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Date: 06/03/2008

To: All Canadian Securities Regulatory Authorities

Subject: SURAMINA RESOURCES INC.

Dear Sirs:

We advise of the following with respect to the upcoming Meeting of Security Holders for the subject Issuer:

Meeting Type :	Annual Special Meeting
Record Date for Notice of Meeting :	02/04/2008
Record Date for Voting (if applicable) :	02/04/2008
Meeting Date :	12/05/2008
Meeting Location (if available) :	Vancouver, BC

Voting Security Details:

Description	CUSIP Number	ISIN
COMMON SHARES	868650102	CA8686501021

Sincerely,

Computershare Trust Company of Canada /
Computershare Investor Services Inc.

Agent for SURAMINA RESOURCES INC.

News release, filed February 27, 2008

SURAMINA Resources Inc.

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NEWS RELEASE

PRIVATE PLACEMENT

February 27, 2008...Suramina Resources Inc. ("Suramina") (TSX:SAX) today announced its intention to sell on a non-brokered, private placement basis, an aggregate of up to 8,250,000 common shares of the Company at a price of Cdn $1.20 per share for gross proceeds of up to Cdn $9.9 million. Suramina will use the proceeds of the placement for general working capital purposes and to fund ongoing exploration work and drill programs on the Company's properties in Argentina and Chile. A finder's fee may be paid to qualified persons in respect of a portion of the private placement. The placement is subject to regulatory approvals.

ON BEHALF OF THE BOARD

J. Patricio Jones,
President and CEO

For further information, please contact:
Sophia Shane
Corporate Development
Ph. 604 689 7842

Forward-Looking Statements
Certain information regarding the Company set forth in this press release, including the Company's future plans contains forward looking statements that involve substantial known and unknown risks and uncertainties. These forward looking statements are subject to numerous risks and uncertainties, some of which are beyond the Company's and management's control, including but not limited to, the impact of general economic conditions, industry conditions, fluctuation of commodity prices, fluctuation of foreign exchange rates, imperfection of mineral estimates, environmental risks, industry competition, availability of qualified personnel and management, stock market volatility, timely and cost effective access to sufficient capital from internal and external sources. The Company's actual results, performance or achievements could differ materially from those expressed in or implied by, these forward looking statements and accordingly, no assurance can be given that any of the events anticipated to occur or transpire from the forward looking statements will provide any benefits to the Company.

News release, filed January 15, 2008

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NEWS RELEASE

SURAMINA ANNOUNCES ADDITIONAL HIGH GRADE SILVER/ZINC INTERCEPTS FROM CERRO CUADRADO

January 15, 2008...Suramina Resources Inc. ("Suramina") (TSX:SAX) is pleased to provide an update on its current exploration activities in Argentina.

The Company has received additional results from its ongoing drill program at its Cerro Cuadrado polymetallic epithermal vein project in Santa Cruz province.

Hole CC16 in the Veta Galena zone returned the following intercepts:

Vein 1: 31.00-32.35 m: 1.35 metres @ 321 g/t Ag; 1.69 % Zn; 0.57 % Pb incl. 0.50 metres @ 568 g/t Ag; 1.88 % Zn; 1.14 % Pb

Vein 2: 150.20-151.80 m: 1.60 metres @ 12 g/t Ag; 5.7 % Zn; 0.46 % Pb incl. 0.80 metres @ 20 g/t Ag; 9.59 % Zn; 0.87 % Pb; 0.16 g/t Au

The current drill program at Cerro Cuadrado will comprise approximately 4,400 metres in 27 diamond drillholes and is expected to be completed in March.

A 2,850 metre drill program (7 holes) is also currently underway at the Filo del Sol project in San Juan province. This program is expected to be completed by the end of March.

In addition the Company is planning drill programs at its Los Helados and Cerro Blanco projects located in Region III, Chile.

The Company also announces that it has claimed 1,000 hectares of exploration ground in Peru and has commenced reconnaissance work. In addition to this newly claimed land in Peru, the Company now holds approximately 600,000 hectares in Argentina, 48,000 hectares in Chile and 142,000 hectares in Colombia.

Suramina's exploration programs are carried out under the direction and management of J. Patricio Jones (PhD). Dr. Jones and his team discovered the worldclass Veladero gold deposit in Argentina and was responsible for the initial development of the Bajo de Alumbrera copper-gold project. The technical contents of this release have been reviewed and verified by Mr. Paul K. Conibear, P.Eng., Director of Suramina Resources Inc., who is an appropriately qualified person as defined by National Instrument 43-101. Samples are sent to ALS Chemex labs in Mendoza Argentina and Santiago, Chile, for analysis using conventional ICP methods with multi-acid digestion. A 50 gram fire assay with AA (atomic absorption) finish is run on all samples for gold. A series of blanks are routinely introduced with each batch of samples. Quality controls include preparation and analysis statistics performed to industry standards.

Forward-Looking Statements

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general economic conditions, industry conditions, fluctuation of commodity prices, fluctuation of foreign exchange rates, imperfection of mineral estimates, environmental risks, industry competition, availability of qualified personnel and management, stock market volatility, timely and cost effective access to sufficient capital from internal and external sources. The Company's actual results, performance or achievements could differ materially from those expressed in or implied by, these forward looking statements and accordingly, no assurance can be given that any of the events anticipated to occur or transpire from the forward looking statements will provide any benefits to the Company.

On Behalf of the Board

J. Patricio Jones
President and CEO

For further information, please contact Sophia Shane, Corporate Development, 604-689-7842

News release, filed December 5, 2007

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NEWS RELEASE

SURAMINA ANNOUNCES SIGNIFICANT INCREASE IN JOSEMARIA CU-AU RESOURCE ESTIMATE

December 5, 2007...Suramina Resources Inc. ("Suramina") (TSX:SAX) is pleased to announce the completion of an updated, independent resource estimate on the Josemaria porphyry copper-gold deposit located in San Juan Province, Argentina. The updated inferred resource estimate, in accordance with NI 43-101, is 460Mt @ 0.39% Cu and 0.30g/t Au at a 0.3% TCu cut-off which represents a 20% increase in contained copper and an approximate 30% increase in contained gold. A review of the drilling conducted to date indicates that the deposit remains open to the northwest where some of the best drill intersections have been realized to date.

The updated independent resource estimate has been prepared for the Josemaria project by John Nilsson, P. Eng. of Nilsson Mine Services Ltd, and Mario Rossi, M.Sc. of Geosystems International, Inc. and forms part of a new NI 43-101 report to be released in December 2007. A copy of the resource estimate will be available on www.sedar.com as well as the Company's website www.suramina.com.

Josemaria Inferred Resources

TCu Cutoff (%)	Million Tons above TCu cutoff	TCu Grade (%)	Au Grade (g/t)
0.2	1,125	0.31	0.22
0.3	460	0.39	0.30
0.4	131	0.51	0.38
0.5	52	0.60	0.43
0.6	20	0.70	0.45
0.7	7	0.80	0.47
0.8	3	0.89	0.48

The drill hole database used to estimate the updated resources at Josemaria consists of a total of 21,616.75 metres with 47 inclined reverse circulation (RC) surface drill holes plus 7 diamond drill holes (DDH). Compared to the previous resource model results, the number of samples has increased by approximately 50%. The Josemaria resource block model was defined as a single-size block model that encompasses the area of interest. The block size chosen was 25 x 25 x 15m, intended to reflect drill hole spacing available and generally accepted practices used to model large, Cu-Au porphyry deposits. Grades were estimated using ordinary kriging.

Suramina has an option to acquire a 100% ownership of Josemaria. Josemaria is one of several porphyry Cu-Au deposits identified within a large cluster of similar deposits that straddle the Argentine-Chile border and that are held by Suramina, including Filo del Sol, Los Helados, Cerro Blanco, and Sillimanita.

Suramina is continuing to advance its exploration program within its large, contiguous property position of 53,248 ha that straddles the border between Argentina and Chile, and has to date identified an additional 16 targets within a cluster of porphyry and epithermal mineralization that lies in close proximity to Josemaria. These targets remain at various stages of exploration and will provide Suramina with an excellent pipeline of projects in the coming seasons. In the 2007-08 exploration season, two of these porphyry Cu-Au targets, Filo del Sol and Los Helados, will undergo further drilling while a new target, Cerro Blanco, will undergo an initial first phase of drilling.

Suramina's exploration programs are carried out under the direction and management of J. Patricio Jones (PhD). Dr. Jones and his team discovered the worldclass Veladero gold deposit in Argentina and was responsible for the initial development of the Bajo de Alumbrera copper-gold project. The technical contents of this release have been reviewed and verified by Mr. Paul K. Conibear, P.Eng., Director of Suramina Resources Inc., who is an appropriately qualified person as defined by National Instrument 43-101. Mr. Mario Rossi, M.Sc. of Geosystems International, Inc. has been retained as the independent consultant responsible for the geologic modeling, geo-statistics, and calculation of the updated resource estimate for the Josemaria property. Samples are sent to ALS Chemex labs in Mendoza Argentina and Santiago, Chile, for analysis using conventional ICP methods with multi-acid digestion. A 50 gram fire assay with AA (atomic absorption) finish is run on all samples for gold. A series of blanks are routinely introduced with each batch of samples. Quality controls include preparation and analysis statistics performed to industry standards.

Forward-Looking Statements

Certain information regarding the Company set forth in this press release, including the Company's future plans contains forward looking statements that involve substantial known and unknown risks and uncertainties. These forward looking statements are subject to numerous risks and uncertainties, some of which are beyond the Company's and management's control, including but not limited to, the impact of general economic conditions, industry conditions, fluctuation of commodity prices, fluctuation of foreign exchange rates, imperfection of mineral estimates, environmental risks, industry competition, availability of qualified personnel and management, stock market volatility, timely and cost effective access to sufficient capital from internal and external sources. The Company's actual results, performance or achievements could differ materially from those expressed in or implied by, these forward looking statements and accordingly, no assurance can be given that any of the events anticipated to occur or transpire from the forward looking statements will provide any benefits to the Company.

On Behalf of the Board

J. Patricio Jones
President and CEO

For further information, please contact Sophia Shane, Corporate Development, 604-689-7842

Certificate of qualified person (NI 43-101), filed December 4, 2007

Nilsson Mine Services Ltd.
Telephone: 604 465 0703
Email: jnilsson@shaw.ca

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CERTIFICATE of AUTHOR

I, John Nilsson P.Eng., do hereby certify that:

1. I am President of:

   Nilsson Mine Services Ltd.
   20263 Mountain Place
   Pitt Meadows, British Columbia
   V3Y 2T9

2. I graduated with a Bachelors degree in Geology from the Queen's University in 1977. In addition, I obtained a Masters degree in Mining Engineering from the Queen's University in 1990.

3. I am a member of the Association of Profession Engineers of British Columbia.

4. I have worked as a geologist and mining engineer for a total of 30 years since my graduation from university.

5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for assembly of the report and review of the resource estimation procedures.

7. I have had prior involvement with the property that is the subject of the Technical Report as co-author of the earlier technical reports.

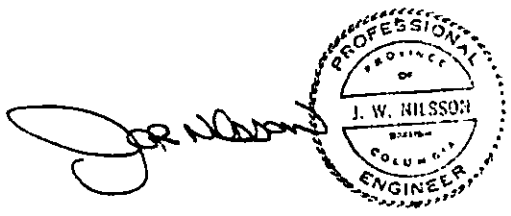
8. I am not aware of any material fact or material change to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

9. I am independent of the issuer applying all the tests in section 1.5 of National Instrument 43-101.

10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

11. I consent to the filing of the report entitled "***Resource Estimate Update Josemaría Project***", and dated 20th November, 2007 (the "Technical Report") relating to the Josemaría Project " with any stock exchange and/or other regulatory authority and any publication of the audit by them, including electronic publication in the public company files on their websites accessible by the public.

Dated this 20th Day of November, 2007.



John Nilsson, P.Eng.

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15998 Mataro Bay Ct.,
Delray Beach, FL, 33446, USA
Telephone: 561-495-8797
Fax: 561-498-1262
Email: mrossi@geosysint.com

CERTIFICATE of AUTHOR

I, Mario E. Rossi, Min. Eng., MSc, do hereby certify that:

1. I am Principal Geostatistician of:
   GeoSystems International, Inc
   15998 Mataro Bay Ct
   Delray Beach, Florida, USA,
   33446.
2. I graduated with a Master of Science degree in geostatistics from Stanford University, California, USA, in 1988. In addition, I have obtained a Mining Engineering degree from the University of San Juan, Argentina, in 1985.
3. I am a member of the Canadian Institute of Mining and Metallurgy (CIMM), a fellow of the Australian Institute of Mining and Metallurgy (AusIMM, Australia), a member of the Society of Mining Engineers (SME, USA), a member of the International Association of Mathematical Geology (IAMG), and a member of the Geological Society of America (GSA).
4. I have worked as a geostatistician for a total of 19 years since my graduation from university, and as a mining engineer for an additional 2 years.
5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible for the preparation of section 16 of the technical report titled Resource Estimate Update Josemaría Project, and dated 20th November, 2007 (the "Technical Report") relating to the Josemaría Project. I visited the Josemaría property in November, 2005 for 3 days.
7. I have had prior involvement with the property that is the subject of the Technical Report.
8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
9. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

Dated this 20th Day of November, 2007.

M. A. Rossi

Mario E. Rossi

Consent of qualified person (NI 43-101), filed December 4, 2007

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CONSENT of AUTHOR

To: Ontario Securities Commission
British Columbia Securities Commission
Alberta Securities Commission
Saskatchewan Financial Services Commission (Securities Division)
Autorité des marchés financiers
TSX Exchange

I, John Nilsson, P. Eng., do hereby consent to the filing of the written disclosure of the technical report titled Preliminary Resource Estimate Update Josemaria Project dated November 20, 2007 (the "Technical Report") and any extracts from or a summary of the Technical Report in the in the news release and material change report filed by Suramina Resources Inc. in connection with the Technical Report, and to the filing of the Technical Report with the securities regulatory authorities referred to above.

I also certify that I have read the written disclosure being filed and I do not have any reason to believe that there are any misrepresentations in the information derived from the Technical Report or that the written disclosure in the news release and material change report filed by Suramina Resources Inc., in connection with the Technical Report contains any misrepresentation of the information contained in the Technical Report.

Dated this 3rd Day of December, 2007.

John Nilsson P. Eng.

NMS - Nilsson Mine Services Ltd.

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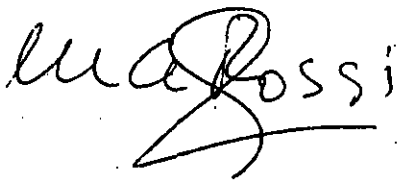
CONSENT of AUTHOR

To: Ontario Securities Commission
British Columbia Securities Commission
Alberta Securities Commission
Saskatchewan Financial Services Commission (Securities Division)
Autorité des marchés financiers
TSX Exchange

I, Mario E. Rossi, do hereby consent to the filing of the written disclosure of the technical report titled Preliminary Resource Estimate Josemaría Project dated November 20, 2007 (the "Technical Report") and any extracts from or a summary of the Technical Report in the in the news release and material change report filed by Suramina Resources Inc. in connection with the Technical Report, and to the filing of the Technical Report with the securities regulatory authorities referred to above.

I also certify that I have read the written disclosure being filed and I do not have any reason to believe that there are any misrepresentations in the information derived from the Technical Report or that the written disclosure in the news release and material change report filed by Suramina Resources Inc., in connection with the Technical Report contains any misrepresentation of the information contained in the Technical Report.

Dated this 20th Day of November, 2007.



Mario E. Rossi

Technical report (NI 43-101), filed December 4, 2007

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Preliminary Resource Estimate Update for the Josemaría Project, San Juan Province, Argentina

Prepared for

Suramina Resources Inc.

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Report by

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November 20, 2007

NMS – Nilsson Mine Services Ltd.

GeoSystems International

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1.0 Summary

The Josemaría Project is located near the northern limits of Iglesia Department, in northern San Juan province, western Argentina approximately 10 km from the Chilean border. The nearest settlement is Guandacol located 200 km to the southeast by gravel road. The property falls within the Cordillera Frontal along the eastern flank of the Andes and is underlain by Permian-Triassic batholithic rocks correlative with the Choiyoi Formation and Tertiary volcanics correlative with the Doña Ana Group. These volcanics are intruded by what are believed to be Miocene porphyries of quartz-diorite composition. Some porphyry intrusives are obscured by later volcanic cover and unaltered volcanics brought in contact by low angle faults truncating the top of the mineralized intrusive.

The property is in the southern extension of the Maricunga Belt and in the northern continuation of the El Indio belt. It is currently being explored for porphyry copper-molybdenum-gold systems. Prospective features indicative of a Maricunga-style Cu-Mo-Au enriched porphyry system have been identified on the property. The Maricunga belt is an important Cu-Au district in northern Chile containing the deposits of Refugio, Aldebaran, Escondida, Lobo, Marte and La Coipa among others. Surface sampling during the 2002/2003 season established an area of approximately 400 m x 400 m with coincident Cu-Mo-Au geochemistry. Ground magnetic data and IP-resistivity was also useful in creating a geological model and targeting drilling. Ten reverse circulation holes (3475 m) completed during the 2003/2004 season were responsible for the original discovery of the Josemaria porphyry deposit. A technical report entitled "***Summary Report for the Josemaria-Batidero Project***" was prepared by Cyberquest Geoscience Ltd. April 20, 2005. The current report restates much of the reporting of exploration work from the April technical report conducted during the 2002/2003 and 2003/2004 seasons and then expands on the description of exploration drilling work conducted during the 2004-5 season.

A second phase of drilling of 15 reverse circulation holes (7822 m) and 5 diamond drill core holes (2406 m) was performed in the 2004/2005 season to establish depth and size to this prospect and to provide sufficient data for an initial resource calculation. Based on 13,697 m of reverse circulation and diamond drilling at the project Jose Maria was estimated to contain an inferred resource of 374 million tonnes at 0.40% Cu and 0.29 g/t Au at a 0.30% Cu cutoff. This estimate was the subject of an earlier technical report entitled "***Preliminary Resource Estimate for the Josemaria Project, San Juan Province, Argentina***" dated January 23, 2006 prepared by John Nilsson P.Eng. and Mario Rossi M.Sc.

Additional exploration has been undertaken since the preliminary resource estimate of January 23, 2006. During the 2005/2006 field season, the focus of the drill program was to test the mineralized zone at depth. Two diamond drill holes were completed to a length of 850 m. IP-resistivity and magnetic surveys were completed to the north of Josemaria, continuing on to the El Potro property and over the Sillimanita target. The 2006/2007 field season included 6,092 m of RC drilling and IP-resistivity and ground magnetic geophysical surveys. A technical report entitled "***Exploration Update for the Josemaria Project, San Juan Province, Argentina***" dated June 15, 2007 by John Nilsson P.Eng. and Mario Rossi M.Sc. was prepared to provide an update of exploration activities at Jose Maria

for the 2005/2006 and 2006/2007 field seasons including petrology studies, drill programs and geophysical surveys.

Suramina has an option to acquire 100% ownership of Josemaría which will be completed in 2009. Josemaría is adjacent to Batidero, another mineral prospect held jointly (75% Suramina 25% TNR) by Suramina and TNR Gold Corp. ("TNR"). Josemaría and Batidero together form part of an emerging trend of prospective porphyry and epithermal systems. The Batidero prospect, immediately to the south of Josemaría is also being explored by Suramina and the Josemaría system of intrusives which appears to follow a WNW – ESE trend may extend onto Batidero.

The purpose of this technical report is to provide an updated estimate of mineral resources based upon the results of exploration drilling undertaken at Josemaria to the end of the 2006/2007 field season. The current overall resource at a 0.30% Cu cutoff is estimated to be 460 million tonnes with a grade of 0.39% TCu and 0.30 g/t Au. All resources have been classified as inferred.

2.0 Introduction and Terms of Reference

Nilsson Mine Services Ltd. (NMS) and Geosystems International (GSI) have been commissioned by Suramina Resources Inc. to prepare a resource estimate update for the Josemaría Project in San Juan Province, Argentina. This summary report has been written to conform with National Instrument 43-101. In doing so the authors have relied on the earlier technical report entitled "***Summary Report for the Joesemaria – Batidero Project***" by John Harrop, P.Geo. The Harrop report was prepared to provide a description of the property, geology and exploration history of the deposit up to April 2005. Section 4 through Section 13 of this report are largely reproduced from Harrop with updates included as made available from later exploration work.

Mario Rossi Principal Geostatistician of Geosystems International undertook a site visit to Argentina during the week of November 21, 2005 during which time he reviewed geological data in the San Juan offices of Desarrollo de Prospectos Mineros S.A. ("Deprominsa") an Argentine subsidiary of Tenke Mining Corporation (now Suramina Resources Inc.) and Compañia Minera Solitario Argentina S.A. ("Solitario") a corresponding subsidiary of TNR Gold Corp, visited the sample preparation laboratory of ALS Chemex in Mendoza used by the project and visited the subject property. The authors have not supervised any field operations or otherwise been involved in the management of the project.

This report has used (Tenke, 2003), (Achem et al, 2004) and (Tenke, 2005), various maps, notes and graphics provided by Suramina as primary sources on the Josemaría project and contains many excerpts from these reports. As in the Harrop report, due to the frequency of references to these reports they are not usually cited specifically.

3.0 Disclaimer

The content of this report is largely based on material supplied primarily by Desarrollo de Prospectos Mineros S.A. ("Deprominsa") an Argentine subsidiary of Suramina Resources Inc., project and exploration management geologists of Deprominsa and to a lesser extent by material supplied by Compañia Minera Solitario Argentina S.A. ("Solitario"). The content of the material provided is believed to be accurate and complete.

The authors have not had the legal status of mineral claims formally verified and rely on communication from management with respect to reporting of mineral title in this report. Drill hole assay data have been spot checked against original certificates and original copies of many documents were reviewed in San Juan.

4.0 Property Description and Location

The underlying owner of the Josemaría property is Sr. Juan Demetrio Lirio of San Juan, Argentina through two manifestaciones (Josemaría 1 and Josemaría 2), which cover an area of approximately 2831 ha. Suramina is acquiring 100% ownership of the property through payments totaling US$790,000 between 2003 and 2009. A final payment of US$2,000,000 will occur after the second year of mine production. In addition, an NSR of 0.5% will be due Sr. Lirio and a royalty of 1-3% NSR will be due to the province of San Juan. The original cateos were expanded to cover ground left open when the adjacent property, Batidero, was reduced and were converted to manifestaciones in June 2004. The authors believe the property is in legal good standing, with all administrative applications and reports in order. Mining or exploration fees have been paid, and environmental reports have been presented and a visual inspection of the property has been conducted by the government.

The property is located near the northern limits of Iglesia Department, in northern San Juan province, northwest Argentina, at elevations ranging from 4000 to 4900 m.a.s.l.. Gauss Krüger Campo Inchauspe (GKCI) coordinates for the approximate centre of the main prospect are 2,446,350E 6,855,300N falling within the topographic sheet Pastillos (2969-I). Unless otherwise stated, coordinates given in this report or on attached maps and diagrams are in GKCI Zone 2 (see description of Argentine National Grid System below).

Within the project area, positional data is based on measurements taken by hand held GPS and by reference to digital and paper topographic sources. Small local distances were calculated using azimuth/distance measurements. Although no field assessment of positional error was available, absolute positional data is believed to be within 10 m under best conditions and may be as low as 100 m under less ideal conditions. Relative positional data is believed to be significantly more accurate, facilitated by the open nature of the terrane. Spatial data for the 2002/2003 to 2006/2007 seasons has been managed in a MapInfo GIS. Spatial data provided for Josemaría-Batidero was also managed in MapInfo GIS.

Table 4.1 Mineral Property

Manifestacion Name	File	Dated	Size
Josemaría 1	414280-L-2004	1 June 2004	1328 ha
Josemaría 2	414281-L-2004	1 June 2004	1503 ha
Batidero I	425066-C-2001	20 March 2001	2656 ha
Batidero II	425065-C-2001	20 March 2001	2387 ha

Argentine National Grid System

Grids are coordinate systems used to reference locations in field notes and on maps. They are usually a rectangular system (Cartesian) of easting and northing values measured in these directions from the grid origin that defines a unique location for every different pair of coordinates. The geographic coordinate system is the well known system of latitude and longitude where meridians (north-south lines of longitude) and parallels (east-west lines of latitude) are measured in degrees. This system uses angles to measure location and is not Cartesian. This characteristic makes the geographic coordinate system more difficult to use in many applications. Many other grid coordinate systems have been developed.

Maps of small areas that do not need to account for the curvature of the earth or irregularities in its shape are based on simple, *non-earth,* orthogonal coordinate systems. These are usually called local grids and are commonly used for geoscience data collection. A local grid may be oriented arbitrarily and the conversion from local grid coordinates to a national or regional grid is simply treated as a shift and rotate operation.

National and regional grid systems and their associated maps that are based on the earth's shape require three components in their definition: a projection, an ellipsoid and a datum. All three should be specified or the coordinates in report or map may be ambiguous. Frequently a datum infers a specific ellipsoid which is not necessarily mentioned. A **projection** is a mathematical method for converting the curved surface of the earth to a flat surface. The **ellipsoid** is the shape of the earth's globe used in the projection calculation. The **datum** forms the location(s) where the ellipsoid is fixed to specific geographic locations and from which the grid is measured or surveyed.

The Argentine National Grid System (**Gauss-Krüger Campo Inchauspe** or GKCI) uses the Gauss-Krüger (also known as Transverse Mercator or TM) projection and is based on the Campo Inchauspe datum which uses the International 1924 (also known as Hayford) ellipsoid. (Note the Universal Transverse Mercator projection, UTM, is **not** identical to the TM projection.) Argentina is divided into six zones which, similar to UTM zones, are north-south slices centred on 72°, 69°, 66,° 63°, 60° and 57° W longitude. Unlike UTM which effectively has two meridians of zero scale distortion, in Gauss-Krüger only the central meridian has zero scale distortion. Unlike UTM where the easting offset is always 500,000 m, each zone in the Gauss-Krüger Campo Inchauspe system has a different offset to remove coordinate ambiguity between zones. Zone 1 has an easting offset of 1,500,000 m with each successive zone adding 1,000,000 m to the offset. Consequently, grid coordinates are often quoted without explicitly specifying the zone as would normally be done with UTM coordinates.

A new datum named POSGAR is currently being introduced. This datum uses the WGS84 ellipsoid and has already become common in some provinces.

Categories of Mineral Rights in Argentina

In Argentina, mineral rights are acquired by application to the government through a system based entirely on paper staking. A mineral property may go through several stages of classification during its lifetime. This begins with a **Cateo** (exploration permit). Once an application for a Cateo has been made any mineral discoveries made by third parties belong to the Cateo applicant. A Cateo consists of one to twenty units – each unit being 500 ha in size. A fee, calculated per hectare, is required within five days of the Cateos approval. The term of a Cateo, the length of which varies based on size, begins 30 days after approval. A Cateo of one unit has a duration of 150 days and for each additional unit its duration is increased by an additional 50 days. An additional requirement is that larger Cateos must reduce in size at certain times. At 300 days after approval, half of the area in excess of four units must be relinquished. At 700 days after approval, half of the remaining area must be relinquished.

To move to the next stage the Cateo holder must apply within the term of the Cateo by reporting a mineral discovery. Upon approval this will result in a **Manifestacion de Descubrimiento** or mining rights for an area up to 3,000 ha. Once this is approved the holder may conduct a Mensura or legal survey to apply for a **Mina** or mining lease. The property will generally stay in the Manifestacion stage until a mineral resource has been defined.

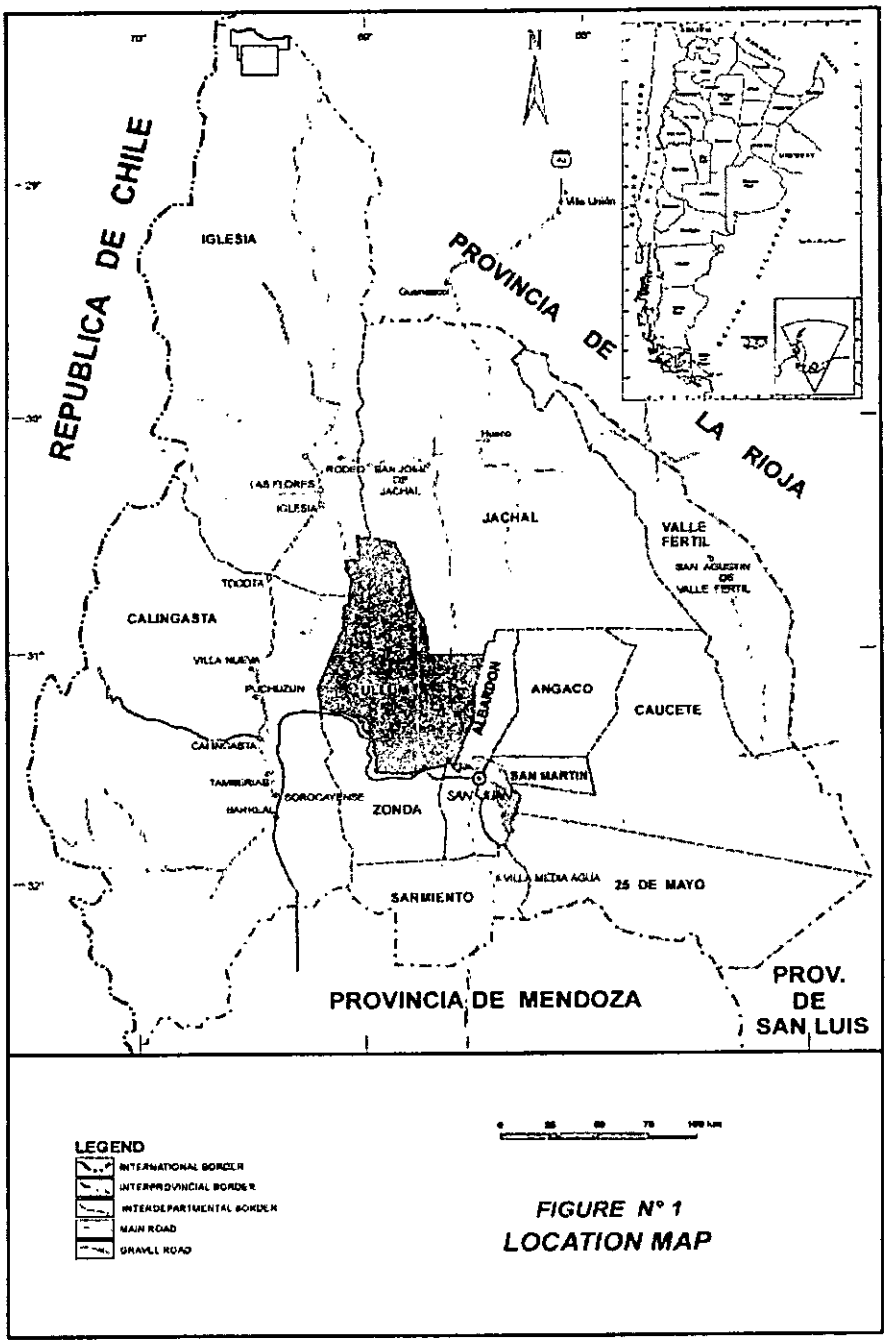

Figure 4.1 Location Map

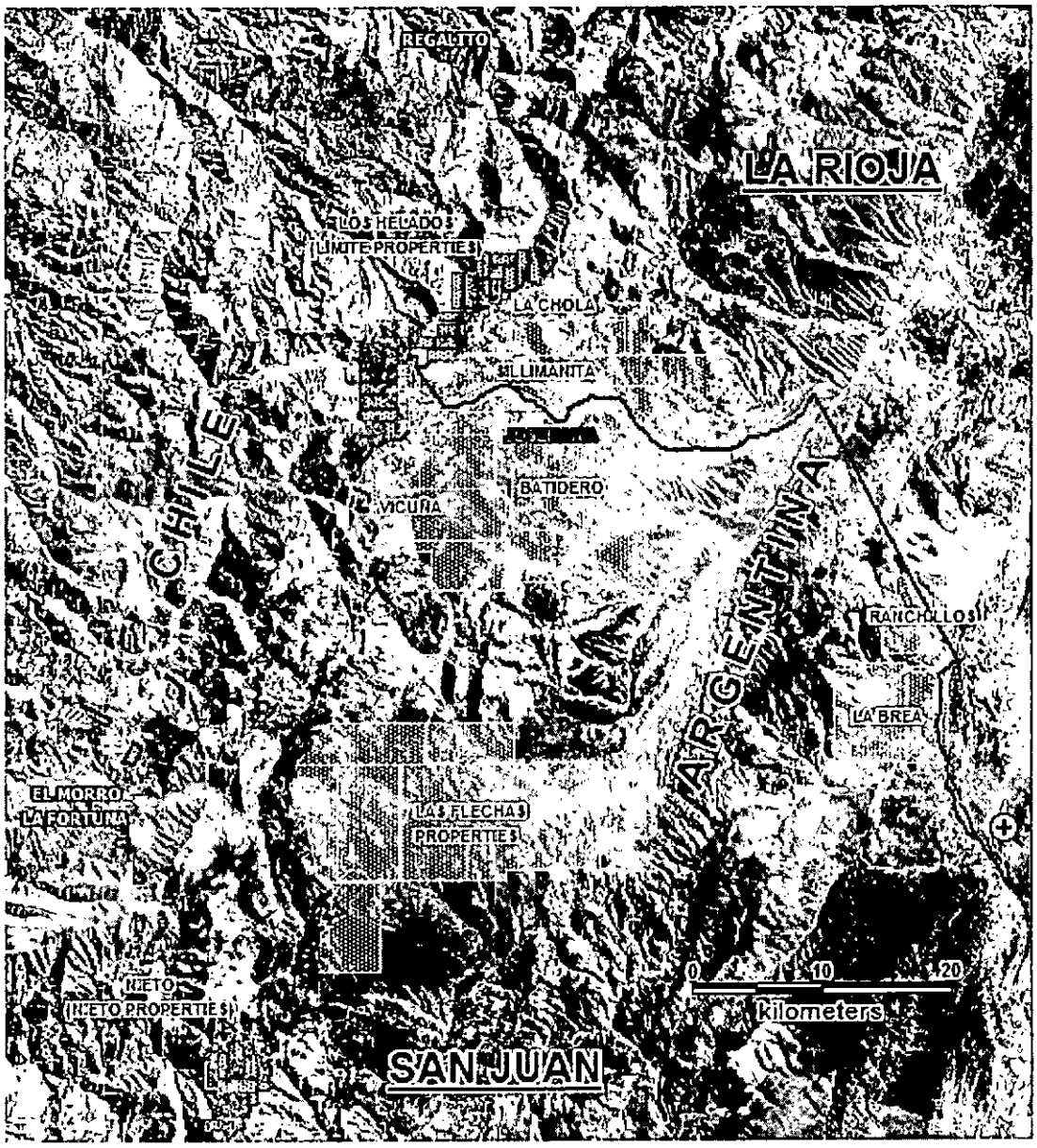

Figure 4.2 Property General Location Map

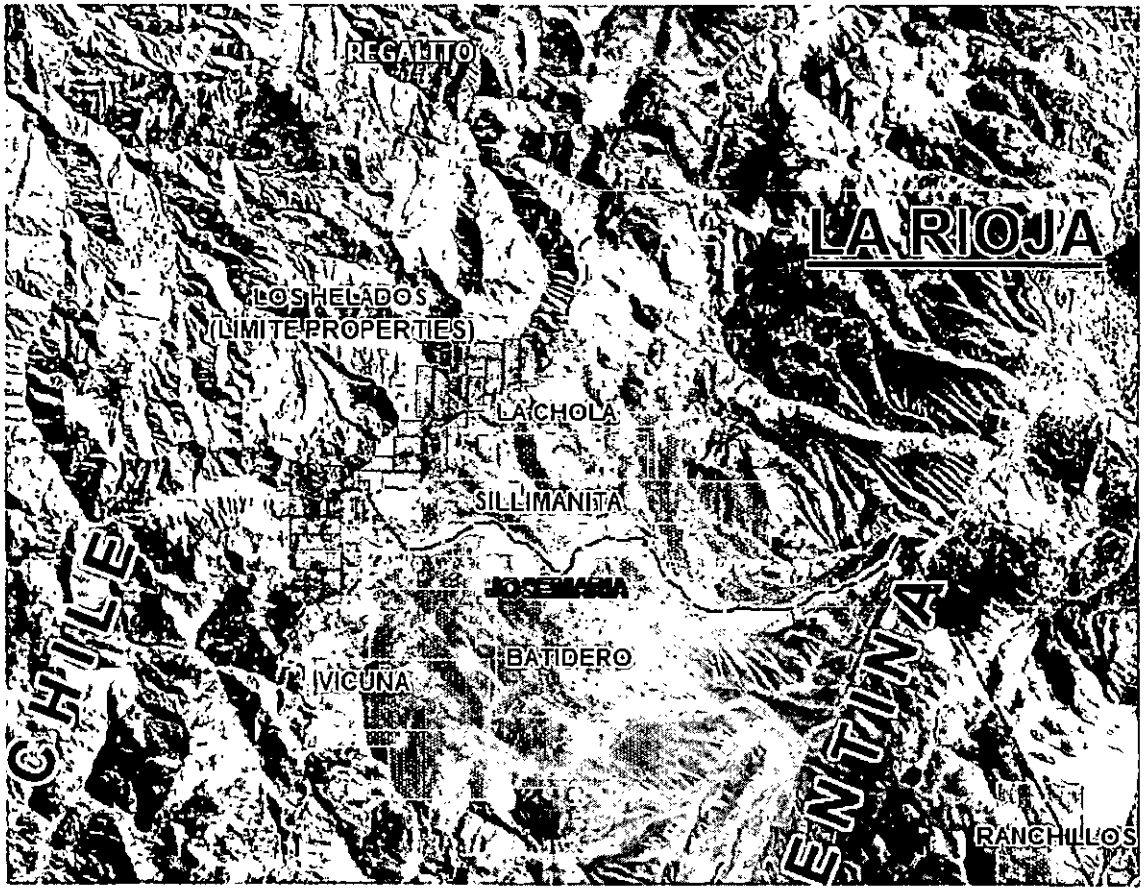

Figure 4.3 Northern Property Enlargement

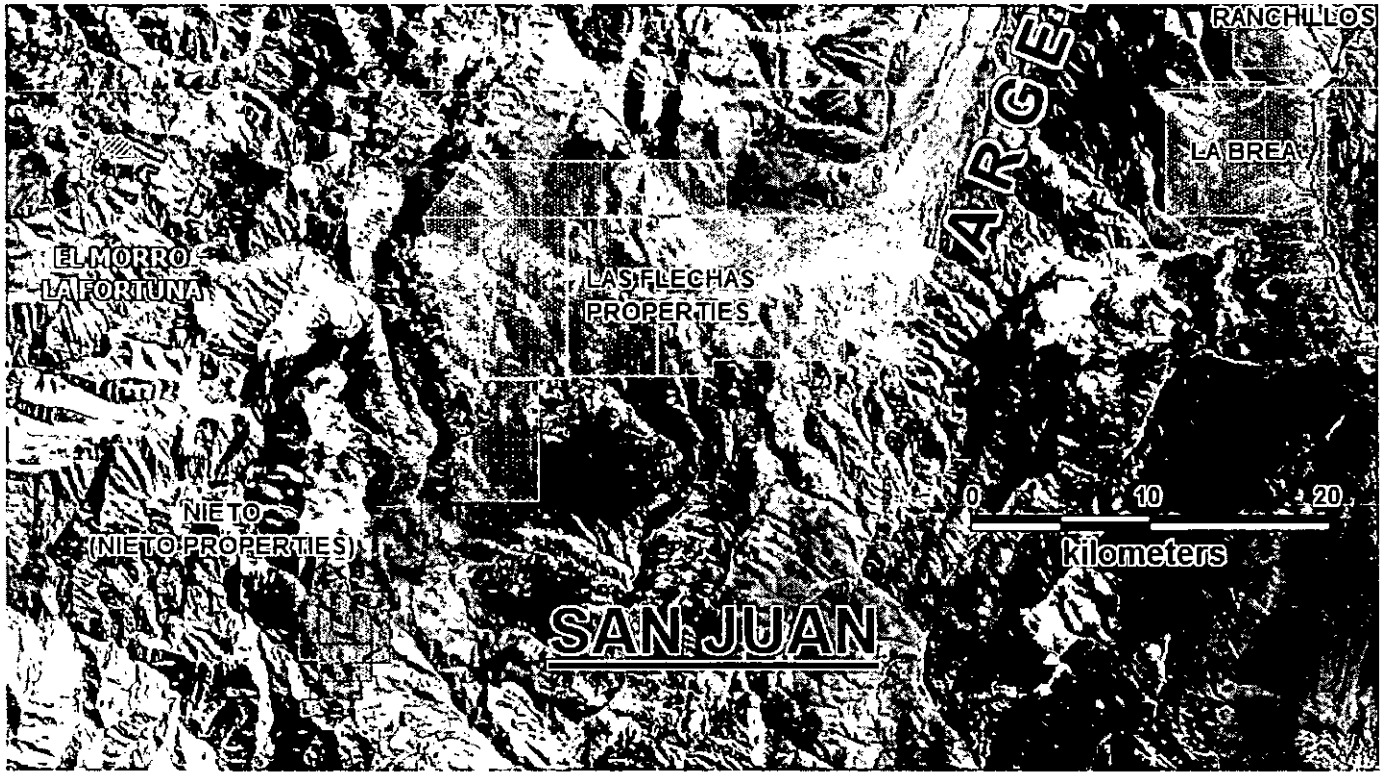

Figure 4.4 Southern Property Enlargement

5.0 Access, Infrastructure, Climate and Physiography

Exploration field personnel and support for the Josemaría and Batidero claims are hosted in a permanent camp located near the southern edge of the Batidero claims slightly above 4000m in elevation. The Batidero camp currently comfortably hosts about 40 personnel. Logistic support is based out of the city of San Juan which is approximately 10 hours drive from the Batidero Camp by four wheel drive pick-up. The city of San Juan is the capital of its provincial namesake and has a domestic airport with scheduled flights to Buenos Aires and other Argentine cities. Two hours drive to the south of San Juan is the city of Mendoza which has an international airport with flights to Santiago and elsewhere. The Josemaría area is accessed from San Juan by major provincial highways north through San Jose de Jachal to the town of Guandacol (in La Rioja province) and from there by approximately 150 km of regional unpaved roads and trails.

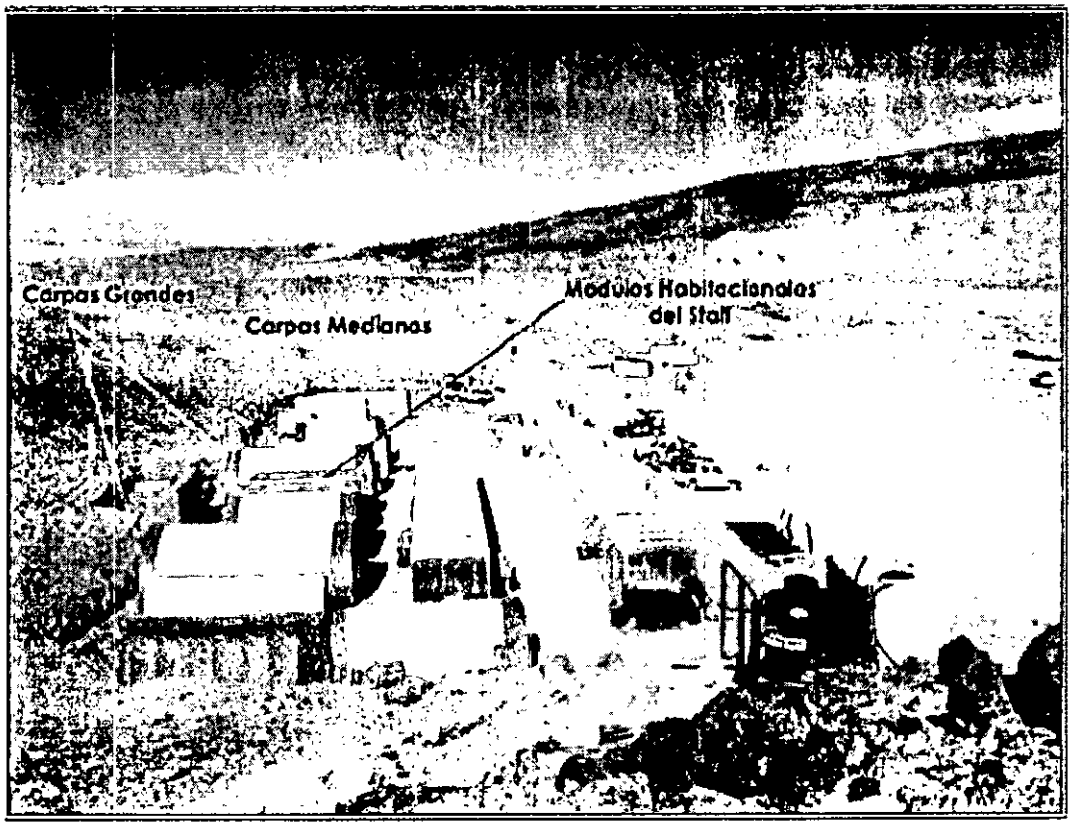

Figure 5.1 Josemaría Camp Facilities

The climate is dry to arid and temperate to cold, with sparse rain during the summer and snowfall during the winter (May through August). There is little or no vegetative cover which results in significant overland flow when rainfall does occur and broad alluvial floodplains on drainages of any significance. Despite the barren, unvegetated landscape there is a substantial supply of water in many drainages and there is no difficulty in locating sufficient water to support drilling. Short haul water trucks are used for several 100 m lift to the drill sites. Quebradas contain ephemeral creeks which converge into two more permanent, easterly draining arroyos – Batidero on the North. The northern border of the property is Rio Blanco which is also the border between San Juan and La Rioja provinces. Fieldwork activities are generally confined to the spring and summer months between mid-October and early May.

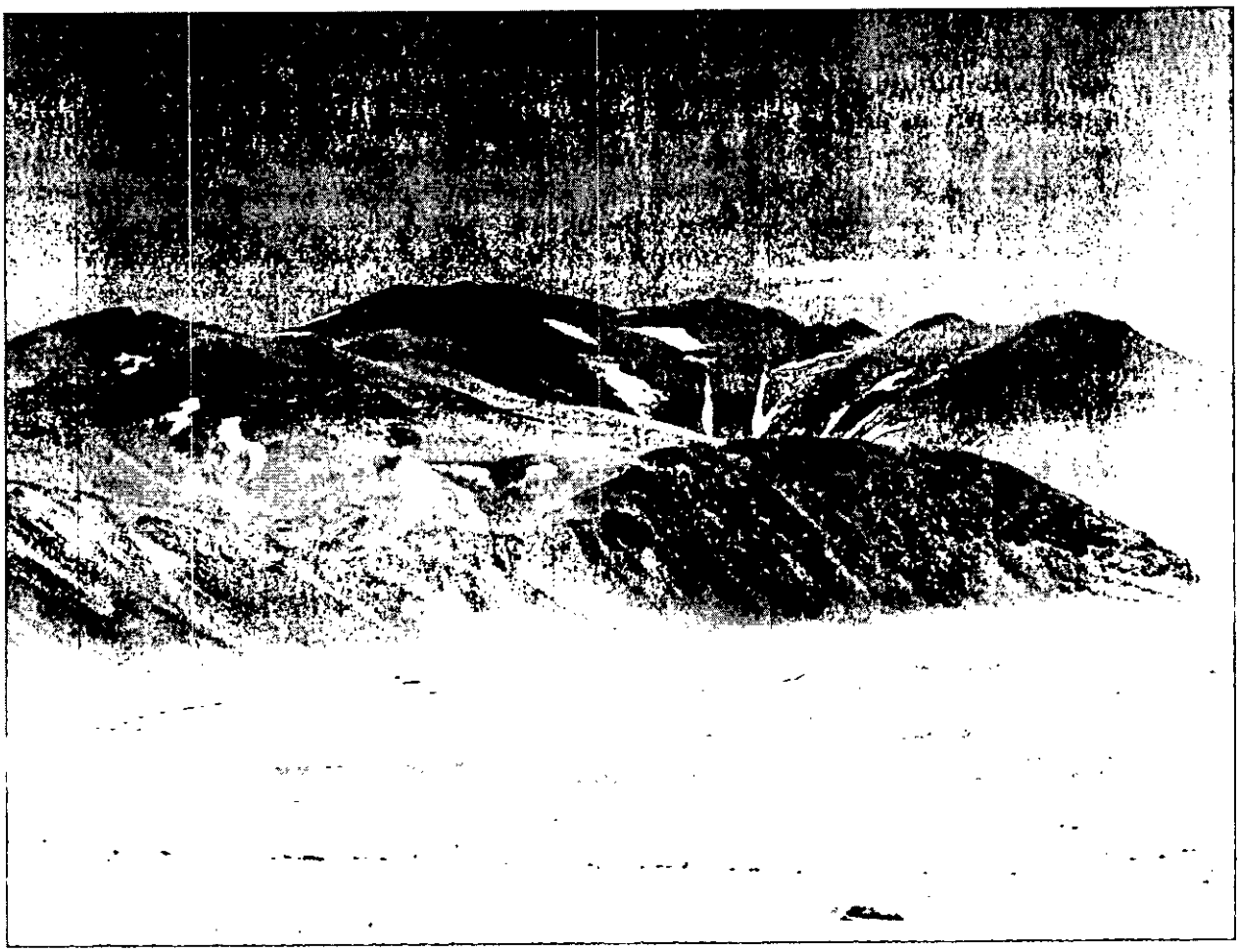

Figure 5.2 Josemaría, view from the North across the Río Blanco valley

Elevations at Josemaría vary from below 4000 m to approximately 5000 m. Operating an exploration program at these elevations is challenging, requiring an experienced crew and appropriate support. Terrane varies from broad flat alluvial planes 1km or more wide, to rounded ridges and peaks with varying steepness. Colluvial cover thickens on lower slopes and in places fresh outcrop is difficult to locate. Some cliff faces exist, but in other areas outcrop is scarce.

6.0 History

Prior to 2001 there is no known history of mineral exploration fieldwork or mining on the Josemaría property other than several regional prospecting programs conducted during the 1990s that probably collected talus or drainage samples representing parts of the subject property. It was the activity of various mining companies in the area during the early 1990's that motivated Sr. Lirio and his family to acquire mineral rights to various areas adjacent to other claims. Josemaría was one of these acquisitions of the Lirio family.

The Andes, with their highly exposed outcrop and regolith, are well suited to the application of satellite or aircraft borne remote sensing of alteration minerals associated with prospective exploration targets. Based on analysis of LANDSAT imagery, a large area with spectral response characteristics of hydrothermal alteration was identified in what is now the Batidero cateos. Subsequently, in 1993, Solitario acquired rights to this ground. At this time the claims were named ***Cateo 17*** and the project was known as ***Arroyo Batidero***. During 1994 a small amount of follow up prospecting work was conducted on the claims.

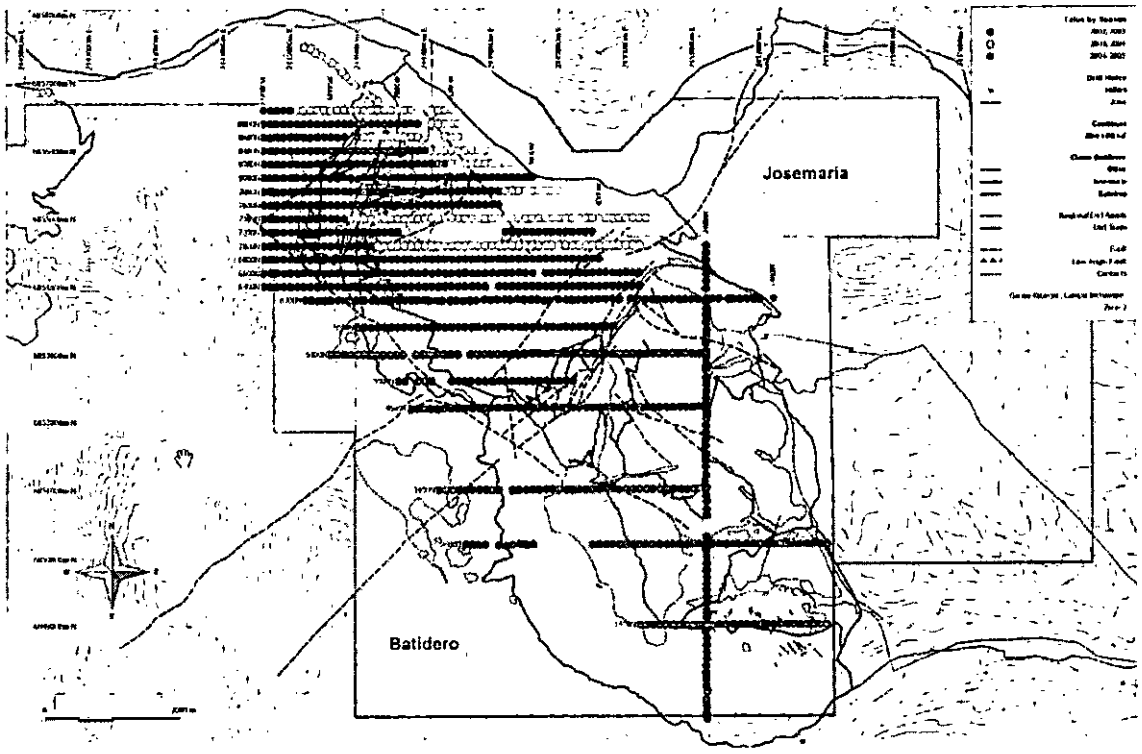

Figure 6.1 Josemaria and Batidero claims with talus sampling by year to 2005

In 1998 Toscana Resources Ltd, (later TNR Resources Ltd and now TNR Gold Corp) took over Solitario and with it acquired a number of properties, including Batidero.

The next phase of exploration began in 2000 when Solitario entered into a joint venture agreement with Barrick Exploraciones de Argentina S.A. (BEASA) to explore Solitario's mineral properties in the Valle de Cura region and the Macho Muerto District. For the purposes of this agreement, CSMA and BEASA created Compañia Minera San Juan S.A. (CMSJ) into which the mining leases (Cateos and Manifestaciones) were transferred. In 2001, on the completion of the agreement, CMSJ was dissolved and the properties returned to Solitario.

In June 2002, the parent company of Solitario (then called TNR Resource Ltd) signed an option agreement with Tenke Mining Corporation now Suramina Resources Inc. Operating through its Argentine subsidiary, Deprominsa, Suramina is in its fifth season of exploration on the Josemaría and Batidero properties which are now jointly conducted as the Josemaría project. Suramina is in the final stages of earning its 75% interest in Batidero. During the 2002/2003 season Deprominsa began a compilation of geological data on Batidero and adjacent areas which drew their attention NW from Batidero and resulted in the discovery of Josemaría. While Solitario's original interest in the area had focused on the potential for epithermal gold veins, Deprominsa was also interested in the potential for Cu-Mo-Au porphyry systems.

Five field seasons have been completed by Tenke (now Suramina) that include significant work at the Josemaría Project.

Work during the 2002/2003 field season was a component of a larger program at the Batidero property. The grid established on Josemaría is a continuation of the grid used on Batidero. Systematic talus-fines sampling was carried out across part of the central zone and peak areas of the property and 16.68 km of CSAMT was surveyed. Two trenches, following road cuts, were sampled over 3 m intervals whenever possible. Trench 1 (T1) returned 109.2 m of 0.36 g/t Au (including 69 m of 0.408 g/t Au), 0.22% Cu (including 46.2 m of 0.34% Cu) and 57 ppm Mo while Trench 2 (T2) returned 148.5m of 0.174 g/t Au, 0.17% Cu and 11.35 ppm Mo.

The 2003/2004 field season saw further detailed mapping and talus-fines sampling. Chip sampling was almost entirely confined to trenches constructed in road cuts. Trenches T1 and T2, started during the previous season, were extended and three additional trenches were added in this area – T4 and T5 oriented roughly E-W and T6 oriented N-S and connecting T1, T2 and T4. The extension to T1 was for a total of 41 m of which 30 m averaged 0.65% Cu, 0.25 g/t Au and 53 ppm Mo. Trench T1-W over 78 m averaged 0.22% Cu, 0.43 g/t Au and 35 ppm Mo. Trench T2 was extended for approximately 79 m with 48.15 m averaging 0.30% Cu, 0.26g/t Au and 33 ppm Mo. Trench T4 runs for approximately 65 m of which 48.6 m averaged 0.28% Cu, 0.19 g/t Au and 25 ppm Mo. Trench T6 runs for 545 m over which it averages 0.27% Cu, 0.26 g/t Au and 33 ppm Mo. Trench T5 was sampled over 25 m of which 10 m returned 0.27% Cu, 0.13 g/t Au and 28 ppm Mo. A 30.45 line-km program of ground based magnetics used the existing talus sampling grid. There was a close correlation between the magnetic results and the Cu-Au-Mo geochemical anomaly identified in talus and trenches during 2002/2003. An IP-resistivity program was conducted on nine lines.

A total of 3,475 m of reverse circulation drilling in ten holes discovered a significant new gold-copper mineralized zone. The discovery hole, the first hole drilled on the project, returned 280 m of 0.51 g/t Au and 0.61% Cu and was open at depth with increasing copper grades. The final hole of the season (JMR 10) returned the best intercept of the program including 350 m of 0.58 g/t Au and greater than 0.55% Cu. Nine out of ten holes focused on testing the central zone intersected significant gold and copper mineralisation. Samples were taken every two metres for multi-element geochemical analysis by ALS Chemex.

The first phase of drilling outlined a mineralized zone that extended 400 m in a north-south direction by approximately 300 m east-west along the faulted contact between an advanced argillic zone and a porphyry setting hosted in upper Tertiary volcanics and porphyritic sequences of the Doña Ana Group. The zone is within the larger main geological-geochemical anomaly that extends over an area greater than six square kilometres.

The 2004/2005 field season, consisted of geologic mapping, talus sampling and ground magnetics with the primary focus being drilling. Thirteen talus sample lines were completed to infill a number of areas at Josemaría and to extend further south onto the Batidero property. In addition, an infill and southern extension magnetic survey was conducted by Quantec Geoscience Argentina S.A. Several previously unknown magnetic features along the southern edge of Josemaría and extending onto the Batidero property were located.

Twenty-one reverse circulation holes (JMRC11 – JMRC 31) totalling 11,291 m and five diamond drill holes (JMDH 01 – JMDH 05) totalling 2,405 m tested to depths of 444 m and 520 m respectively, during the second phase of drilling. The primary objective of this program was to test the continuity of the porphyry system in several different directions. Significant intercepts include: 308 m of 0.44 g/t Au and 0.52% Cu, including 24 m of 0.63 g/t Au and 0.78%Cu (JM RC-13); and 513.35 m of 0.40 g/t Au and 0.38% Cu, including 360 m of 0.44 g/t Au and 0.40% Cu including 151 m of 0.54 g/t Au and 0.46% Cu (JM DH-03). Hole JMRC 27 expanded the mineralized zone significantly to the northwest and returned 364 m of 0.47% copper and 0.34 g/t gold starting at 56 m depth. The last 36 m of this hole contained 0.90% copper and 0.40 g/t Au.

During the 2005/2006 field season, the focus of the drill program was to test the mineralized zone at depth. Two diamond drill holes were completed to a length of 850m. IP-resistivity and magnetic surveys were completed to the north of Josemaria, continuing on to the El Potro property and over the Sillimanita target.

The 2006/2007 field season included 6,092 m of RC drilling and IP-resistivity and ground magnetic geophysical surveys. Of the 6,092 m of drilling, 4 holes totaling 1,028 m were drilled in order to test outlying anomalies that exhibit similar geophysical features to Josemaria. The results indicate that although drill holes intersected porphyry intrusive rocks that are variably altered, they exhibit no significant mineralization. The remaining 5,064 m was drilled on the Josemaria target with some very good results including: JMRC-032, 397 m @ 0.32g/t Au and 0.37% Cu from surface, JMRC-033, 400 m @ 0.35g/t Au and 0.34% Cu from surface, including 96 m @ 0.52g/t Au and 0.50% Cu from 128 m,

and JMRC-034, 400 m @ 0.34g/t Au and 0.40% Cu from surface, including 122 m @ 0.53g/t Au and 0.62% Cu from 204 m. Extensions to previous geophysical surveys to the northwest of Josemaria were carried out, totaling 7,600 line metres.

7.0 Geological Setting

Regional Geology

Josemaría is situated on the eastern flank of the Andes Mountains within the Frontal Cordillera structural province and at the southern tip of the Central Volcanic Zone. This places Josemaría within the Pampean Flat-Slab Subduction segment (Ramos et al, 2002) which lies between 27° 00' and 33° 30' S latitude. Subduction of the Nazca Plate beneath South America began to flatten approximately 20 Ma ago creating a type distinctive magmatic environment that has resulted in three significant mineralized belts: El Teniente District above the southern transition, El Indio District centrally above the widest part of the flat slab and Maricunga-Farallon Negro Districts above the northern transition (Kay and Mpodozis, 2001) and (Vila and Sillitoe, 1991).

The Frontal Cordillera was built during late Paleozoic to early Mesozoic Gondwanides orogeny. This Andean-style, subduction related orogeny was accompanied by the accretion of several minor exotic terranes. The granitic to granodioritic units of Permian-Triassic age found at Josemaría belong to this orogenic event and are probably the plutonic counterpart of the volcanics in the Choiyoi Formation (Ramos et al, 1986). During Tertiary time, magmatism related to the Andean orogeny, produced thick, widespread volcanic-volcaniclastic cover of andesitic to rhyolitic composition.

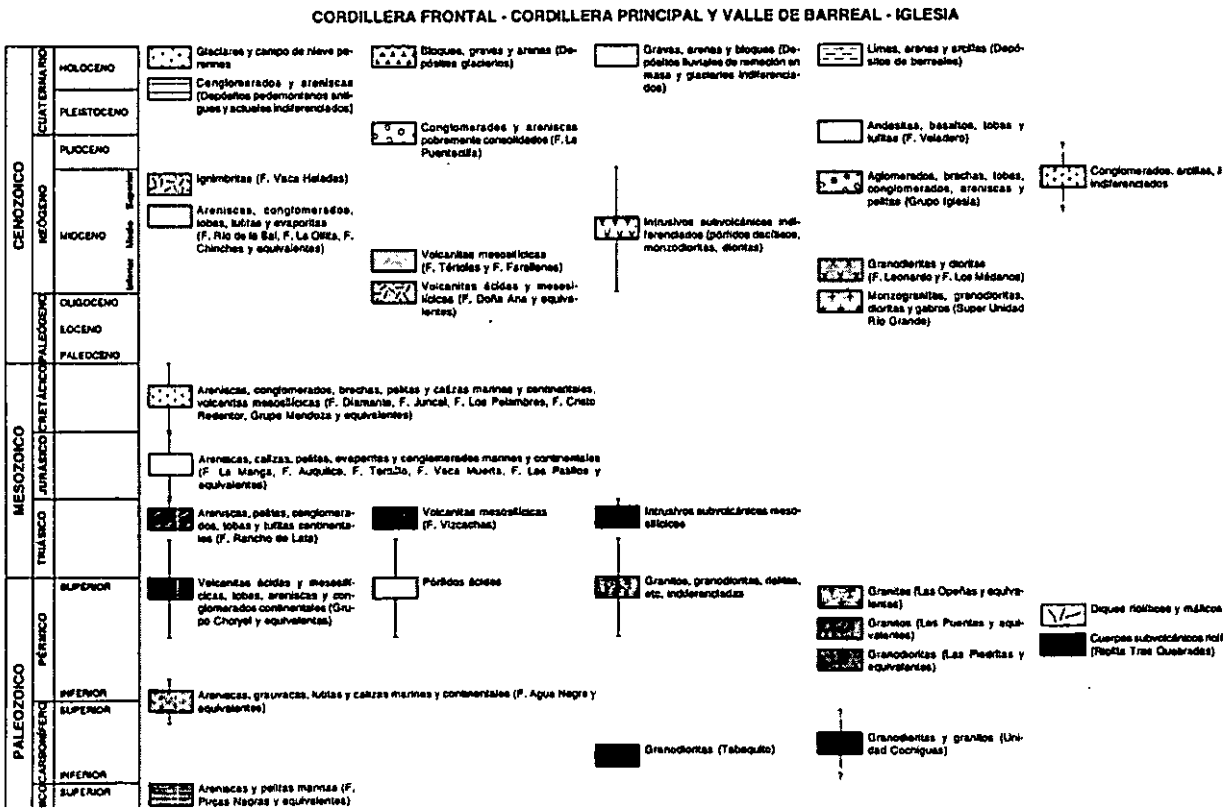

Figure 7.1 Regional Geology Units

The following map is excerpted from (Ragona, 1995). The map is of the northern tip of San Juan province.

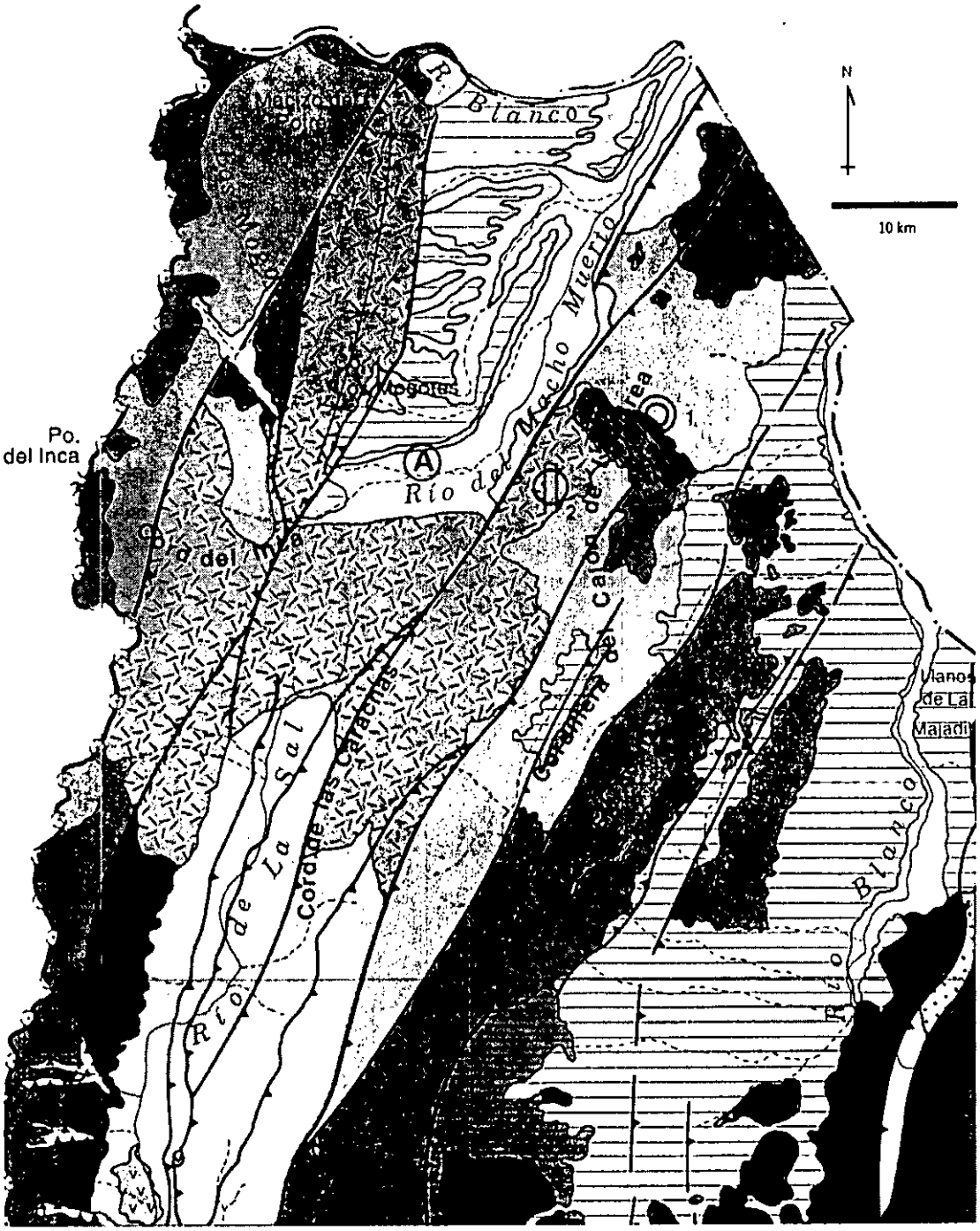

Figure 7.2 Regional Geology

The immediate region of Josemaría is dominated by eastward-verging polycyclic structures from the Andean and to a lesser extent, Gondwanide orogenies. In addition, a few of the westward-verging thrust faults were formed as backthrusts. Mesozoic extensional structures still exist as N-S elongated horsts and grabens, some of which were reactivated during subsequent Cenozoic tectonic inversion. These reactivated, high angle reverse faults bring Tertiary volcaniclasitc sequences in contact with Paleozoic volcanics and batholithic scale granites Grabens have enabled the preservation of Jurassic – Eocene volcanics (Los Cuartitos and Chapitas Formations) which in turn have been intruded and/or covered by a volcanic / volcaniclastic package grouped under the name Doña Ana Group.

Lithological Units

Paleozoic

Carnerito Formation / Chollay Unit / Choiyoi Group

Carboniferous to Permian (Triassic?).
This is the oldest stratigraphic event in the area and comprises a series of granitoid intrusions, batholitic in scale, some of which have been elevated in horst blocks. Compositionally, these vary from granite to granodiorite. Radiometric age dates between 233 and 224 Ma have been reported, which identifies the intrusions as late Triassic.

Choiyoi Group (or Pastos Blancos Formation)

Permian to Triassic.
This group, sometimes identified as a formation comprises of a series of volcanics of mainly andesitic and rhyolitic composition, some of which are porphyritic. Subvolcanics and lavas commonly include pyroclastic layers. This series overlays the Paleozoic units in horst blocks. The agglomerates and pyroclastic breccias that host the hydrothermal breccias and silicified structures in the NW of the property may correspond with this unit. Intrusives that probably correspond with this group are seen as coarse textured granodiorite porphyries which intrude Paleozoic units. All outcrops encountered during reconnaissance mapping have been strongly altered and associated with the hydrothermal breccias.

Mesozoic

Los Cuartitos Formation

Upper Jurassic to Paleocene.
Reddish and violet, very fine grained sandstones of continental origin. Basaltic and andesitic flows of up to 15m thickness occur near the top of the formation. The formation is correlated with the Chilean Pircas Formation.

Chapitas Formation

The formation is a mixed sedimentary and volcaniclastic package composed of intercalated purple to reddish conglomerates, agglomerates and tuffs, superimposed on rocks of the Choiyoi or interfingered

with Jurassic units. The formation is correlated with the Chilean Grupo Purilactis.

Tertiary

Doña Ana Group

This group includes the Tillito and Escabroso Formations. The rocks are a sequence of volcanics, pyroclastics and subvolcanic intrusions varying in composition from andesite to dacite and latite, deposited in a continental magmatic arc environment during the early Miocene (between 25 and 22 Ma).

Various sources refer to the Doña Ana as either a Formation or a Group. Since usage in Suramina Mining Corp reports refer to it containing the following two formations we will consider it a group in this report.

Tillito Formation

The formation consists of coarse textured porphyritic, andesitic and dacitic flows. Plagioclase and rounded quartz phenocrysts are present. A distinctive feature is partially oxidized biotite. The formation also contains volcanoclastics mixed with agglomerates, tuffs and volcanic breccias.

Andesitic volcanic flows contain a strong penetrative foliation (N-S predominant orientation) and plagioclase phenocrysts in a greyish green groundmass. A distinctive characteristic of this unit is partly oxidized biotite.

Escabroso Formation

The formation comprises massive, fine grained tuffs with rare lithic and crystals, lapilli sized fragments. The tuff is the product of a regional scale ash fall of highly variable thickness.

Quartz diorite porphyry / Doña Ana Group

Upper Oligocene to lower Miocene.
Composition varies from quartz diorite to granodiorite and quartz monzonite. Generally fine grained, hypidiomorphic, and locally associated with magmatic and hydrothermal breccias. Hornfels is present at many of the contacts.

Cerro de las Tórtolas Formation

Consists of a sequence of volcanics corresponding with a constructive phase of overthrusting and thickening that started in the mid-Miocene. This resulted in magmas having greater difficulty in ascending through a thickened crust of andesitic to dacitic composition. The final unit is basaltic to andesitic.

Veladero Formation

Basaltic to andesitic composition volcanics covering much of the central part of the property may be

Veladero Formation or correlative. This includes the basaltic-andesitic volcanics that unconformably overlay the quartz-diorite porphyry that hosts the Cu-Au-Mo mineralization.

Quaternary

Unassigned alluvial and colluvial material

Recent alluvial material consisting of subangular gravels and unconsolidated sands with frequent cobble and boulder size material currently fill the valleys and depressions. Much of the northern extent of Josemaría, in the Rio Blanco valley, is under colluvial material. Glacial sediments have been mapped on adjacent properties but none have been reported on Josemaría.

Property Geology

The oldest known rocks in the Josemaría area outcrop in the north and west and are medium grained granites and granodiorites believed to correspond to the Permian-Triassic Carnerito Formation of the Choiyoi Group. In the central zone area are porphyritic flows of andesite-dacite composition possibly equivalent to the Tillito Formation of the Doña Ana Group. These rocks are intruded by medium to coarse grained, porphyritic granodiorites containing phenocrysts of plagioclase, quartz and secondary biotite. In places potassium feldspar laths are visible.

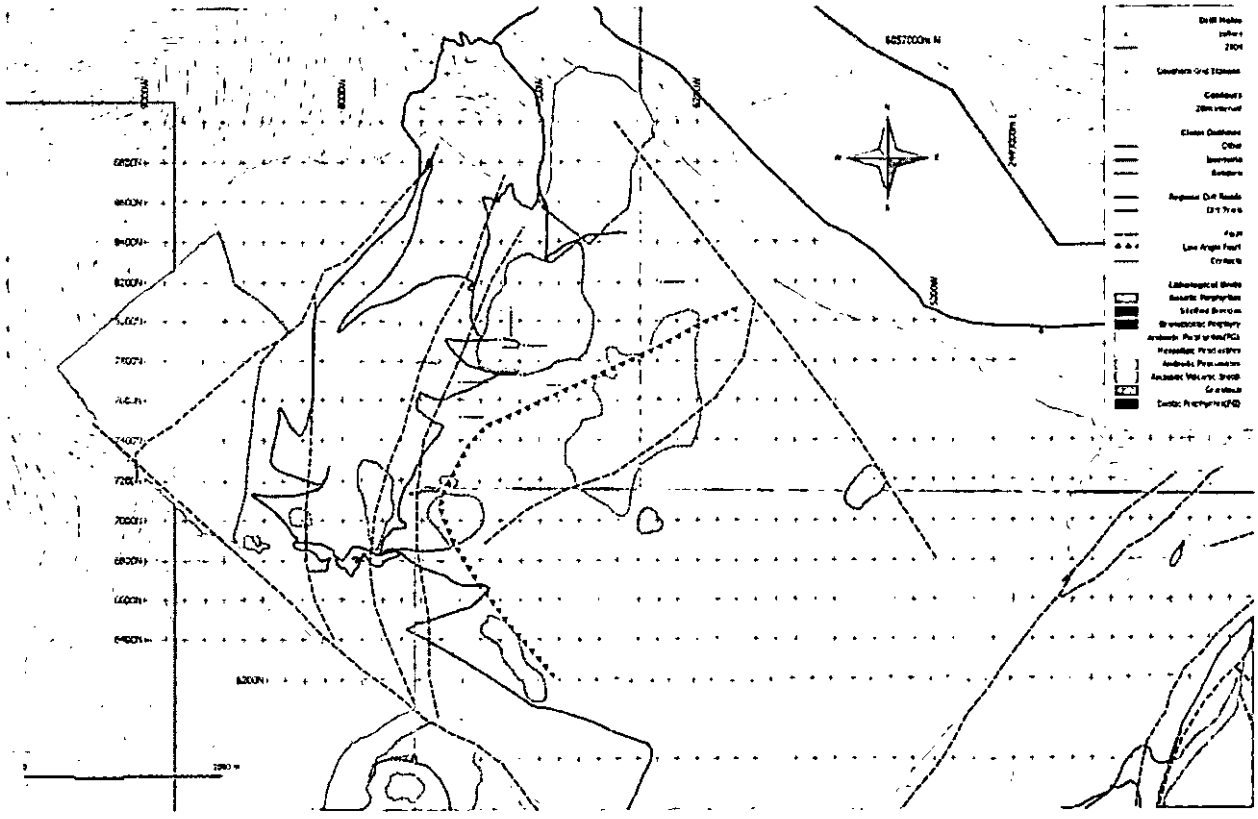

Figure 7.3 Property Geology

Also in the central area are a sequence of pyroclastics of dacitic to andesitic composition positioned sub-horizontally above the andesitic flows mentioned above. Crowning the previous sequence are volcanic sequences of basaltic to andesitic composition.

Intensely silicified, hydrothermal breccias outcrop in various parts of the property. Some of these outcrops are elongated along a NNE orientation. They contain strongly silicified clasts and matrix, vugs of iron oxides and native sulphur. Near the central zone, a series of three hydrothermal breccias have been mapped forming a line spacing the breccia outcrops at 1000m and oriented at approximately ESE. Two of the outcrops are elongate in a NNE direction and no currently mapped structural control connects the breccias. Consequently, the linear relationship of the three outcrops is either coincidental, or the result of deeper source with no surface expression. The two eastern breccia outcrops (at 7000N, 6450W and 7200N, 5300W) are also adjacent to magnetic highs.

Tectonic breccias are also reported on the property. Some of these appear to be associated with the low angle fault(s).

Toward the south is a sequence of pyroclastic andesites, fresh to sub-propylitic, in contact with a volcanic breccia containing an andesitic matrix supporting syenitic(?) clasts.

During the 2005/2006 field season more effort was placed on petrology and property geology interpretation. Property geology terminology was formalized and the descriptions of the various lithology units are summarized in the section below.

Edad	Litologías
Qt	Basaltos y Basaltos andesíticos Brechas Hidrotermales Qz+Hem
Tc	Vulcanitas andesíticas/basálticas estériles Brechas Tectónicas Tobas, Vulcanitas y/o porfiríticas dacíticas con alteración Argílica Avanzada Porfiritas Dacíticas/Andesíticas intrusivas Vulcanitas porfíricas Dac/Andesíticas con alteración Filica leve s/Propílica o Subpropílica, mineralizadas con venilleo de Sil, Hem
Pm-Tr	Vulcanitas traquíticas de la Fm Choiyoi Granito grueso de la Fm. Choiyoi

Table 7.1 Lithology

Basalt and Andesitic Basalt

The principal outcrops in the area occur at higher elevations at Josemaria and on the southern flank. Outcropping rocks are dark green to black in color, magnetic, with an aphanitic texture and without any observable quartz veins. This unit was not intersected in any drill hole.

Hydrothermal Breccias

Hydrothermal breccias are variable in shape and size and are characterized by a high silica content, as silica cement, and various limonites. Breccia fragments are variable in composition, size and alteration, some being characterized by advanced argillic alteration, massive silicification, and vuggy silica. Outcrops of hydrothermal breccias are aligned approximately east-west in the southern half part of the project area and have been intersected over 20 to 30 meter intervals in drill holes: JMRC14, JMRC19, JMRC20 and DDH05, with some anomalous in gold (e.g. DDH05).

Andesitic Volcanics

This unit includes volcanics with variable composition (dacitic/andesitic/basaltic volcanic breccias) that dominate the project area and are tectonically superposed on intrusive rocks and other porphyries by a low angle SW-NE fault dipping 25° to the SE. This unit is devoid of mineralization including sulfides, Cu oxides and Au. This unit is magnetic in character, has a very fine texture, very little or no alteration and with low intensity veining (without quartz). This unit is apparent in section 7400 N where it is cut by drill holes JMRC-16, JMRC-15 and JMRC-18 where it reaches approximately 90 m in the last hole (not true thickness).

This unit is in places characterized by intense, texture destructive advanced argillic alteration, silicification, sericitization, with intense quartz stockwork and pyrite veinlets. These rocks form a positive topographic expression in the western sector of the project area (called "El Dedo") and extend in a north-south direction to the Río Blanco River. The rocks are observed in holes JMRC-27, DDH-02, JMRC-03, JMRC-32, JMRC-21, JMRC-13, DDH-07 and DDH-03.

These rocks are distinctive in that they are characterized by an absence of magnetite, a totally obliterated texture, white to pale gray in color, high PRS (relative % of sulfides), with primary and secondary copper sulphide mineralization. They are affected by advanced argillic alteration to depths that vary between 50 and 80 metres, thereafter grading into strong phyllic alteration characterized by pervasive silica, sericite and illite as shown in the photos below. The first photo shows volcanics affected by advanced argillic alteration, abundant pervasive silicification with oxides and clays in fractures DDH-03 at 33 m depth. The second photo shows the same volcanic unit characterized by strong phyllic alteration in hole DDH-02 at 187 m depth.

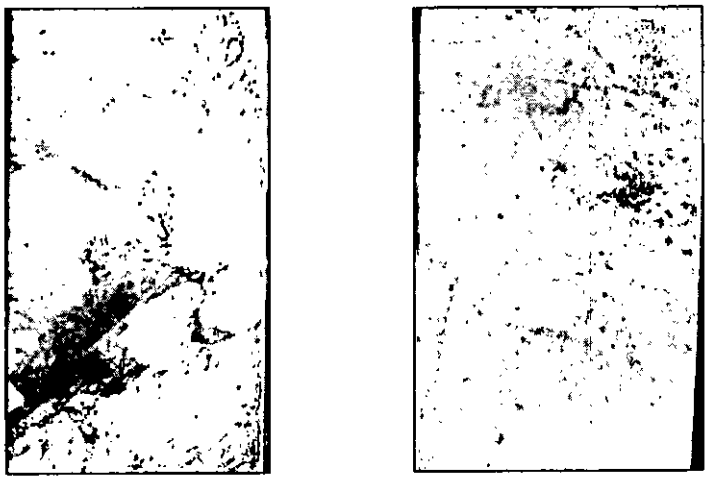

Figure 7.4 Andesitic Volcanics

In general, gold and copper values are low within zones of argillic alteration, while zones of phyllic alteration are elevated in gold and copper being characterized by secondary copper sulfide enrichment and perched primary mineralization.

Intrusive Dacitic/Andesitic Porphyries

Dacitic/andesitic porphyry rocks rarely outcrop, being limited to surface exposures in the area of drill holes JMRC-04, JMRC-08 and JMRC-19. Porphyries are mainly silicic-andesite to dacite in composition (according to the petrographic report of E. Tiddy), cut by narrow, aphanitic intrusive bodies that are dark in color, and hydrothermal breccias. These rocks vary in texture according to the

degree of alteration, however appear to be more phyric towards the west and in the center of the intrusive body. Composed mainly of phenocrysts of quartz, plagioclase, biotite and mafic primary minerals, these rocks are cut by quartz stockwork and veinlets of pyrite and chalcopyrite. Observed secondary sulfides are chalcocite and covellite and are more abundant towards the west, whereas there is a significant increase in molybdenite and magnetite towards the east. This unit intrudes fine grained (aphanitic) andesitic volcanics with contacts that are irregular. These rocks are affected by different alteration styles.

The figure below shows first a photo of dacitic porphyry with SCC alteration (Sericite-Chlorite-Clay) intersected in drilling (DDH-02 at 466 m); second a photo of dacitic porphyry with variable SCC and propylitic alteration with an increase in chlorite and yellow clays (DDH-04 at 283 m); and third a photo of dacitic porphyry affected by potassic alteration with disseminated secondary K-feldspar and biotite (DDH-06 at 621 m).

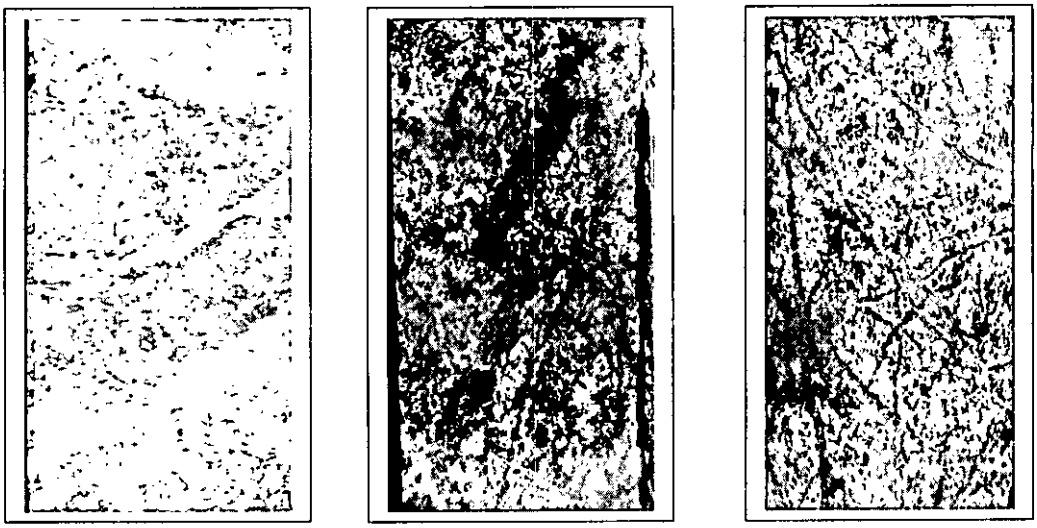

Figure 7.5 Dacite Porphyry

Volcanic Andesitic Porphyry

These porphyries are andesitic in composition, display an aphanitic texture, are gray to greenish in color, are affected by phyllic alteration, and become propylitically altered to the east. They are characterized by quartz +/- pyrite stockwork and veining, magnetite, and hematite and display an irregular to transitional boundary with younger porphyritic intrusives that is, at times, difficult to trace. These rocks have been identified in all drill holes. A greater abundance of secondary copper sulfide mineralization is observed towards the western sector. Like the intrusive porphyries, the magnetic susceptibility and lack of quartz veinlets is more pronounced towards the east.

The figure below shows first a photo of volcanic andesites displaying weak phyllic alteration overprinting propylitic alteration (DDH-04 at 76 m); secondly the same rock (DDH-04 at 156 m).

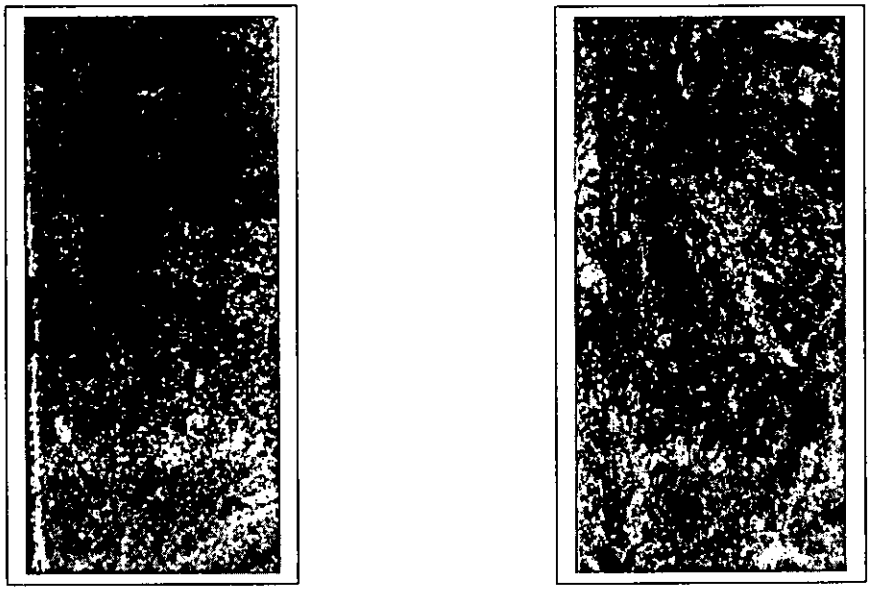

Figure 7.6 Volcanic Andesite Porphyry

Pm-TR Trachytic Volcanics

Permian to Triassic volcanics outcrop to the southwest of Josemaría and correlate with the Choiyoi complex. This unit was intersected while drilling the northwest target in drill holes JMRC-041, JMRC-044 and JMRC-047.

Granitic Intrusives of the Carnerito Formation (Pm - TR)

This unit outcrops to the north-northeast and west of Josemaría. It is of granitic composition, coarse grained in texture, and correlates with several magnetic high anomalies. These rocks are possibly of Permo-Triassic age and belong to the Carnerito Formation. These rocks were intersected at depth in hole JMRC-006 and JMRC-042 without favorable results.

Structure

Strong lineaments grouped in WNW-ESE and NE-SW orientations, cross the area producing the major visible breaks. Studies conducted by Suramina Resources Inc. on the nearby Vicuña Project using

LANDSAT data identified five principal structures of regional faulting. Within Suramina Mining Corp reports these are named: from north to south, *Mogotes Fault Swarm*, *Maranceles Fault Swarm* and *Rio Potro Fault Swarm* all with WNW-ESE orientation. The remaining structures, oriented NE-SW, are named *Cerro Amarillo Fault Swarm* and *Macho Muerte Fault Swarm*. These structures connect the majority of colour anomalies and mineral occurrences in the area. A further N-S feature dividing the Eastern and Western Blocks is terminated and possibly translational between the WNW and NE oriented groups.

Geochemical traces of the faults differ and are sometimes absent but when present, may provide some clues to support structural interpretation and timing of activity. WNW to NNW structures are believed to be strike-slip and related to Andean compressional cycles. Some of these may have been reactivated during uplift with a reverse sense of movement. The NNW structure to the north and north-east of the central zone has a coincident broad, low-Na pattern possibly due to increased fluid flow that resulted in greater plagioclase destruction adjacent to the fault. Gold in not as closely associated with the NW oriented faults as it is with some NE, high angle faults. This is noticeable immediately to the W and NW of the central zone and in a linear Au trace running for >800m about 1km east of the centre of the porphyry intrusive. This pattern implies that NE oriented, gold bearing structure as open or active during the late stages of mineralization. Note that the trace of this NE structure may go under younger basaltic cover to the south and is parallel with the NW edge of the western of the two magnetic highs on the Josemaría – Batidero border.

Considering the shape and spatial relationship between the NW and NE structures there is a distinct possibility that some of the NE oriented structures are dilational components generated within the wider compressional environment that produced the NW strike-slip structures. Porphyry systems are preferentially emplaced in strike-slip environments and associated dilational windows (see (Carranza, 2002), for an example of a study using semi-quantitative methods to examine this relationship empirically, and (Richards, 2003) for a geological overview). On Batidero, an inferred, short N-S structure, probably bounded by intersecting NE and NW structures, follows the main N-S valley. This could represent a dilational jog between NW oriented strike-slip structures. Since direct observation of the geology of this area is obscured by substantial colluvial cover, confirmation is difficult.

An important structure that is not yet fully understood is the low angle fault that reaches surface as the southeastern, upper contact of the central zone granodiorite. It dips between 25° and 35° SE and is believed to wrap around to the Batidero side of the mountain hosting Josemaría. Basaltic-andesitic volcanics above the thrust are fresh to weakly altered (propylitic) in contrast with more strongly altered units (phyllic to potassic) immediately below. Truncation of the porphyry intrusive and sharp break in alteration clearly indicate the thrust is post-mineralization. The down dip direction of the fault tends to follow the down slope direction of the mountain resulting in a reduced thickness for the volcanic cover. Although this low angle structure is often referred to as a thrust, the uplift environment associated with the porphyry emplacement stage could have resulted in low angle extensional structures at higher levels. If that is the case then the original top of the Josemaría Cu-Au-Mo system would have been displaced to the SE.

A number of high angle reverse and strike slip faults are hypothesized on the property, however cover

makes investigation and interpretation difficult even though topography and LANDSAT confirm some form of structural break.

Alteration Mapping

Alteration mapping by LANDSAT imagery was a primary tool used in identifying Josemaría (and Batidero) as exploration targets. Subsequent ground-truthing has confirmed many of the patterns and added mineralogical detail. It is interesting to note that alunite detected using LANDSAT tends to be conservative in coverage and considerably greater extent was found by ground work. Illite, on the other hand, seems to suffer from false positive signals in LANDSAT and groundwork showed significantly less coverage.

Subsequent alteration mapping of the adjacent property, Batidero, was assisted by 59 samples that were collected and spectrographically analysed by PIMA for alteration minerals during the 2000-1 season. This work has continued on Josemaría and alteration mapping has been an important contribution to locating exploration targets. Porphyry intrusive systems and their associated epithermal systems have well documented alteration systems.

As part of the 2005/2006 and 2006/2007 exploration program the alteration mineralogy of each hole has been logged visually and supported by SWIR spectra using PIMA taken from each 10 m interval and selected samples submitted for petrographic analysis by Dr. E. Tiddy.

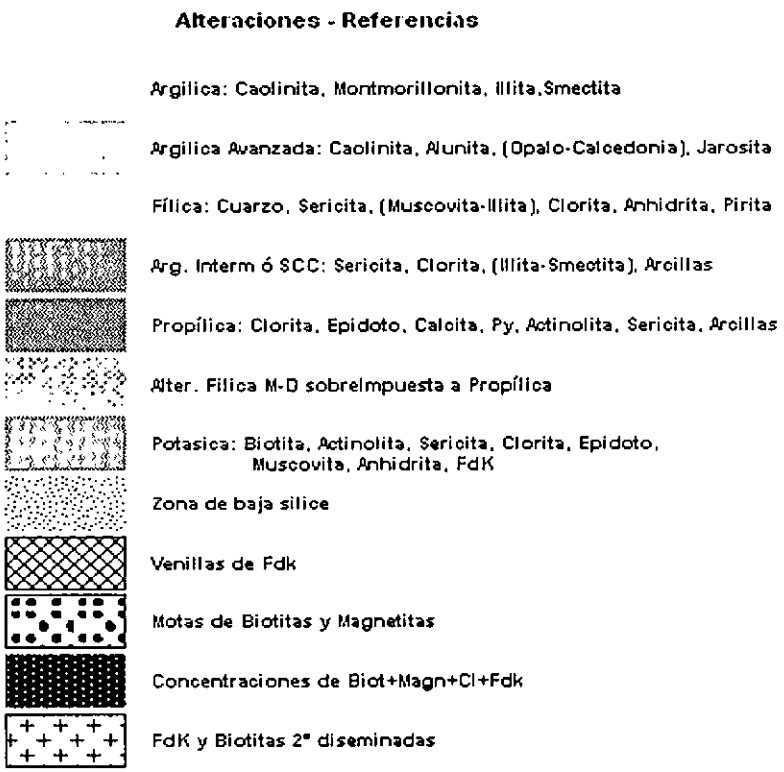

Table 7.2 Alteration Reference

Potassic

Potassium silicate alteration is characterized by potassium feldspar, secondary biotite, magnetite, anhydrite with remnant chlorite and epidote. Pyrite, chalcopyrite and bornite are the dominant sulphides in this zone, although with relative low values of copper (average values in DDH-06 & DDH-07 of 0.13 g/t Au, 0.23 % Cu and 79.5 ppm Mo). In drill holes DDH-06 and DDH-07 this alteration type is evident between 4100 m to 4200 m where a zonation is evident from potassium feldspar veinlets, to secondary biotite and magnetite as shown in the shown in Figure 7.7 first photo below. The second photo shows transition to scattered secondary biotite and potassium feldspar and the third photo shows transition to biotite, magnetite, chlorite and potassium feldspar.

Potassic alteration predominantly associated with quartz diorite intrusive in the core of the central Josemaría zone can be seen in outcrop, trenches and in core. This alteration is characteristic of the centre of porphyry intrusive systems. Late phyllic overprinting can result as the hydrothermal system winds down.

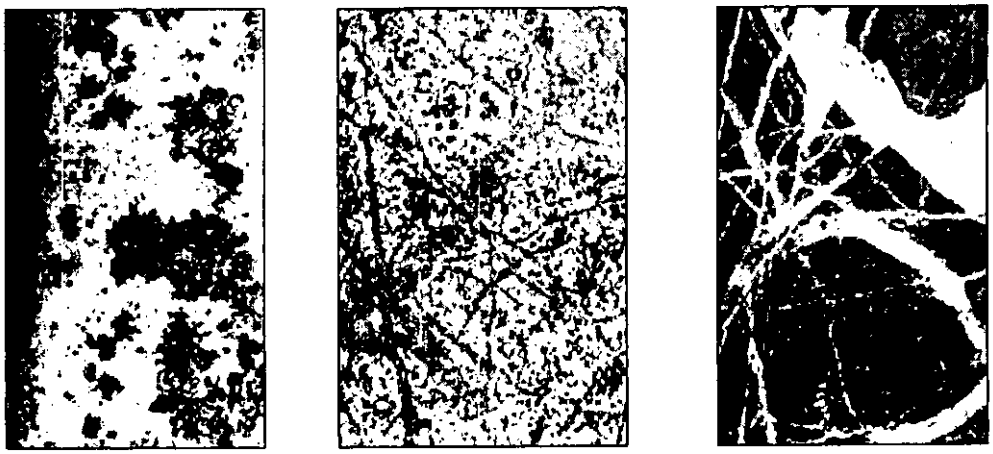

Figure 7.7 Potassic Alteration

Phyllic Alteration

Phyllic alteration is characterized by quartz, sericite and/or sericite-illite, and pyrite which is commonly texture destructive. This alteration mainly affects tuffs, volcanics and intrusive porphyries, especially towards the south (see section 7400 N) where pervasive silica and destruction of feldspars by illite and sericite is clearly stronger than towards the north. In rocks which have undergone phyllic alteration it is impossible to observe chlorite or magnetite. The main mineralogical association of quartz, sericite and pyrite commonly displays a transition to quartz, illite, illite-smectite and pyrite with increasing depth. Associated sulphide minerals include chalcopyrite, covellite and minor bornite and chalcocite. Rocks displaying phyllic alteration are characterized by intense quartz +/- pyrite veining and stockwork with the percentage of sulfides reaching as high as approximately 10 % (DDH-03 at 288 m).

Examples of phyllic alteration are shown in Figure 7.8 below. The first picture shows phyllic alteration in intrusive porphyries (DDH-02 at 214 m); the second picture shows altered tuffs and volcanic porphyries (DDH-03 at 272 m); the third picture shows intrusive porphyries (DDH-02 at 418 m).

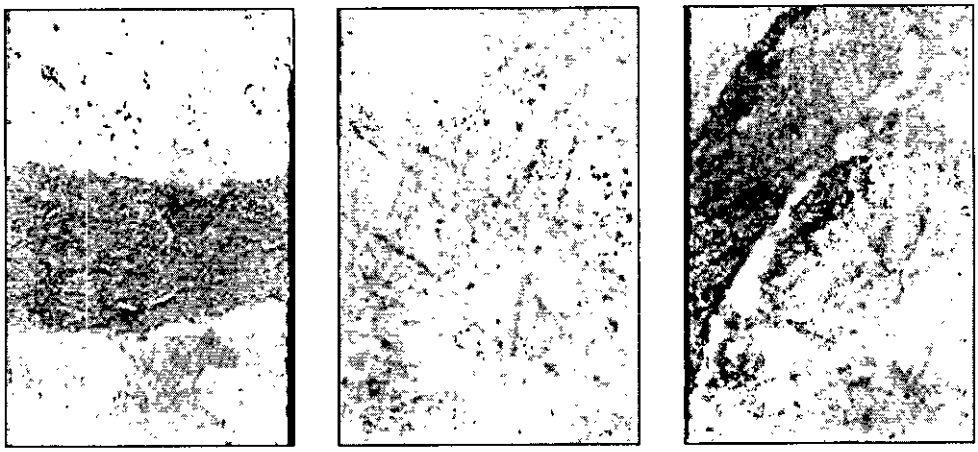

Figure 7.8 Phyllic Alteration

Weak Phyllic Alteration Overprinting Propylitic Alteration

In a number of cases irregular areas of alteration are observed where the effects of phyllic alteration are weaker and where the original texture of the rock can still be recognized. These areas of alteration are characterized by lesser amounts of sericite and a greater presence of chlorite and magnetite. Its mineralogical association is quartz, illite, illite - smectite, chlorite, green sericite, pyrite and magnetite. It affects aphanitic andesites and intrusive porphyritic rocks. It tends to be associated with quartz +/- pyrite stockwork often with chalcopyrite, chalcocite and covellite, especially towards the west. With depth it is transitional to propylitic or SCC alteration.

Examples of weak phyllic alteration are shown in Figure 7.9 below The first picture shows aphanitic andesites with weak phyllic alteration superimposed on propylitic alteration (DDH-04 at 80 m); the second photo shows dacitic porphyry with quartz stockwork with weak phyllic alteration superimposed on propylitic alteration (DDH-04 at 206 m); the third photo shows the same porphyry (DDH-04 at 237 m) with an increase in chlorite.

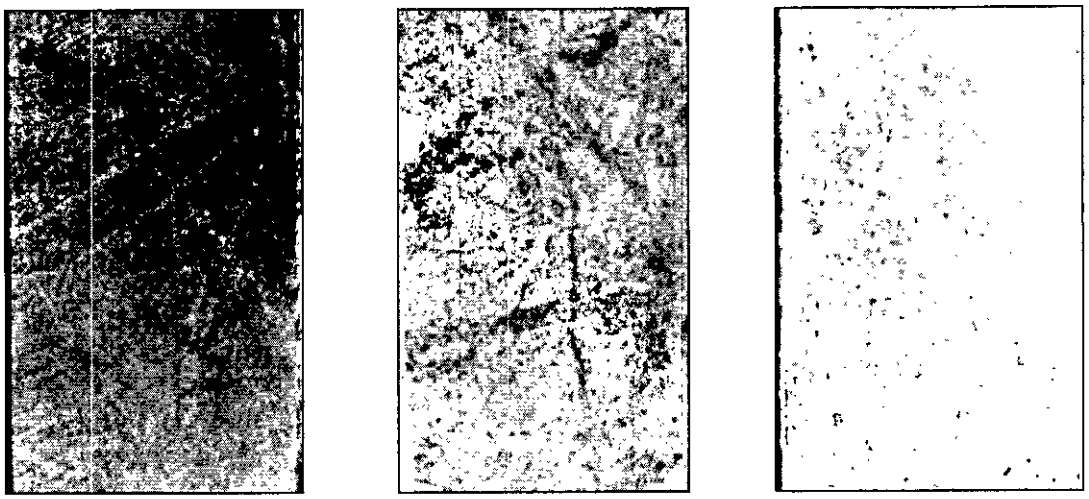

Figure 7.9 Weak Phyllic Alteration Overprinting Propylitic Alteration

Argillic

Five mineral assemblages, identified using PIMA, are consistent with an argillic alteration suite: smectite-kaolinite-illite (Sm-Kao-Ill), smectite-halloysite (Sm-Ha), smectite-illite-silica (Sm-Ill-Si), smectite-illite (Sm-Ill) and smectite-halloysite-illite (Sm-Ha-Ill). These are interpreted as more probably associated with high-sulphidation epithermal systems in Batidero and possibly as late-stage overprinting associated with porphyries in Josemaria. Argillic alteration is predominately associated with andesite flows that host quartz veins, and in hydrothermal breccias hosted by the andesite porphyry.

Advanced Argillic

Three mineral assemblages identified are consistent with advanced argillic alteration: kaolinite-diaspore (Kao-Dia), alunite/alunite-quartz (Al/Al-Qz) and alunite-kaolinite (Al-Kao). This type of alteration is well developed west of the central zone and also affects the andesites and hydrothermal breccias south of the central zone.

Recent work has shown that advanced argillic alteration forms a blanket of irregular thickness, being greatest on the central sections of 7800N and 7600N, and appears to be more extensive within very fine grained porphyries and volcanic tuffs where thickness of up to 80 metres are observed. This alteration type is characterized by pervasive silica, jarosite, and alunite displaying a transition to silica, kaolinite, jarosite, and illite with abundant iron oxides with increasing depth. In plan, advanced argillic alteration forms a north-south trending belt towards the Río Blanco River and corresponds to the leached zone. This zone is rarely anomalous in Au and, to a much lesser extent, Cu.

Examples of advanced argillic alteration are shown in Figure 7.10 below. The first picture shows

alunite, silica, quartz stockwork with jarosite (DDH-02 at 12 m); the second picture shows silica, kaolinite, hematite, jarosite (DDH-03 at 33 m); the third picture shows silica, alunite, kaolinite, illite (DDH-02 at 58 m).

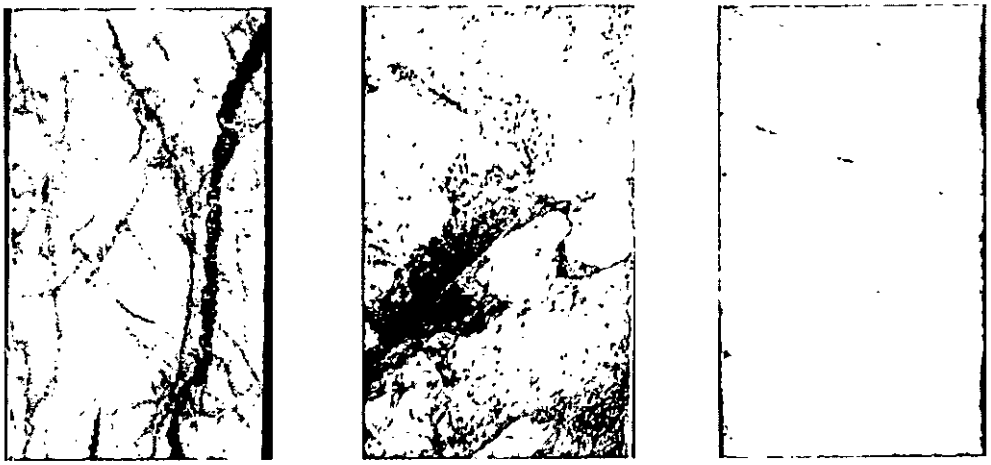

Figure 7.10 Advanced Argillic Alteration

Silicic

Silicification and opaline quartz has been observed in hydrothermal breccias on or near Josemaría and on adjacent propeties. The silicification commonly occurs as pervasive replacement by opaline quartz in the dacites-rhyodacites.

Propylitic

Propylitic alteration occurs regionally within this part of the Frontal Cordillera. It is locally associated with a smectite-chlorite-illite ± pyrite-carbonate (Sm-Chl-Ill) suite. At Josemaria propylitic alteration occurs laterally or perched between phyllic alteration and SCC alteration with a progressive increase towards the east and distal parts of the system. Its distribution and contacts are irregular with abrupt changes over several metres. Its mineral association is chlorite, epidote, calcite, illite-smectite, pyrite, magnetite and hematite. Silica occurs as veinlets that occur occasionally. Copper and gold concentrations are low in spite of some sectors having a high percentage of sulfides. Gypsum veinlets are almost always present and cut quartz veinlets, while plagioclase is sometimes altered to clay. This alteration type normally affects intrusive porphyries.

Examples of advanced argillic alteration are shown in Figure 7.11 below. The first picture shows intrusive porphyries with propylitic alteration with selective destruction of plagioclase to clay (DDH-02 at 281 m); the second photo shows the same rock with propylitic alteration and gypsum veinlets parallel to the core (DDH-02 at 354 m).

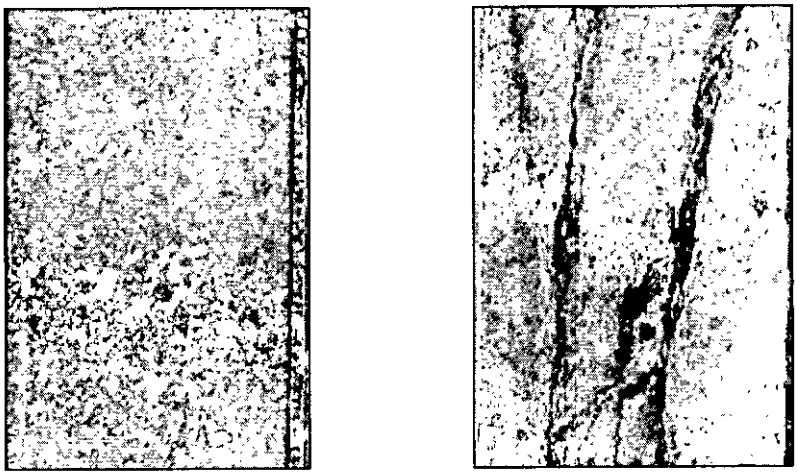

Figure 7.11 Propylitic Alteration Photos

Sericite Clay Chlorite - SCC Alteration

This alteration type overprints propylitic and potassic alteration and typically occurs spatially below phyllic alteration. Its mineral association is characterized by chlorite, green sericite and clay (illite-smectite). Plagioclase is typically altered to yellowish clay or at times completely leached. SCC alteration is also characterized by magnetite, pyrite and gypsum +/- chalcopyrite with lesser amounts of chalcocite and covellite compared with zones of phyllic alteration. Potassic feldspar veinlets are also observed and are considered to mark the beginning or top of the potassium silicate alteration zone. This alteration affects the intrusive porphyries and is accompanied by higher concentrations of Cu and Au. A maximum thickness (240 m) of this alteration type was observed in hole DDH-07.

Examples of advanced SCC alteration are shown in Figure 7.12 below. Different examples of SCC alteration include (a) Chlorites dominant (DDH-04 at 290m); (b) Leached plagioclase (DDH-04 at 305 m); (c) Clay dominant (illite/smectite) (DDH-04 at 313 m); (d) (DDH-02 at 413 m); (e) Chlorite = illite (DDH-02 at 433 m); (f) (DDH-02 at 483m).

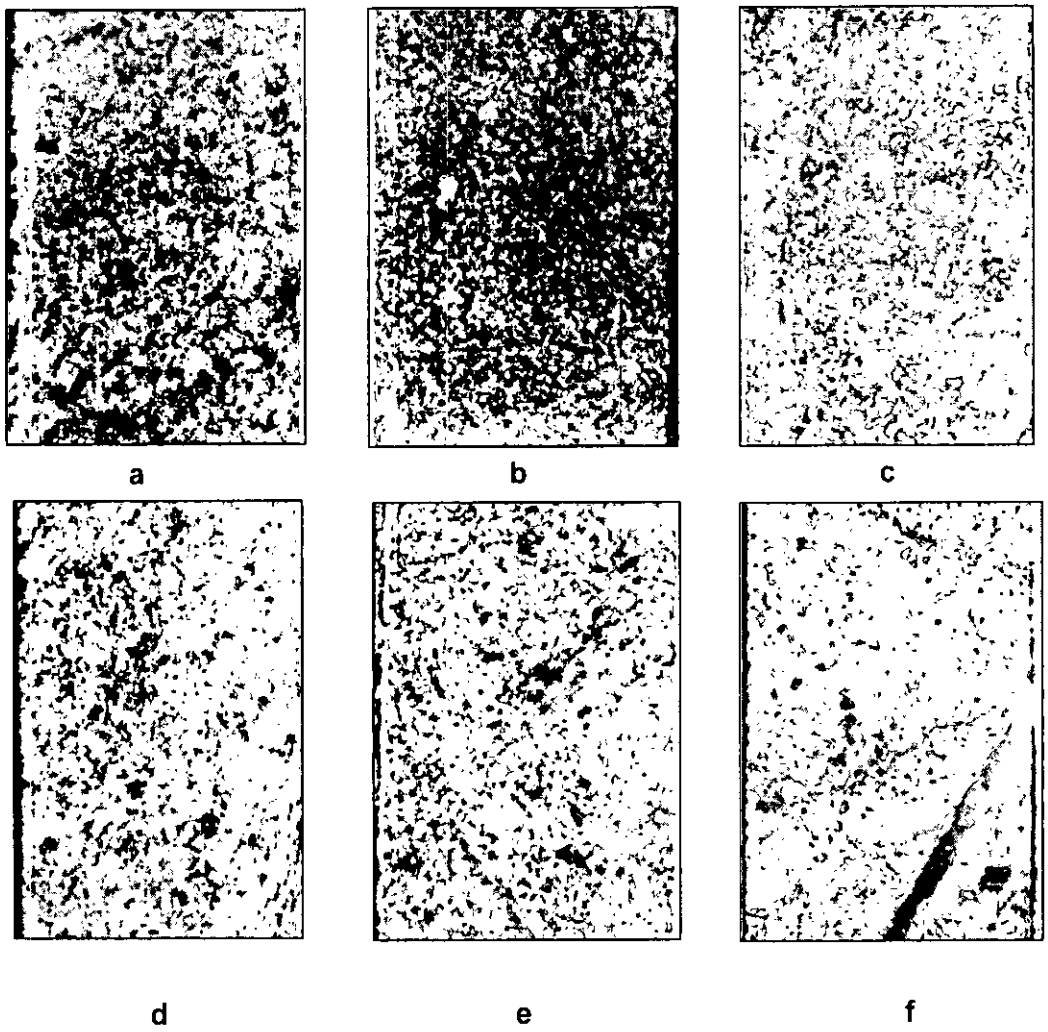

Figure 7.12 SCC Alteration

8.0 Deposit Types

The following deposit models are being considered at Josemaría. Although the project is in early stages of exploration, it has been found useful to apply deposit models at all exploration stages in order to encourage data collection and evaluation in a more systematic manner.

Maricunga Style Cu-Au-Mo Porphyry Systems

The Maricunga Belt of northern Chile contains a number of advanced argillic alteration zones hosting Cu-Au(-Mo) porphyry systems and associated high sulphidation gold deposits. This is a district specific specialization of the much larger family of Cu±Au±Mo porphyry systems found throughout the Pacific Rim. Porphyry systems are a major source of Cu, Mo and to a lesser extent Au and can be very large systems. Porphyry related deposit models have been studied and documented in considerable detail over the last few decades and the interested reader is directed to papers by (Muntean and Einaudi, 2000), (Muntean and Einaudi, 2001) and (Richards, 2003).

Porphyry systems are found in intrusive belts associated with subduction generated magmatism. They are formed in the ascending magmas below volcanic systems. Broad alteration of the surrounding rocks and intrusives takes place as hot fluids are pumped through by the convective heat engine in the core of the system. Concentric shells of alteration and mineralization can develop around porphyry systems and this systematic zonation is an important characteristic of porphyries that enables geochemistry and alteration mapping to provide vectors to ore. Ore contains both disseminated sulphides and various veinlet and stockwork systems which also host sulphides. Metal grades in porphyries are lower than in deposits with massive sulphide bodies, but the large volume of the system leads to economies of scale potentially resulting in the porphyry being of economic value.

An important characteristic of porphyry districts is that they do not form deposits in isolation. A number of porphyry systems tend to be emplaced in proximity. This is known to be the case in other Maricunga Belt systems such as Refugio where mineralized porphyry bodies as spaced in the order of 1km apart. This spacing is important to consider when evaluating step out exploration at Josemaría.

High / Low Sulphidation Epithermal Au-Ag Veins

Although Cu-Au-Mo porphyry systems can be large and economically attractive, some of the prospects in the Maricunga Belt include epithermal Au systems. These are a secondary target at Josemaría but are being considered as geochemical, geophysical and geological data is evaluated. Epithermal systems may host veins with economic deposits of Au and Ag. The variety of epithermal styles is quite large and has been studied in depth over the last few decades. Epithermal styles typical of the Maricunga Belt are described in the papers mentioned above.

Epithermal vein systems are associated with distal and/or late stages of porphyry intrusions. They are the result of convective and magmatic fluid flow through structure controlled plumbing systems leading to the surface. The temperature, chemistry and other characteristics of the system result in the range of epithermal systems.

9.0 Mineralization

Based on the current stage of development, Josemaría seems similar to porphyry mineralized systems found the Maricunga belt. It is characterized by disseminated sulphides, mineralized quartz veinlets and some sulphides on fracture surfaces hosted within a granodiorite to quartz diorite intrusive. Pyrite, chalcopyrite and bornite and noted as disseminated and in quartz veinlets with chalcocite, pyrite and chalcopyrite reported on fracture surfaces. Disseminated magnetite is described as is occasional epidote. Specular hematite and magnetitie are noted in quartz veinlets in the intrusive.

To the west of the central zone there are indications of a NNW trending quartz-alunite zone. This is distinguished both by a change in alteration style and geochemistry (significant increase in Au/Cu ratio). While quartz-alunite ledges enriched in Au are found in Maricunga style deposits, not all are economic.

To the southeast, the mineralized zone appears to be upwards truncated by a post-mineralization, low angle fault that has brought a younger volcanic sequence over the older intrusives. The sense of motion on this fault is currently unclear. Considering the relative height of the fault within a compressional system experiencing significant uplift, there is a significant possibility the fault is extensional. In that case, the shared top of the central zone has been displaced in a roughly southeasterly direction.

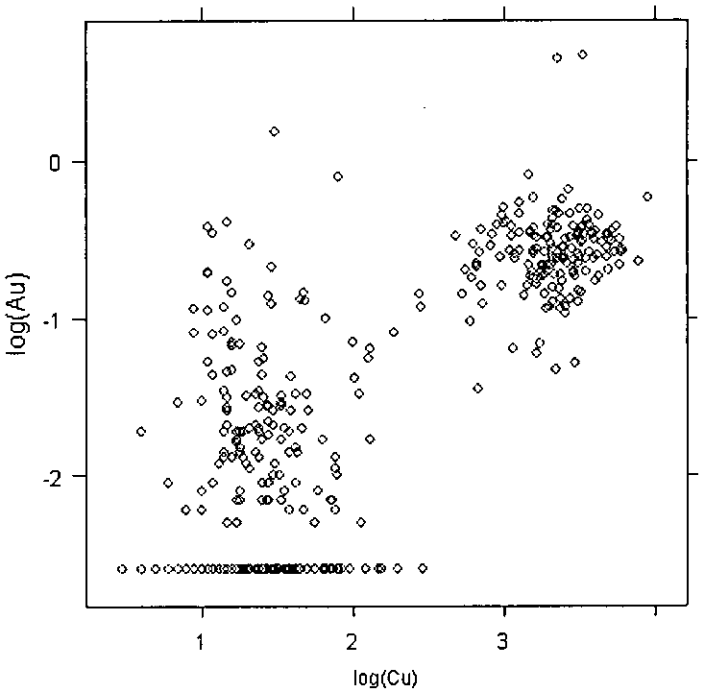

Figure 9.1 Copper versus Gold in Rock Chip Samples (N=389)

Mineralization styles specific to the Maricunga belt are described in (Muntean and Einaudi, 2001) and have been used to help interpret work at Josemaría. Two of the four vein styles found in a Maricunga-style system have been tentatively identified at Josemaría. These two styles are the late stage, D-type veins (pyrite with minor quartz and quartz-sericite-pyrite haloes and local tourmaline) and quartz-alunite ledges. Some elevated gold values are reported with the quartz-alunite suggesting that they are late stage quartz-alunite ledges, not the early stage, barren, quartz alunite ledges also found in Maricunga Belt systems. These late stage veins can be moderately distal to the core of the porphyry system, but as the system collapses the environment where they form may contract inwards. The quartz-alunite to the WNW of the central zone is quite close to what is believed to be the core of the system. Other than the proximity, there is currently no indication of structural reduction in section and the proximity is assumed to be due to available fluid conduits to a collapsing system.

The two early vein types – A-type (quartz-magnetite-biotite-chalcopyrite with additional variable minerals) and banded quartz veins may both be present at Josemaría as well. Core drilling in the current season is likely to be able to determine if weathered veins seen at surface in the core, potassic alteration zone are in fact equivalent of the A-type veins.

In Figure 9.1 two features can be identified (both Cu and Au are $\log_{10}()$ transformed from ppm). The high Cu with high Au cluster does not show noticeable correlation between Cu and Au. The trend of lower Cu values shows a greater range in Au that is independent of Cu. This suggests two different mineralogies, possibly existing as two of the vein types previously described. A clear break at about 300 ppm for Cu divides high Au values into those with or without high Cu. Talus samples with low Cu and high Au are associated with the quartz-alunite alteration to the NW of the core and to the NE with

sporadic values scattered to the south as well.

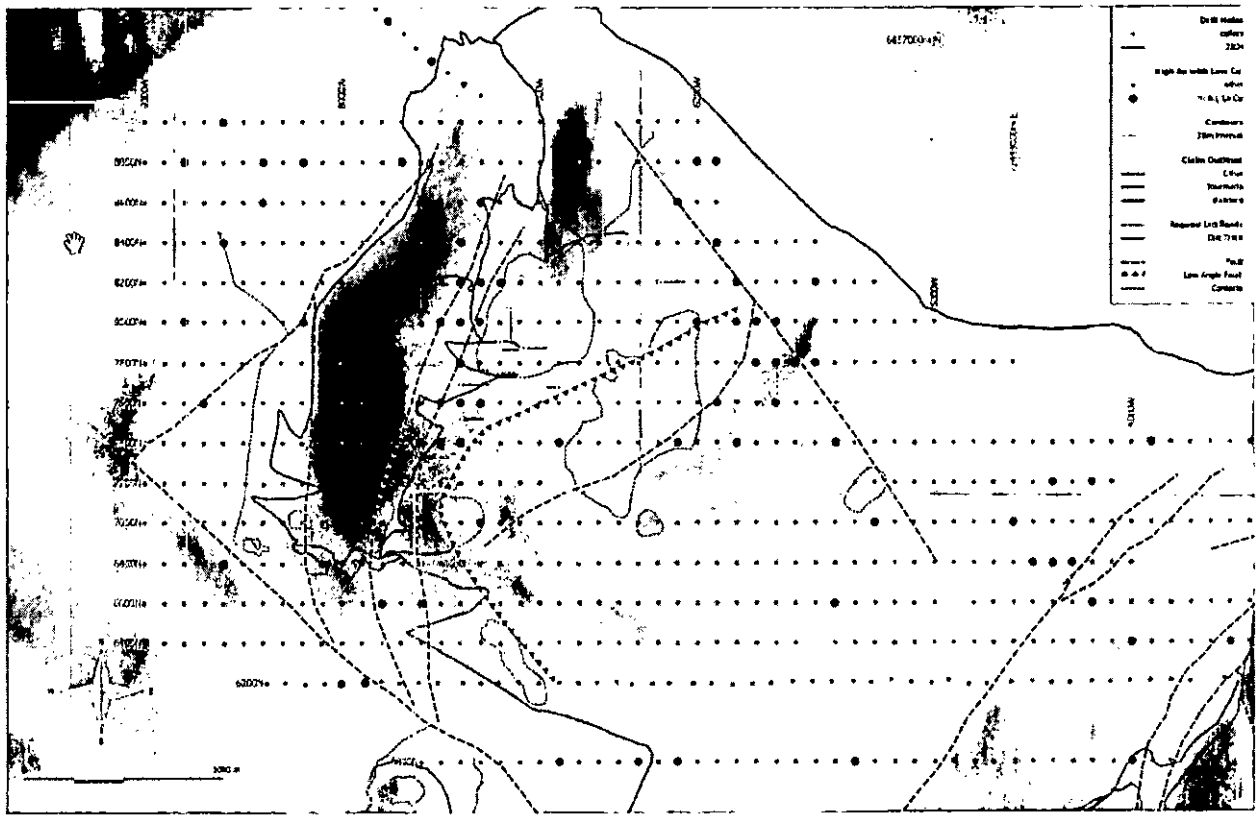

Figure 9.2 Talus samples with anomalously high gold values but low copper values

The style of mineralization seen at Josemaría tends to be continuous, forming roughly bulbous shapes. Since the mineralization is not tabular or planar there is not the sense of true versus apparent thickness found in some mineralization styles such as vein-type deposits. Consequently, the interval lengths at Josemaría are meaningful and definition of the shape of mineralization and grade will be clarified by the interpretation of the results from current and future drilling.

10.0 Exploration

A total of 5 exploration field seasons have been completed that include significant work on the Josemaría project.

2002/2003 Field Season

The work completed on Josemaría in this season was a component of a larger program on the combined Josemaría-Batidero project. The grid established on Josemaría is a continuation of that used on Batidero and uses an origin of 2,453,600E, 6,847,600N (GKCI Zone 2) with lines oriented parallel to the GKCI grid.

Geochemical Surveys

Table 10.1 2003 Rock Chip Samples

Sample Type	*Quantity*
Rock chip	106
Talus fines	219

Talus Fines

Systematic talus-fines sampling was carried out across part of the central zone and peak areas of the property. Results are discussed below with all three seasons consolidated.

Chip Samples

Two trenches, following road cuts, were sampled. Each sample was taken over a 3m interval whenever possible.

Trench 1 (T1) was through a green, fine grained porphyry containing plagioclase and quartz phenocrysts, quartz veins with specular hematite and abundant copper staining on fractures. The results of the trench were 109.2 m of 0.36 g/t Au (including 69 m of 0.408 g/t Au), 0.22% Cu (including 46.2 m of 0.34% Cu) and 57 ppm Mo.

Trench 2 (T2) was also through a porphyry but medium to coarse grained and with additional phenocrysts of potassium feldspar and secondary biotite. In addition to similar veins to T1, magnetite was also present. The results of this trench were 148.5 m of 0.174 g/t Au, 0.17% Cu and 11.35 ppm Mo.

Geophysical Survey – CSAMT

A total of 16.68 km of CSAMT (Controlled Source Audio-Magnetic Tellurics) was conducted by Quantec Geoscience Argentina S.A. CSAMT is a deep looking resistivity method able to identify deep structural zones. The data was processed using a 1D, depth sounding, inversion method. CSAMT did identify a number of resistive bodies in the Josemaría area. However, the author concludes that this was the least useful of the three geophysical methods applied at Josemaría since the majority of the geophysical contribution to drill targeting appears to have been based on magnetics and chargeability.

2003/2004 Field Season

Further detailed mapping, some enabled by the additional exposure due to road cuts, was conducted in the central area.

Geochemical Survey

Talus fines sampling

Samples were collected along portions of the previously established grid using the same methods as previous seasons.

Table 10.2 2003 Talus Fines Samples

Sample Type	*Quantity*
Rock chip	185
Drill Samples	1739
Drill replicates	77
Talus fines	132

The results of the multi-element geochemical data were analysed spatially in a MapInfo database. A comprehensive review of all elements was routinely conducted to identify existence of geochemical patterns that might reflect information of geological significance or indicate problems in sampling, contamination or laboratory procedures.

Chip Sampling

Chip sampling was almost entirely confined to trenches constructed in road cuts. These were mapped and sampled during the season. Trenches T1 and T2, started during previous season, were extended and three additional trenches were added in this area – T4 and T5 oriented roughly E-W and T6 oriented N-S and connecting T1, T2 and T4.

The extension to T1 was for a total of 41 m of which 30 m averaged 0.654 % Cu, 0.25 g/t Au and 53

ppm Mo. Trench T1-W over 78 m averaged 0.22% Cu, 0.43 g/t Au and 35 ppm Mo. Trench T2 was extended for approximately 79 m with 48.15m averaging 0.30% Cu, 0.26 g/t Au and 33 ppm Mo. Trench T4 runs for approximately 65 m of which 48.6 m averaged 0.28% Cu, 0.19 g/t Au and 25 ppm Mo. Trench T6 runs for 545 m over which it averages 0.27% Cu, 0.26 ppm Au and 33 ppm Mo. Trench T5 was sampled over 25 m of which 10 m returned 0.27% Cu, 0.13 g/t Au and 28 ppm Mo. This sample was at the end of the sampling series. Since trenches follow roads with curves, sampled lengths are greater than the direct (line-of-sight) distance from the beginning to the end of the trench. This has the most effect in T6 which has an effective length of approximately 450 m.

Geophysical Survey

One objective of the 2003/2004 geophysical program was to delineate magnetic intrusive bodies. This was partly driven by the scarcity of outcrop in parts of the project area. A 30.45 line kilometre program of ground based magnetics was performed by Quantec Argentina S.A. Using the existing talus sampling grid 12 lines from L6800N to L9000N were partially sampled at 10m intervals. These were processed for diurnal correction and reduced to pole using an inclination of -28.3° and a declination of 1.2°.

On the completion of the magnetics program it was immediately apparent that there was a close correlation between the Cu-Au-Mo geochemical anomaly identified in talus and trenches during 2002/2003 and a magnetic high that extended to the south, possibly under andesitic-basaltic cover. Responding to these results an IP-resistivity program was conducted on nine lines – six talus sampling lines oriented E-W and three cross-lines oriented N-S. This data was processed using 2D inversion methods to produce resistivity and chargeability sections. Magnetic data is presented as surface measurements in a plan map form. Depth and orientation of features in the magnetic data is determined by interpretation. Resistivity and chargeability models generated by the IP survey are vertical slices with depth and shape information for the horizontal plane. Horizontal continuity is inferred between sections. Consequently, the primary orientation of magnetic and chargeability models at Josemaría are perpendicular to each other and interpretation should use these complementary strengths when making geological inferences.

Both of these geophysical surveys were quickly recognized as successful techniques. Magnetite disseminated in the intrusives and within veinlets offers a simple interpretation of small circular and larger irregular shaped magnetic highs. Chargeability has been connected between lines into more linear, roughly N-S shaped zones. The relationship between these and intrusives, structures or mineralization is more difficult to interpret than the magnetic data. The magnetic high of the central zone corresponds with a core of reduced chargeability surrounded by higher chargeability zones. This is consistent with the exploration model which would expect an increase in pyrite in the shell surrounding the core of the system. The low chargeability core can be traced in sections from 8200N to 7600N. From 7600N and in sections to the south, a slab of low chargeability cover thickens and probably eventually obscures the continuation of the target zone if it continues to the south. A break in chargeability seen on 7400N and centred at 7300W is at 300 m to 400 m below surface and may be below the practical depth of investigation for the method. The low chargeability slab appears to dip to the east and is consistent with andesitic to basaltic cover above the low angle fault mapped at the top of

the central zone.

To the NE of the central zone, on line 8000N a smaller low chargeability feature with surrounding high chargeability is noted. The high chargeability region to the east on lines 8000N and 8200N is coincident with a spatially small magnetic high. This combination of both magnetic and chargeability high (centred near line 8200N at 6300W) distinguishes the feature from the central zone. Talus geochemistry in the area gives anomalous Cu-Au-Mo values but the extent of secondary dispersion is not known. The geochemical anomaly could easily have derived from a source coming to surface near line 8000N at 6650W. Drill hole JMRC-06, the only hole of the 2003/2004 season not to intersect significant mineralization, targeted the coincident magnetic and chargeability high. This may represent the pyritic halo of an intrusive core on line 8000N.

Adjacent to El Dedo (a resistive and topographic feature near 7700N, 7700W), and extending to the north and possibly south, a chargeability low is coincident with a subtle magnetic high. Immediately to the east, in the vicinity of El Dedo (possibly associated with a high angle, NNE fault mapped through that area) is a NNE elongate magnetic low. This magnetic low was tested at El Dedo by drill hole JMRC-03 and some mineralization was encountered. The area to the east and the north of El Dedo has not been tested but could be indicative of a deeper intrusive that has weak Cu-Au-Mo expression on surface. The depth of investigation is not clear in this area and the apparent depth limitation of the chargeability low is suspect. A low chargeability region surrounded by higher chargeability is observed as far south as 7200N centred on 7800W and may be a continuation of that feature seen near El Dedo. This is the southern most IP line and the chargeability low is coincident at depth with hydrothermal breccias. Again, the depth of investigation is unclear in this area and the chargeability low may not be bounded at depth.

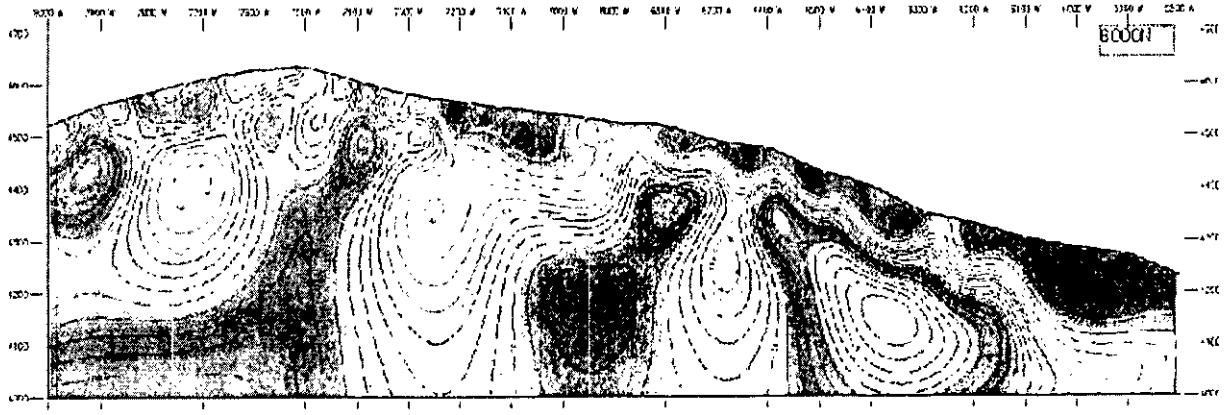

Figure 10.1 Chargeability on Line 8000N from 8000W to 5800W, ticks are 100 m spacing

The previous figure shows the low chargeability cores detected in L8000N. JMRC-04 was drilled to the south, or out of the page and clearly is testing the lower chargeability core below it. The other two

chargeability lows are also exploration targets. The eastern, smaller feature does not seem to have much N-S extent onto other sections. The other low chargeability feature west of the peak does have significant N-S continuity.

Drilling

A total of 3475 m of reverse circulation drilling was conducted in ten holes. Samples were taken every two metres for multi-element geochemical analysis by ALS Chemex. Nine of the ten holes focused on testing the central zone. One hole was used to test a smaller, and superficially similar anomaly 900 m to the northeast of the central zone. This latter hole (JM RC-06) was the only one not to return significant mineralization.

Table 10.3 2003/2004 RC Drill Holes

Name	*Easting*	*Northing*	*Elev*	*Az*	*Dip*	*Length*	*Samples*
JM RC-01	2446192	6855292	4697	90°	-65°	370m	185 + 8
JM RC-02	2446503	6855329	4656	270°	-70°	370m	185 + 9
JM RC-03	2446090	6855389	4587	270°	-70°	350m	175 + 8
JM RC-04	2446456	6855670	4526	180°	-65°	354m	178 + 7
JM RC-05	2446700	6855277	4616	270°	-80°	370m	185 + 8
JM RC-06	2447215	6855799	4440	90°	-65°	300m	150 + 7
JM RC-07	2446512	6855468	4603	270°	-70°	304m	152 + 7
JM RC-08	2446400	6855506	4606	270°	-70°	357m	179 + 9
JM RC-09	2446520	6855476	4602	90°	-70°	350m	175 + 7
JM RC-10	2446199	6855116	4782	90°	-70°	350m	175 + 7

Physical Work

During the 2002 to 2004 seasons a total of 56.62 km of roads and trenches were constructed on the Josemaría and Batidero properties. These were achieved using 379.3 hours of a Caterpillar D8R bulldozer and 351.0 hours of a 950F front end loader.

Conclusions and Recommendations from 2003/2004

A central feature of approximately 2.5km in diameter was delineated by coincident Au, Cu and Mo anomalies, sub-propylitic to propylitic alteration and sub-outcrops of medium to coarse grained, porphyritic granodiorite to quartz diorite in the core of the zone. This central core has indications of potassic alteration. This zone is bordered by a halo of argillic and phyllic alteration. To the west the alteration is predominantly advanced argillic while to the north and northeast it is predominately phyllic. To the south this area is bounded by a northeast striking thrust fault dipping approximately 35° to the southeast. A sequence of fresh to propylitic, Late Tertiary volcanics and pyroclastics truncate the

mineralized porphyry above fault contact.

The geochemistry of the talus sampling also shows a low-Na halo surrounding the central zone – typical of the andesites and indicating plagioclase destruction. Along the northern edge of the grid another low-Na pattern coincides with a high-Zn. A WNW trend identified in the ground magnetics, possibly associated with a fault, is also coincident with this low-Na / high-Zn trend. This association may reflect alteration and geochemical mobility associated with this proposed fault.

In the 2002/2003 season, CSAMT (resistivity) showed the presence of a strong conductor coincident with the topographic feature known as "El Dedo". To the east it is in contact with a resistor attributable (exclusively?) to the characteristics of the rocks located there (fresh to weakly altered granites). Further east of El Dedo there is another resistor of smaller size, concordant with the outcropping of coarse grained granite porphyry.

The results of the magnetic survey indicated the presence of three magnetic lineations oriented in a ENE-WSW direction. These are intersected by other, lower intensity magnetic trends oriented NW – SE and the two orientations form a pair consistent with structural characteristics observed on the ground. The central zone contains a magnetic high feature about 800 x 400m and coincident with and displaced to the south of a medium to coarse grained holocrystaline porphyry. Toward the west there is a magnetic low above "El Dedo", an area with advanced argillic alteration. The northern part of this magnetic feature is coincident with Cu-Au-Mo in talus.

Drilling identified a zone of disseminated Au and Cu mineralization approximately 400 x 400m in size. This zone was open to the southwest, south and southeast. It was also open at depth with particular note drawn to JM RC-10-04 which ended in 50m averaging 0.62% Cu.

2004/2005 Field Season

Mapping

A series of three major outcrops of hydrothermal breccias were mapped which line up in an E-W orientation. It should be noted however that this orientation is not one of the dominant ones observed on the property and the linear relationship may be coincidental. The two larger breccias are elongated N-S and NE-SW respectively. Although there is no surface expression of an E-W structure connecting these breccias, there may be a deeper source that when combined with an intersecting structure controls their emplacement. One of the most important results of mapping was the discovery of quartz-diorite to granodiorite outcropping on the south side of the mountain hosting Josemaría. This was in an area known as the "mass movement" area and coincides with the intersection of 310° and 060° structures. The porphyry is visually similar to that found in the central zone, particularly in trenches T2 and T6. It is possible that this indicates a continuation of the porphyry system seen in trench T7 approximately 1000m south of the original outcrop.

Table 10.4 2004 2005 Talus Fines Samples

Sample Type	*Quantity*
Rock chip (Trenches)	4
Talus fines	80

Geophysical Survey

An infill and southern extension magnetic survey was conducted by Quantec Geoscience Argentina S.A. Results were combined with previous data also collected by Quantec and reprocessed. The reprocessed magnetic data was reviewed for the Harrop report. It confirmed previously known structural trends, but shows several previously unknown magnetic features along the southern edge of Josemaría and extending into Batidero. Neither have geochemical signatures similar to the central zone in Josemaría but this is believed to be due to andesitic-basaltic cover. Both have adjacent breccias on surface. The eastern magnetic high is smoother and lower in amplitude suggesting it might be deeper, which would be consistent with what is known about the depth of cover. The western of the two newly found magnetic highs is south (and possibly east) of a structure running NE for over 800m that has a weak magnetic low and anomalous Au values in talus associated with it. The NW edge of the western magnetic high is parallel to this structure.

Discussion

LANDSAT and talus sampling have been used with success on the Josemaría project. Both methods are susceptible to cover and the consequences of this are worth a short comment. LANDSAT works well when there is little or no mixing of terrestrial surface cover within each cell (approximately 25 x 25m). Josemaría has the advantage of very little vegetative cover which can make detection of geologically interesting alteration signatures difficult. Since LANDSAT is strictly measuring surface reflectance properties it has absolutely no penetration of the subsurface. While measurements along or near ridge tops may reflect *in situ* material, lower slopes and valleys are covered in colluvial or alluvial material that effectively blinds LANDSAT remote sensing. Lack of an alteration signature when other positive indications (i.e. magnetics or chargeability) exist need not diminish a target's priority.

Talus geochemistry will penetrate further than LANDSAT, but samples in deep overburden will probably reflect a source other than the local bedrock. Talus samples taken on lower slopes and alluvial planes in the Josemaria and Batidero area are likely not always seeing through transported overburden.

LANDSAT, magnetic and IP surveys have provided methods with good subsurface penetration which has been confirmed by drilling and trenching. When used to identify district (or larger) scale linear and

curvilinear traces, LANDSAT is effectively able to look through cover by identifying topographic features caused by underlying geology. At Josemaría this has primarily been used to identify fault structures, some of which probably have genetic relationship with the prospects.

Geochemical Survey

Talus sampling was completed to infill a number of holes on Josemaría and to extend further south onto the Batidero. Sampling has followed the same methods as the two previous seasons.

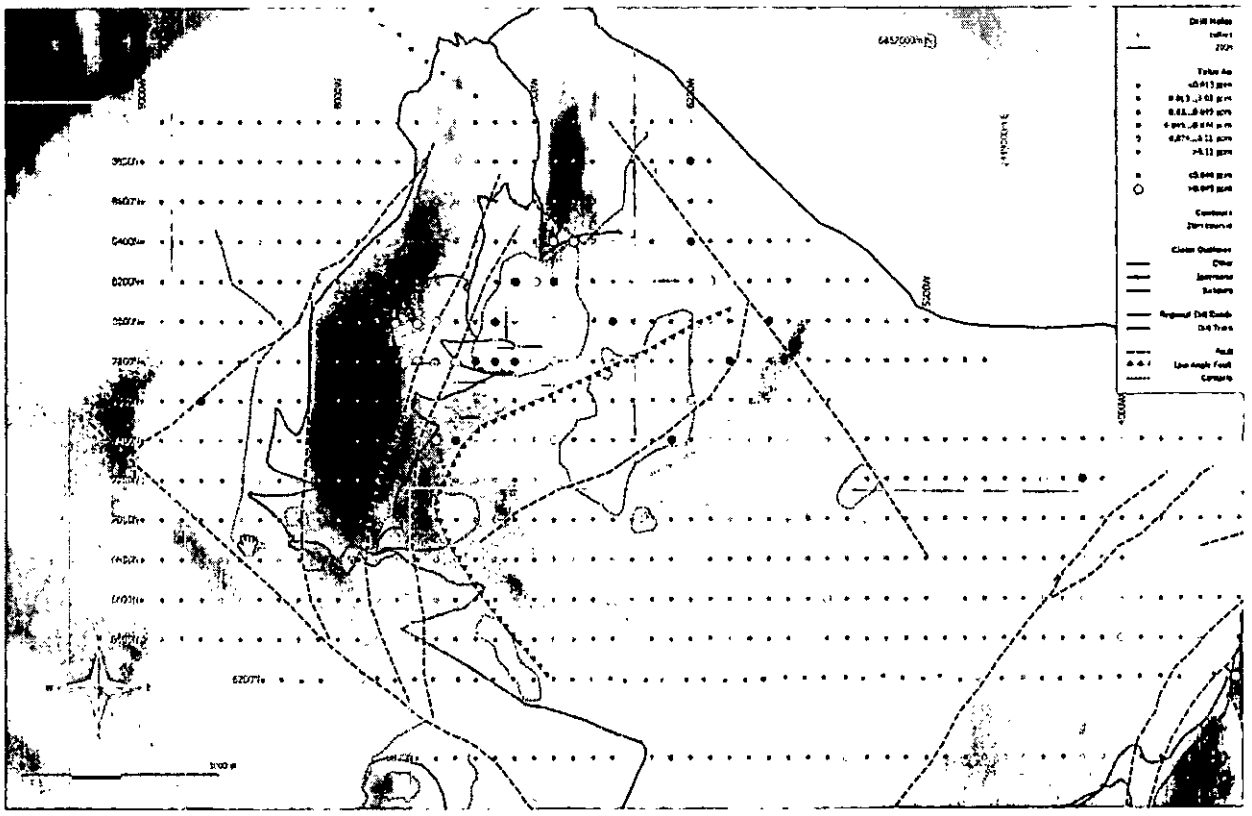

Figure 10.2 Gold in talus samples on shaded relief background

Talus sampling at Josemaría and Batidero has been done with care to ensure that a good sample, representative of 100 linear metres was collected. These samples were typically collected at a depth of 30 to 40 cm. When an anomaly may have been displaced downhill there has so far been no real difficulty in tracing the source. The strongly linear nature of talus sampling at Josemaría and Batidero is not well represented with the usual scaled and coloured dots. The samples are truly linear and not point samples.

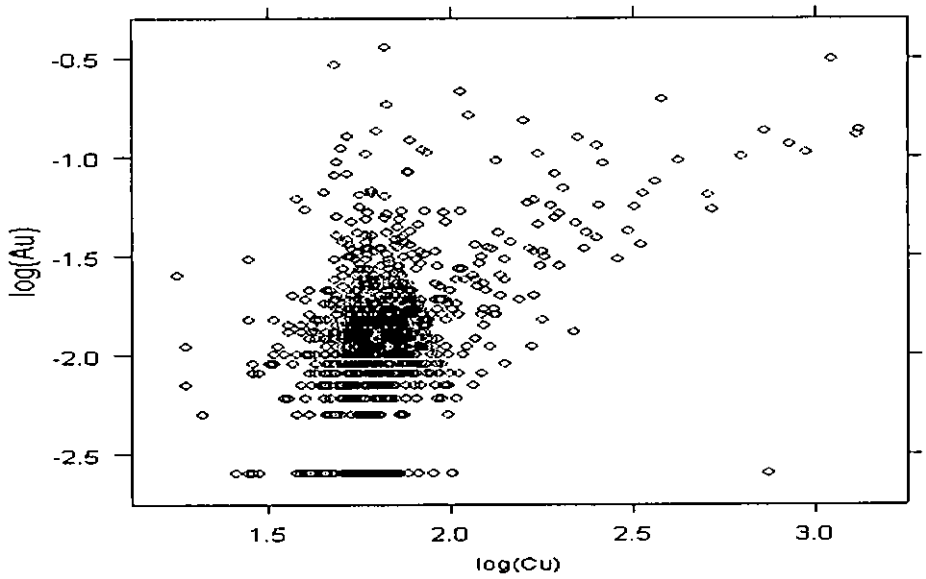

Figure 10.3 Gold and Copper Scatter Plot

The scatter plot above, in Figure 10.3, illustrates the relationships between gold and copper values in talus. Two distinct relationships can be clearly distinguished. A background population is seen clustered in the low-gold and low-copper region. A trend of data emerges from the background with a positively correlation between copper and gold. In addition, a second trend emerges with gold independent of copper. When compared to the previous scatter plot of Cu and Au in chip samples, the positively correlated trend looks very much like a mixing effect between porphyry related mineralization and background material. The vertical trend – Au independent of Cu looks similar to the high Au/Cu ratio seen in Au enriched quartz-alunite ledges.

Sampling took place extending 13 lines and totalled 23,100 m. These sample locations are shown in blue in Figure 10.4 below.

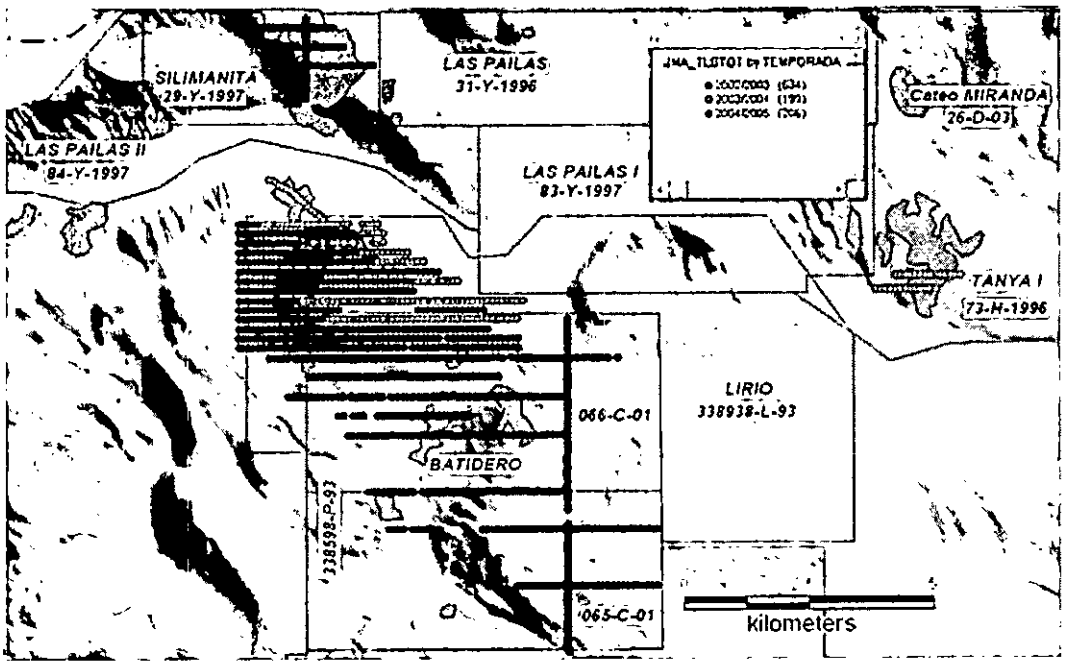

Figure 10.4 Sample line locations 2002 to 2005

The sample line summary for 2005 is shown in Table 10.5 below.

Table 10.5 Sample Lines 2005

LINEA	LONGITUD (mts)	LONG. ACUMULADA (mts)
6400 N	5700	5700
6600 N	5700	11400
6800 N	3400	14800
7000 N	400	15200
7200 N	3400	18200
7400 N	1300	19500
7600 N	400	19900
8000 N	400	20300
8200 N	800	21100
8400 N	700	21800
8600 N	200	22000
8800 N	600	22600
9000 N	500	**23100**

The sample type distribution for the 2004-2005 field season is shown below in Table 10.6.

Table 10.6 Sample Type Distribution

TIPO DE MUESTRA	DESDE	HASTA	TOTAL	TOTAL ACUMULADO
TALUD	21501	21729	228	228
CHIP	21730	21734	5	233
CHIP	32051	32065	15	**248**

The gold, copper, molybdenum, lead, zinc and arsenic grade distributions for the updated sample grid is shown in Figure 10.5 through Figure10.10 below.

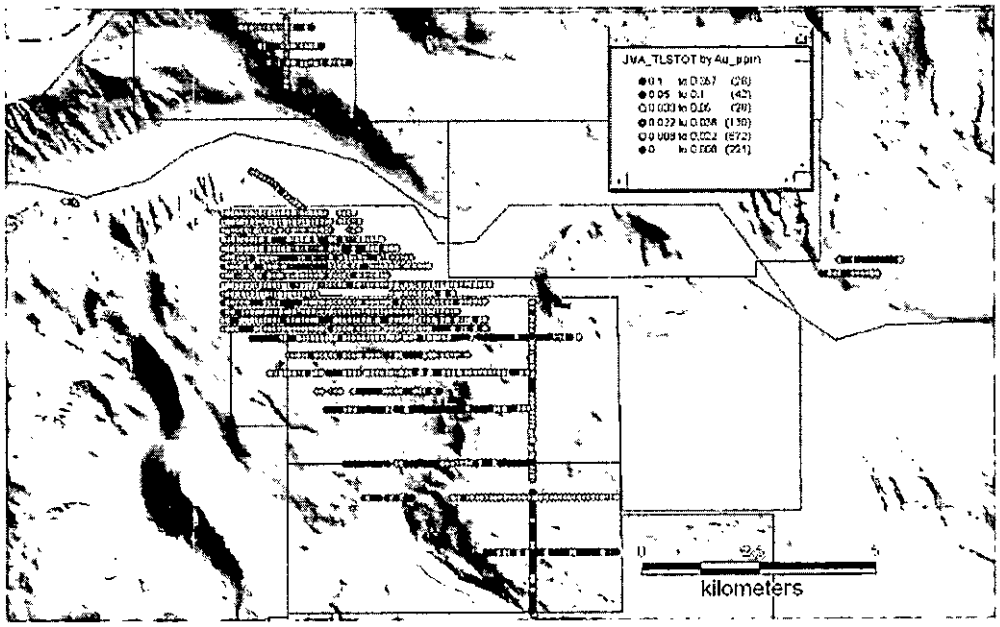

Figure 10.5 Gold Assays – Au ppm

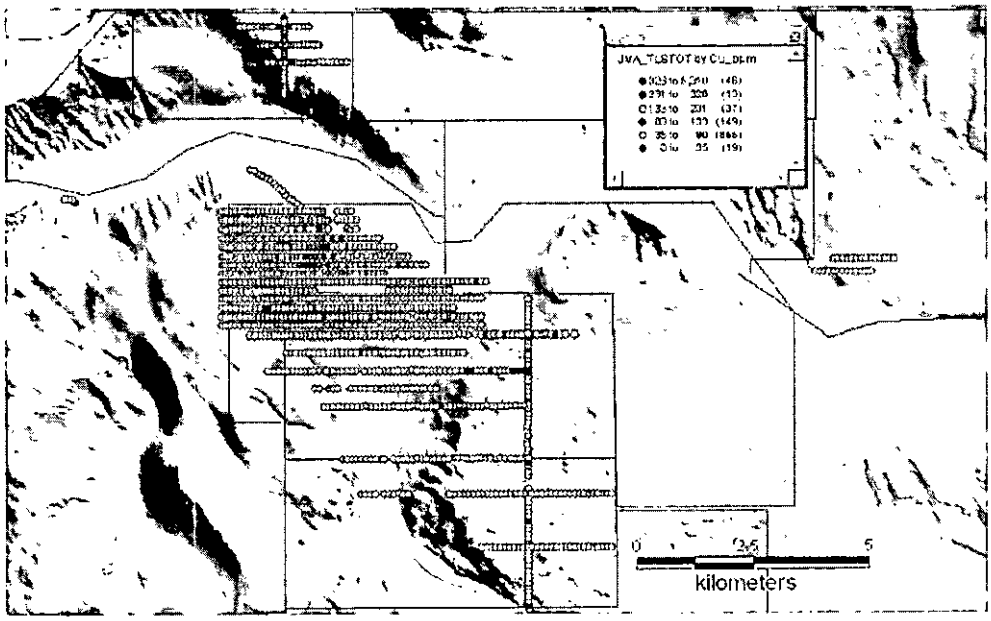

Figure 10.6 Copper Assays – Cu ppm

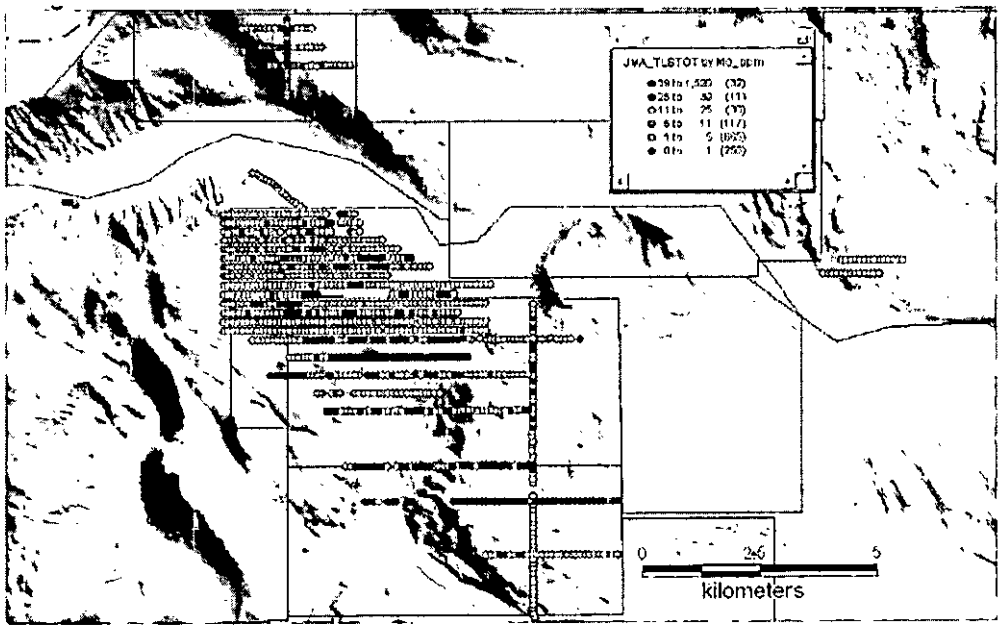

Figure 10.7 Molybdenum Assays – Mo ppm

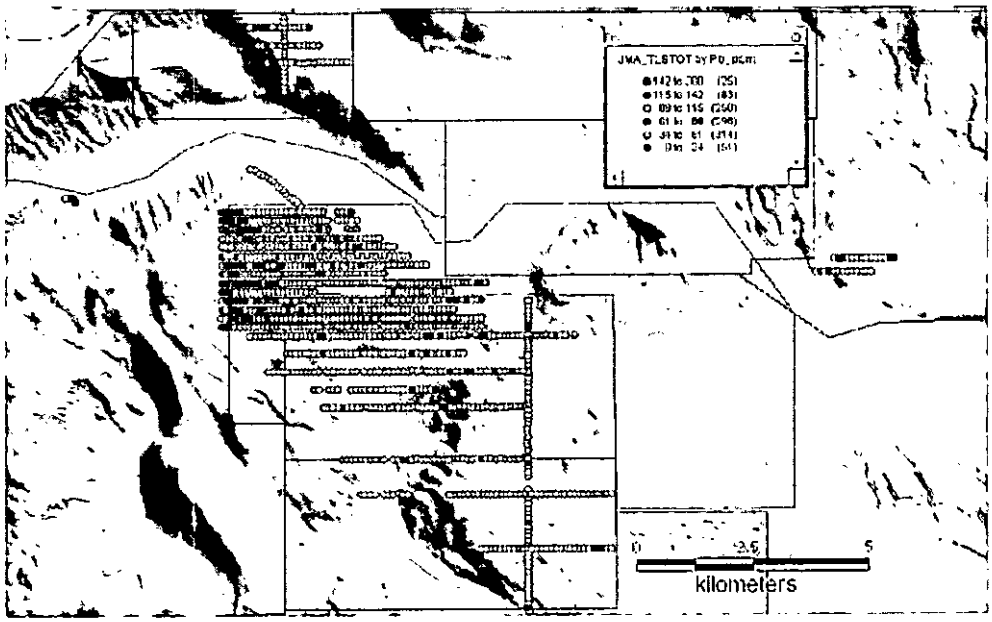

Figure 10.8 Lead Assays – Pb ppm

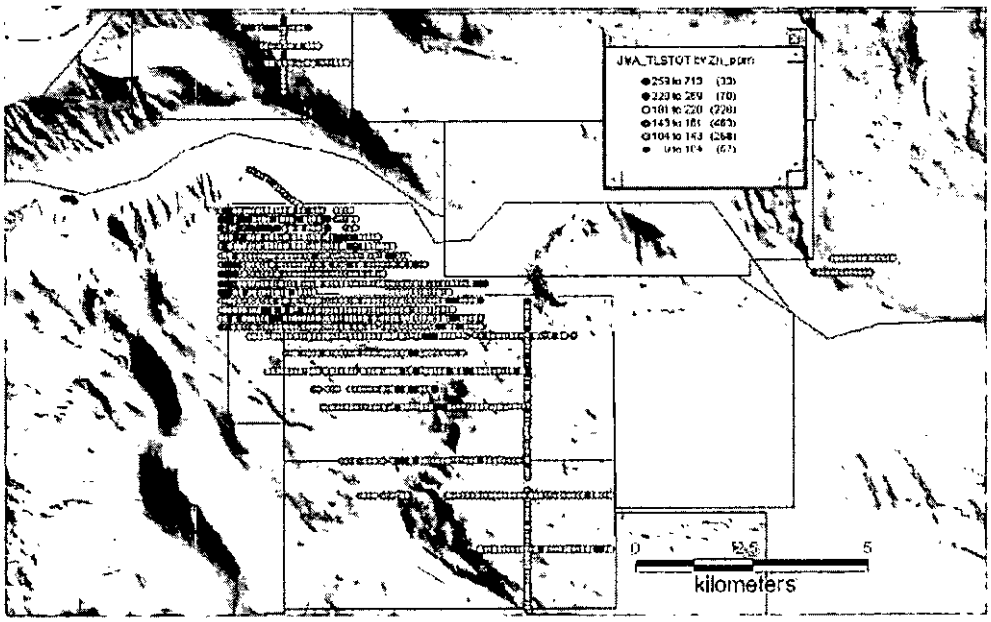

Figure 10.9 Zinc Assays – Zn ppm

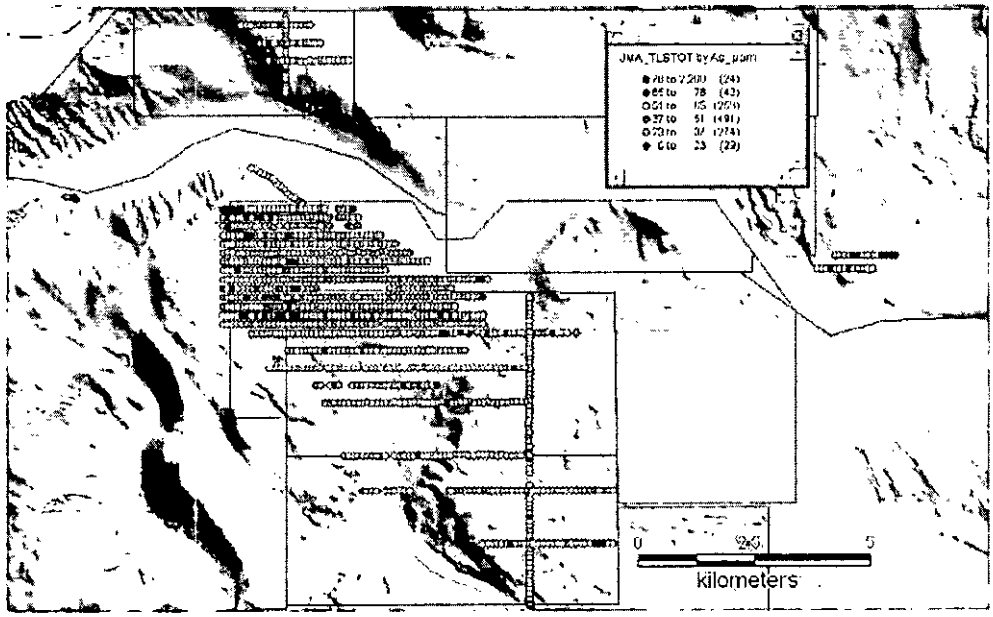

Figure 10.10 Arsenic Assays – As ppm

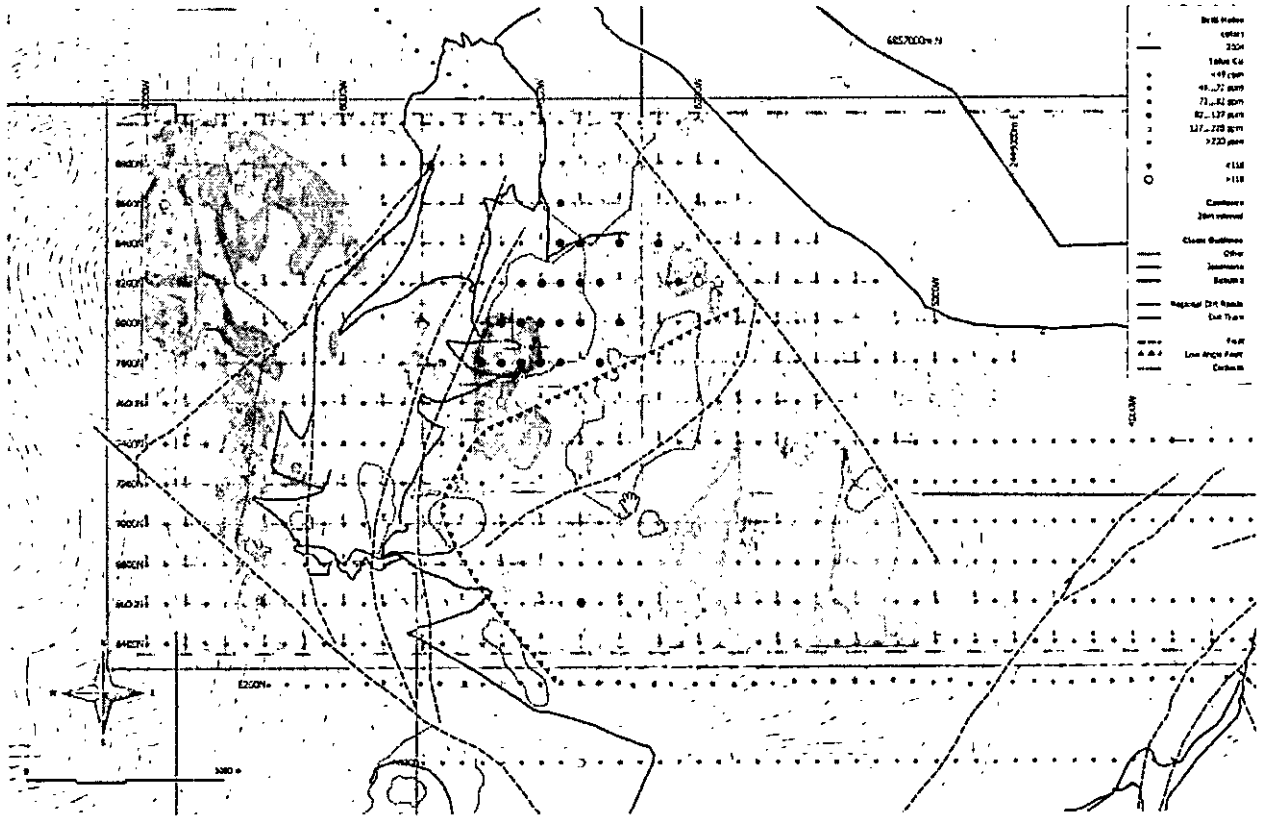

Figure 10.11 Copper in talus samples with 2005 reprocessed magnetics as background

2005/2006 2006/2007 Field Seasons

Ground Magnetics

Magnetometry surveys were carried out over three seasons between 2003 and 2006. In general the line spacing was 200 m. The northern lines shown in green in Figure 10.12 were added during the 2005/2006 field season.

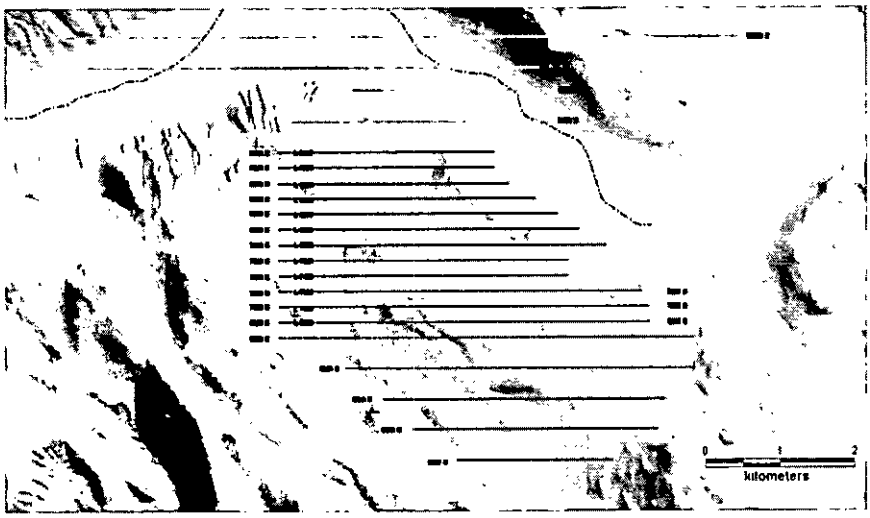

Figure 10.12 Magnetometry lines 2003/2004 in blue, 2004/2005 in violet, and 2005/2006 in green

Concentric zones of magnetic high anomalies surrounding a central zone of magnetic low are observed at Josemaria and another area immediately to the northwest. As shown in Figure 10.13, at Josemaria this pattern is centered on the porphyry system and a strong geochemical anomaly (e.g. Cu > 0.4%).

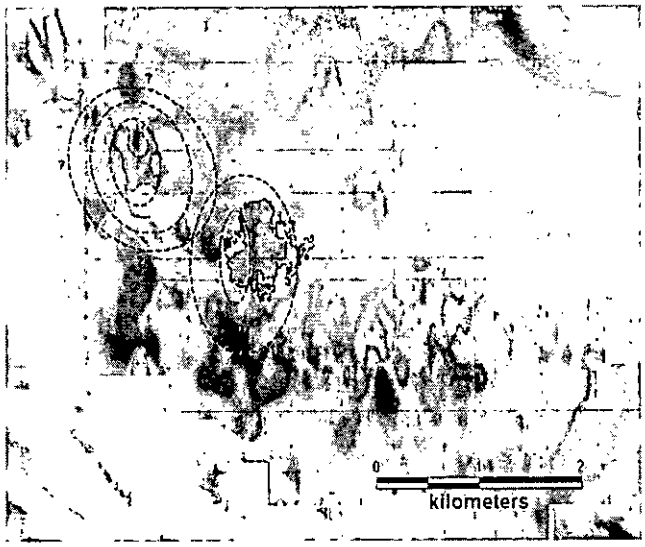

Figure 10.13 Reduced to pole magnetometry.

Induced Polarization/Resistivity Surveys

IP/RES surveys were carried out over the four seasons between the 2003 and 2007. In general the line spacing was 200 m with lines oriented E-W with a number of N-S control lines in the central zone of Jose Maria. The IP/RES survey lines are shown in Figure 10.14 as 2003/2004 in blue, 2004/2005 in violet, 2005/2006 in green, and 2006/2007 in red. The 2006 lines are also shown in Figure 10.15 in yellow.

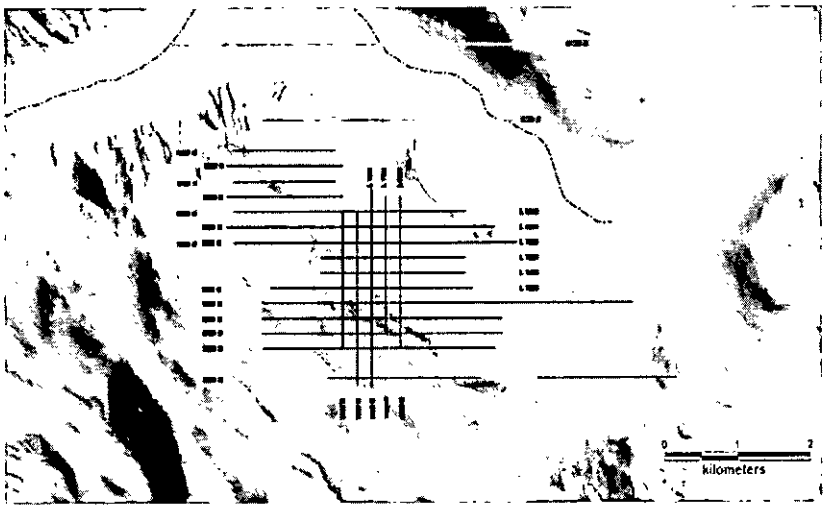

Figure 10.14 Induced Polarization and Resistivity Lines

The geophysical survey lines are summarized in Table 10.7 below.

Table 10.7 Geophysical Lines 2006

METHOD	MONTH	LINES	LENGHT	CUMULATIVE
IP / RES	Marzo-06	10400 N (9100W a 7100W)	2000 m	2000 m
IP / RES	Marzo-06	9400 N (8200W a 5100W)	3100 m	5100 m
MAG	Marzo-06	10900 N	1560 m	1560 m
MAG	Marzo-06	10500 N	2650 m	4210 m
MAG	Marzo-06	10100 N	3400 m	7610 m
MAG	Marzo-06	9800 N	3300 m	10910 m
MAG	Marzo-06	9400 N	3900 m	14810m

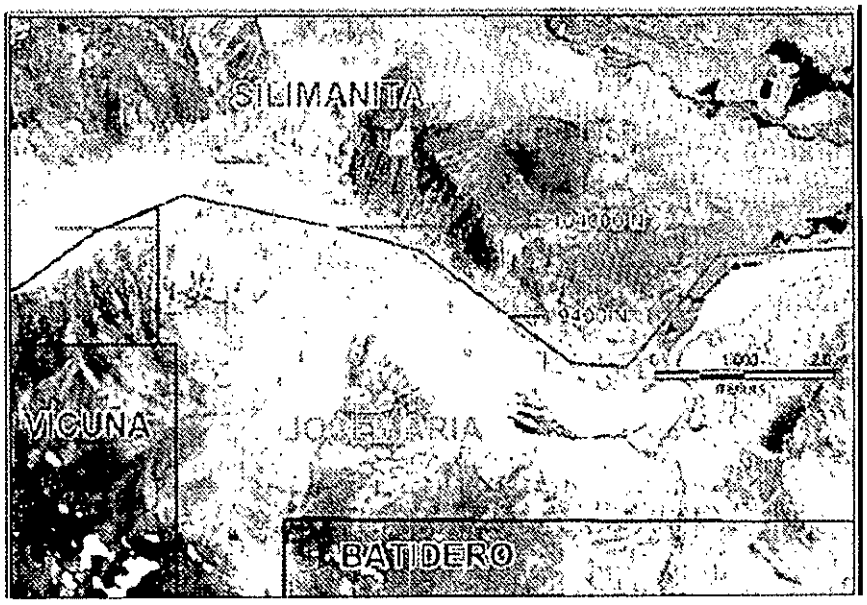

Figure 10.15 Induced Polarization and Resistivity Lines 2006

The cross sections are shown below in Figure 10.16 and 10.17 for resistivity and chargeability.

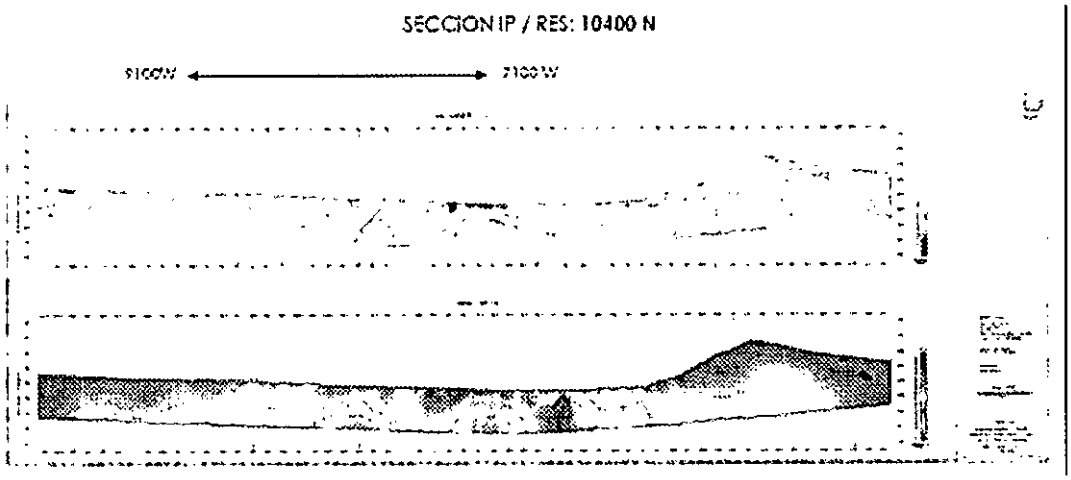

Figure 10.16 Induced Polarization and Resistivity Line 10400 North

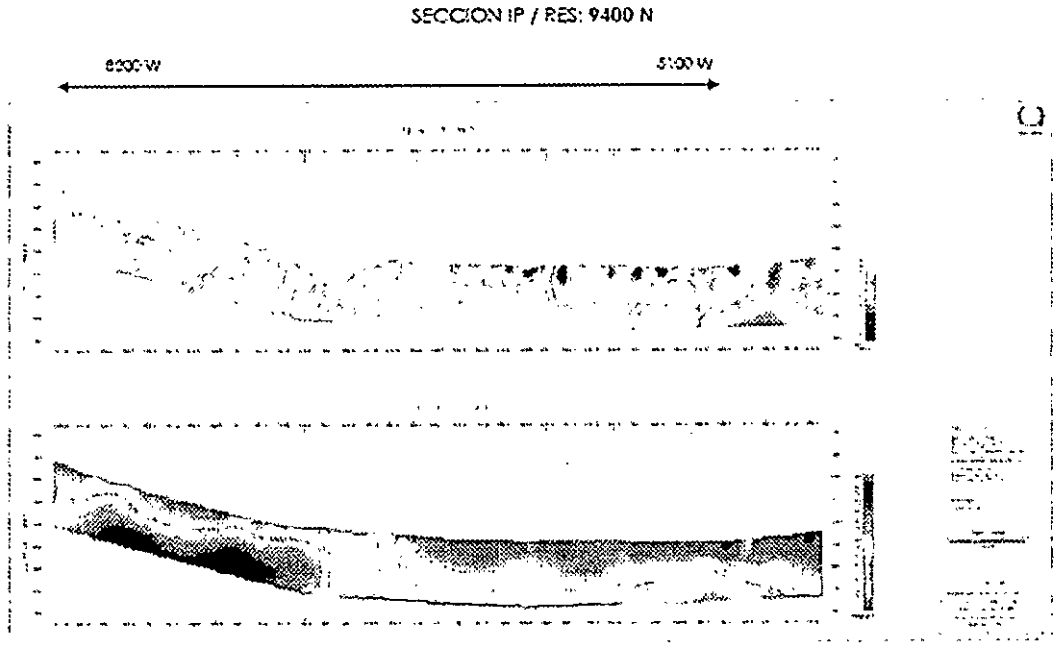

Figure 10.17 Induced Polarization and Resistivity Line 9400 North

The relationship between the IP anomaly and superimposed >0.4% and >0.5 % Cu anomaly is shown in the three figures below. Lower values between 15 to 20 mv/v coincide well with copper mineralization while values higher than 25 mv/v tend to surround the copper mineralization.

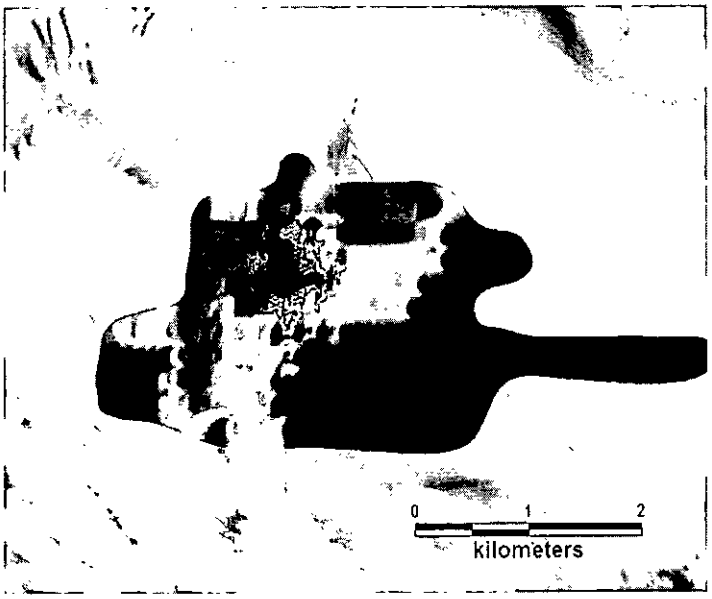

Figure 10.18 Depth to top of 15 mv/v IP anomaly

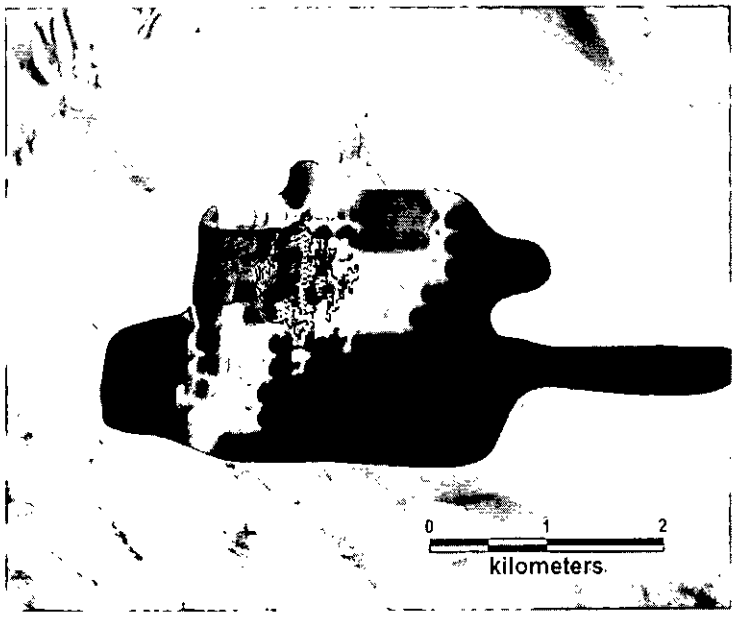

Figure 10.19 Depth to top of 20 mv/v IP anomaly

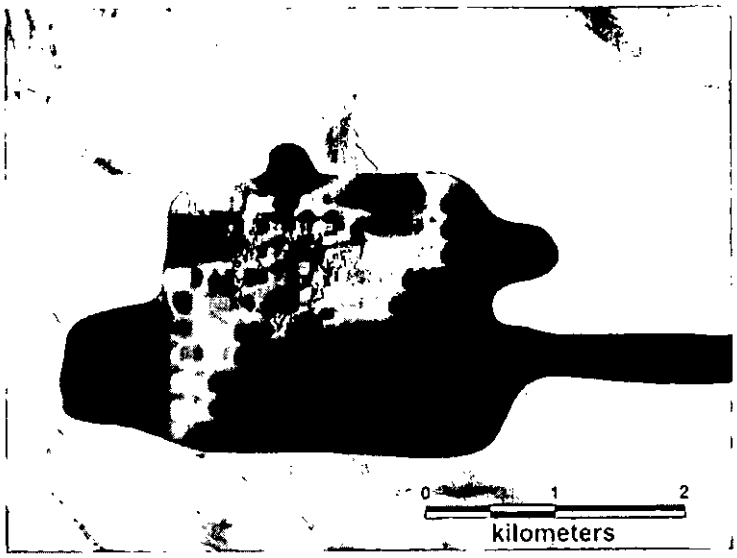

Figure 10.20 Depth to top of 25 mv/v IP anomaly

11.0 Drilling

During the 2003/2004 exploration season a total of 10 reverse circulation holes (3475 m) were completed at Josemaria. This first round of drilling targeted chargeability anomalies along a 600 m long magnetic high. The holes were widely spaced at intervals between 200 m and 300 m and the results indicate considerable target expansion potential along the western and southern flanks of the system.

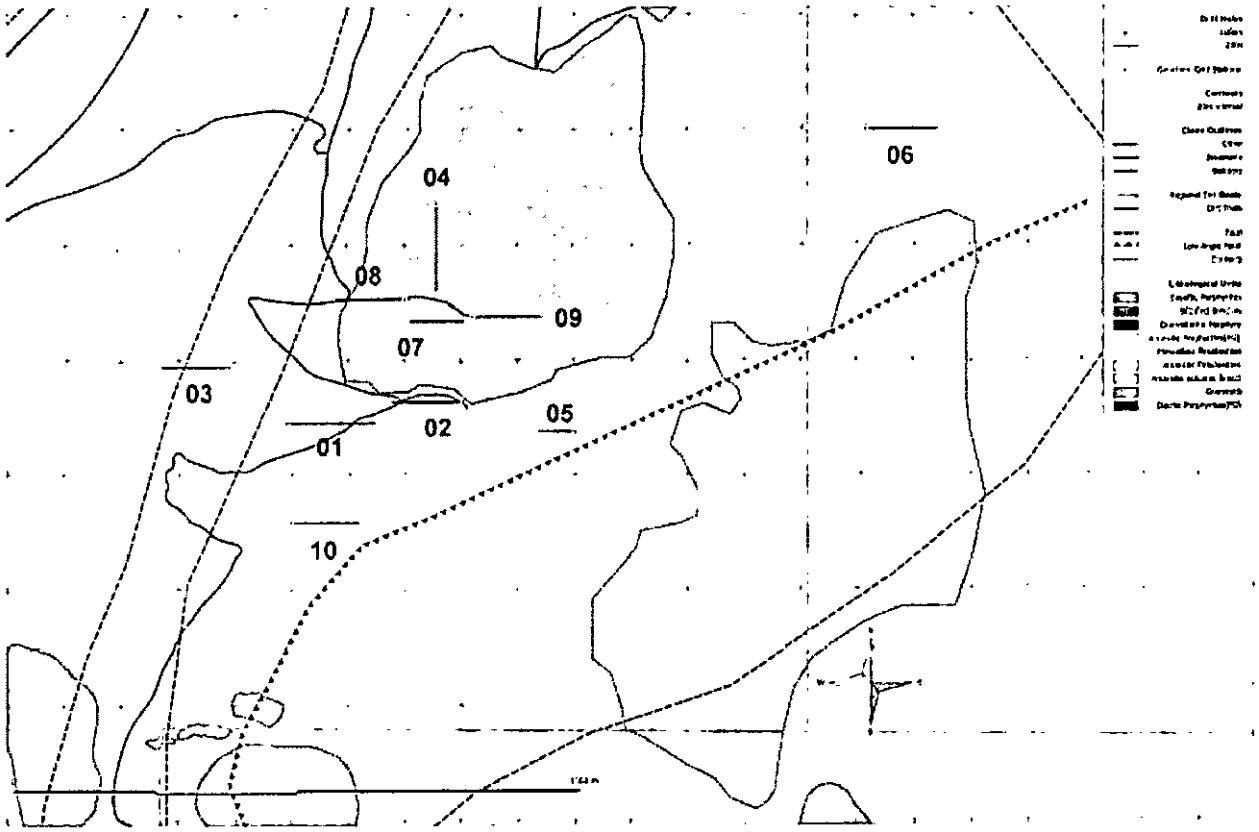

Figure 11.1 2003/2004 RC drill hole locations

During the 2004/2005 season a total of 20 reverse circulation hole (7822 m) were completed at Josemaria. In addition 5 diamond drill core holes (2406 m) were also drilled.

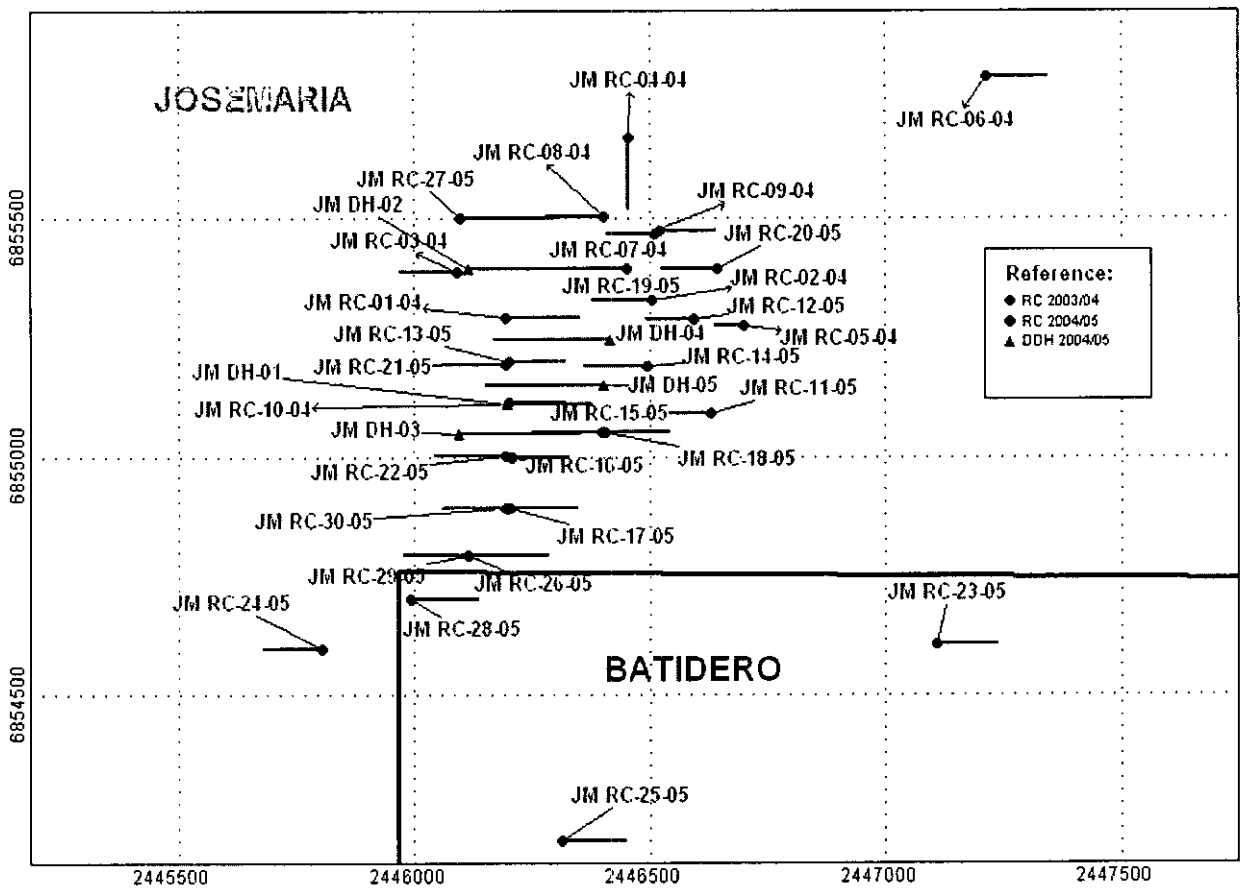

Figure 11.2 2003/2004 and 2004/2005 RC and diamond drill hole locations

The 2005 drill holes are summarized in the table below.

Table 11.1 2005 RC and Diamond Drill Holes

POZOS	GK-X	GK-Y	COTA	COTA-C1C2	AZIMUT	DIP	PROFUNDIDAD
JM RC-11-05	2446630	6855093	4670	4710	270	-75	350
JM RC-12-05	2446594	6855289	4610	4635	270	-70	300
JM RC-13-05	2446200	6855202	4690	4720	90	-70	350
JM RC-14-05	2446494	6855191	4655	4700	270	-70	400
JM RC-15-05	2446399	6855051	4735	4770	270	-70	440
JM RC-16-05	2446207	6854998	4755	4790	90	-70	350
JM RC-17-05	2446203	6854892	4770	4810	90	-70	420
JM RC-18-05	2446405	6855051	4760	4770	90	-70	400
JM RC-19-05	2446451	6855396	4610	4630	270	-70	400
JM RC-20-05	2446642	6855396	4565	4585	270	-70	350
JM RC-21-05	2446195	6855195	4690	4720	270	-70	400
JM RC-22-05	2446192	6855003	4765	4790	270	-70	444
JM RC-23-05	2447108	6854605	4630	4650	90	-70	372
JM RC-24-05	2445805	6854596	4835	4845	270	-70	374
JM RC-25-05	2446312	6854195	4695	4695	90	-70	400
JM RC-26-05	2446113	6854795	4850	4845	90	-65	400
JM RC-27-05	2446099	6855500	4650	4635	90	-60	420
JM RC-28-05	2445991	6854702	4850	4855	90	-70	420
JM RC-29-05	2446109	6854792	4820	4845	270	-70	408
JM RC-30-05	2446197	6854900	4810	4810	270	-70	400
JM RC-31-05	2449550	6853600	4385	4410	90	-80	24
JM DH-01	2446196	6855112	4690	4750	90	-70	519.75
JM DH-02	2446113	6855394	4635	4670	90	-60	501.20
JM DH-03	2446095	6855048	4740	4775	90	-60	513.35
JM DH-04	2446416	6855247	4660	4685	270	-60	513.35
JM DH-05	2446297	6855151	4700	4780	270	-60	358.10

Figure 11.3 Drill holes RC-16 and RC-22

During 2005/2006 1,418 m of diamond drilling and 458 m of reverse circulation drilling were completed. The table below summarizes the drill results.

Table 11.2 2005/2006 Exploration Season Highlights

Hole	From (m)	To (m)	Interval (m)	Au (g/t)	Cu %
JM RC 32	0	176	176	0.370	0.400
incl	42	176	134	0.380	0.520
AP DDH 06	0	282	282	0.268	0.265
incl.	0	72	72	0.413	0.177
and incl.	170	184	14	0.451	0.430
and incl.	186	204	18	0.299	0.490
JM DH 06	282	568	286	0.100	0.161
incl.	290	300	10	0.330	0.510
and incl.	316	327	11	0.286	0.458
and incl.	364	386	22	0.169	0.261
and incl.	453	535	82	0.138	0.192
JM DH 07	0	850	850	0.235	0.294
incl.	32	70	38	0.209	0.463
and incl.	147	152	15	0.300	0.289
and incl.	190	439	249	0.431	0.443
and incl.	533	554	21	0.190	0.318
and incl.	568	607	39	0.162	0.313
and incl.	692	702	10	0.183	0.327
and incl.	713	739	26	0.170	0.303

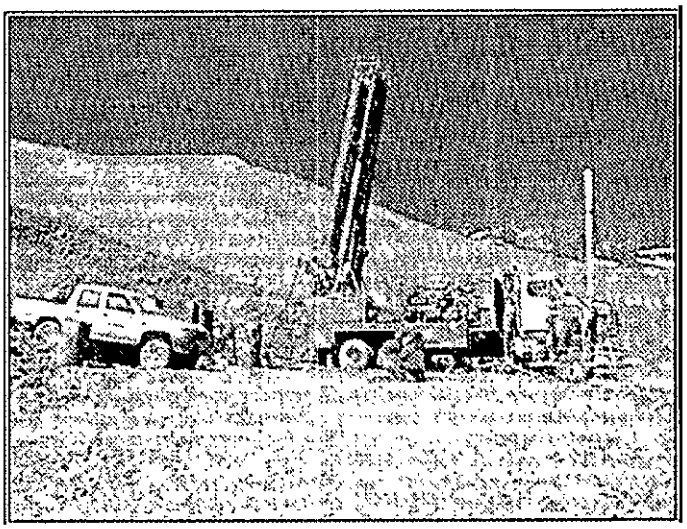

Figure 11.4 RC Pre-drilling DDH-06

During the 2006/2007 field season a total of 6,092 m of reverse circulation drilling were completed. New areas of disseminated mineralization of similar grades and depths were encountered extending the northwest boundary of the previously defined resource. The figures below illustrate the relationship between the "Dona" shaped magnetic high surrounding a magnetic low at the Josemaria deposit. The best drilling results are located between the magnetic low and the magnetic high.

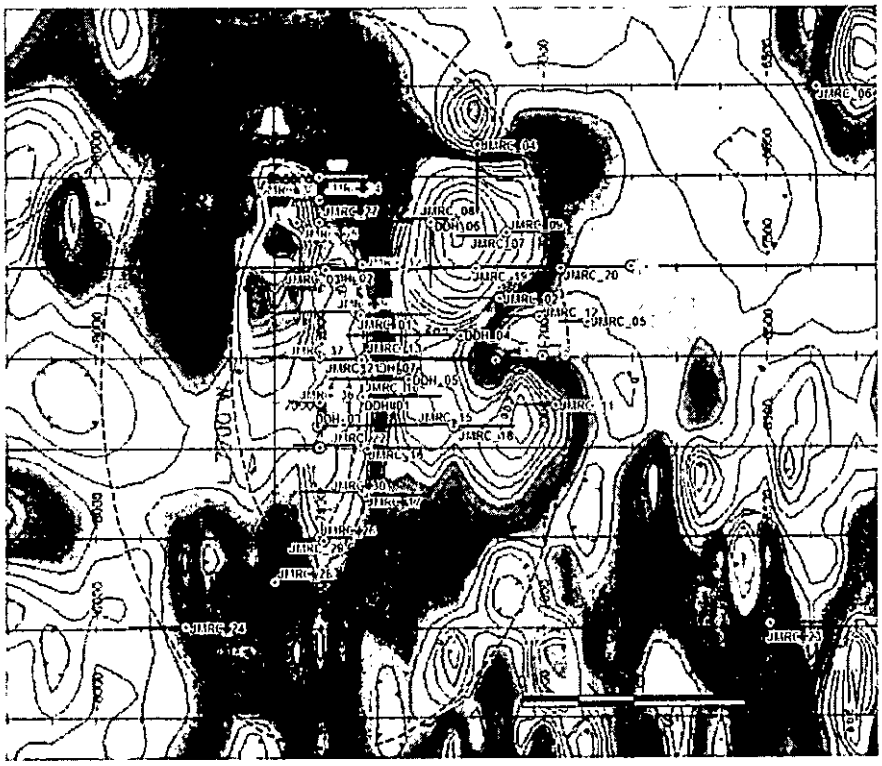

Figure 11.5 Drilling Plan Map to 2006/2007 with Magnetometry

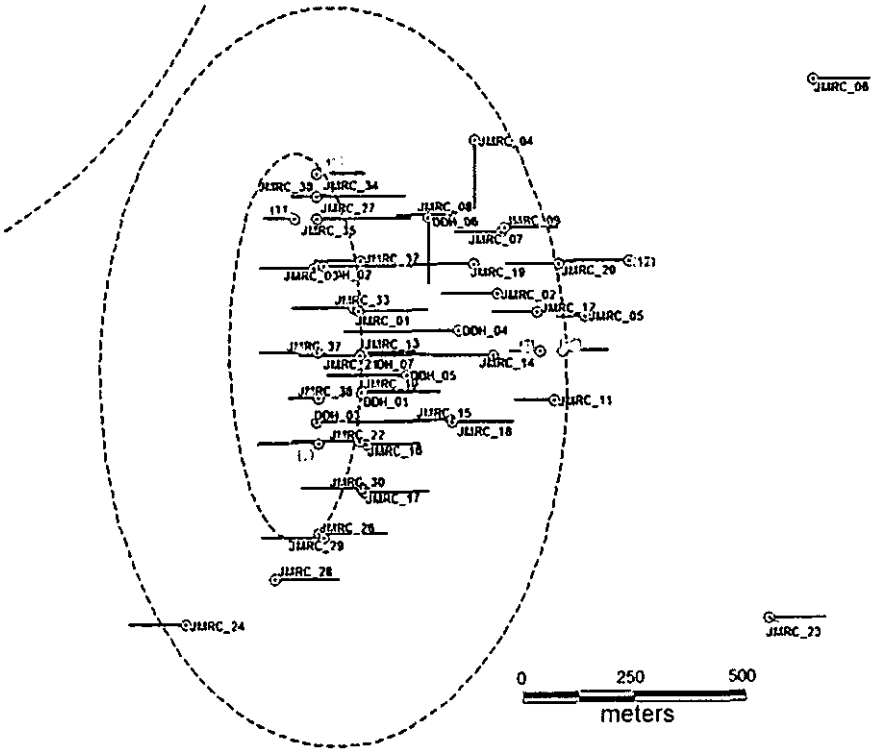

Figure 11.6 Drilling Plan Map to 2006/2007

A complete drillhole listing is provided in the Appendices.

The best results from the 2006/2007 season are shown in the table below.

Table 11.3 Selected Drilling Results 2006/2007

DRILLHOLE	Final depth (m)	Mineralized interval (m)	From (m)	To (m)	Au (g/t)	Cu (%)
JMRC_032*	397.00	397.00	0.00	397.00	0.32	0.37
	Including	262.00	42.00	304.00	0.35	0.44
	Including	150.00	42.00	192.00	0.38	0.51
JMRC_033	400.00	400.00	0.00	400.00	0.35	0.34
	Including	188.00	36.00	224.00	0.46	0.41
	Including	96.00	128.00	224.00	0.52	0.50
	Including	22.00	4.00	26.00	0.52	-
JMRC_034	400.00	400.00	0.00	400.00	0.34	0.40
	Including	204.00	122.00	326.00	0.46	0.53
	Including	122.00	204.00	326.00	0.53	0.62
JMRC_035	420.00	420.00	0.00	420.00	0.22	0.29
	Including	138.00	120.00	258.00	0.28	0.39
	Including	82.00	176.00	258.00	0.30	0.44
JMRC_036	400.00	400.00	0.00	400.00	0.20	0.19
	Including	10.00	144.00	154.00	0.27	0.40
	Including	74.00	0.00	74.00	0.35	0.20
JMRC_037	384.00	384.00	0.00	384.00	0.20	0.20
	Including	16.00	120.00	136.00	0.21	0.48
	Including	20.00	184.00	204.00	0.30	0.34
JMRC_038	420.00	390.00	0.00	390.00	0.14	0.22
	Including	116.00	250.00	366.00	0.14	0.33
	Including	56.00	264.00	320.00	0.16	0.35
JMRC_039	432.00	432.00	0.00	432.00	0.27	0.35
	Including	258.00	120.00	378.00	0.32	0.46
	Including	118.00	190.00	308.00	0.30	0.52
JMRC_040	427.00	427.00	0.00	427.00	0.16	0.28
	Including	279.00	148.00	427.00	0.20	0.33
	Including	102.00	178.00	280.00	0.23	0.40
JMRC_041	391.00	no significant intercepts				
JMRC_042	150.00	no significant intercepts				
JMRC_043	436.00	no significant intercepts				
JMRC_044	204.00	no significant intercepts				
JMRC_045	400.00	no significant intercepts				
JMRC_046	400.00	12.00	130.00	142.00	0.31	0.32
JMRC_047	283.00	no significant intercepts				
JMRC_048	324.00	no significant intercepts				

12.0 Sampling Methods and Approach

Talus

Sampling of talus fines carried out by Deprominsa and Solitario has used a compositing method that results in samples representative of 100m along the sampling line. This is significantly different from the more widely used point sampling approach since it represents a substantial length of the line. It should be emphasized that although this method has a length associated with each sample, this should not be confused with a sample width. Representation of the talus samples on maps is better done as a line rather than a point or symmetric symbol. Use of points or symmetric symbols does not depict the strongly linear nature of the sample and should be used with caution .

Talus fines were collected as composites of 10 sites located at 10 m intervals, centred if possible, on a 100 m line station. Each sample was named for the station at the midpoint of the samples sites (between sites 5 and 6). Component samples of 100 to 200 g were taken typically between 30 and 40cm depth and above the ferrugenous duricrust. Each component was dried and sieved to #10 mesh size. An equal amount of each component sample was then combined and homogenized by shaking the sample bag before shipping to San Juan for pickup by ALS Chemex.

Chip Sampling

Chip sampling followed conventional methods of following as close to the centre line of the sample as practical. Samples were chipped not cut. The majority of chip samples were taken along road-cut type trenches. Sample width was kept constant within each trench as much as possible.

Drillhole Sampling

Both reverse circulation (RC) and diamond drill core (DDH) drilling has been completed at the Josemaría project. The entire length of the holes have been carefully logged, on a systematic 2 m interval in the case of RC, and on a systematic 1m core length in the case of DDH holes.

RC chips were collected at the drill in large sacks weighing about 40 kg. These were taken to the camp where they were weighed and run though a quartering and homogenizing process using riffle splitters that results in a 5 kg split for shipment to the lab. Representative samples are retained as a geological record of the hole and for re-assay.

The core intervals were split in half by saw with one half then being submitted for assay and the balance being store in San Juan for reference. Also, from the saved one half core, samples were taken for density measurements.

No geologic breaks dictated breaks in the uniform 2 m (RC) or 1 m (DDH) sampling, which is appropriate for a bulk tonnage, low-grade deposit. HQ diameter core was drilled to provide adequate

sample weights. The average weight of a half core sample for a 2 m interval is 8.0 kg, and therefore a significant weight that provides for sample preparation and assaying.

The rock is generally very competent, and overall recoveries are in the order of 95% or better, with only very occasional fracture zones having recoveries of less than 70%.

The following information was recorded by the field geologist for all geological samples collected for analysis and for reference samples:

- Sample Numbers.
  - Field Sample Number.
  - Laboratory Sample Number.
  - Duplicate Sample Number.
- Date of Sample Collection.
- Local Name of Sample Site.
- Geologist.
- Easting, Northing, and Elevation Coordinates.
- Sample
  - Type.
  - Method.
  - Dimensions.
  - Environment.
  - Size Fraction.
- Mineralogy.
- Description.
- Comments.

13.0 Sample Preparation, Analysis and Security

Samples are prepared for shipping to San Juan in the Batidero Camp. The details of each shipment, including the name of the driver is recorded before being transported by Deprominsa personnel to the San Juan office. ALS Chemex picks up the shipments at the San Juan office and is responsible for their transport to Mendoza. The authors are not aware of any reasons for concern regarding the security of the samples.

During 2005, GeoSystems International visited ALS Chemex's sample preparation facility in Mendoza, which is responsible for preparing the sample pulps for Depromin S.A.'s projects. The pulps are sent by truck to La Serena for assaying.

The overall comment on the facility, at the time of the visit, was that it was clean, professional facility and efficiently run. There were a significant number of projects (from Depromin S.A. and other mining companies) that sent their samples to be prepared to this facility. The stated capacity was about 700 samples per day, and it appeared to be running at full capacity. Despite this, the operation appeared to be running smoothly, even considering the following comments:

1. The use of a rubber mat for homogenization and preparation of pulp bags may lead to contamination across samples. The mat is roughly cleaned with a cloth scrubber, which in turn is dumped in a pale of water to rinse it. *It is recommended that a stainless steel plate, cone-shaped on one end, be used instead, and cleaned with compressed air in between samples.*
2. There is loss of fines at the first stage crushing, and also at the Jones splitter. In the case of the crusher, these losses can (and should) be easily avoided by putting a lid on the machine. In the case of the Jones splitter, *it is recommended that Depromin S.A. requests that a rotary splitter be installed.*

The protocol being used by Depromin S.A. is fairly standard, but has not been validated by, for example, a sample heterogeneity test. It is not currently known the overall precision and accuracy of the assay data, because of the limitations of the QA/QC program, as described below. It is possible that too small a sample is being pulverized, and other minor aspects of the preparation protocol, such as the use of rotary splitters, may have to be revised. However, it is recommended that these steps be taken to develop a full sample QA/QC program after confirmation of the project's potential and further development. *In the meantime, it is recommended that an Au size distribution study be completed.* Given the current protocol, if coarse Au is present, it would be reasonable to presume that the Au grade in the samples is being understated.

Figure 13.1 Sample reception area, ALS Chemex sample preparation facility

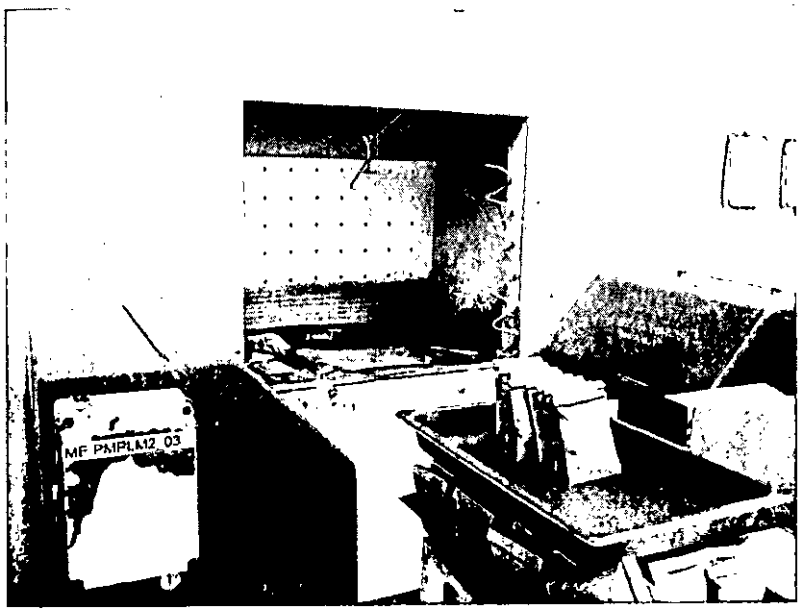

Figure 13.2 Pulverizers & pulp bagging area, ALS Chemex sample preparation facility. Note the rubber mat in the center of the picture (Figure 13.2), where the pulverized sample is homogeneized, and later also used to bag the sample.

Analytical Procedures

The project has been using ALS Chemex for geochemical analysis and assaying. ALS Chemex complies with ISO 9001:2000 and ISO 17025:1999 in its internal quality system. Sample preparation work is performed by ALS Chemex in their a prep lab facility in Mendoza, Argentina while the analytical work is performed in their laboratory in Santiago, Chile. Since processing codes are common across ALS Chemex laboratories, they will be noted in the method description for reference.

All samples are logged into ALS Chemex tracking system, weighed and dried at 60° C. Preparation of RC chip, trench chip or cut core samples is by crushing so better than 70% of the crushed sample passes through a –2 mm mesh. A 250 g split is taken and pulverized to better than 85% passing through a 75 micron screen. The -75 micron fraction is dry screened to -180 microns (equivalent to -80 mesh) and both fractions are retained.(PREP-31 and SCR-41)

Talus fines are dry sieved to -180 microns and both fractions are retained (SCR-41).

Gold is then determined by fire assay with AAS finish on a 50 g sample (Au-AA24). The detection limit and range of this method is 0.005 to 10 ppm Au.

The sample is also digested using a HF-HNO3-HClO4 acid digestion, HCl leach and finished using ICP-AES for 27 elements. In addition, Hg was determined using an Aqua Regia digestion and cold vapour AAS. Detection limits and ranges (ppm unless otherwise indicated) are as follows:

Table 13.1 Detection Limits

Ag	0.5 - 100	Cd	0.5 - 500	Mg	0.01 - 15%	S	0.01 - 10%
Al	0.01 – 25%	Co	1 – 10,000	Mn	5- 10,000	Sb	5 – 10,000
As	5 – 10,000	Cr	1 – 10,000	Mo	1 – 10,000	Sr	1 – 10,000
Ba	10 – 10,000	Cu	1 – 10,000	Na	0.01 - 10%	Ti	0.01 - 10%
Be	0.5 - 1000	Fe	0.01 - 25%	Ni	1 – 10,000	V	1 – 10,000
Bi	2 – 10,000	Hg	0.01 - 100	P	10 – 10,000	W	10 – 10,000
Ca	0.01 - 25%	K	0.01 - 10%	Pb	2 – 10,000	Zn	2 – 10,000

The four acid method is nearly a total digestion with only the most resistive minerals remaining partly dissolved. Elements that may be only partially dissolved are Ba, Cr, Ti and W.

14.0 Data Verification

Assay Database

The computerized database was spot-checked against the laboratory certificates, which are issued as digitally-signed Acrobat PDF documents, as well as paper certificates.

The checks were done on the most recent campaign (2006/2007), corresponding to about 200 intervals scattered throughout the drill holes, from a total of 12,903 available Au grades and Cu grades.

No errors were found in the transcription of TCu and Au assay values, and thus the indications are that the database is in very good order and up to international standards. The authors believe the data provided to be reliable and are not aware of any reasons for concern regarding data validity.

Laboratory QA/QC

Duplicate samples were collected in the field and routinely examined using regression methods. There are a total of 447 duplicate samples at this stage of the project. Statistical analyses made on these duplicates indicate that the overall precision of the samples is good or very good.

The absolute deviation of the duplicate samples were plotted against a sample reference number, which correlates to time, as well as the cumulative frequency distribution of the Cu and Au pairwise relative deviations.

Figure 14.1 shows the absolute differences for Cu (Original minus Duplicate), in ppm, while Figure 14.2 shows the corresponding graph for Au. Note that there are a few samples that evidence significant deviations, the level one would expect if bag swapping or mishandling of sample numbers had occurred. However, if that were the case, then the highly deviated values should occur in both Au and Cu for the same sample number, and this is not necessarily the case.

On the other hand, there are groups of sample numbers (approximately mid-way through the x-axis) that show excellent results.

The overall average deviations should the duplicates to be overall unbiased. For Cu, it is 2.57 ppm, while for Au the overall average is 0.0035 g/t.

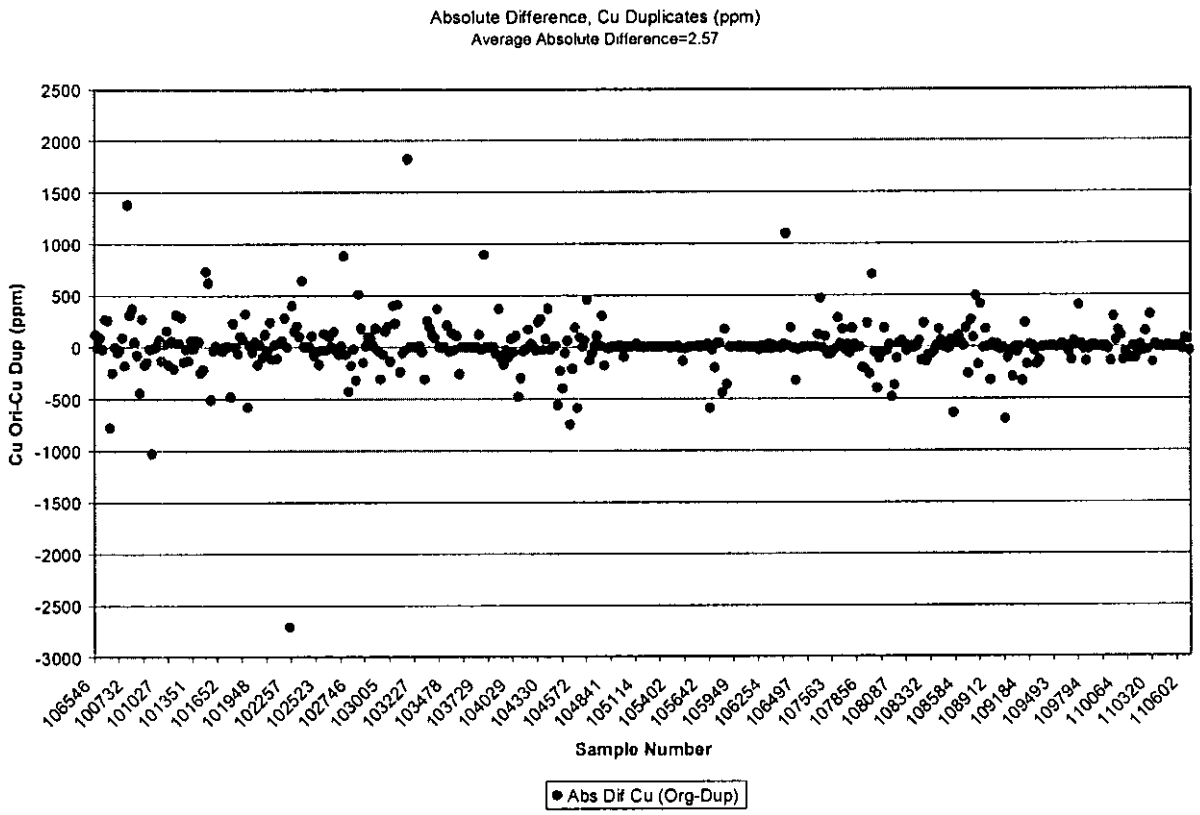

Figure 14.1: Field duplicates, (Original – Duplicates) vs. Sample Number, Cu (ppm).

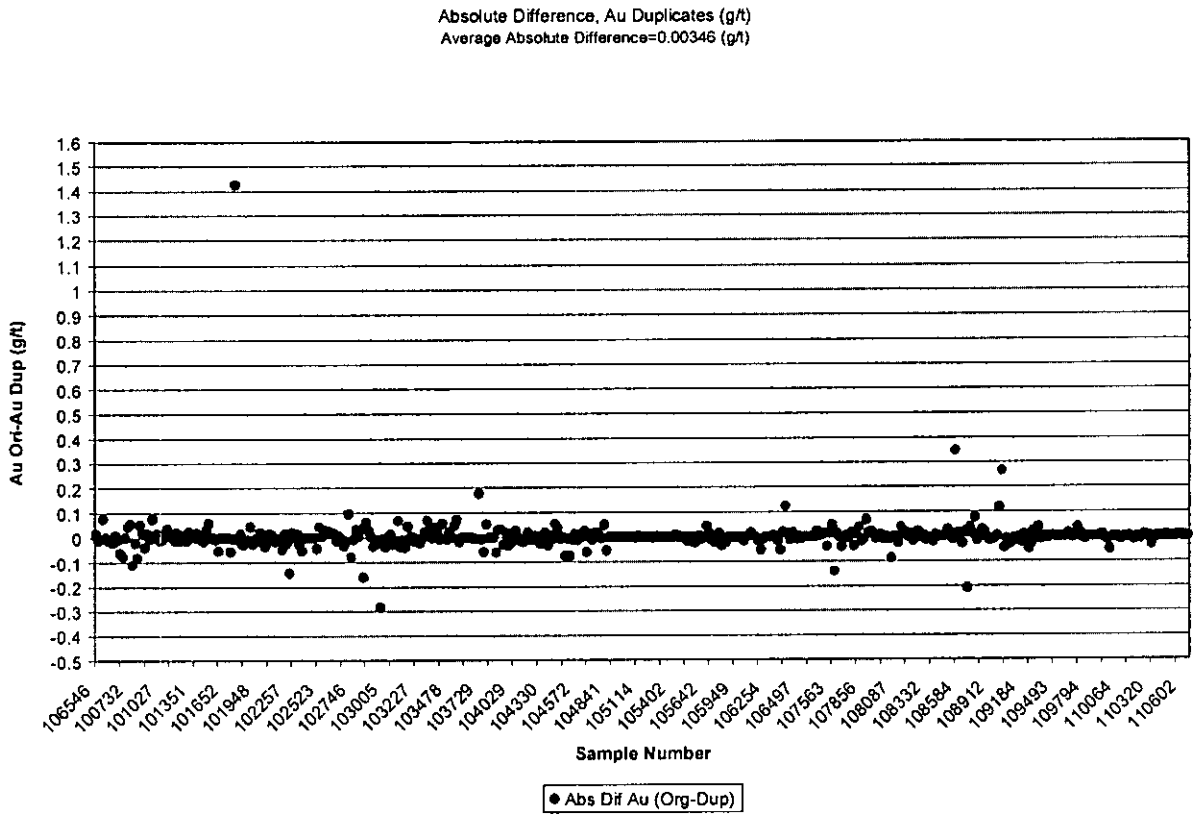

Figure 14.2: Field duplicates, (Original – Duplicates) vs. Sample Number, Au (g/t).

The pairwise relative deviation of the duplicates is calculated as the absolute value of the difference between the pairs, divided by (relative to) the average value of the pair. The mathematical expression is thus:

$$\%\,\mathrm{Re}\,lDev = \frac{ABS(Ori - Dup)}{[(Ori + Dup)/2.0]}$$

The % Relative Deviation are sorted and plotted against their cumulative frequency, see Figures 14.3 and 14.4, for Cu and Au, respectively. In the case of field duplicates, it is expected that 90% of the pairs be at 20% percent or less relative deviation for Cu and Au. In this case, Josemaria duplicates show that 90% of the duplicates are about 15% relative deviation or less for Cu, while for Au the same parameter is at about 22%, which is considered good.

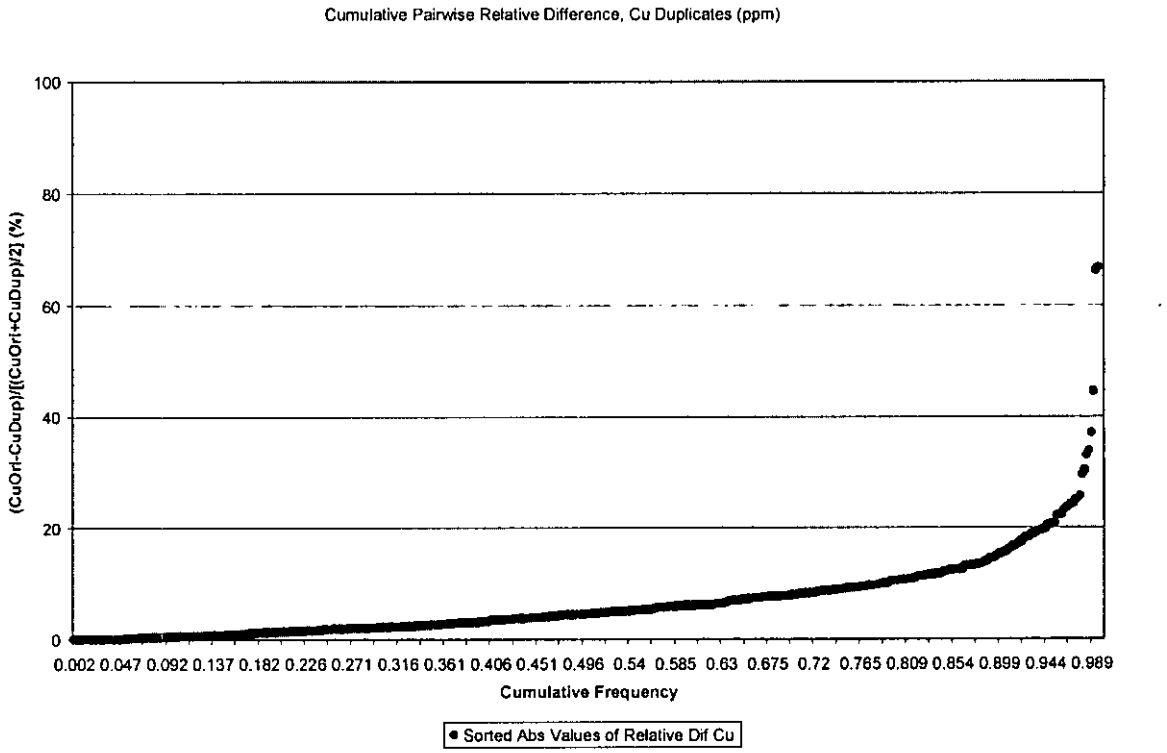

Figure 14.3: Cumulative Frequency of the Pair Relative Deviations, Cu (ppm).

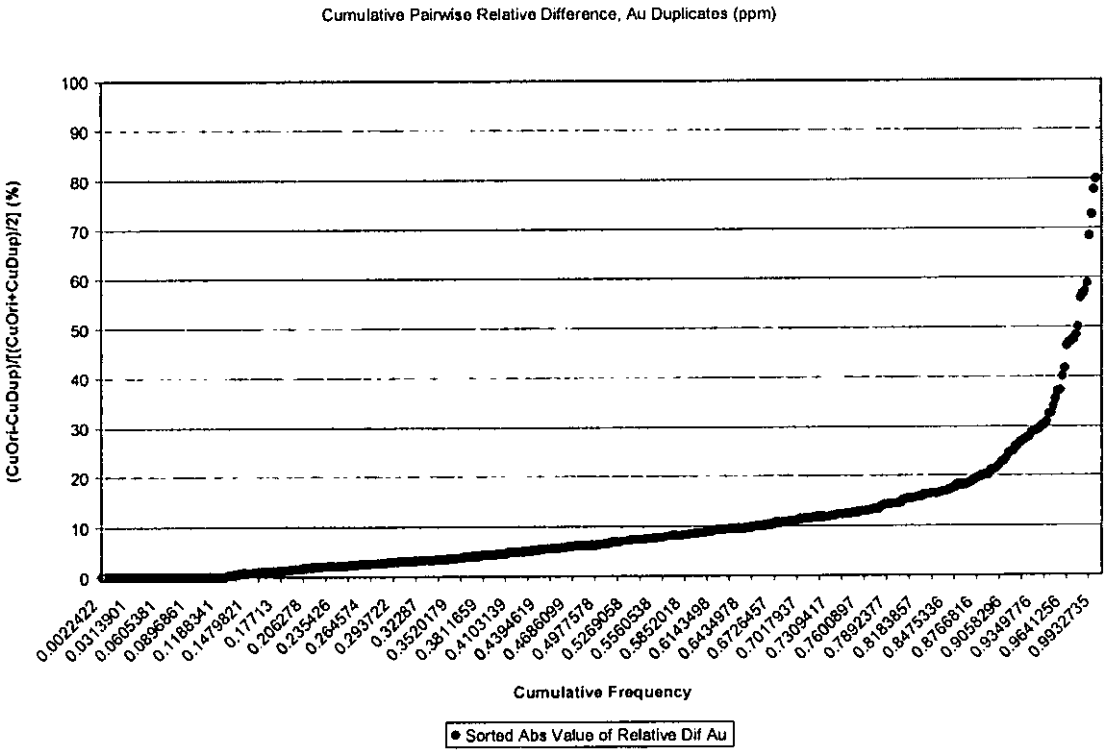

Figure 14.4: Cumulative Frequency of the Pair Relative Deviations, Au (g/t).

15.0 Adjacent Properties

Immediately to the south of Josemaría is the Batidero property owned by TNR through Solitario and in which *Suramina* is earning a 75% interest. To the southwest of Josemaría is the Vicuña prospect, also owned by Suramina. In addition to the original Vicuña prospect there are several joint venture sub-projects exploring for similar targets between Vicuña and Josemaría.

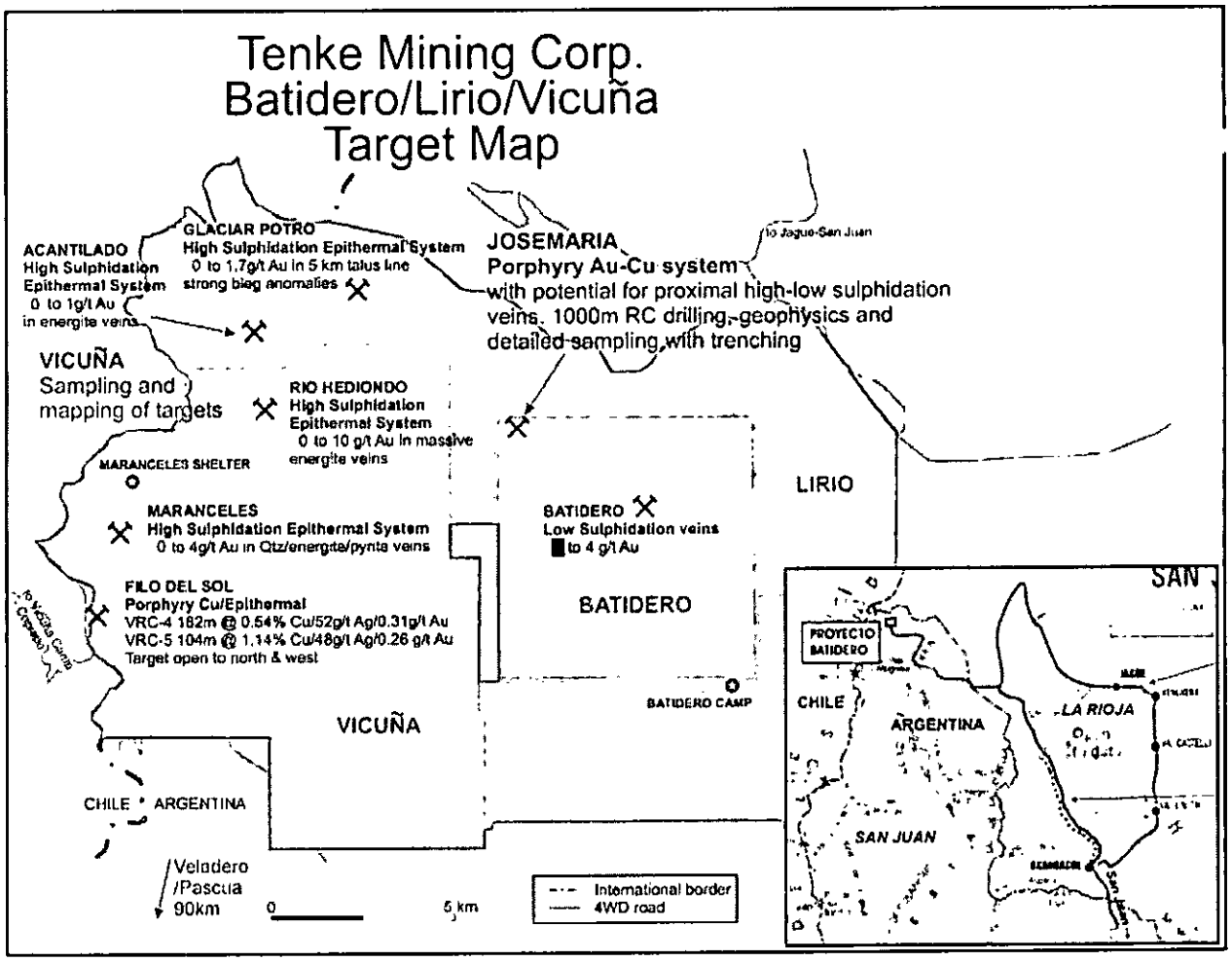

Figure 15.1 Location of Adjacent Properties

The following material has been taken directly from published descriptions by Suramina Resources Inc. and has been edited for continuity in this report.

At Filo del Sol, a total of nine reverse circulation drill holes have to date identified an extensive zone of supergene copper mineralization that extends 1,500m north-south and remains open in all directions. Geological modeling indicates the presence of shallower, high grade (>0.8% Cu) supergene copper mineralisation that outcrops in the vicinity of hole VRC-20, sitting above relatively deeper lower grade supergene and/or mixed copper mineralisation that grades at depth into hypogene copper-gold mineralization related to a Cu-Au porphyry system. Copper in the supergene zone appears to be dominated by water-soluble hydrated copper sulphates such as chalcanthite and kröhnkite. In addition, significant intersections of gold, and to a lesser extent silver, occur. The results to date indicate the presence of an extensive, shallow, mineralized lithocap that is closely related to one or more, deeper porphyry Cu-Au intrusives.

A program of reverse circulation holes is being planned for the 2007/08 summer exploration season in order to (i) test and extend the outcropping high grade supergene copper mineralization in the vicinity of hole VRC-20 and VRC-33, (ii) test outcropping supergene mineralization that occurs north-east of holes VRC-35 and VRC-28, and (iii) further test deeper levels of the system where encouraging porphyry Cu-Au mineralization has been identified in previous drilling.
Los Helados Target: The Los Helados porphyry copper-gold target is located in Chile, approximately 10 km NNW of Josemaria. The area is characterized by Paleozoic granitoids intruded by andesite-dacite porphyry and late mineral Oligocene-Miocene diorite. The Los Helados porphyry Cu-Au target was first drilled during the 2006/07 summer exploration season.

Of the 5 holes that were drilled, holes VRC-40 and 41 returned the most interesting results with very encouraging copper and gold intersections (VRC-41: 300m @ 0.30% Cu, 0.30g/t Au, including 54m @ 0.37% Cu, 0.44g/t Au and VRC40: 300m @ 0.26% Cu, 0.23g/t Au, including 52m @ 0.50% Cu, 0.39g/t Au). These two holes intersected the andesite-dacite porphyry dominated by phyllic alteration and to a lesser extent intermediate argillic alteration. Of note, the higher grade observed towards the bottom of VRC-40 is associated with more obvious potassic alteration overprinted by intermediate argillic alteration in a host andesitic porphyry. A reverse circulation drill program of four holes totalling 1,600 metres is being prepared to be carried out in the 2007/08 summer exploration season in order to further test this target.

Cerro Blanco Target: The Cerro Blanco porphyry copper-gold target straddles the Argentine-Chile border and is located approximately 9 kilometres north of Josemaria. It is characterized by Permo-Triassic granites intruded by Tertiary microdiorite and dacite porphyry.

This area is characterized by potassic, intermediate argillic (SCC), and phyllic alteration with variable silicification and quartz veining. Alteration is zoned outward from a central potassic core centred on the dacite porphyry which is coincident with a 1,800 metre (N-S) by 600 metre (E-W) zone anomalous in Au (>0.15ppm), Cu (>1,000ppm) and Mo (>100ppm). A reverse circulation drill program of four holes totalling 1,350 metres is being prepared to be carried out in the 2007/08 summer exploration season in order to initially test this target.

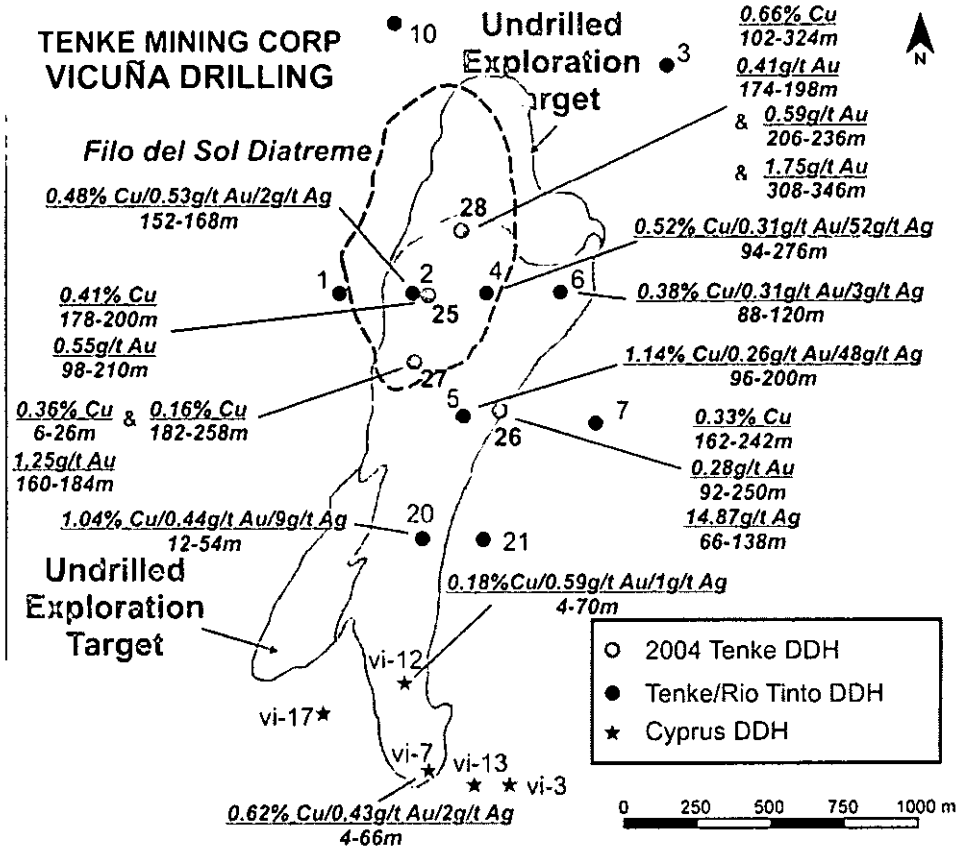

Figure 15.2 Vicuna Drilling

Further work in the area in 2002 led to greater emphasis on the district-wide porphyry/epithermal transitions. As exploration within the region progressed, several additional epithermal anomalies were identified along margins or flanks of multi-phased porphyry intrusives, exposing a variety of potential targets which are "telescoped" into older systems. Vicuña appears to be part of a larger regional multi-porphyry system which shows a vertical section of over 1,000 metres with evidence of mineralized targets of several ages.

A 1,170 metre program in 4 widely spaced holes was completed in March, 2004 on the Filo del Sol target, testing the deeper portions of the open mineralization previously discovered as well exploring the potential northern extension of the copper/gold zone. The results indicate a significant lateral extension of mineralization to the north at Filo del Sol, where Hole VRC-28 was drilled some 300 metres north of any previous drilling in the vicinity of the diatreme. A major copper intercept was encountered in VRC-28 grading 0.66% Cu over 224 metres, including an 8 metre interval of 7.43% Cu.

These intercepts, together with new geochemical sampling and regional geological mapping at the

eastern flanks of the Vicuña epithermal-porphyry system continue to provide evidence of a large deep porphyry potential with associated exposures of epithermal systems on top. The variable conditions of the mineralized intervals at depth as well as the relationships between gold and copper zones in most of the holes are interpreted to correlate with exotic copper mineralization along strongly fractured zones where gold was deposited initially as the result of epithermal fluid interaction. The origin of such a system is related to local porphyry systems.

Batidero Project

The history of the Batidero property was described earlier. Within the central parts of Batidero a number of Au veins and breccias were explored by Solitario, Barrick Exploraciones de Argentina S.A. and subsequently Suramina between 2000 and 2003. The relationship of these breccias and veins to the porphyry system at Josemaría is not well understood and the extent to which they may provide additional exploration insight has not yet been determined. Although Batidero is included in the subject of the report, the epithermal gold target that initiated exploration has not been discussed in detail. That aspect of the Batidero property may be considered *adjacent* to the primary porphyry Au-Cu-Mo system of Josemaría.

16.0 Mineral Resource Estimate

16.1 Database and Geologic Model.

16.1.1 Assay Database.

The database used to estimate the updated resources at Josemaría consisted of a total of 48 inclined reverse circulation (RC) surface drill holes plus 7 diamond drill holes (DDH), dipping in between 80° to 65° to the east and west. This includes drill hole RC-06, drilled in the northern part of the deposit, in a barren tertiary granite intrusion, and to the north of one of the SW-NE faults used to limit the resource model (see below). Also, four of the new RC holes (RC-41, RC-42, RC-44, and RC-47) were located to the north and west of the modeled area, and thus did not impact the geologic modeling or the grade estimates.

The drill holes have not been surveyed for down-the-hole deviations. Although possibly difficult to correct at this stage, every effort should be made to complete down the hole surveys during the next exploration campaign.

Sampling interval is a systematic 2 m down the hole for RC and 1 m for DDH holes. The DDH holes are among the more recent holes, although during the 2006/2007 only RC holes were drilled. Recoveries are reportedly good to very good, averaging over 90%.

There are a total of 12,282 gold (Au) and total copper (TCu) grade values in the database available for use in the resource estimation. Several other elements are also being assayed, including Ag, but these are not discussed in this report. The gold distribution is typical of a Cu-Au porphyry system, with few samples represented in an outlier population. The average Au grade (weighted by sample length) is 0.23 g/t, with a coefficient of variation[1] (CV) of 1.06. Approximately 75% of the Au assay data is below 0.33 g/t, and 50% of the data is below 0.19 g/t. There are few high-grade values, the maximum being 9.30 g/t. The histogram and basic statistics of the Au assays are shown in Figure 16.1.

The overall average TCu grade (also weighted by sample length) is 2,549 ppm, with a coefficient of variation (CV) of 0.89. Again, the sample grade distribution corresponds to a typical low-grade porphyry system, with few outliers. The histogram and basic statistics of the TCu assays are shown in Figure 16.2.

Compared to the previous resource model results, the number of samples has increased by about 50%, with slightly lower grades for both Au and TCu. The variability is slightly lower. The statistical characteristics of the database used to estimate resources have not changed significantly.

[1] The coefficient of variation is defined as CV=σ/m, and represents a measure of variability that is unit-independent. This is a variability index that can be used to compare different and unrelated distributions.

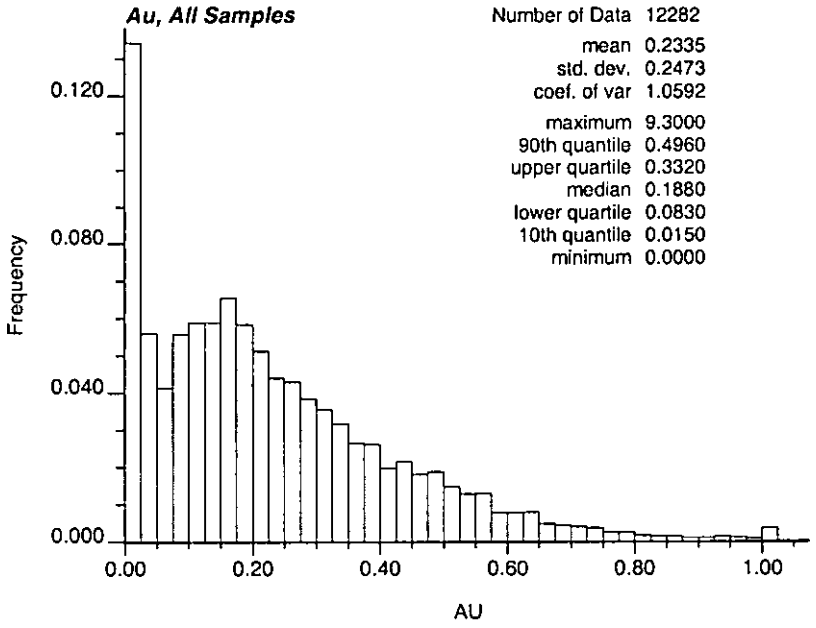

Figure 16.1: Histogram and Basic Statistics, all Au samples, Josemaría.

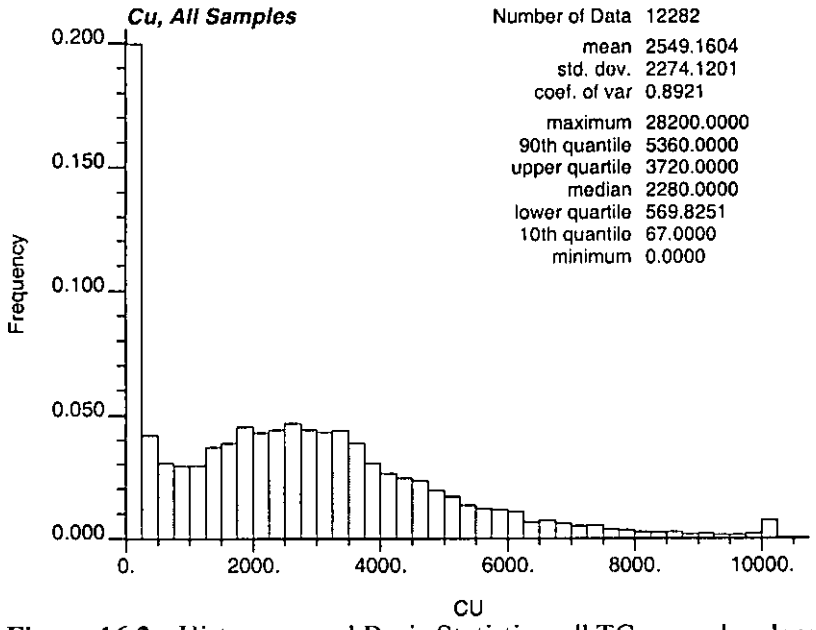

Figure 16.2: Histogram and Basic Statistics, all TCu samples, Josemaría.

16.1.2 Topography.

The topography surface used in this resource model is the same as used in the previous resource estimate. The topographic surface was derived from a satellite image, with nominal spatial resolution of 2 m horizontal, and the DEM accuracy is ±1m. All images are referenced to the International 1924 (or Hayford 1924) ellipsoid and the Campo Inchauspe datum on a Gauss Kruger (Transverse Mercator) projection.

The image restitution has not been corrected or tied to known points on the surface, and therefore, in absolute terms, has significant errors, up to 30 m in the vertical and ±10 m in the horizontal. This is however, a minor issue for the current resource estimate, since the defined volumes are still approximately correct. It becomes a much more significant issue going forward with project development, and thus it is recommended that the image be tied down to known triangulation points in the area.

Figure 16.3 shows an image of the topography used (north is up), as well as the existing drill holes. The drill holes have been located according to the image's elevation, and its field survey is not used in this resource estimation, for the reason mentioned above.

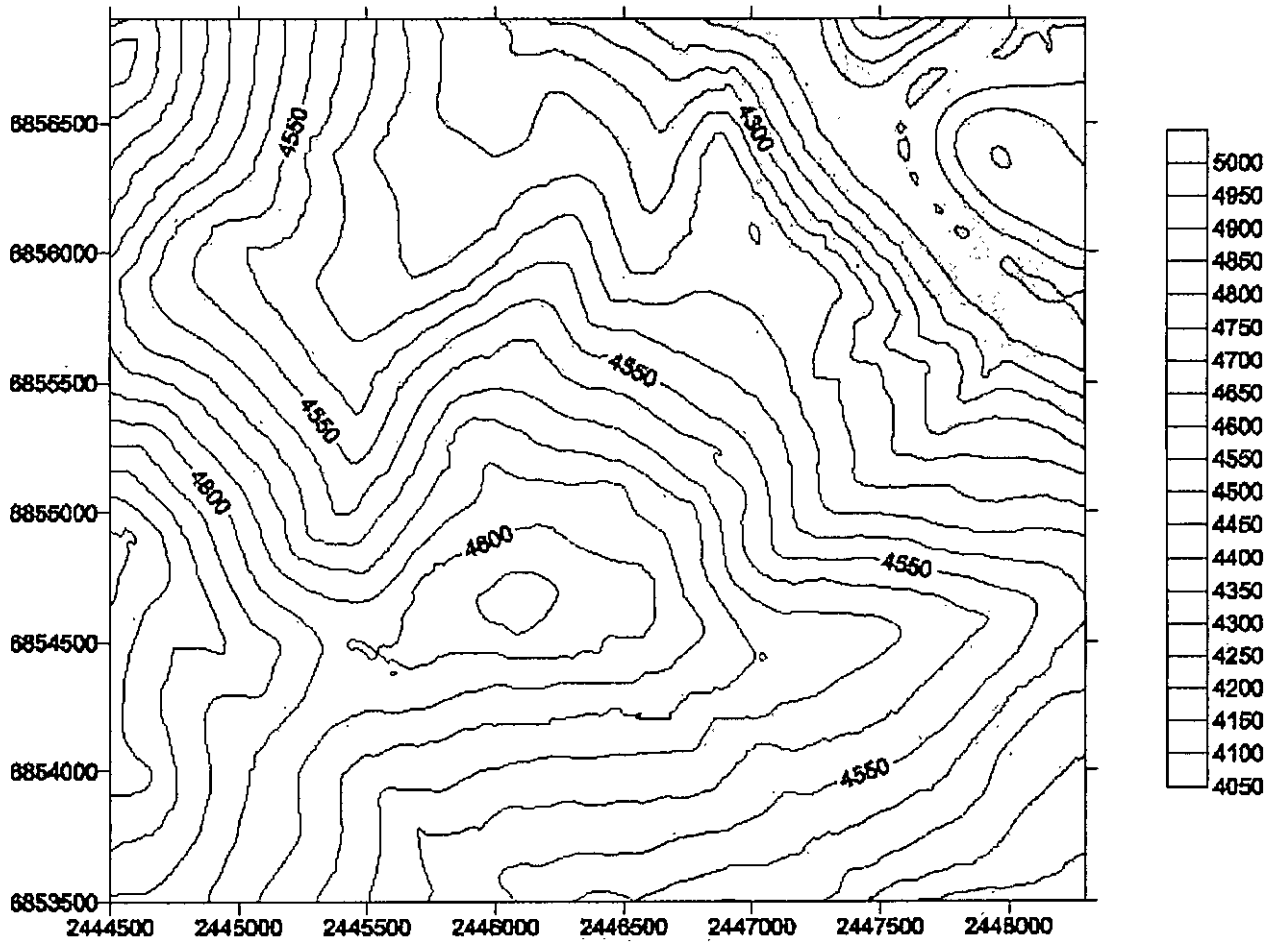

Figure 16.3: Topographic map of the Josemaría project. Contour interval is 5 m.

16.1.3 Density.

There are two sets of density values available for Josemaría. The first set of 8 values was obtained during winter 2005, while the second set of 82 samples was obtained in November, 2005. All the density samples were processed at the metallurgical laboratory of the Universidad Nacional de San Juan.

The measurements of bulk density were done on core pieces (size > 1.5" (40 mm Tyler mesh), using the paraffin-coated method. The paraffin is applied on the pieces, and a displaced volume determination is done in distilled water. The overall average of 2.59 t/m^3 was used to estimate resource tonnages.

16.1.4 Ore Controls and Estimation Domains.

The local geology of the Josemaría deposit offers some elements that can be used to control extrapolation of grades at the time of estimating resources:

1. There are a series of NW-SE trending district-scale structures, which apparently provide northern and southern boundaries to the deposit. The one to the north correspond to a contact between the intrusive complex of interest (to the south) and a newer medium-sized granite intrusion to the north, apparently barren. To the south, several structures exist, cutting off the favourable intrusive complex to the south.

2. There is a low-angle thrust fault that dips to the east, which is overlain by a younger (plio-pleistocene) volcanic sequence (SEV) that has been thrown over the older intrusive complex, and is generally low grade or barren. Although some breccias intrude through the fault with minor mineralization, this has been used as an upper and eastern limit to the mineralization of interest. The updated interpretation of this low-angle thrust fault indicates an even lower angle than the one used in the prior resource estimate.

3. Another major N-S structure appears to provide a Western limit to the deposit, coincidental with an advanced argillic alteration zone (known as the "Dedo", or finger) with significant spatial expression on the surface. Although there is little information that would allow projecting downward confidently, this limit has been assumed sub-vertical, since the few drill holes in the area suggest so.

4. Finally, a leached cap has been modeled by Suranima Resources' geologists corresponding to the upper levels of the mineralized volume, and was used a separate estimation domain.

5. Within the intrusive complex, several mineralization controls were detected, and are different for Au and TCu. In particular, alteration appears to control more copper grades, while lithology appears to have a stronger influence on gold mineralization. For this resource estimate, however, no separate estimation domains within the mineralized zone were obtained, partly due to the lack of confidence on the lithology and alteration data from the RC holes, and the fact that this resource estimate is early stage. Therefore, the estimation domains defined were the SEV (volcanic sequence) above the low-angle thrust fault, the leached material, and the remaining volume as a single mineralized domain.

Several statistical analyses were carried out to describe mineralization within the zones defined, some of which are presented in Section 16.2 of this Report.

All features described here have been modeled by Suramina Resources' geologists, and correspond to the elements described above. The computerized models are all surfaces, with the exception of the

outer limits of the deposit, represented by the two NW-SW trending faults (one to the south, the other to the north, and the western-most limit, represented by the surface contact of the advanced argillic alteration, projected sub-vertically. These sets of strings were converted into a three-dimensional solid, to allow for selection of blocks and data within.

16.2 Statistical Analysis and Variography.

16.2.1 Compositing.

Two-meter long composites were obtained from the original assay data, and coded using the modeled geology as being above or below the thrust fault (SEV, or volcanic Sequence), and above or below the leach cap (LIX).

The composite length was chosen mostly due to the lack of data available, which also hampers any more detailed study that could be used to justify the composite length chosen. At this stage of the Josemaría project, length regularization was the primary objective of compositing, although to better control dilution, future resource estimates may be obtained using longer composites. As such, a 2 m composite was accepted as a compromise between the amount of data available for estimation, an adequate regularization given the potential mining selectivity considerations and estimation quality. The overall low variability of the Au and TCu grade distributions make this decision less consequential.

A minimum composite length of 1.0 m was retained for the final estimation database. This is in part due to common practice in industry (50% of nominal composite length is the most accepted threshold), but justified also by the poor correlation observed between the Au and TCu grades and the original sample interval length.

There are three zones that were defined to control grade estimation within the mineralized volume including the main mineralized zone (MZ), the leached cap (LIX) and the volcanic (SEV) sequence. The LIX and SEV zones were estimated as separate domains. The remainder of the composites is assigned to the mineralized zone (MZ, the intrusive complex).

General statistics were obtained for each group of composites. Figures 16.4 through 16.9 show the histograms and basic statistics for Au and TCu for each of the three main estimation domains, respectively.

Note how both the SEV and the leached cap (LIX) are mostly barren or very low grade, compared to the main mineralized unit. The overall Au composite average grade is 10 times lower for SEV and 3 times lower for LIX, while for TCu is 15 times and 10 times lower, respectively.

The overall variability observed in Figures 16.4 through 16.9 is low, even though the distributions shown are for very short 2 m composites, and correspond to what is expected in low-grade Cu-Au porphyry systems. The main exception is the SEV unit, and is explained by the presence of very small

pods of mineralization corresponding to breccias that have intruded into the upper volcanic sequence, and are therefore inconsequential from a resource estimate standpoint. Also, it is interesting to note that the TCu grades in the leach cap have increased with respect to the statistics observed in the prior resource estimate. This is both an indication of the smaller amount of secondary processes, as well as the uncertainty in the interpretation of the leach cap in relation to the number of drill holes available and the area covered. It should be noted that only total copper assays are available in the database. Acid soluble and cyanide soluble assays are generally required to model the mineralogy and transition between leach, oxide, supergene and hypogene mineralization in a classical porphyry copper deposit.

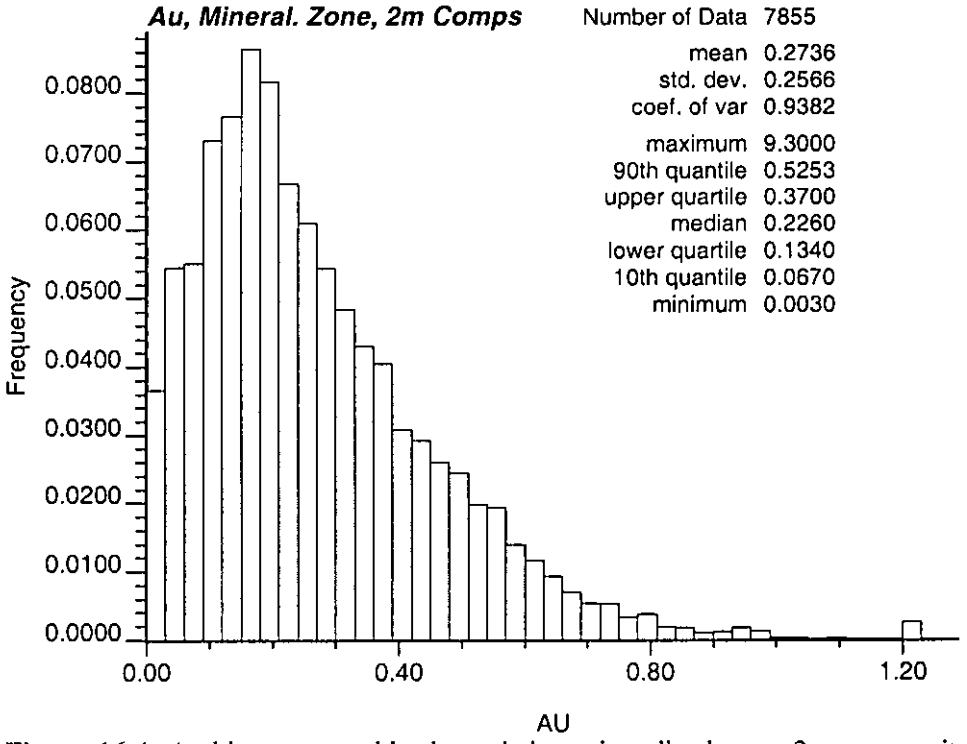

Figure 16.4: Au histogram and basic statistics, mineralized zone, 2 m composites.

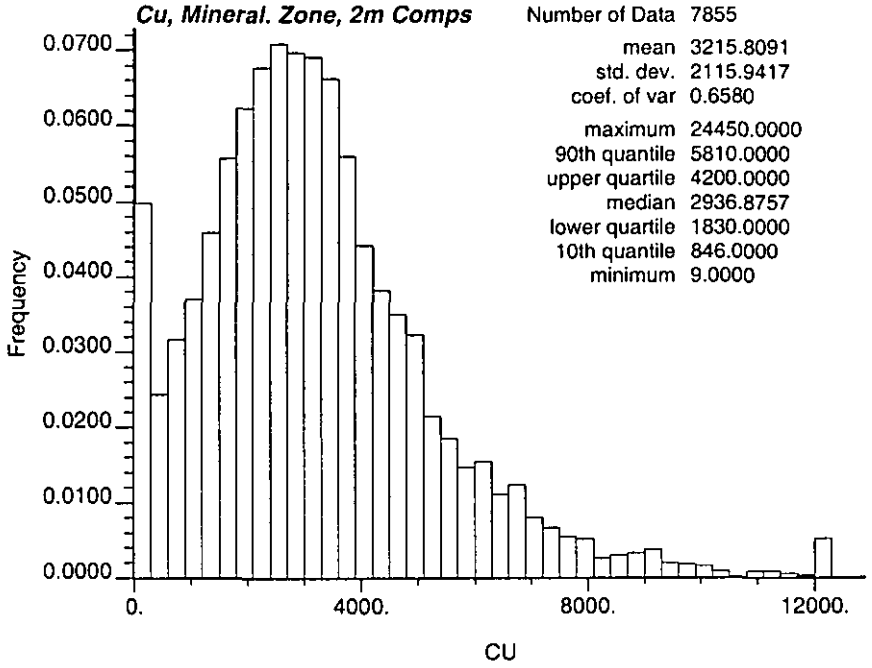

Figure 16.5: TCu histogram and basic statistics, mineralized zone, 2 m composites.

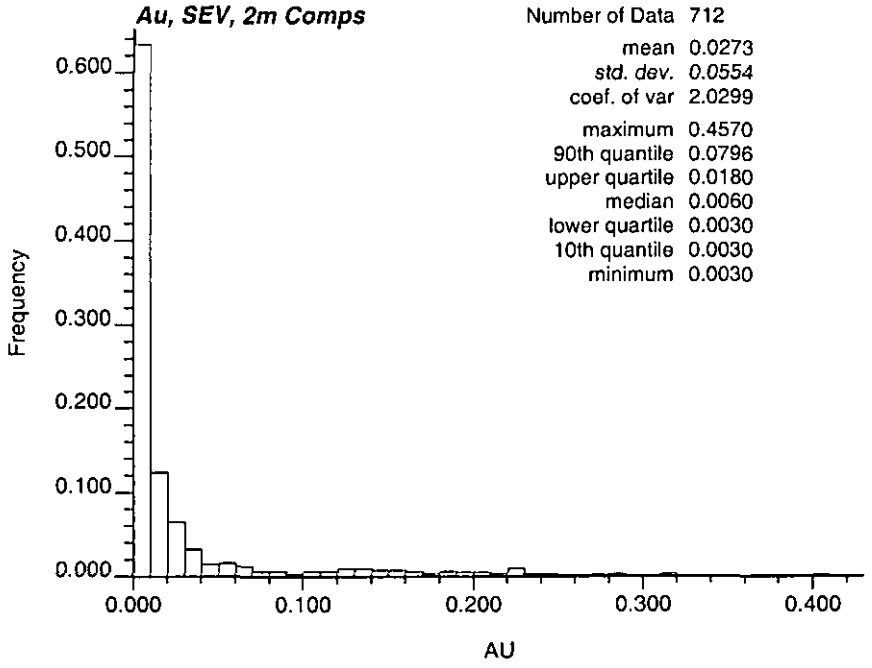

Figure 16.6: Au histogram and basic statistics, SEV, 2 m composites.

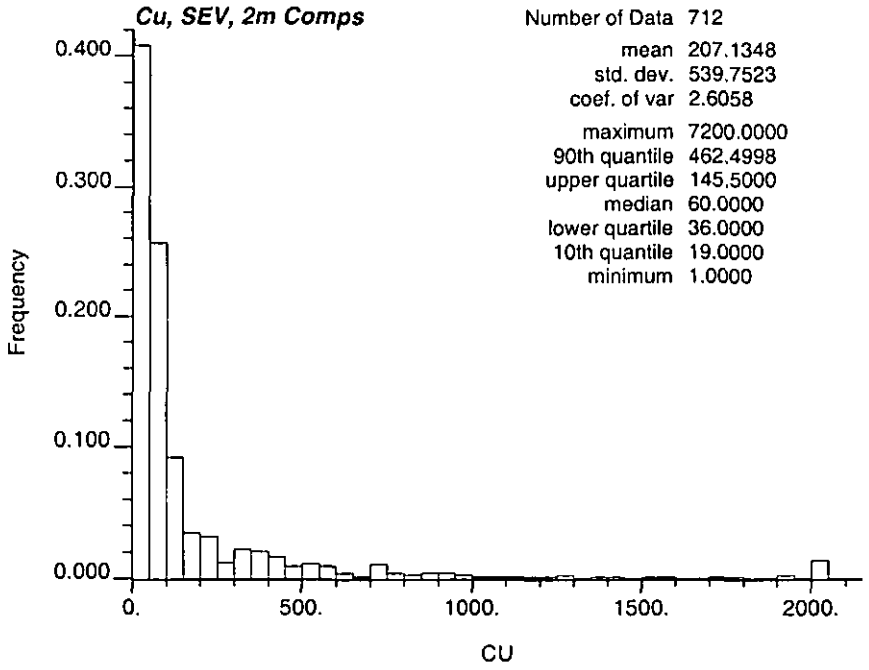

Figure 16.7: TCu histogram and basic statistics, SEV, 2 m composites.

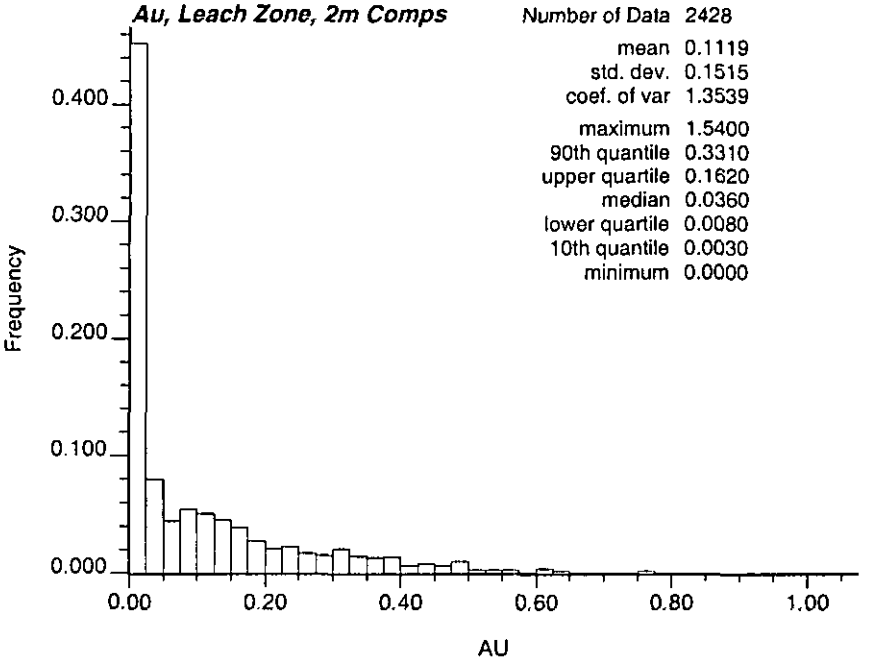

Figure 16.8: Au histogram and basic statistics, leached cap, 2 m composites.

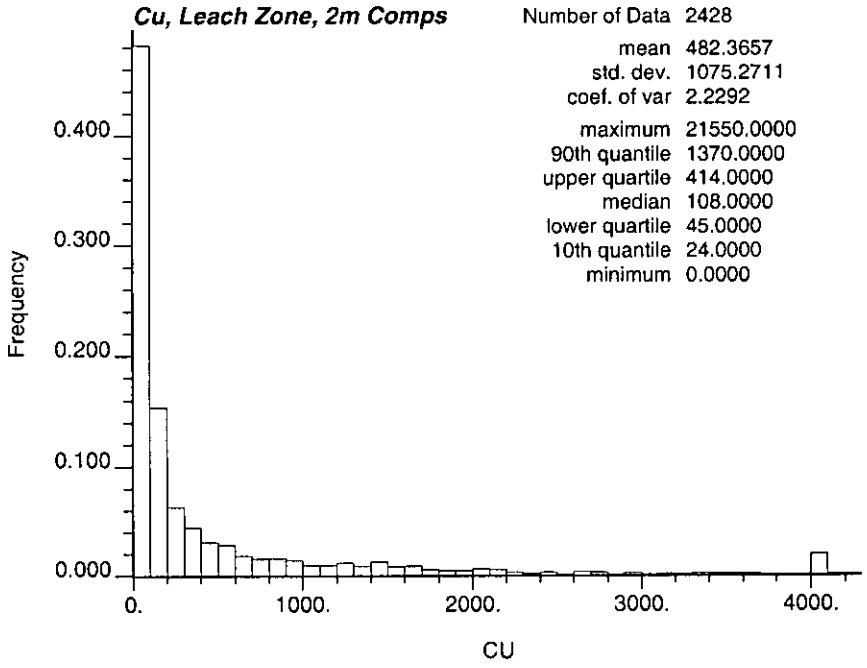

Figure 16.9: TCu histogram and basic statistics, leached cap, 2 m composites.

As discussed elsewhere, the mineralized zone should eventually be split into additional estimation domains, probably based on lithology, alteration and Cu mineralogy zones. At this point it is not possible to do so with the available information, so it is expected that there will be mixing of zones and grades in the current resource estimate. Figures 16.10 and 16.11 shows the log-normal probability plot for Au and TCu in the mineralized zone. Note how the multiple slopes observed suggest the presence of multiple statistical populations, which would presumably correspond to some of the suggested geological populations.

16.2.2 High Grade Composites.

The impact of high grades in the Josemaría project is limited, since the high-grade population is small. The high-grade analysis was based on the probability curves for each estimation domain (shown in Figures 16.10 and 16.11 for the mineralized zone). Also, the quantity of metal as a function of Au and TCu cutoff grades was analyzed.

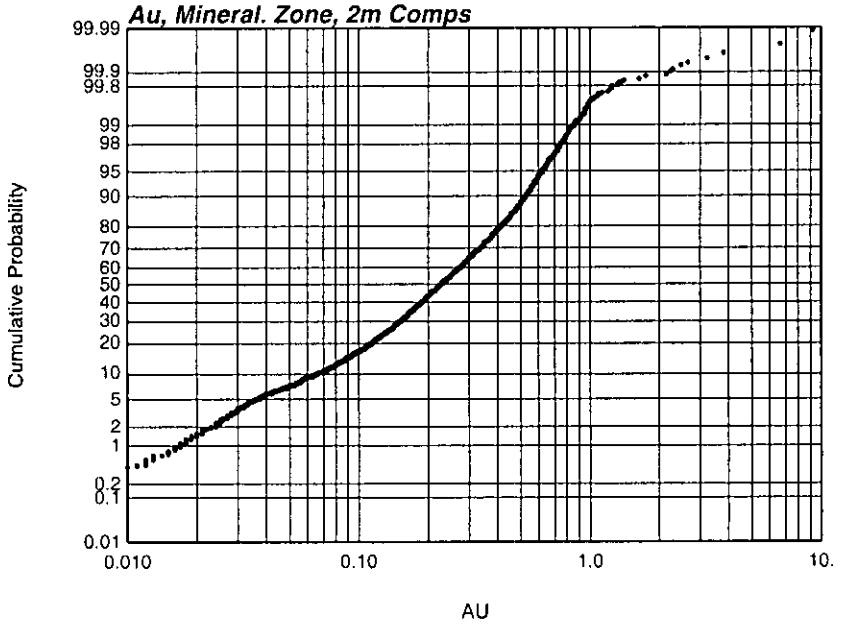

Figure 16.10: Au probability plot, mineralized zone, 2 m composites.

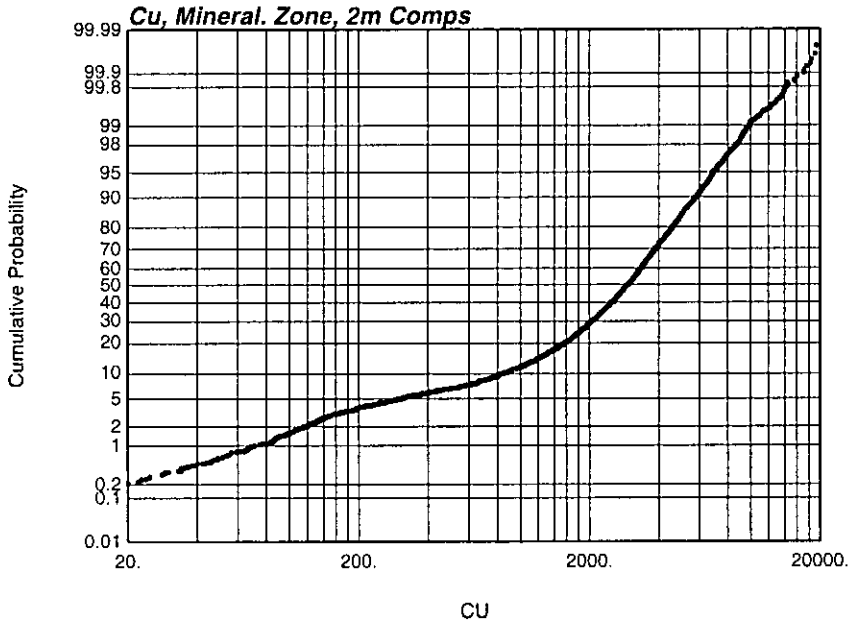

Figure 16.11: TCu probability plot, mineralized zone, 2 m composites.

The most important factor used to determine capping grades was the probability curve. Values at or near the 99% percentile were chosen in all cases, and, based on visual examination, where the grade distribution becomes more discontinuous or has a high inflexion point. Table 16.1 shows the summary for the grade capping applied to obtain this resource model. It is important to note that "capping" means re-setting all values higher than the chosen threshold to that threshold. This was done for the 2 m composites (instead of the original samples), mostly because of practical reasons, since about 85% of the total samples (from RC holes) are 2 m long.

Table 16.1: Au and TCu grade capping, by estimation domain.

Estimation Domain	Au capping grade (g/t)	Approximately Percentile Au distribution	TCu capping grade (ppm)	Approximately Percentile Au Distribution
Mineralized (Zone 0)	1.20	99.5%	14,000	99.5%
SEV	0.25	99.0%	2,000	99.0%
LIX	0.80	99.6%	6,000	99.3%

16.2.3 Variography.

As was done in the prior Resource Estimate, correlograms were run on the original samples for both TCu and Au, without separating estimation domains. The spatial continuity estimator chosen was the correlogram, which has been shown in previous work to be more robust with respect to drift and data variability, allowing therefore for a better estimation of the observed continuity (Srivastava and Parker, 1988).

Correlograms were run on two of the estimation domains defined (SEV and LIX) using the 2 m composites. This is so for all three domains, although in the case of SEV there are few composites available. In the case of the SEV zone (now volumetrically smaller, compared to the 2005 resource estimate), the down-the-hole correlogram was applied in three dimensions.

Figures 16.12 through 16.17 show the summary of the models used in the resource estimate, while in Appendix A the corresponding anisotropy ellipses and graphical summaries are presented.

Au MIN

GSLIB Rotation Conventions

Nugget ==> 0.300
C1 ==> 0.420
C2 ==> 0.280

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> -58
RH Rotation about the X' axis ==> -0
RH Rotation about the Y' axis ==> 39
Range along the Z' axis ==> 217.9 Azimuth ==> 31 Dip ==> 51
Range along the Y' axis ==> 14.8 Azimuth ==> 302 Dip ==> -0
Range along the X' axis ==> 166.8 Azimuth ==> 32 Dip ==> -39

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> -24
RH Rotation about the X' axis ==> 33
RH Rotation about the Y' axis ==> -20
Range along the Z axis ==> 4361.2 Azimuth ==> 189 Dip ==> 52
Range along the X' axis ==> 227.7 Azimuth ==> 77 Dip ==> 16
Range along the Y' axis ==> 801.8 Azimuth ==> 336 Dip ==> 33

Modeling Criteria

Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Figure 16.12: Summary of the Au correlogram model, main mineralized zone.

Cu MIN

GSLIB Rotation Conventions

Nugget ==> 0.120
C1 ==> 0.614
C2 ==> 0.266

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> -85
RH Rotation about the X' axis ==> 58
RH Rotation about the Y' axis ==> 39
Range along the Z' axis ==> 484.2 Azimuth ==> 51 Dip ==> 24
Range along the Y' axis ==> 92.8 Azimuth ==> 275 Dip ==> 58
Range along the X' axis ==> 72.2 Azimuth ==> 331 Dip ==> -20

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 11
RH Rotation about the X' axis ==> 44
RH Rotation about the Y' axis ==> 13
Range along the Z axis ==> 2283.3 Azimuth ==> 173 Dip ==> 45
Range along the X' axis ==> 207.8 Azimuth ==> 92 Dip ==> -9
Range along the Y' axis ==> 540.5 Azimuth ==> 11 Dip ==> 44

Modeling Criteria

Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Figure 16.13: Summary of the TCu correlogram model, main mineralized zone.

Au SEV DTH

GSLIB Rotation Conventions

Nugget ==> 0.100
C1 ==> 0.318
C2 ==> 0.582

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 0
RH Rotation about the X' axis ==> 0
RH Rotation about the Y' axis ==> 0
Range along the Z' axis ==> 99.5 Azimuth ==> 90 Dip ==> 90
Range along the Y' axis ==> 99.5 Azimuth ==> 360 Dip ==> 0
Range along the X' axis ==> 99.5 Azimuth ==> 90 Dip ==> 0

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 0
RH Rotation about the X' axis ==> 0
RH Rotation about the Y' axis ==> 0
Range along the Z axis ==> 99.6 Azimuth ==> 90 Dip ==> 90
Range along the X' axis ==> 99.6 Azimuth ==> 90 Dip ==> 0
Range along the Y' axis ==> 99.6 Azimuth ==> 360 Dip ==> 0

Modeling Criteria

Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Figure 16.14: Summary of the Au correlogram model, SEV, 2 m composites.

Cu SEV DTH

GSLIB Rotation Conventions

Nugget ==> 0.010
C1 ==> 0.710
C2 ==> 0.280

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 0
RH Rotation about the X' axis ==> 0
RH Rotation about the Y' axis ==> 0
Range along the Z' axis ==> 5.2 Azimuth ==> 90 Dip ==> 90
Range along the Y' axis ==> 5.2 Azimuth ==> 360 Dip ==> 0
Range along the X' axis ==> 5.2 Azimuth ==> 90 Dip ==> 0

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 0
RH Rotation about the X' axis ==> 0
RH Rotation about the Y' axis ==> 0
Range along the Z axis ==> 131.4 Azimuth ==> 90 Dip ==> 90
Range along the X' axis ==> 131.4 Azimuth ==> 90 Dip ==> 0
Range along the Y' axis ==> 131.4 Azimuth ==> 360 Dip ==> 0

Modeling Criteria

Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Figure 16.15: Summary of the TCu correlogram model, SEV, 2 m composites.

Au LIX

GSLIB Rotation Conventions

Nugget ==> 0.050
C1 ==> 0.035
C2 ==> 0.915

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> -20
RH Rotation about the X' axis ==> -32
RH Rotation about the Y' axis ==> 16
Range along the Z' axis ==> 115.9 Azimuth ==> 8 Dip ==> 55
Range along the Y' axis ==> 140.3 Azimuth ==> 340 Dip ==> -32
Range along the X' axis ==> 82.2 Azimuth ==> 79 Dip ==> -13

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 72
RH Rotation about the X' axis ==> -50
RH Rotation about the Y' axis ==> -38
Range along the Z axis ==> 916.7 Azimuth ==> 26 Dip ==> 30
Range along the X' axis ==> 115.7 Azimuth ==> 131 Dip ==> 23
Range along the Y' axis ==> 1393.5 Azimuth ==> 72 Dip ==> -50

Modeling Criteria

Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Figure 16.16: Summary of the Au correlogram model, LIX, 2 m composites.

Cu LIX

GSLIB Rotation Conventions

Nugget ==> 0.140
C1 ==> 0.507
C2 ==> 0.353

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 18
RH Rotation about the X' axis ==> 21
RH Rotation about the Y' axis ==> 9

Range along the Z' axis	==> 29.4	Azimuth ==> 173 Dip ==> 67
Range along the Y' axis	==> 17.5	Azimuth ==> 18 Dip ==> 21
Range along the X' axis	==> 3.7	Azimuth ==> 104 Dip ==> -9

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 53
RH Rotation about the X' axis ==> 23
RH Rotation about the Y' axis ==> 9

Range along the Z axis	==> 1579.1	Azimuth ==> 210 Dip ==> 66
Range along the X' axis	==> 216.5	Azimuth ==> 139 Dip ==> -8
Range along the Y' axis	==> 624.3	Azimuth ==> 53 Dip ==> 23

Modeling Criteria

Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Figure 16.17: Summary of the TCu correlogram model, LIX, 2 m composites.

The correlogram models are consistent with what was modeled in the 2005 resource modeling exercise, and are deemed reasonable and in agreement with current geologic knowledge. The main conclusions

and observations obtained from variography are:

1. Overall correlations are in the same order of magnitude as expected for this type of deposit, between 100 m to 200 m for about 50 to 70% of the total variance. General directions of continuity are N-W for the first structure and N-S to N-E for the overall model. In some cases, and in particular for Au and considering the first structure, there is good continuity down dip, although rarely as good as the along-strike continuity.

2. Generally, the TCu and Au spatial correlations are similar, particularly as it relates to the overall spatial distribution. However, there are differences that may be significant, since they suggest a stronger structural control (sub-vertical) for the shorter-range correlations in the case of Au.

3. In the sub-horizontal plane, the first structures tend to exhibit a NW-SE trend, which corresponds to a district-wide structural system, while the longer-ranges appear to correspond to a different district-wide system, orientated more N-S to NE-SW.

16.3 Resource Block Model.

16.3.1 The Josemaría Block Model Definition.

The Josemaría resource block model was defined as a single-size block model that encompasses the area of interest. The model has the following limits, expressed in Gauss-Kruger Campo Inchauspe coordinates and referred to the southwest, lower corner of the block:

- Minimum Easting: 2,445,000E;
- Maximum Easting: 2,448,000E;
- Minimum Northing: 6,854,000N;
- Maximum Northing: 6,856,000N;
- Minimum Elevation: 3,500 m;
- Maximum Elevation: 5,000 m.

The block size chosen was 25 x 25 x 15 m, intended to reflect drill hole spacing available and generally accepted practices used to model large, Cu-Au porphyry deposits. The block size is small for areas where sections are at 100 m spacing or more. This is applicable to the outer zones of the deposit and towards the lower levels of the model.

The upper portion of the model was truncated with the existing topography. The northern and southern most limits were defined by two NW-SE trending faults or contacts. The western edge was defined by the sub-vertical advanced argillic contact, the same limits as used in the January 2006 resource model.

Grades were estimated using ordinary kriging (Journel and Huijbregts, 1978) and the correlogram models described in the previous section. Within the mineralized intrusive complex, separate zones or domains of mineralization are suspected, but were not modeled given the relatively small number of data. Except for separating the SEV and Leach zones, in this model grades have been estimated as a single mineralized zone.

Three estimation passes were used to estimate the resource model. Each pass was done using a varying degree of requirements before any given block could be estimated. The reason for using this method is that better block-by-block estimation can be achieved by using more restrictions on those blocks closer to drill holes, and thus better informed.

Data selection was done using octant searches in all cases, since it helps to avoid over-influence of individual drill holes in areas with redundant information.

The main parameters of the kriging plans used are presented in Tables 16.2 through 16.7 for both Au and TCu, and for each estimation domain. In all cases, block kriging was performed, and block discretization used was 3 x 3 x 3 points within each block. Note that a hard boundary between LIX, SEV and the main mineralized zone was used, whereby only the composites flagged as belonging to the zone being estimated were used to provide grade within each zone.

Note that in this resource update no rotation angles were applied to define the search neighborhood. The search radii, however, were similar to those used in the prior resource estimate. All blocks not estimated using the kriging plans shown, remain un-estimated, even if within the mineralized zone, and are currently considered barren.

Figure 16.18 shows a cross section of the TCu grade model, while Figure 16.19 shows a plan view also for TCu. In addition to the block model grades, 2 m drill hole composites and the topographic surface used are also shown. The 25 x 25 x 15 m blocks provide the scale for the view. Warm colors are higher grade, with orange, red, and magenta representing estimated TCu grades $\geq$ 0.40%.

Figure 16.20 shows the corresponding cross section for the Au model, while Figure 16.21 shows the corresponding plan view. As before, the 25 x 25 x 15 m blocks provide the scale for the view, with warm colors representing higher grades.

Table 16.2: Kriging plans, OK grade estimation, mineralized zone, Au.

Pass	*Search in rotated Y, X, and Z*	*Min No. of Comps*	*Max No. of Comps*	*Max. No. of Comps/Octant)*	*Au Capping*
1	60x60x60m	5	10	2	1.2 g/t
2	120x120x120m	3	12	2	1.2 g/t
3	200x200x200m	3	16	3	1.2 g/t

Table 16.3: Kriging plans, OK grade estimation, mineralized zone, TCu.

Pass	*Search in X, Y, and Z*	*Min No. of Comps*	*Max No. of Comps*	*Max. No. of Comps/Octant)*	*TCu Capping*
1	80x80x80m	5	10	2	14,000ppm
2	160x160x160m	3	12	2	14,000ppm
3	240x240x240m	3	16	3	14,000ppm

Table 16.4: Kriging plans, OK grade estimation, SEV, Au.

Pass	*Search in X, Y, and Z*	*Min No. of Comps*	*Max No. of Comps*	*Max. No. of Comps/Octant)*	*Au Capping*
1	40x40x40m	5	10	2	0.25 g/t
2	80x80x80m	3	12	2	0.25 g/t
3	100x100x100m	3	16	3	0.25 g/t

Table 16.5: Kriging plans, OK grade estimation, SEV, TCu.

Pass	*Search in X, Y, and Z*	*Min No. of Comps*	*Max No. of Comps*	*Max. No. of Comps/Octant)*	*TCu Capping*
1	40x40x40m	5	10	2	2,000 ppm
2	70x70x70m	3	12	2	2,000 ppm
3	130x130x130m	3	16	3	2,000 ppm

Table 16.6: Kriging plans, OK grade estimation, LIX, Au.

Pass	*Search in X, Y, and Z*	*Min No. of Comps*	*Max No. of Comps*	*Max. No. of Comps/Octant)*	*Au Capping*
1	30x30x30m	5	10	2	0.80 g/t
2	50x50x50m	3	12	2	0.80 g/t
3	70x70x70m	3	16	3	0.80 g/t

Table 16.7: Kriging plans, OK grade estimation, LIX, TCu.

Pass	*Search in X, Y, and Z*	*Min No. of Comps*	*Max No. of Comps*	*Max. No. of Comps/Octant)*	*TCu Capping*
1	30x30x30m	5	10	2	6,000 ppm
2	50x50x50m	3	12	3	6,000 ppm
3	70x70x70m	2	16	3	6,000 ppm

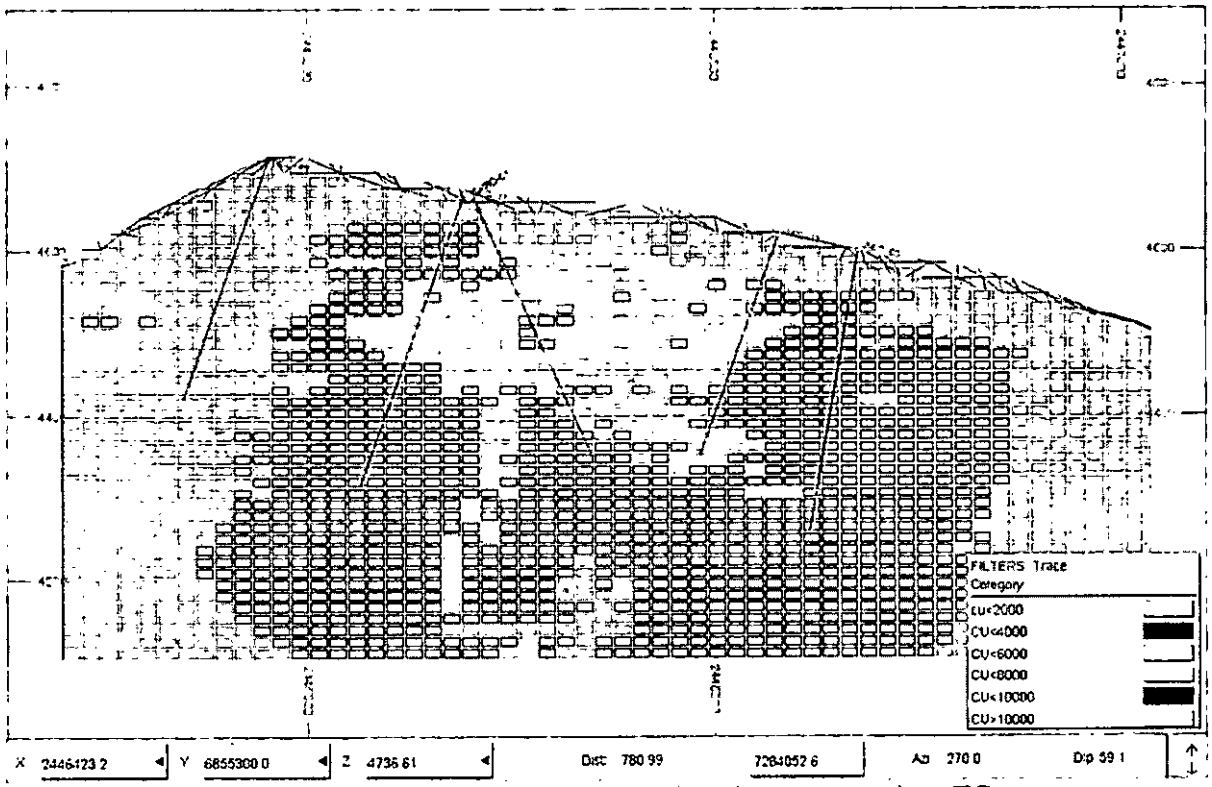

Figure 16.18: Section 6855300Nwith color-coded block and 2 m composites, TCu.

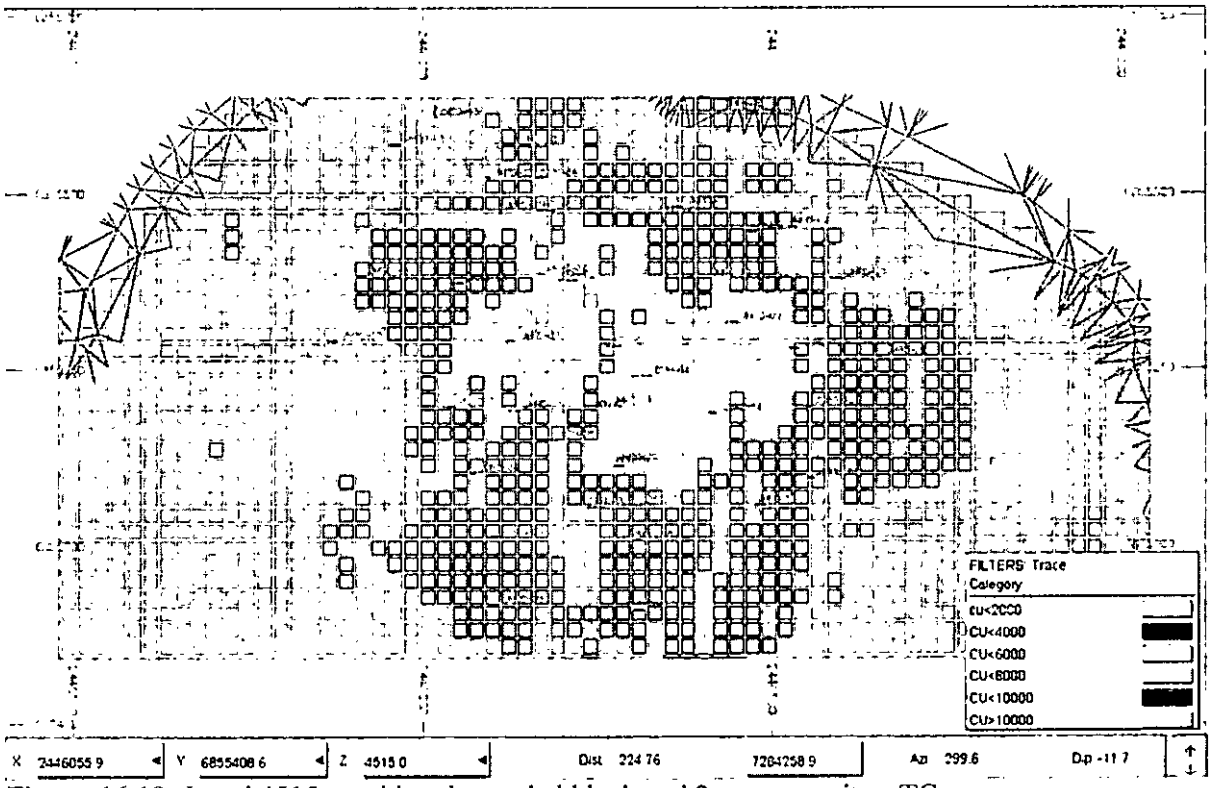

Figure 16.19: Level 4515 m with color-coded block and 2 m composites, TCu.

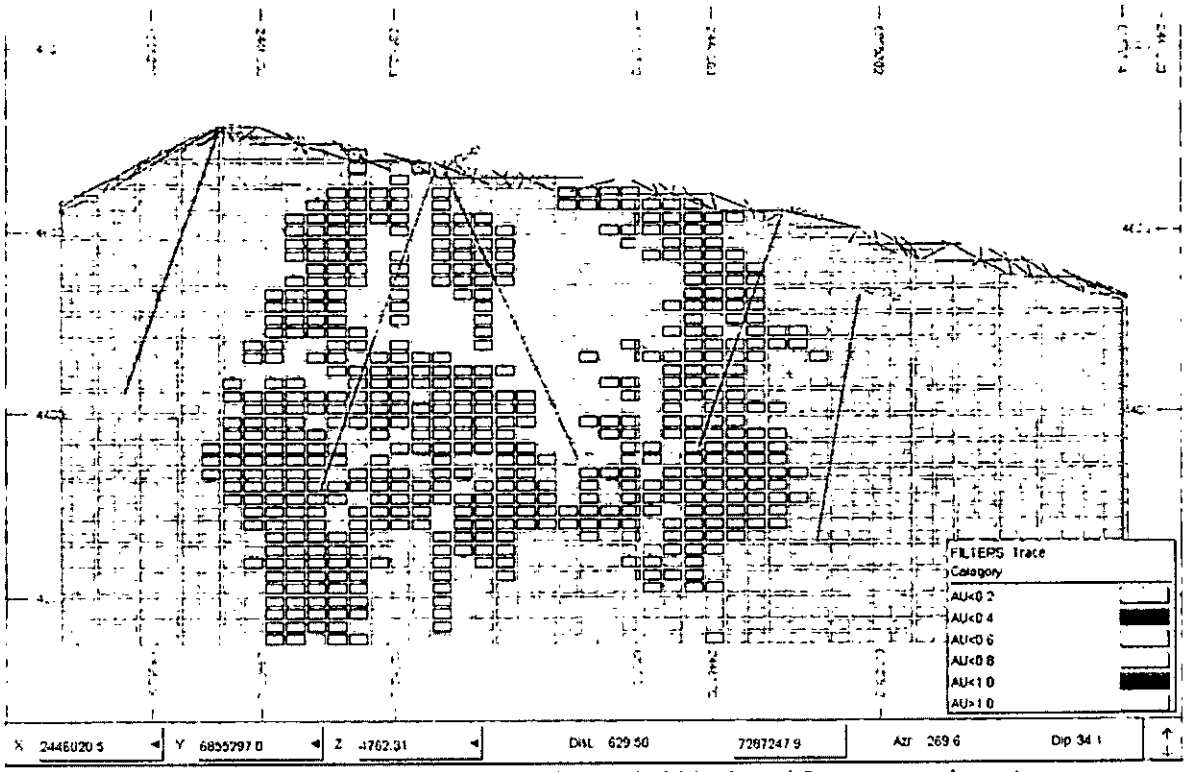

Figure 16.20: Section 6855300N showing color-coded block and 2 m composites, Au.

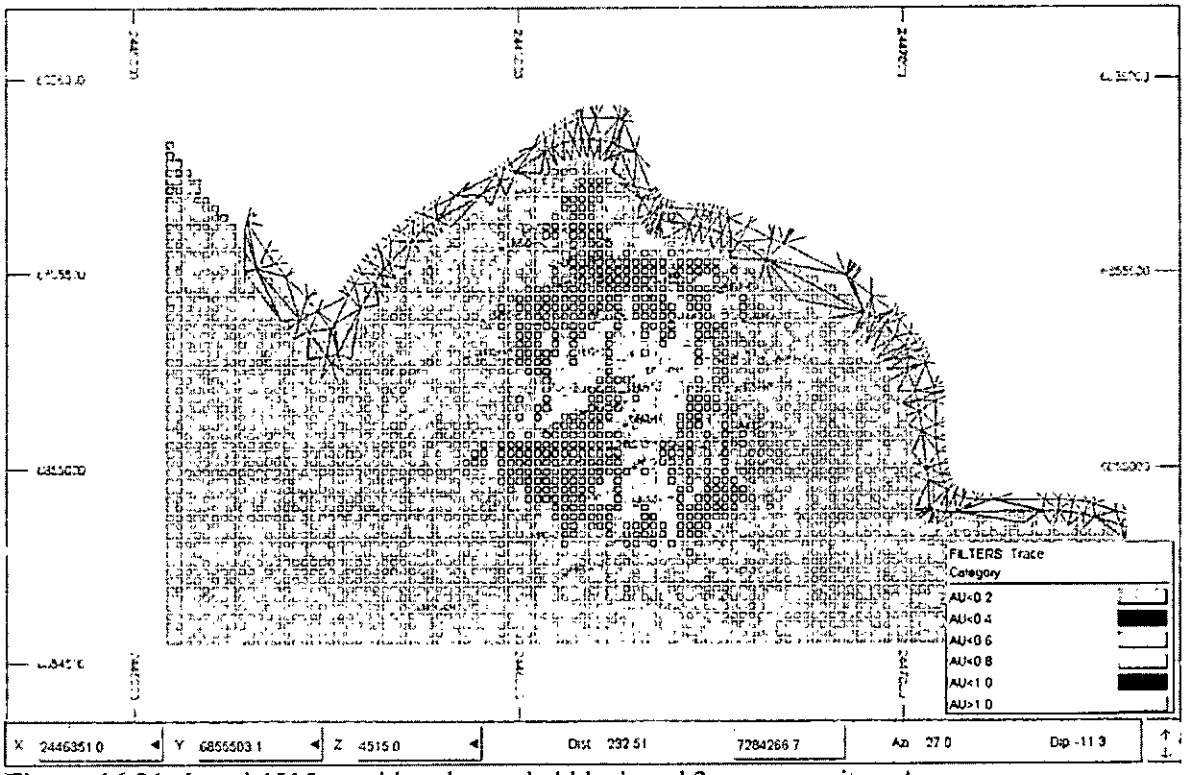

Figure 16.21: Level 4515 m with color-coded block and 2 m composites, Au.

16.3.2 Resource Classification.

Under the CIM Definition Standards, December 11, 2005, Josemaría resources are classified as *inferred.*

Measured resources would require that "quantity, grade, density, shape, and physical characteristics need to be established with confidence sufficient to allow the appropriate application of technical and economic parameters" such that production planning and the evaluation of the economic viability of the deposit is possible. In the case of *Indicated resources*, the level of confidence should be sufficient to allow for the application of appropriate technical and economic parameters, mine planning, and economic evaluation.

Several factors influence the classification of the Josemaría resource model. Some limited areas have sufficient drilling to allow classification of indicated resources, if considering the ranges observed in the correlogram models and common practice at other deposits of similar nature. However, there are still other aspects of the data available that require upgrading before the resource can be classified as indicated. The most important ones are:

1. Lack of metallurgical testing. Although there is an expectation that the mineralization would be

amenable to conventional beneficiation processes, there has been no metallurgical testing to date.

2. Lack of detailed geologic model within the mineralized zone. All mineralization has been estimated as a single unit, simply because it is still too difficult and uncertain to separate mineralized areas that respond to different geologic controls. Further interpretative work is needed to upgrade the geologic model.

3. Data limitations. Issues such as lack of down-the-hole measurements and limited quality control/quality assurance also restrict the confidence on the information used to estimate the resource.

16.3.3 Geologic Resources and Grade-Tonnage Curves.

Table 16.8 summarizes the overall TCu and Au resources according to TCu cutoff for the Josemaría Copper-Gold project[1]. The resource estimate was completed by Mr. Mario E. Rossi, Qualified Person according to the definition set out in NI 43-101 by reason of education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience. Also, Mr. Rossi is independent of Suramina Resources Inc. applying all of the tests in section 1.5 of NI 43-101.

The most important observations are:

1. The overall resource at a 0.3% TCu cutoff is inferred at 460 million tonnes at 0.39% TCu and 0.30 g/t Au. There is a slightly better Au grade and slightly lower Cu grade, for an increase in tonnage relative to the previous resource estimate.

2. The amount of resources above cutoff drops rapidly for higher cutoffs. There are approximately 330 million tonnes estimated within the 0.3% to 0.4% cutoff grade class.

There are no known environmental, permitting, legal, title, taxation, socio-economic, marketing, and political or other relevant issues that may materially affect the resource estimates.

Other relevant factors that may materially affect the resources, including mining, metallurgical, and infrastructure are not yet known, and have not been discussed in this report.

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[1] All Figures in the Resource Tables presented in this Report may show apparent inconsistencies due to rounding errors.

Table 16.8: Total Resource, 2007 Resource Model, Josemaría.

Josemaría Model, Inferred Resources			
TCu Cutoff (%)	Million tons above TCu cutoff	TCu Grade (%)	Au Grade (g/t)
0.2	1,125	0.31	0.22
0.3	460	0.39	0.30
0.4	131	0.51	0.38
0.5	52	0.60	0.43
0.6	20	0.70	0.45
0.7	7	0.80	0.47
0.8	3	0.89	0.48

16.3.4 Statistical and Graphical Validation of the Model.

Extensive graphical validation was completed on the block model, which serves several purposes:

- Checks the reasonableness of the estimated grades, based on the kriging plan and the nearby composites.
- Checks that the estimated blocks carry the envelope and oxide/sulphide codes as interpreted and modeled, and that topography has been properly accounted for.
- Checks that the general drift and the local grade trends of the block model, compared to the drift and local grade trends of the composites.

Cross sections and plans were used to check the model on the computer screen, showing the block grades, the composite data, and the various surfaces used to control estimation. No evidence of any block being wrongly estimated was found: every block grade can be explained as a function of the surrounding composites, the correlogram models used, and the kriging plan applied.

Only a few examples are shown in this report, the remaining validation work is available as background information. The plots of the model Au and Cu grades are shown in Figures 16.23 and 16.24, respectively. Overall the statistical checks (including some not presented here) indicate that the block model grades behave as expected, with an adequate degree of smoothing, and without obvious anomalous values. It is globally unbiased, and internally consistent with the composites and correlogram models used to create it.

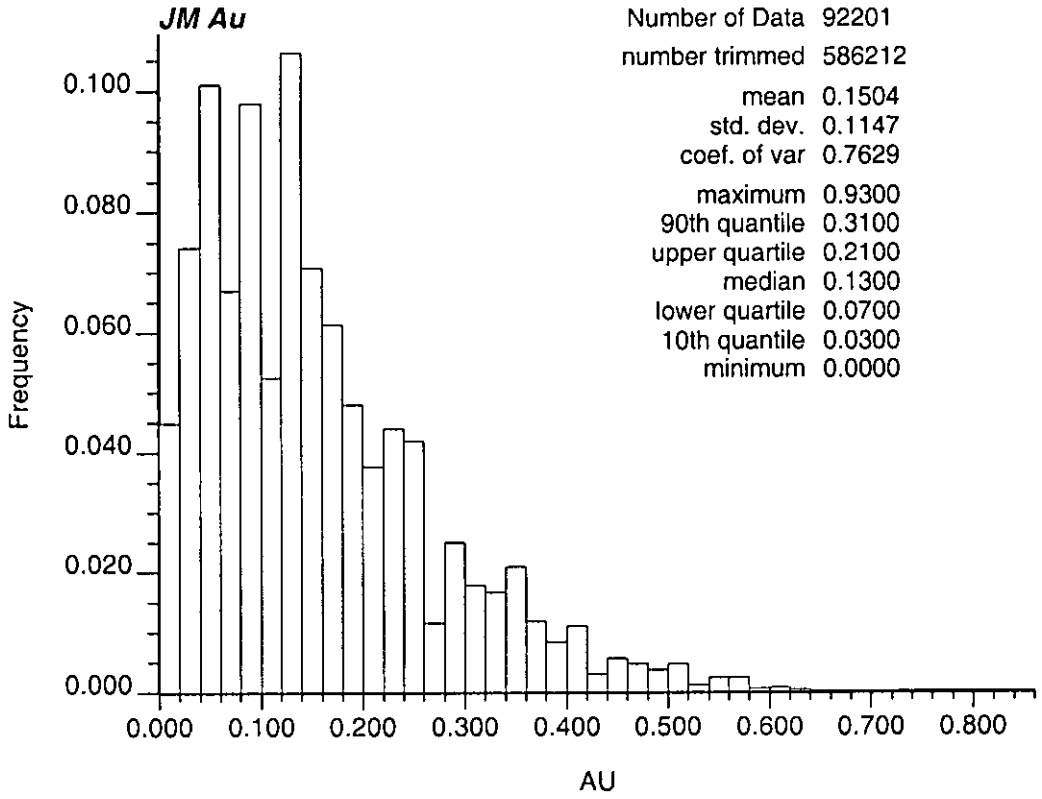

Figure 16.22: Histogram and basic statistics block model grades, Au.

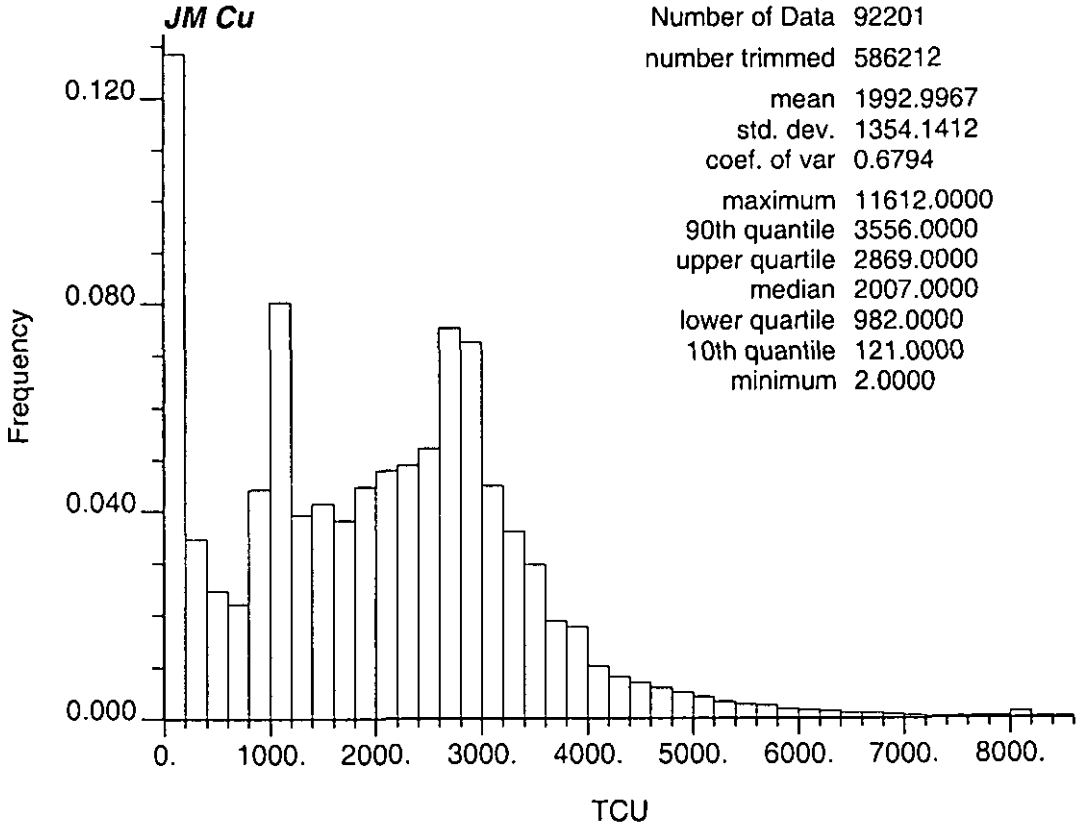

Figure 16.23: Histogram and basic statistics block model grades, Cu.

17 Mineral Processing and Metallurgical Testing

No mineral processing or metallurgical testing has been conducted on samples taken from the Josemaría property.

18 Other Relevant Data and Information

There is no additional information that the authors are aware of that would significantly affect the interpretation and conclusions of this report.

19 Interpretation and Conclusions

Geological mapping, geophysics and geochemistry evidence has lead to ongoing drilling on the Josemaria property that has continued to expand a prospective Cu-Au porphyry system. The work completed to date has provided the basis for an updated resource estimate.

The extent of the system modeled for the inferred resource estimate is approximately 1200 m in the north-south direction and 950 m in the east-west direction. Drilling extends from 4855 masl to 3750 masl. The longest drill hole was 850 m. Subsequent modeling has ranged from 4850 masl to 3550 masl, a vertical model extent of 1300 m.

In the current model three zones were defined to control grade estimation within the mineralized volume. These were the main mineralized zone (MZ), leached cap (LIX) and the volcanic (SEV) sequence . The lixiviation zone was modeled based upon copper depletion and weathering profile logging. This zone of depletion varies from 50 m to 150 m in thickness.

The resource estimate prepared in this report can be used to guide further exploration of the deposit both to depth and to the west, north-west and south-east. Infill drilling is required to upgrade the resource classification from inferred to indicated and measured resources.

20 Recommendations

20.2 General

The purpose of this report is to provide a preliminary estimate of the inferred resource delineated by the exploration programs undertaken to the end of the 2006/2007 exploration field season. The recommendations below are generally directed towards improving future estimates and providing some guidance for further local exploration of the Josemaria Project. Additional exploration related recommendations were also provided in the technical report entitled "***Exploration Update for the Josemaria Project, San Juan Province, Argentina***" dated June 15, 2007 by John Nilsson P.Eng. and Mario Rossi M.Sc.

Topography

The topographic surface and survey control used for this level of study is adequate but consideration should be given to improving the quality and accuracy of the topography surface as the project advances.

Drillhole Surveys

Downhole surveys should be made of holes that can be re-entered and of all new drillholes.

Density Determination

The density database for the project is limited. Density determinations should be undertaken as a routine part of the core logging procedure.

QA/QC

No serious issues have been revealed with respect to QA/QC in the work done to date. Continued vigilance is required to maintain the standards achieved so far on the project.

Resource Model Domains

The resource model domains are still simplistic and there may be an opportunity to improve the definition of grade domains based on alteration and additional structural elements.

References have been made to gold mineralization possibly related to epithermal events that could/should be isolated from porphyry copper-gold mineralizing events. At the current drill spacing

these distinctions have not been identified and included in the resource model. Future work should address these issues if high gold values are encountered in the drilling results.

Geo-metallurgical Model

Future preliminary economic assessments of the deposit will require metallurgical test work to establish expected values for copper and gold recovery, concentrate grade, and work indices. A program for preliminary metallurgical testing should be developed and incorporated in future drill programs including acid and cyanide soluble assays for copper in areas near the hypogene interface.

Geotechnical

Porphyry copper gold deposits typically lend themselves to large scale mining methods including open pit mining and underground caving methods. Rock mechanics properties and structural analyses will be required for future preliminary economic assessments. Core holes should be logged for geo-technical properties. Site geologists should be provided with guidelines and training to collect this information.

ARD Models

Large mining project have the potential to impact the local environment. It is recommended that Suramina develop a database leading to creation of an Acid Rock Drainage (ARD) characterization model. Availability of this information will greatly improve the development of future mine plans both for the purposes of permitting and cost estimation.

Adjacent Properties

As the Josemaria Project is located in a prospective region for exploration, it is possible that there could be economic synergies with development other deposits. As such, further exploration and development of the deposit should be undertaken with this possibility in mind.

21 Certificates of Authors

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CERTIFICATE of AUTHOR

I, Mario E. Rossi, Min. Eng., MSc, do hereby certify that:

1. I am Principal Geostatistician of:
   GeoSystems International, Inc
   15998 Mataro Bay Ct
   Delray Beach, Florida, USA,
   33446.
2. I graduated with a Master of Science degree in geostatistics from Stanford University, California, USA, in 1988. In addition, I have obtained a Mining Engineering degree from the University of San Juan, Argentina, in 1985.
3. I am a member of the Canadian Institute of Mining and Metallurgy (CIMM), a fellow of the Australian Institute of Mining and Metallurgy (AusIMM, Australia), a member of the Society of Mining Engineers (SME, USA), a member of the International Association of Mathematical Geology (IAMG), and a member of the Geological Society of America (GSA).
4. I have worked as a geostatistician for a total of 19 years since my graduation from university, and as a mining engineer for an additional 2 years.
5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible for the preparation of section 16 of the technical report titled Resource Estimate Update Josemaria Project, and dated 20th November, 2007 (the "Technical Report") relating to the Josemaria Project. I visited the Josemaria property in November, 2005 for 3 days.
7. I have had prior involvement with the property that is the subject of the Technical Report.
8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
9. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

Dated this 20th Day of November, 2007.

Mario E. Rossi

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CERTIFICATE of AUTHOR

I, John Nilsson P.Eng., do hereby certify that:

1. I am President of:

   Nilsson Mine Services Ltd.
   20263 Mountain Place
   Pitt Meadows, British Columbia
   V3Y 2T9

2. I graduated with a Bachelors degree in Geology from the Queen's University in 1977. In addition, I obtained a Masters degree in Mining Engineering from the Queen's University in 1990.

3. I am a member of the Association of Profession Engineers of British Columbia.

4. I have worked as a geologist and mining engineer for a total of 30 years since my graduation from university.

5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for assembly of the report and review of the resource estimation procedures.

7. I have had prior involvement with the property that is the subject of the Technical Report as co-author of the earlier technical reports.

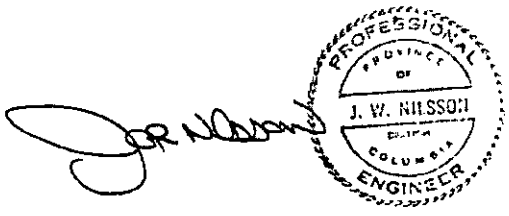
8. I am not aware of any material fact or material change to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

9. I am independent of the issuer applying all the tests in section 1.5 of National Instrument 43-101.

10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

11. I consent to the filing of the report entitled "***Resource Estimate Update Josemaría Project***", and dated 20th November, 2007 (the "Technical Report") relating to the Josemaría Project " with any stock exchange and/or other regulatory authority and any publication of the audit by them, including electronic publication in the public company files on their websites accessible by the public.

Dated this 20th Day of November, 2007.



John Nilsson, P.Eng.

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APPENDIX A

Au and TCu CORRELOGRAMS

ALL DOMAINS

Figure A.1: Summary Model and Directional Variograms, Au, Mineralized Domain.

Figure A.2: Summary Model and Directional Variograms, Cu, Mineralized Domain.

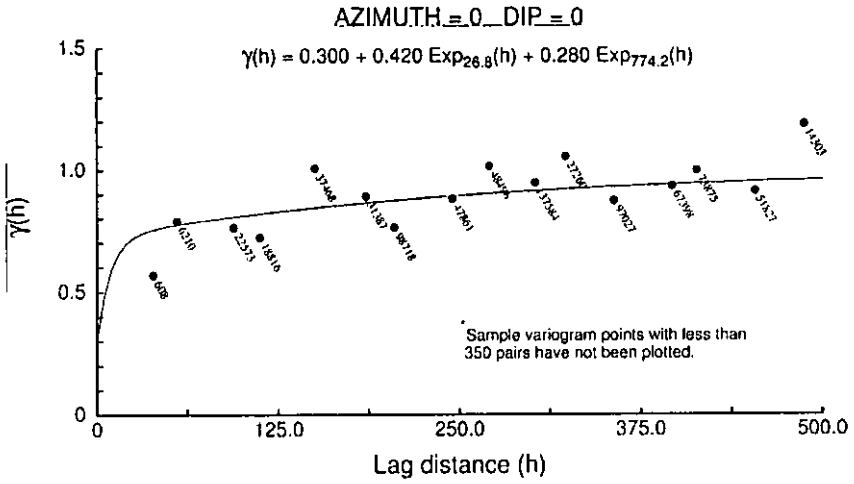
Figure A.3: Summary Model and Directional Variograms, Au, Leached Cap.

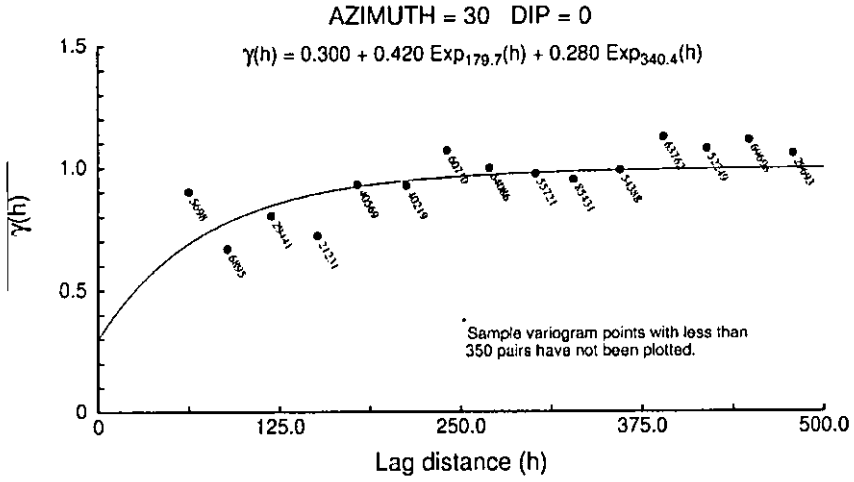
Figure A.4: Summary Model and Directional Variograms, Cu, Leached Cap.

Figure A.5: Summary Model and Directional Variograms, Au, SEV.

Figure A.6: Summary Model and Directional Variograms, Cu, SEV.

Au MIN


AZIMUTH = 0 DIP = 0
γ(h) = 0.300 + 0.420 Exp26.8(h) + 0.280 Exp774.2(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 30 DIP = 0
γ(h) = 0.300 + 0.420 Exp179.7(h) + 0.280 Exp340.4(h)
γ(h)
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0
0
125.0
250.0
375.0
500.0
Lag distance (h)
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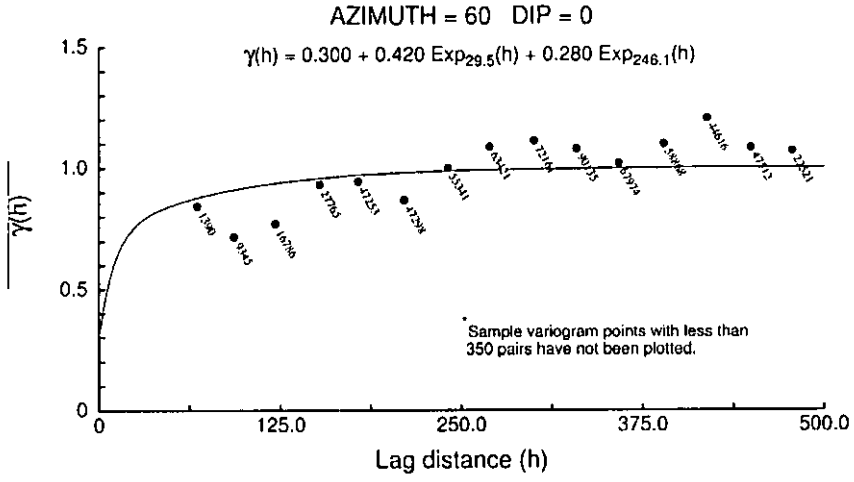
AZIMUTH = 60 DIP = 0
γ(h) = 0.300 + 0.420 Exp29.5(h) + 0.280 Exp246.1(h)
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0
125.0
250.0
375.0
500.0
Lag distance (h)
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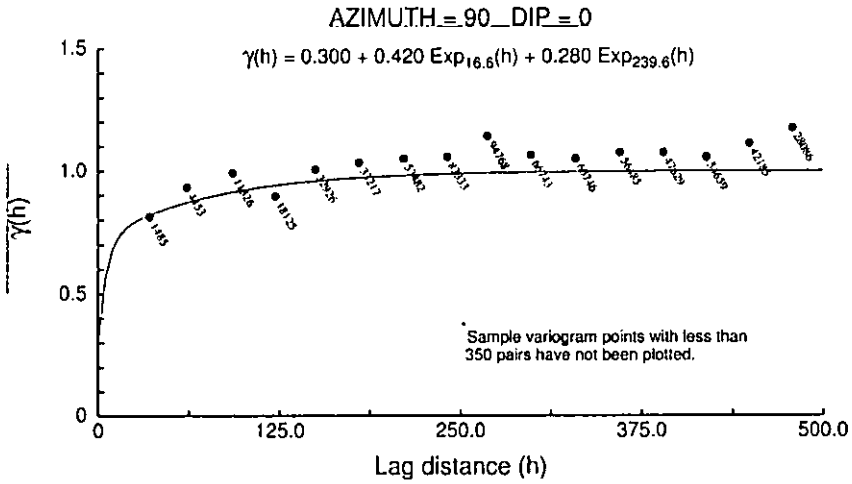
Au MIN


AZIMUTH = 90 DIP = 0
γ(h) = 0.300 + 0.420 Exp16.6(h) + 0.280 Exp239.6(h)
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0
0
125.0
250.0
375.0
500.0
Lag distance (h)
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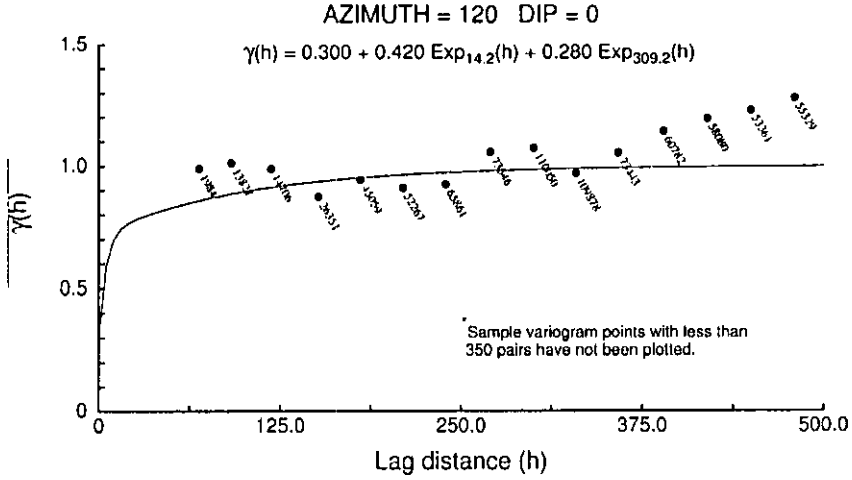
AZIMUTH = 120 DIP = 0
γ(h) = 0.300 + 0.420 Exp14.2(h) + 0.280 Exp309.2(h)
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0
0
125.0
250.0
375.0
500.0
Lag distance (h)
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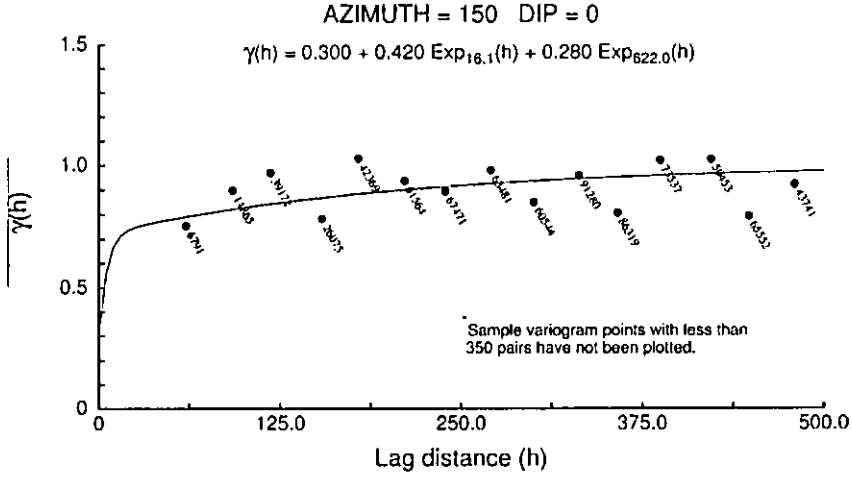
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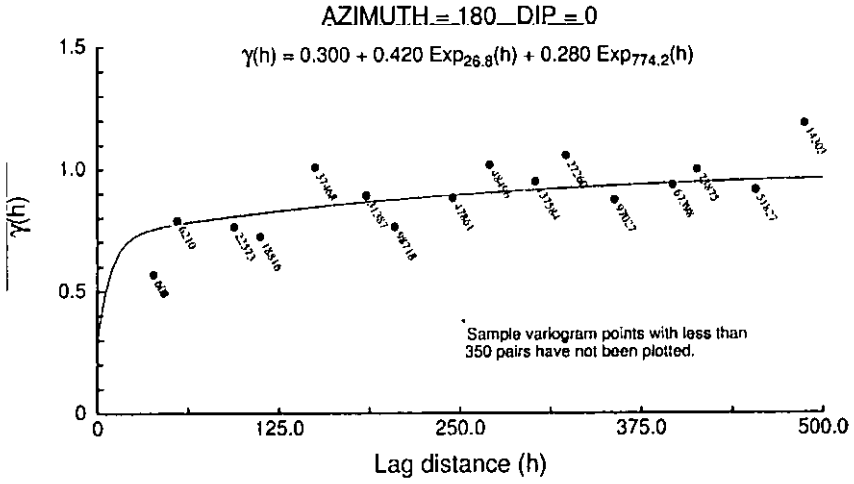
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au MIN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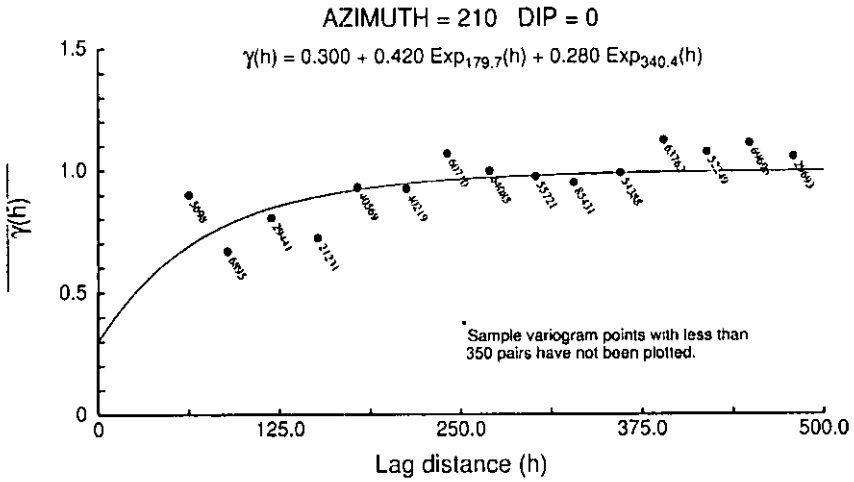
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 210 DIP = 0
γ(h) = 0.300 + 0.420 Exp179.7(h) + 0.280 Exp340.4(h)
γ(h)
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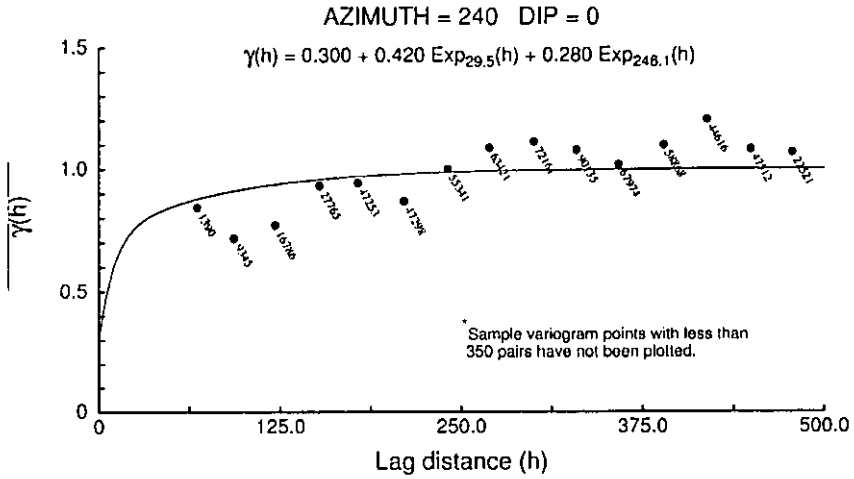
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 240 DIP = 0
γ(h) = 0.300 + 0.420 Exp29.5(h) + 0.280 Exp246.1(h)
γ(h)
1.5
1.0
0.5
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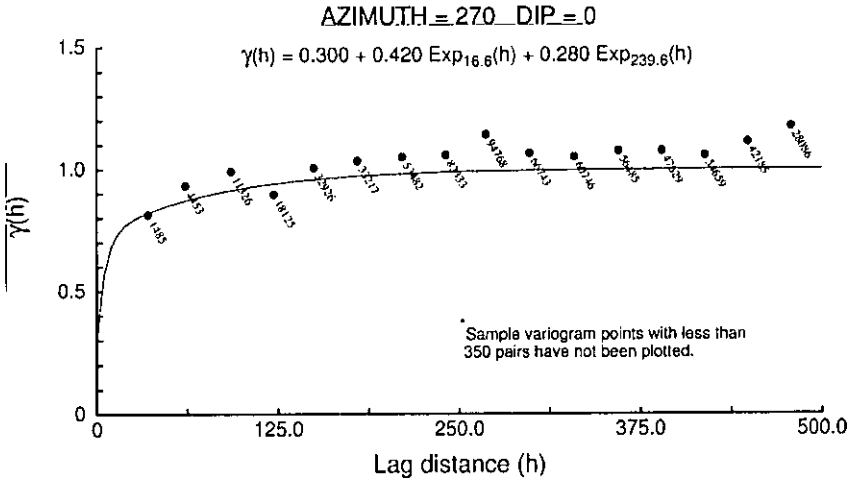
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au MIN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γ(h) = 0.300 + 0.420 Exp16.6(h) + 0.280 Exp239.6(h)
γ(h)
1.5
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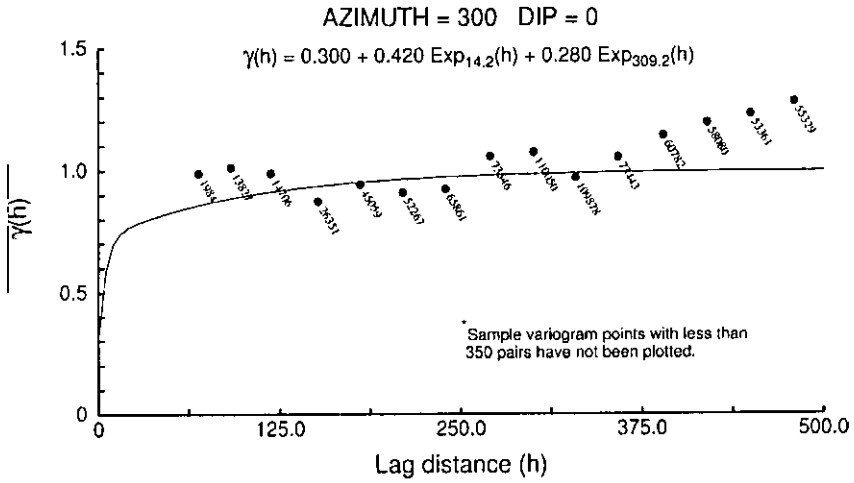
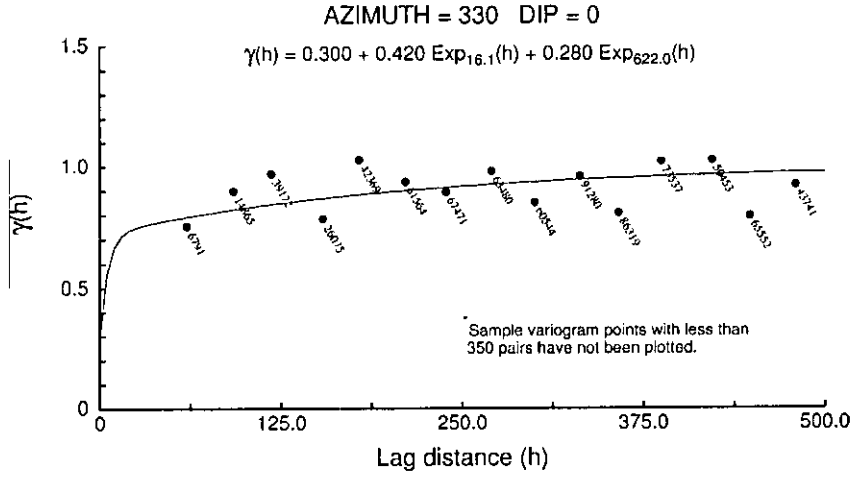
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 300 DIP = 0
γ(h) = 0.300 + 0.420 Exp14.2(h) + 0.280 Exp309.2(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 330 DIP = 0
γ(h) = 0.300 + 0.420 Exp16.1(h) + 0.280 Exp622.0(h)
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1.0
0.5
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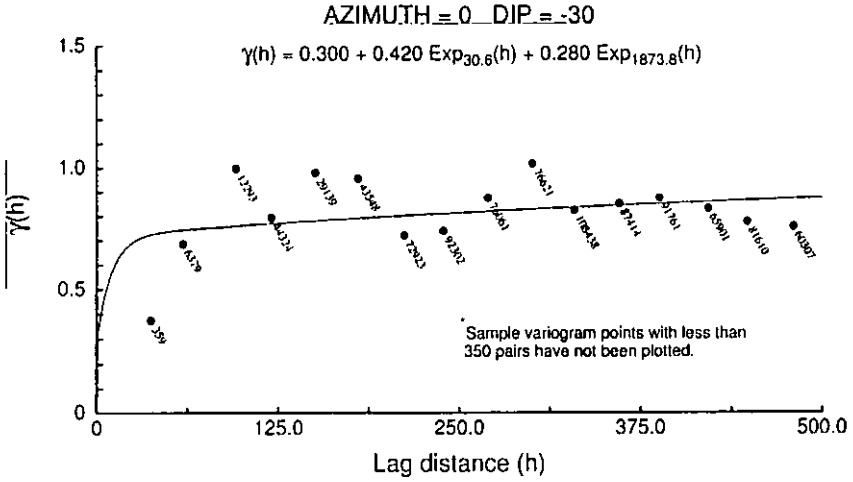
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au MIN


AZIMUTH = 0 DIP = -30
γ(h) = 0.300 + 0.420 Exp30.6(h) + 0.280 Exp1873.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
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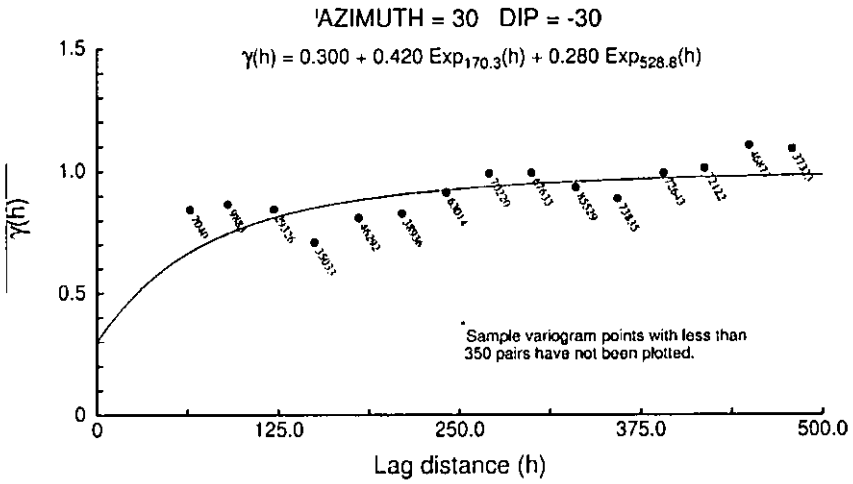
AZIMUTH = 30 DIP = -30
γ(h) = 0.300 + 0.420 Exp170.3(h) + 0.280 Exp528.8(h)
γ(h)
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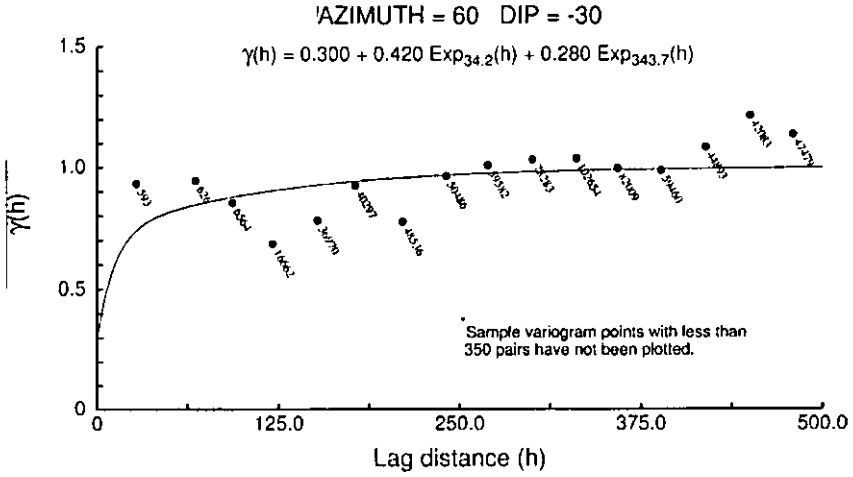
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.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γ(h) = 0.300 + 0.420 Exp34.2(h) + 0.280 Exp343.7(h)
γ(h)
1.5
1.0
0.5
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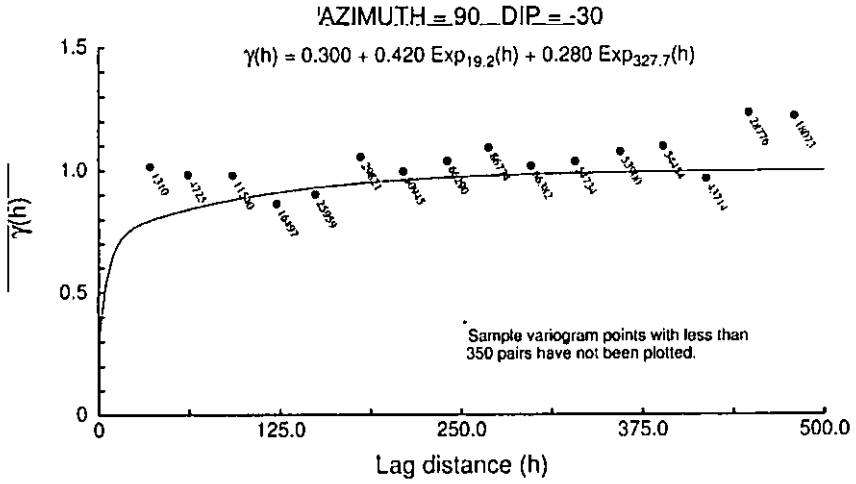
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au MIN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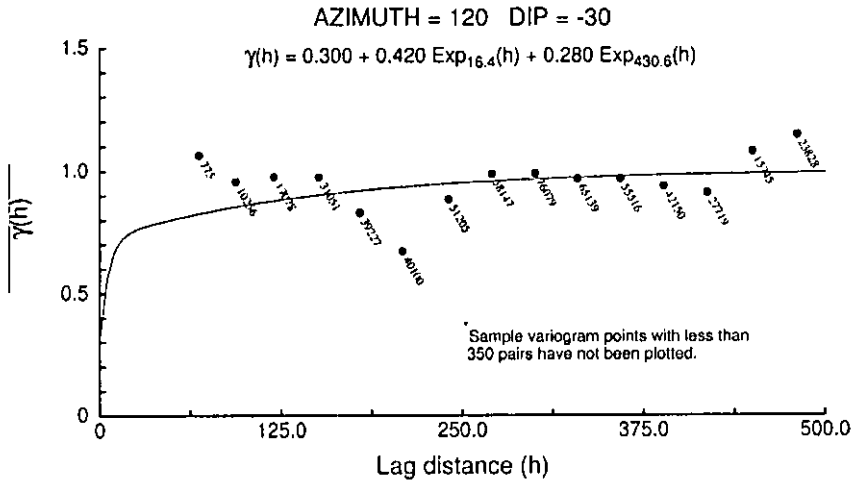
AZIMUTH = 120 DIP = -30
γ(h) = 0.300 + 0.420 Exp16.4(h) + 0.280 Exp430.6(h)
γ(h)
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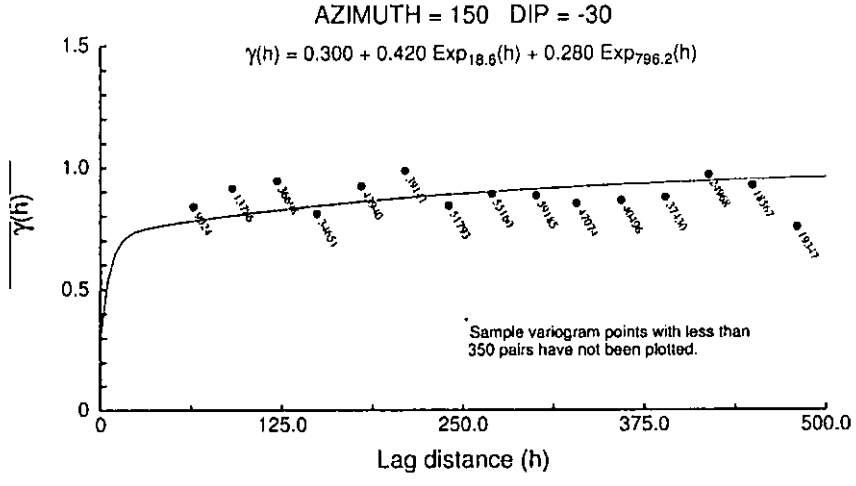
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 150 DIP = -30
γ(h) = 0.300 + 0.420 Exp18.6(h) + 0.280 Exp796.2(h)
γ(h)
1.5
1.0
0.5
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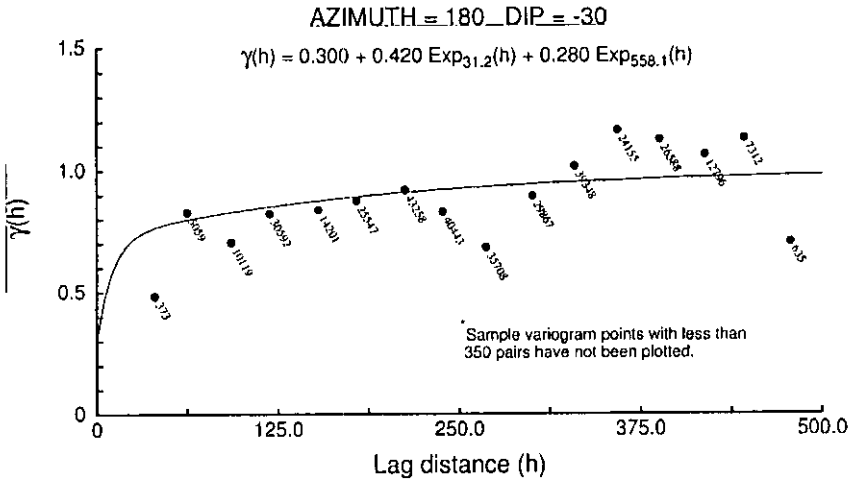
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au MIN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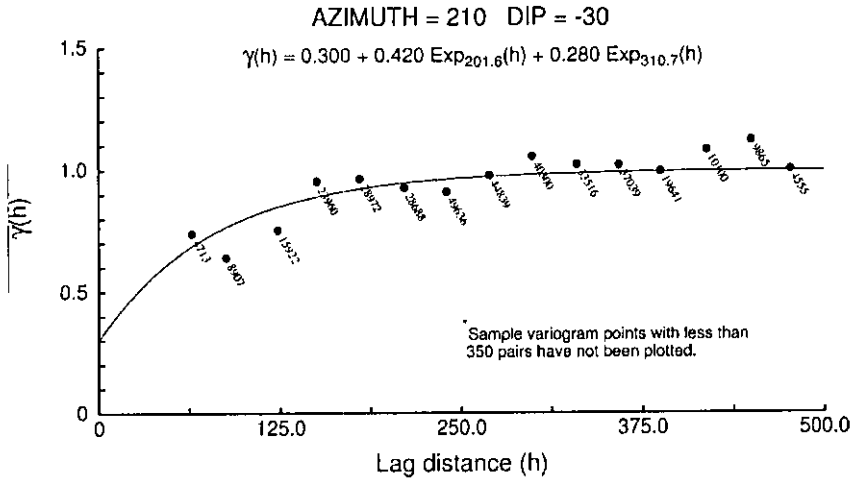
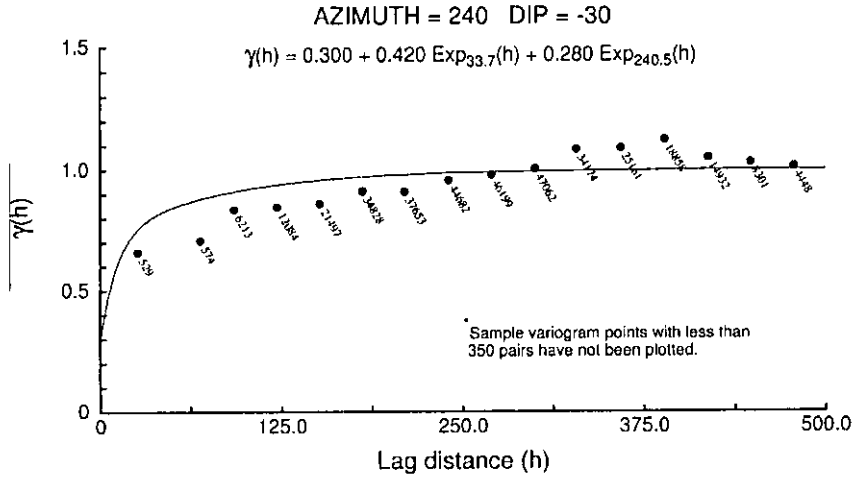
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 210 DIP = -30
γ(h) = 0.300 + 0.420 Exp201.6(h) + 0.280 Exp310.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.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125.0
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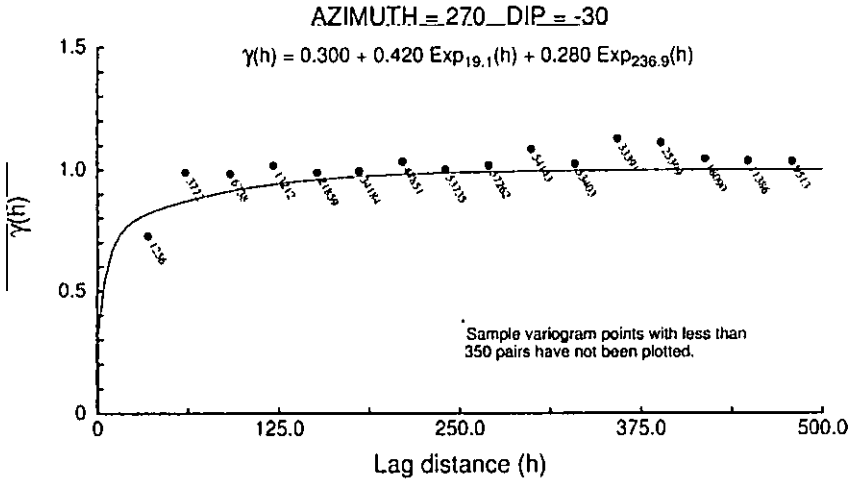
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au MIN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0
125.0
250.0
375.0
500.0
Lag distance (h)
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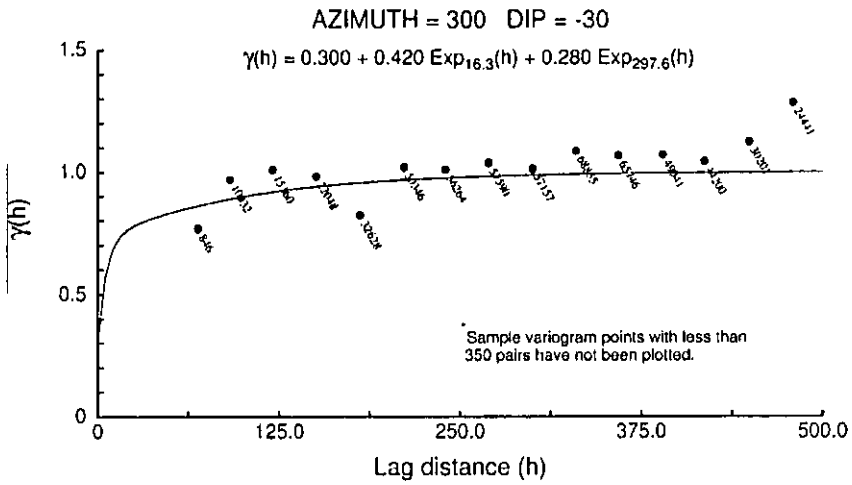
AZIMUTH = 300 DIP = -30
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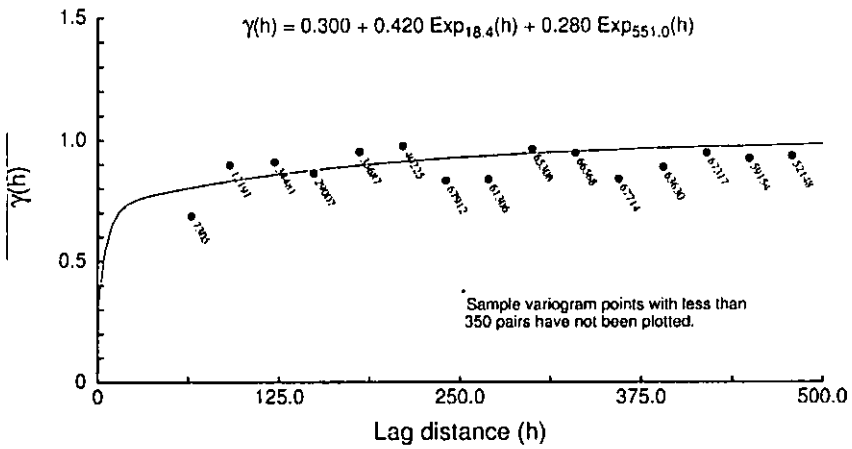
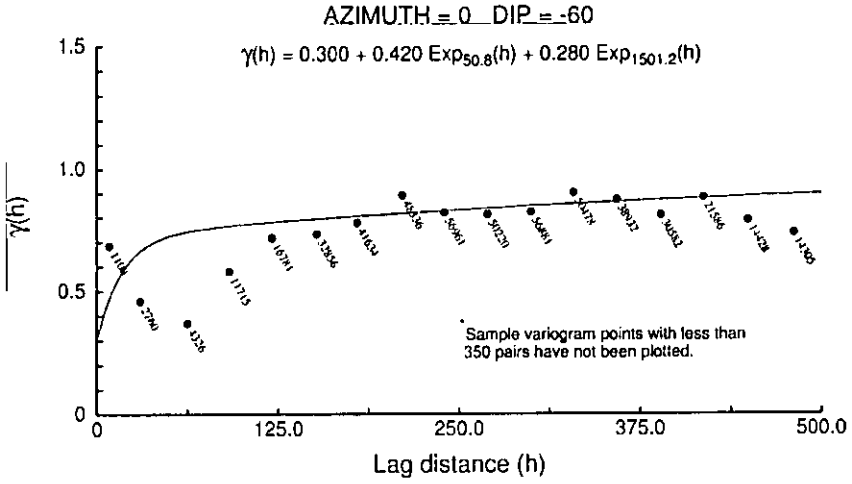
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 330 DIP = -30
γ(h) = 0.300 + 0.420 Exp18.4(h) + 0.280 Exp551.0(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au MIN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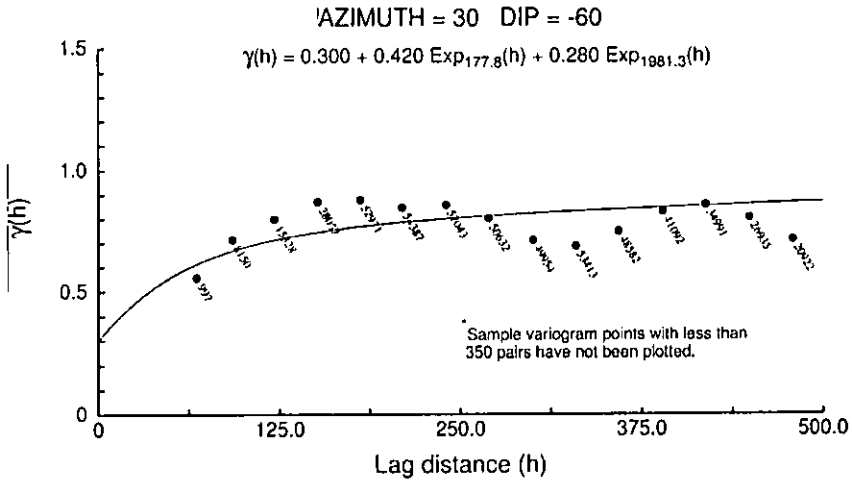
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.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γ(h) = 0.300 + 0.420 Exp177.8(h) + 0.280 Exp1981.3(h)
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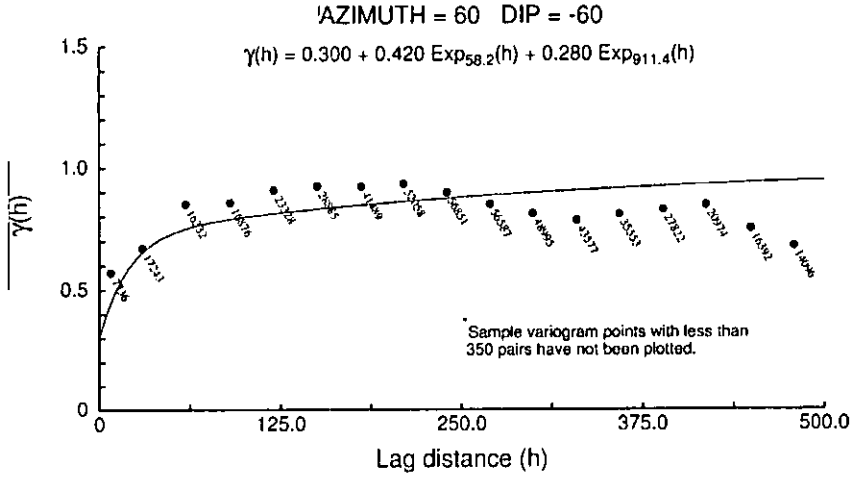
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.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γ(h) = 0.300 + 0.420 Exp58.2(h) + 0.280 Exp911.4(h)
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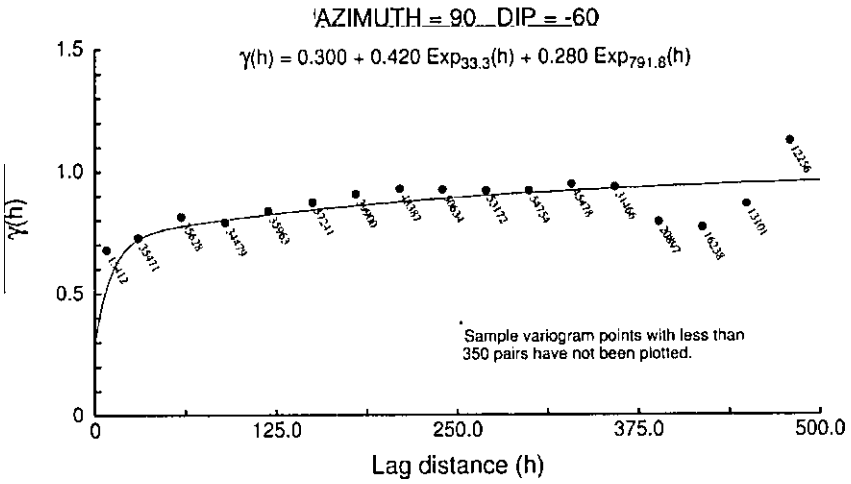
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au MIN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γ(h) = 0.300 + 0.420 Exp33.3(h) + 0.280 Exp791.8(h)
γ(h)
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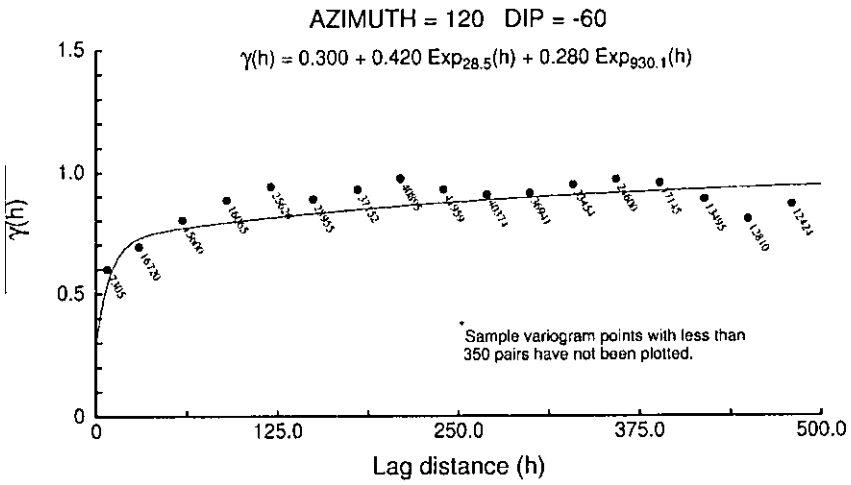
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.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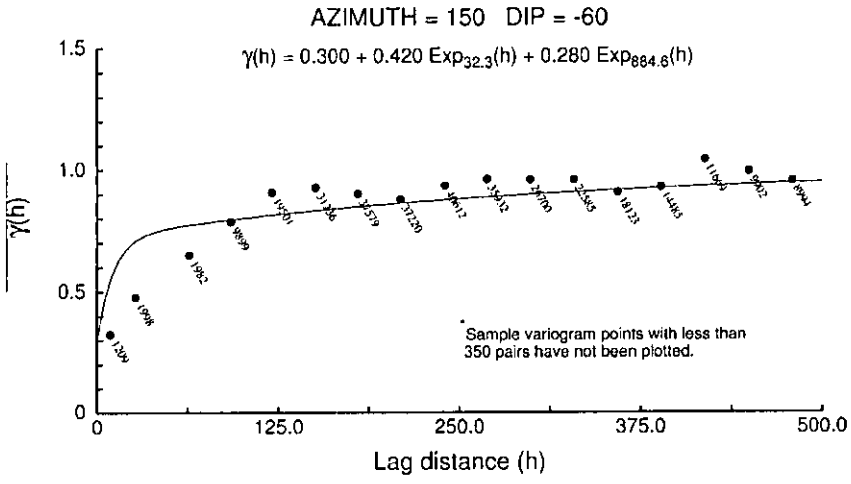
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.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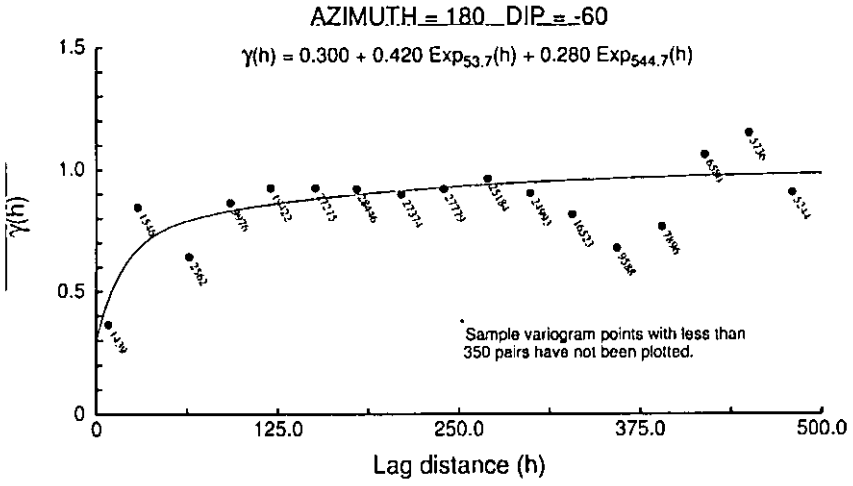
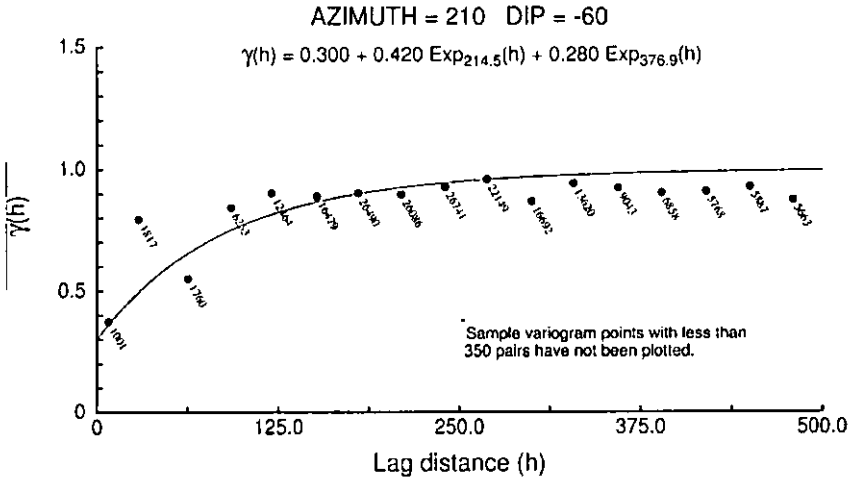
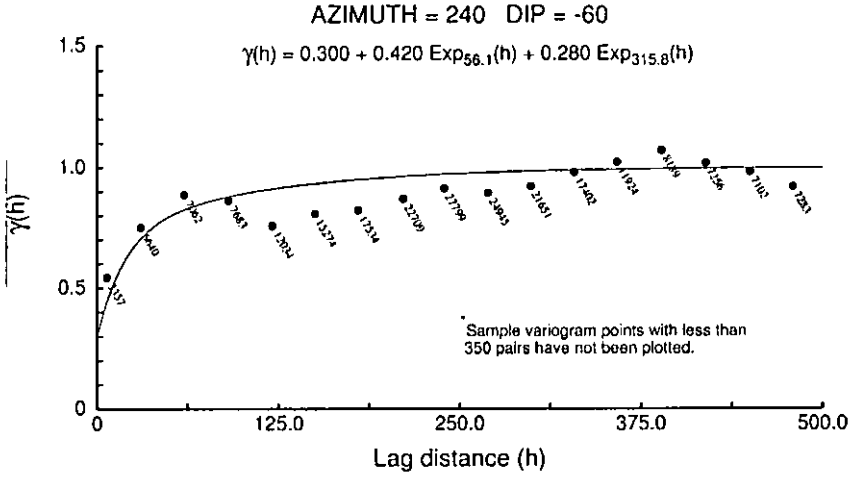
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

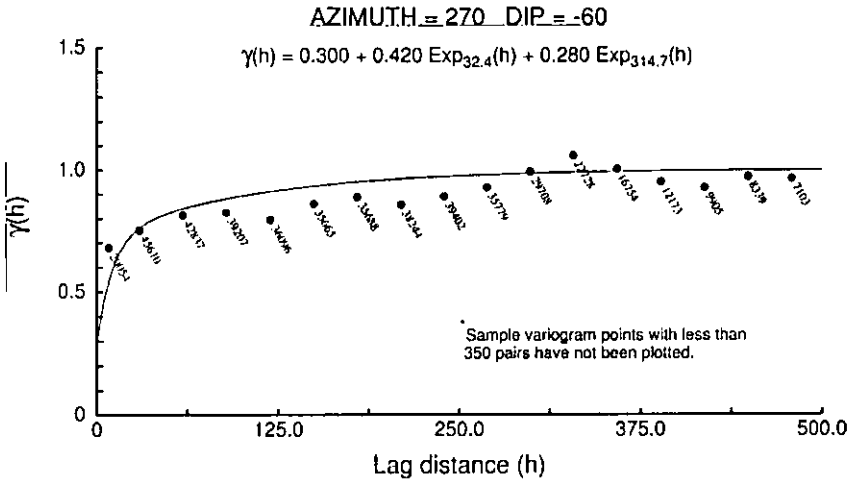
Au MIN

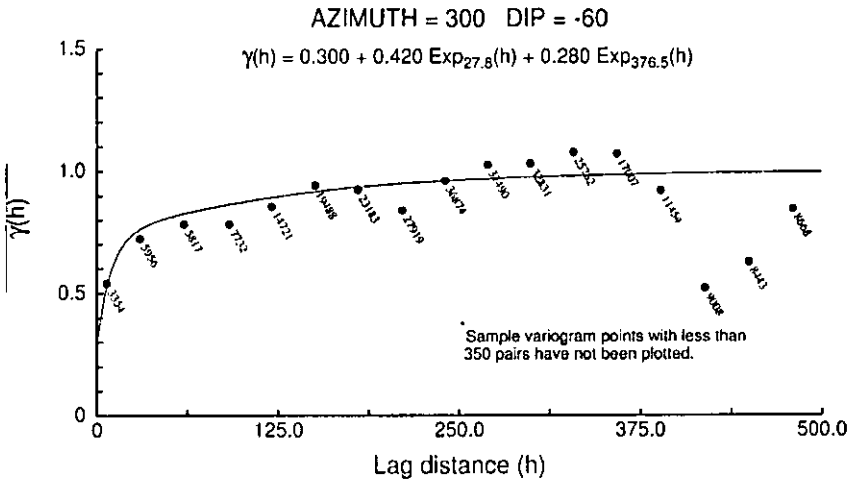

AZIMUTH = 180 DIP = -60
γ(h) = 0.300 + 0.420 Exp53.7(h) + 0.280 Exp544.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

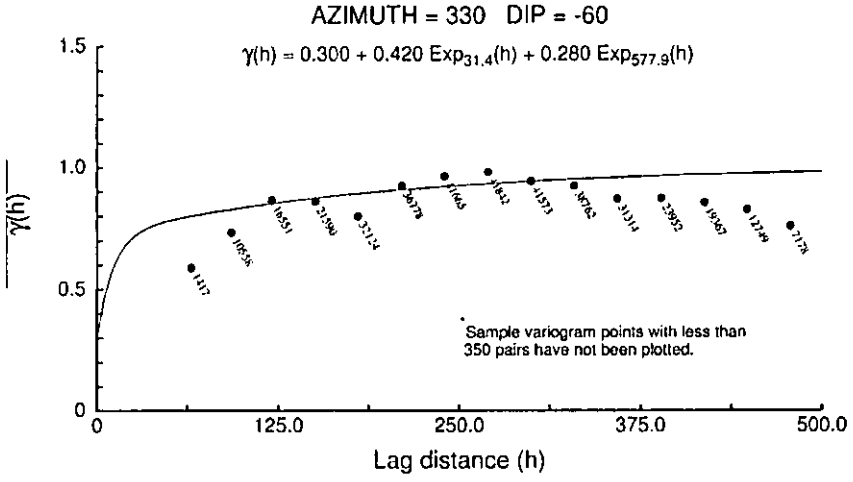

AZIMUTH = 210 DIP = -60
γ(h) = 0.300 + 0.420 Exp214.5(h) + 0.280 Exp376.9(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 240 DIP = -60
γ(h) = 0.300 + 0.420 Exp56.1(h) + 0.280 Exp315.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

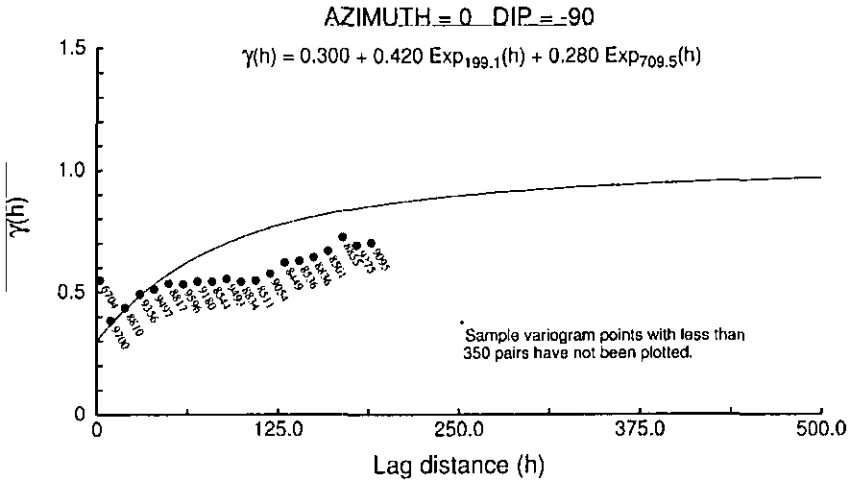
Au MIN


AZIMUTH = 270 DIP = -60
γ(h) = 0.300 + 0.420 Exp32.4(h) + 0.280 Exp314.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

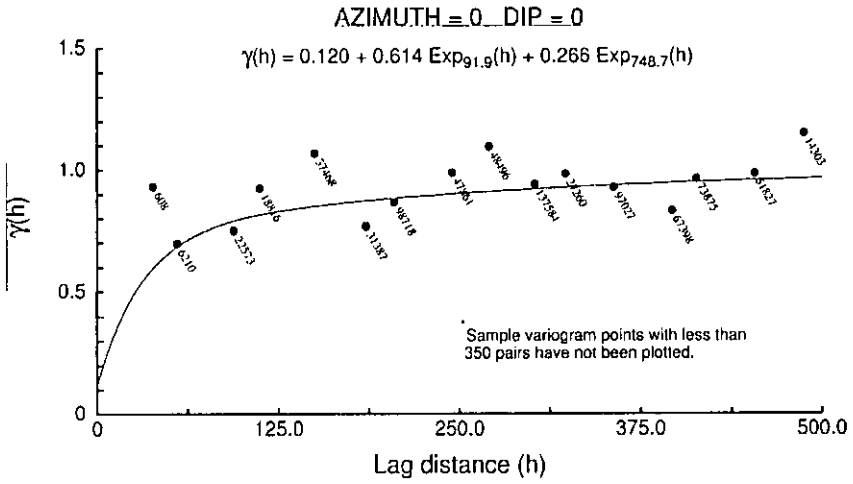

AZIMUTH = 300 DIP = -60
γ(h) = 0.300 + 0.420 Exp27.8(h) + 0.280 Exp376.5(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

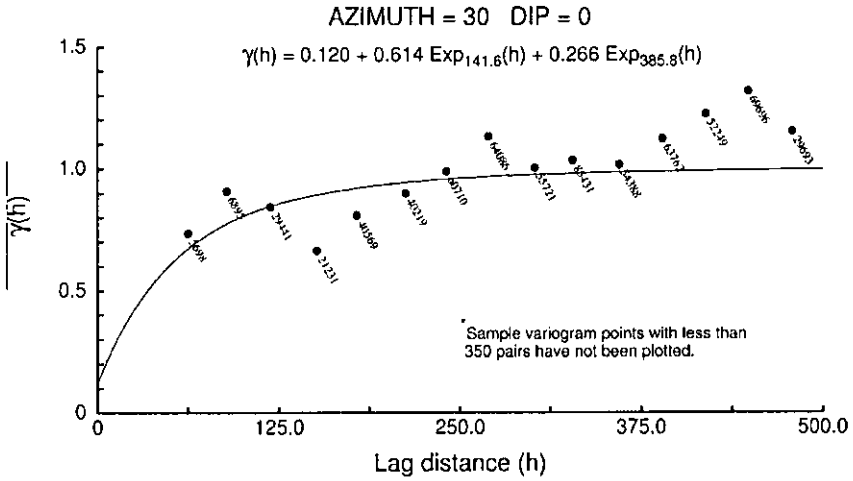

AZIMUTH = 330 DIP = -60
γ(h) = 0.300 + 0.420 Exp31.4(h) + 0.280 Exp577.9(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

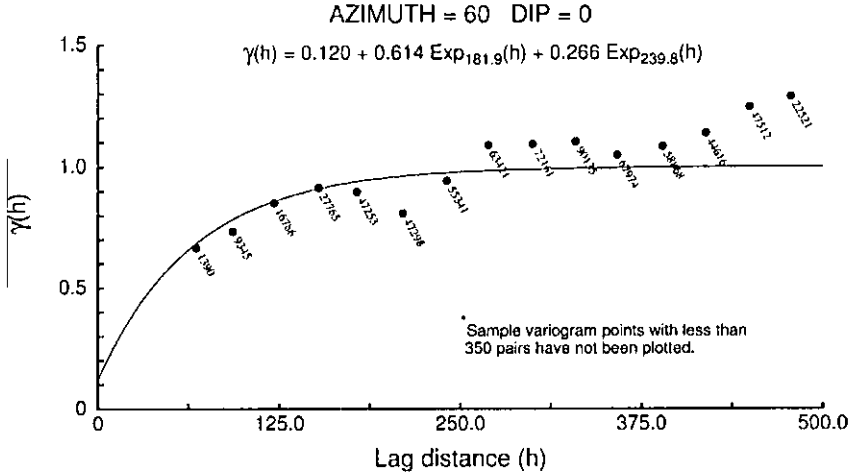
Au MIN


AZIMUTH = 0 DIP = -90
γ(h) = 0.300 + 0.420 Exp199.1(h) + 0.280 Exp709.5(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

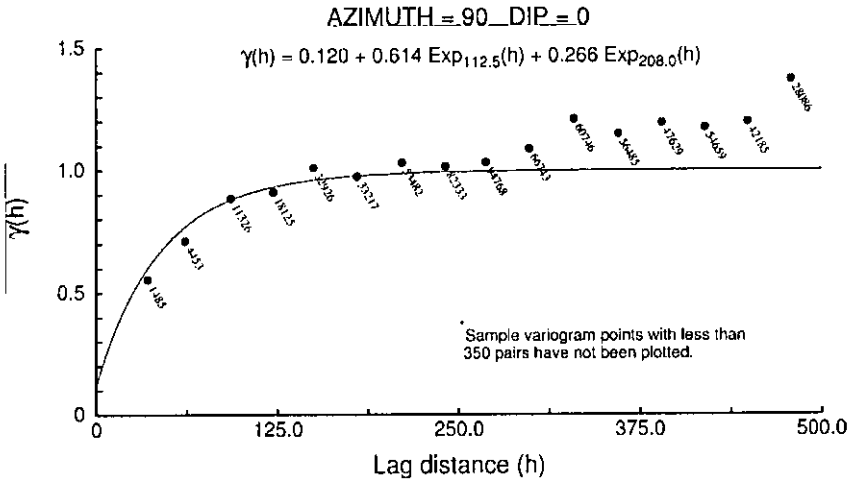
Cu MIN

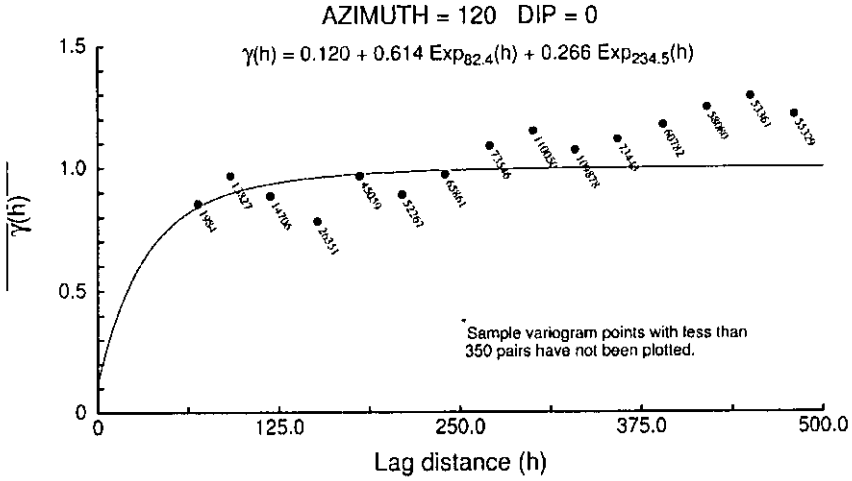

AZIMUTH = 0 DIP = 0
γ(h) = 0.120 + 0.614 Exp91.9(h) + 0.266 Exp748.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

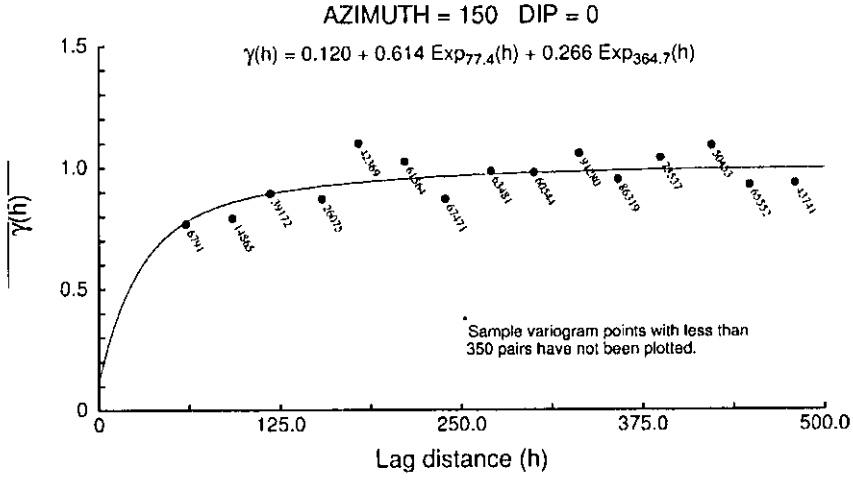

AZIMUTH = 30 DIP = 0
γ(h) = 0.120 + 0.614 Exp141.6(h) + 0.266 Exp385.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.


AZIMUTH = 60 DIP = 0
γ(h) = 0.120 + 0.614 Exp181.9(h) + 0.266 Exp239.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

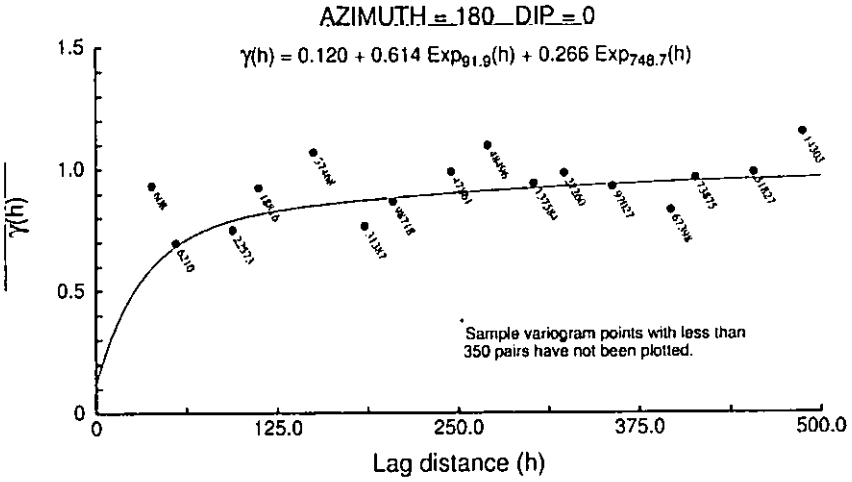
Cu MIN

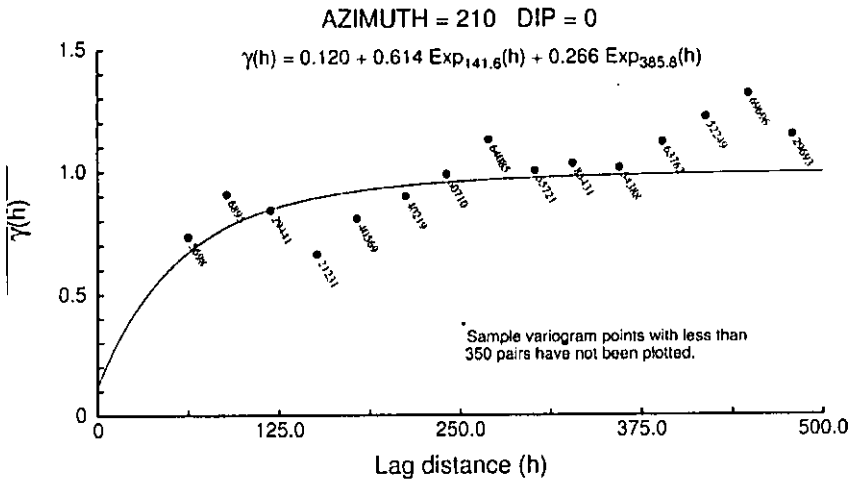

AZIMUTH = 90 DIP = 0
γ(h) = 0.120 + 0.614 Exp112.5(h) + 0.266 Exp208.0(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

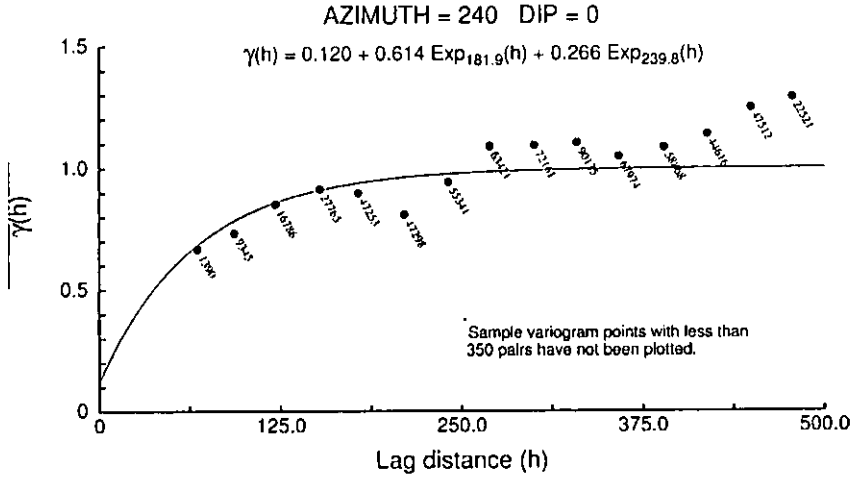

AZIMUTH = 120 DIP = 0
γ(h) = 0.120 + 0.614 Exp82.4(h) + 0.266 Exp234.5(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 150 DIP = 0
γ(h) = 0.120 + 0.614 Exp77.4(h) + 0.266 Exp364.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

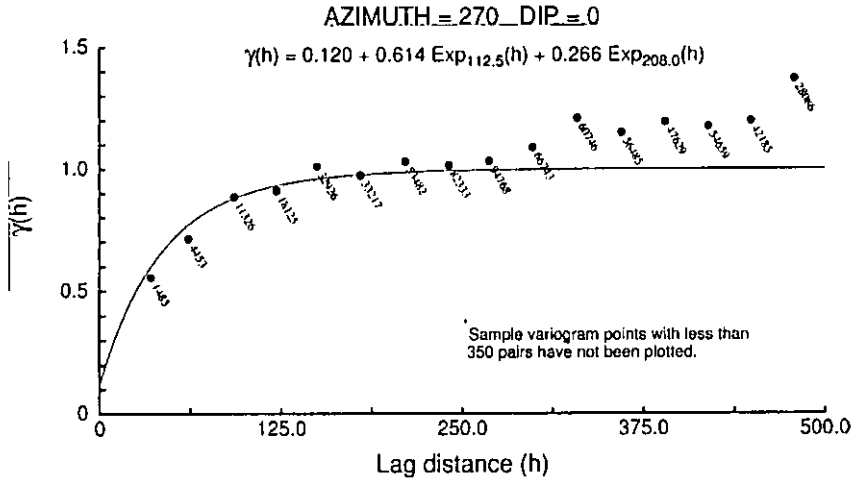
Cu MIN

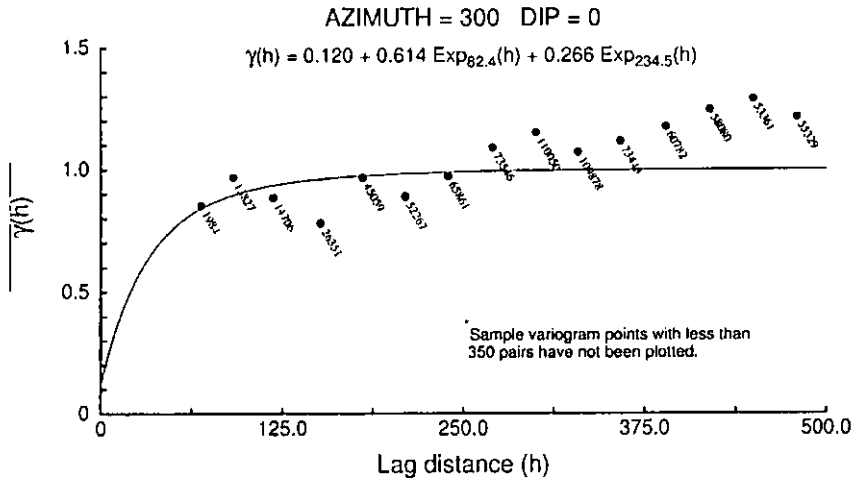

AZIMUTH = 180 DIP = 0
γ(h) = 0.120 + 0.614 Exp91.9(h) + 0.266 Exp748.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

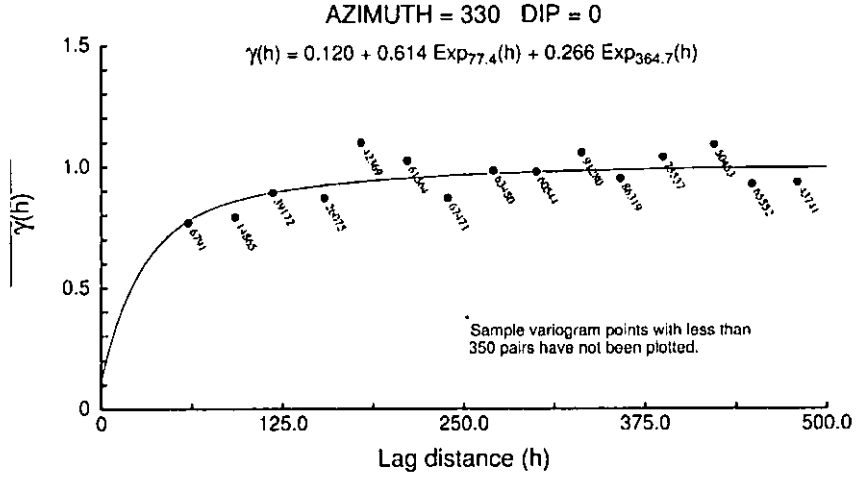

AZIMUTH = 210 DIP = 0
γ(h) = 0.120 + 0.614 Exp141.6(h) + 0.266 Exp385.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.


AZIMUTH = 240 DIP = 0
γ(h) = 0.120 + 0.614 Exp181.9(h) + 0.266 Exp239.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

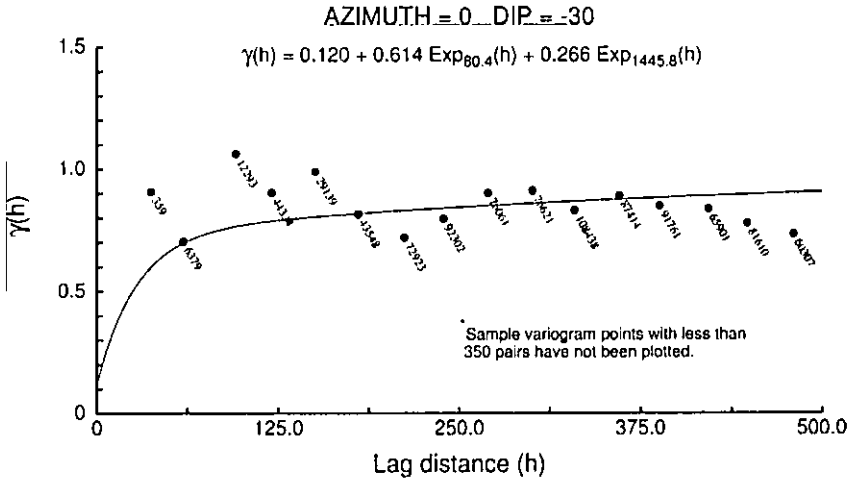
Cu MIN

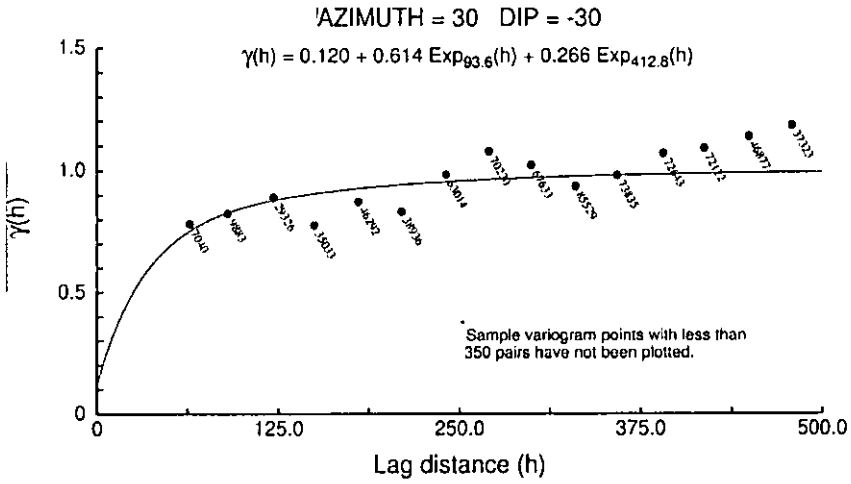

AZIMUTH = 270 DIP = 0
γ(h) = 0.120 + 0.614 Exp112.5(h) + 0.266 Exp208.0(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

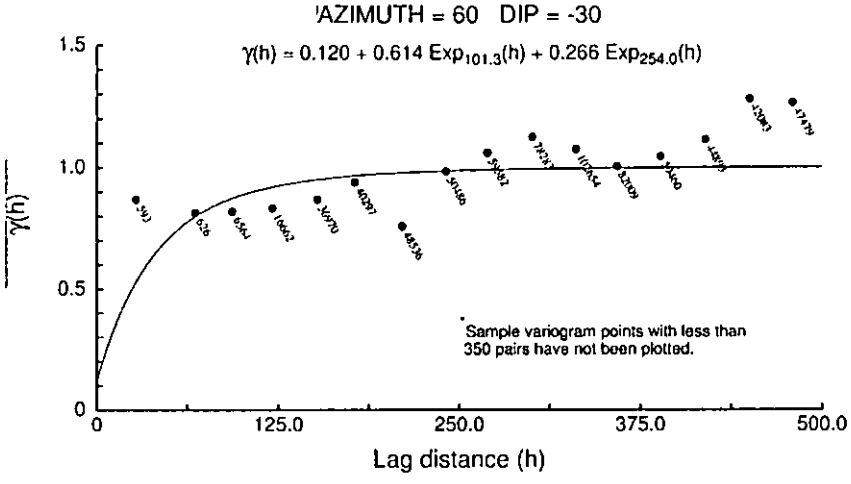

AZIMUTH = 300 DIP = 0
γ(h) = 0.120 + 0.614 Exp62.4(h) + 0.266 Exp234.5(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 330 DIP = 0
γ(h) = 0.120 + 0.614 Exp77.4(h) + 0.266 Exp364.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

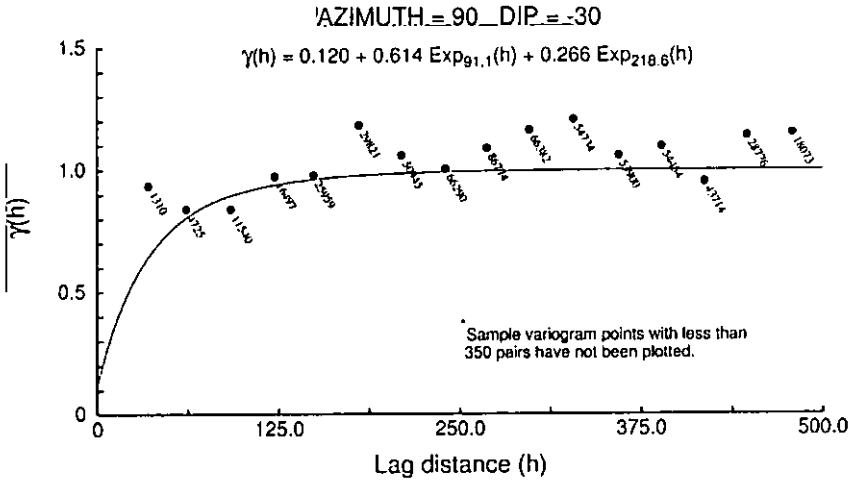
Cu MIN

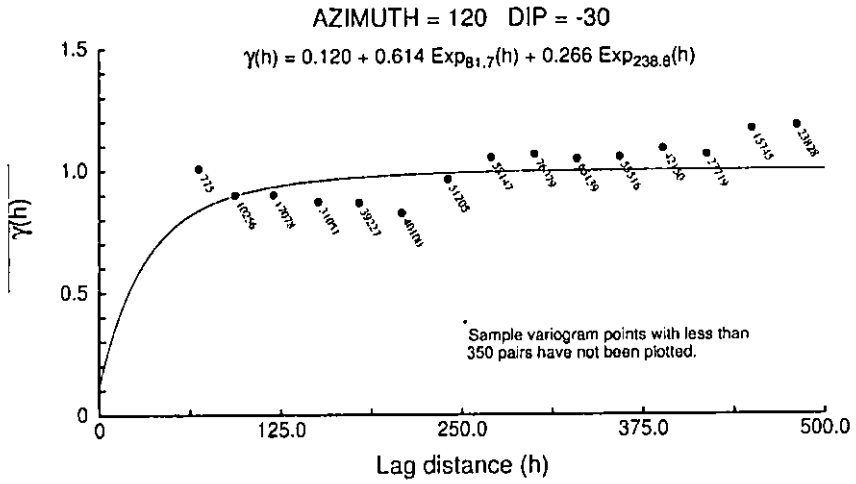

AZIMUTH = 0 DIP = -30
γ(h) = 0.120 + 0.614 Exp80.4(h) + 0.266 Exp1445.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

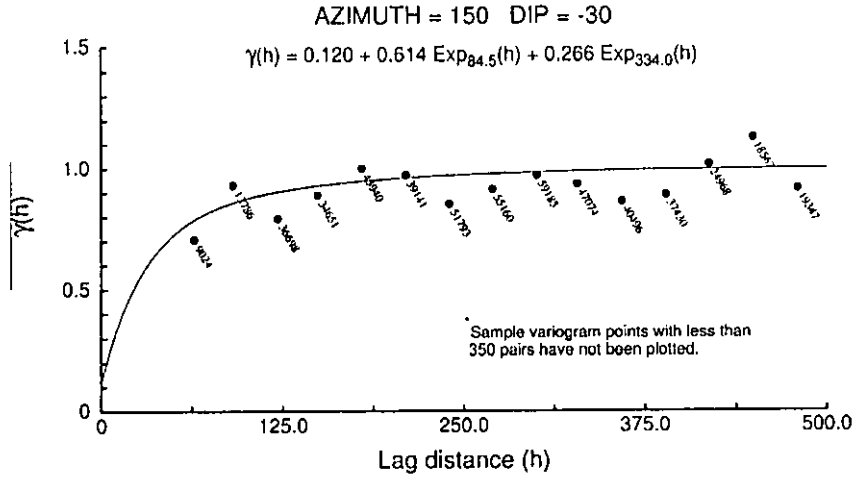

AZIMUTH = 30 DIP = -30
γ(h) = 0.120 + 0.614 Exp93.6(h) + 0.266 Exp412.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 60 DIP = -30
γ(h) = 0.120 + 0.614 Exp101.3(h) + 0.266 Exp254.0(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

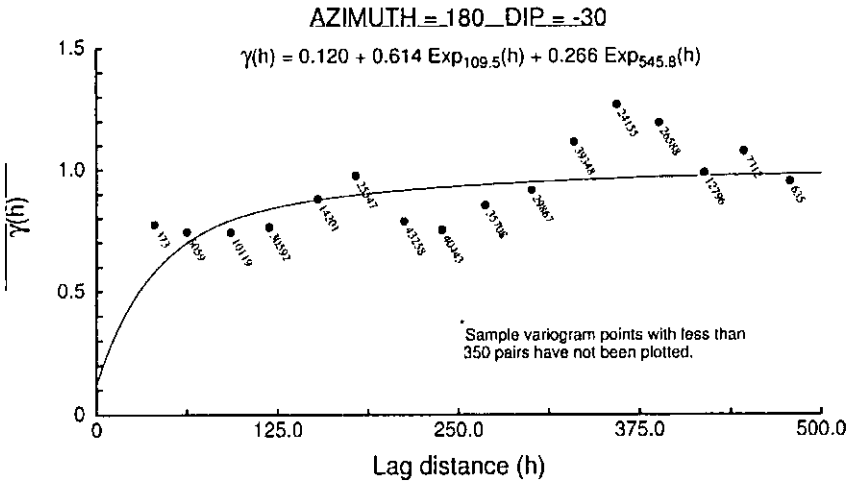
Cu MIN

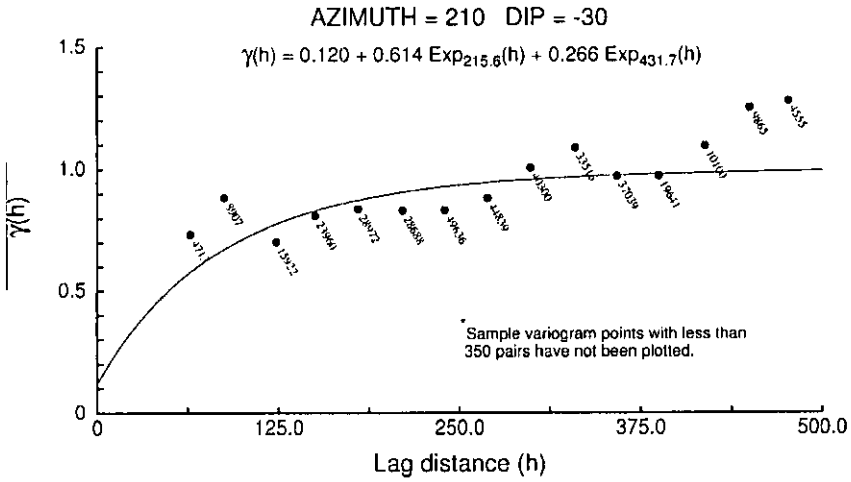

AZIMUTH = 90 DIP = -30
γ(h) = 0.120 + 0.614 Exp91.1(h) + 0.266 Exp218.6(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

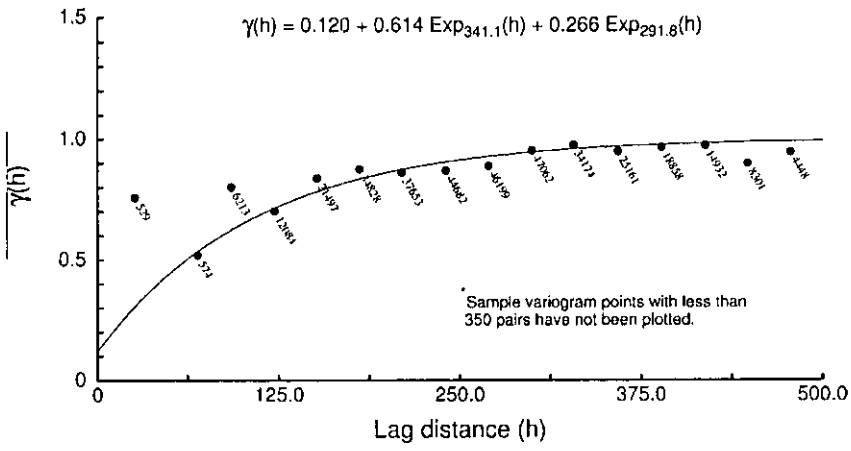

AZIMUTH = 120 DIP = -30
γ(h) = 0.120 + 0.614 Exp81.7(h) + 0.266 Exp238.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 150 DIP = -30
γ(h) = 0.120 + 0.614 Exp84.5(h) + 0.266 Exp334.0(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

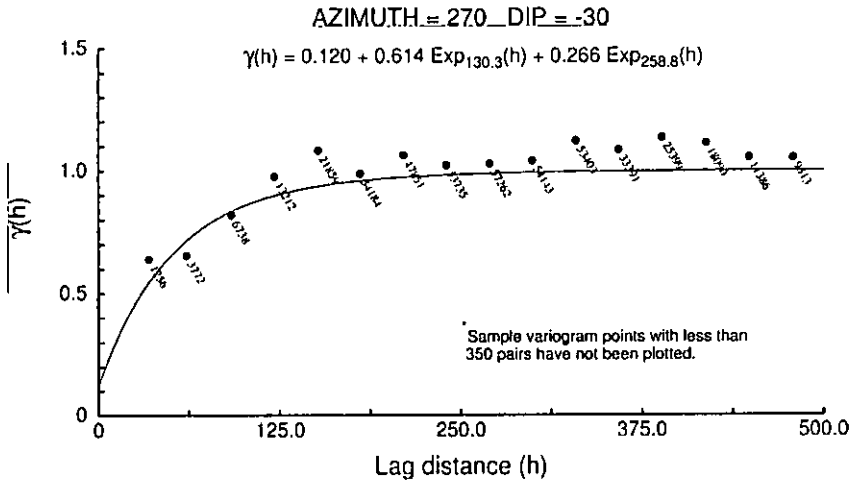
Cu MIN

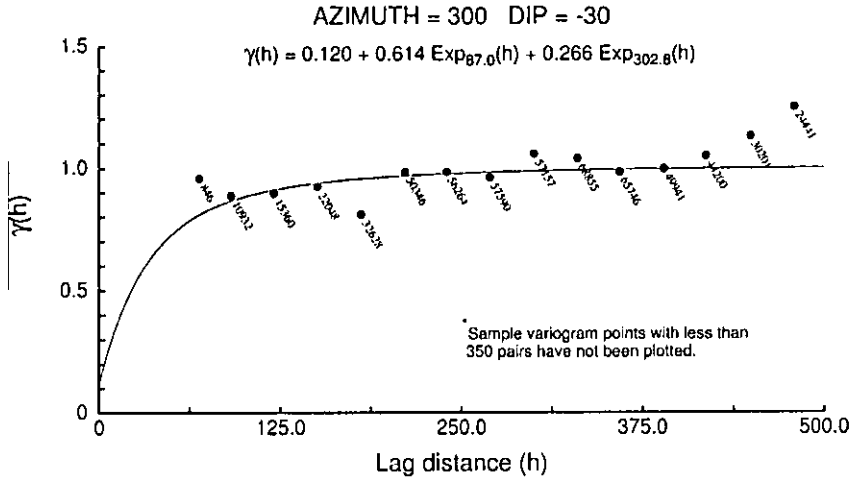

AZIMUTH = 180 DIP = -30
γ(h) = 0.120 + 0.614 Exp109.5(h) + 0.266 Exp545.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

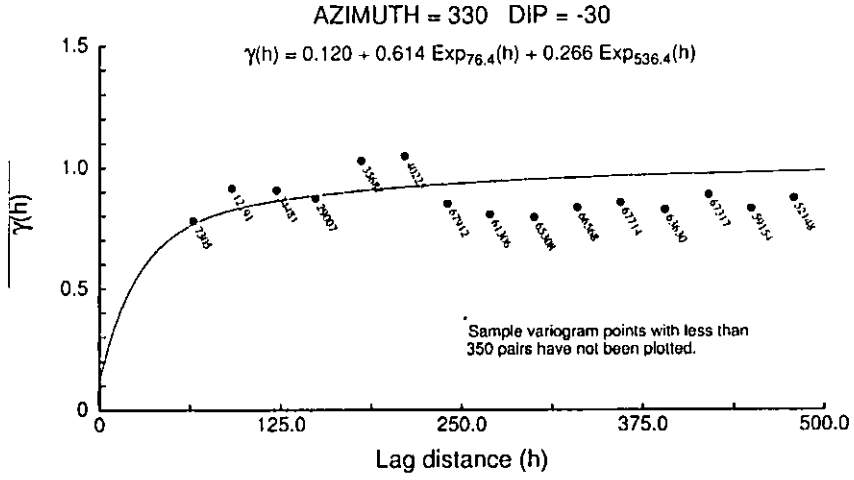

AZIMUTH = 210 DIP = -30
γ(h) = 0.120 + 0.614 Exp215.6(h) + 0.266 Exp431.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 240 DIP = -30
γ(h) = 0.120 + 0.614 Exp341.1(h) + 0.266 Exp291.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

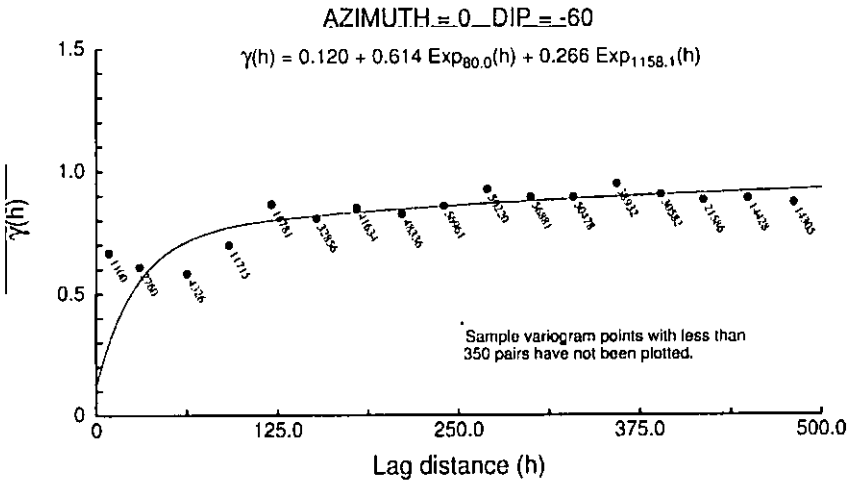
Cu MIN

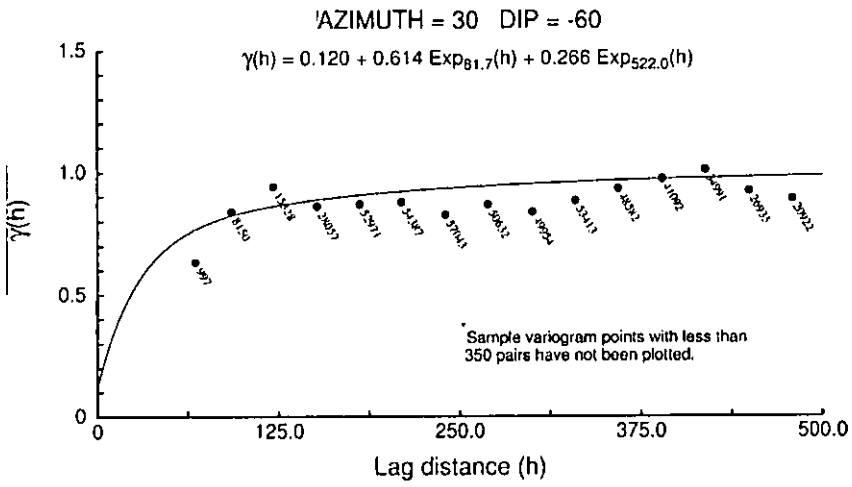

AZIMUTH = 270 DIP = -30
γ(h) = 0.120 + 0.614 Exp130.3(h) + 0.266 Exp258.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

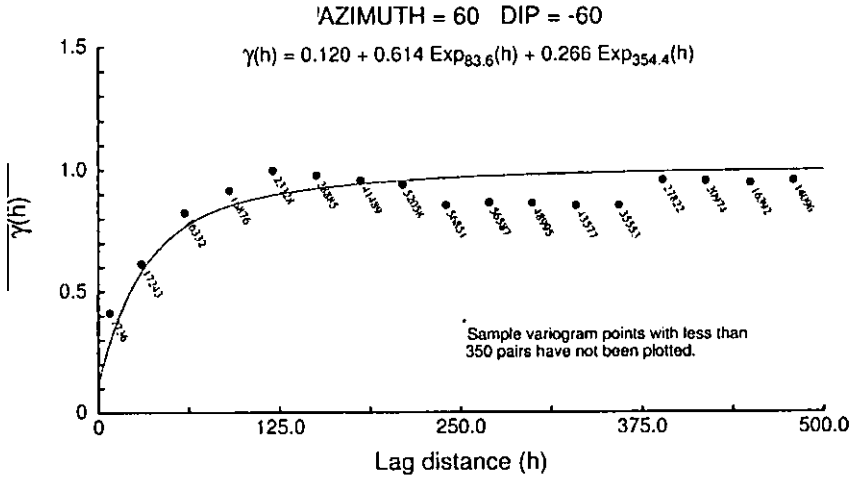

AZIMUTH = 300 DIP = -30
γ(h) = 0.120 + 0.614 Exp87.0(h) + 0.266 Exp302.8(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.


AZIMUTH = 330 DIP = -30
γ(h) = 0.120 + 0.614 Exp76.4(h) + 0.266 Exp536.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

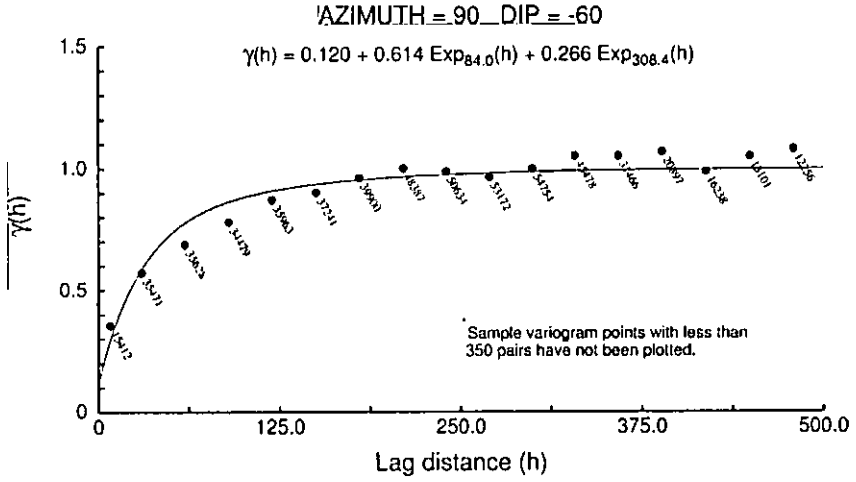
Cu MIN

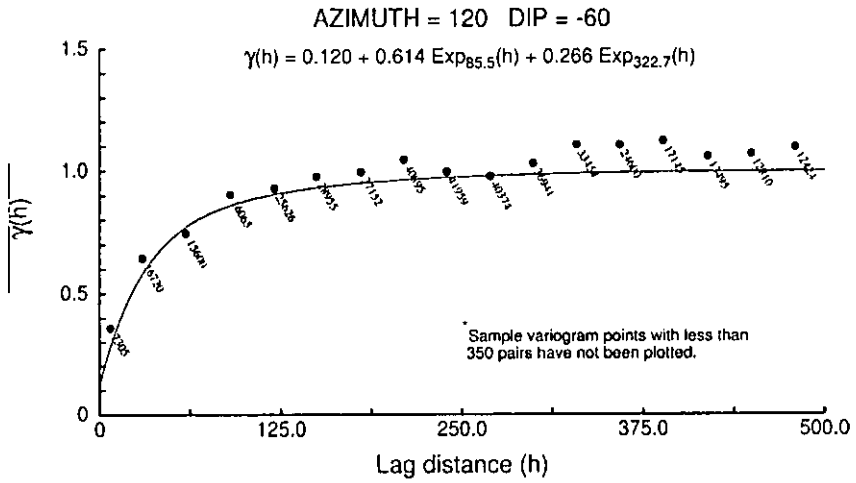

AZIMUTH = 0 DIP = -60
γ(h) = 0.120 + 0.614 Exp80.0(h) + 0.266 Exp1158.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

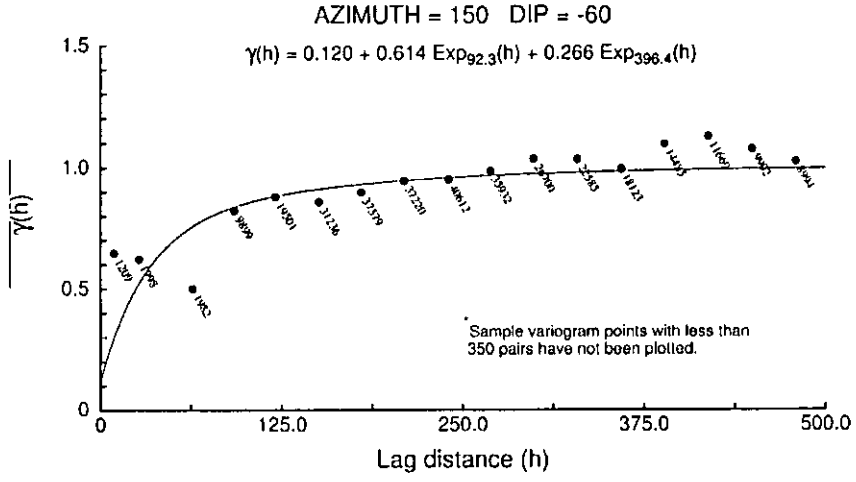

AZIMUTH = 30 DIP = -60
γ(h) = 0.120 + 0.614 Exp81.7(h) + 0.266 Exp522.0(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.


AZIMUTH = 60 DIP = -60
γ(h) = 0.120 + 0.614 Exp83.6(h) + 0.266 Exp354.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

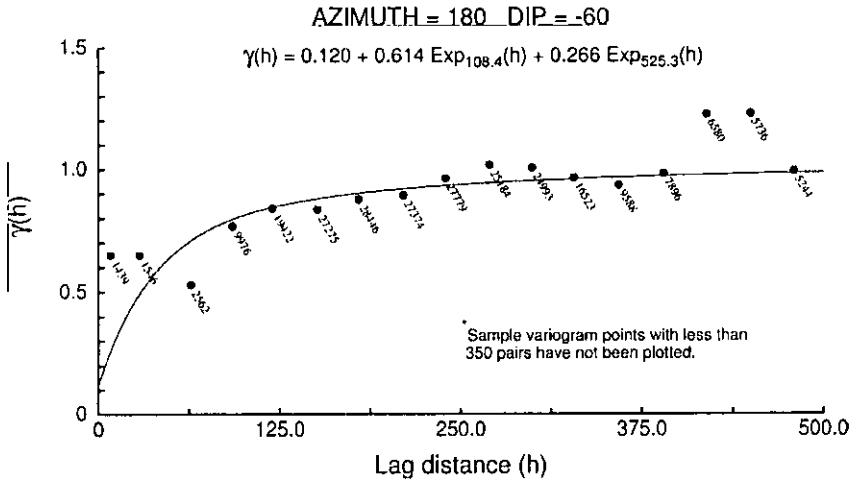
Cu MIN

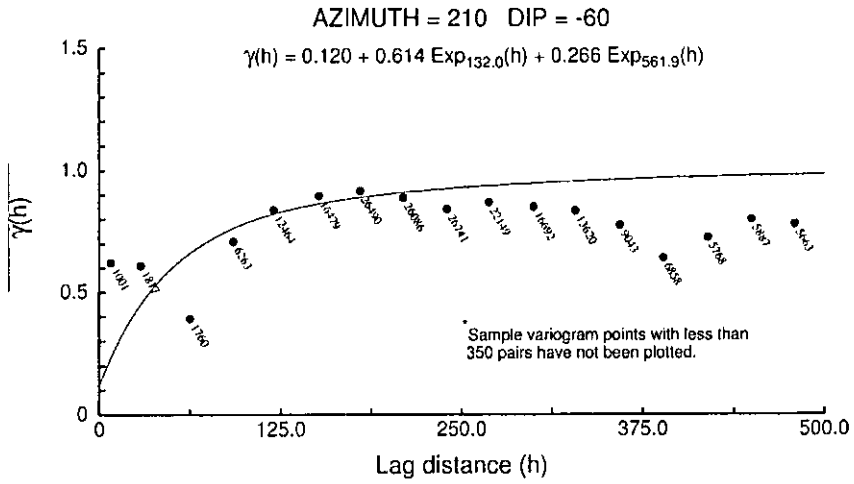

AZIMUTH = 90 DIP = -60
γ(h) = 0.120 + 0.614 Exp84.0(h) + 0.266 Exp308.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

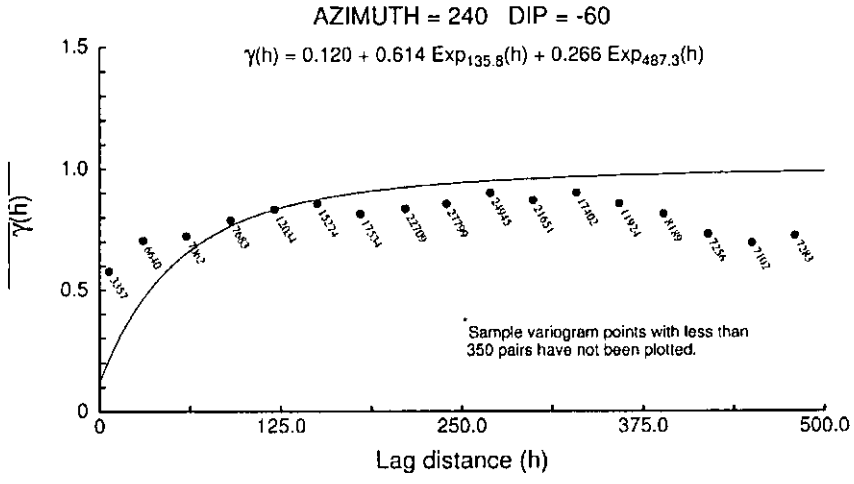

AZIMUTH = 120 DIP = -60
γ(h) = 0.120 + 0.614 Exp85.5(h) + 0.266 Exp322.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 150 DIP = -60
γ(h) = 0.120 + 0.614 Exp92.3(h) + 0.266 Exp396.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

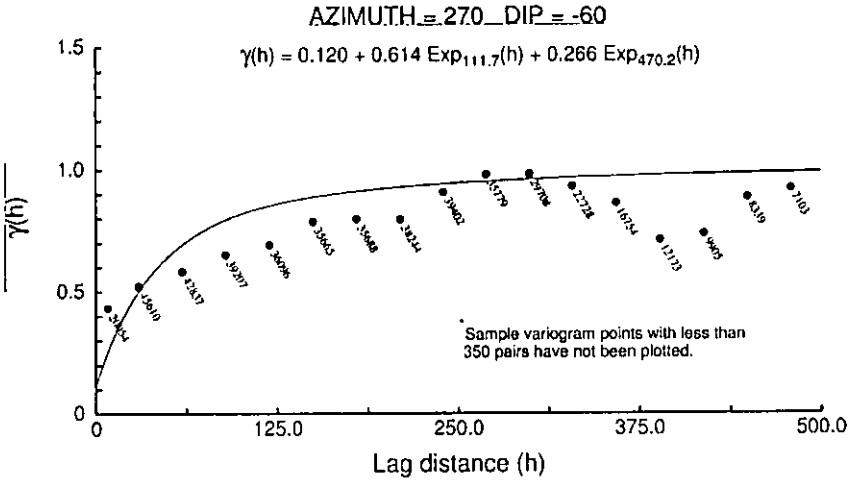
Cu MIN

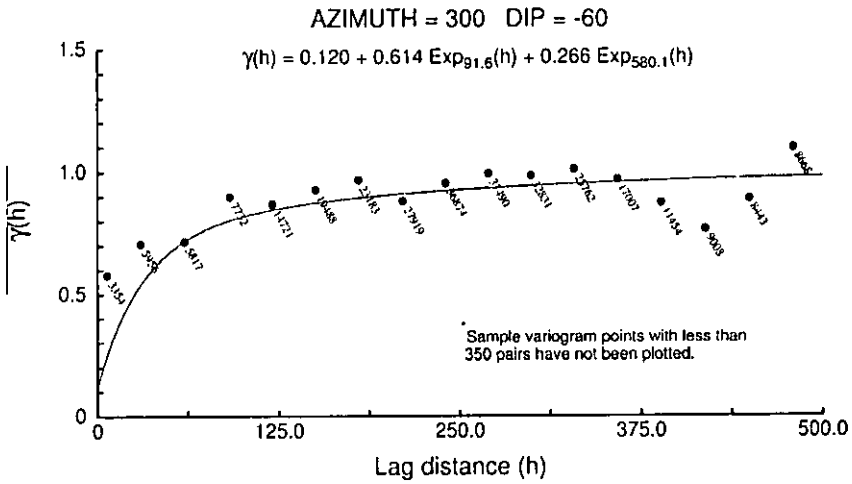

AZIMUTH = 180 DIP = -60
γ(h) = 0.120 + 0.614 Exp108.4(h) + 0.266 Exp525.3(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

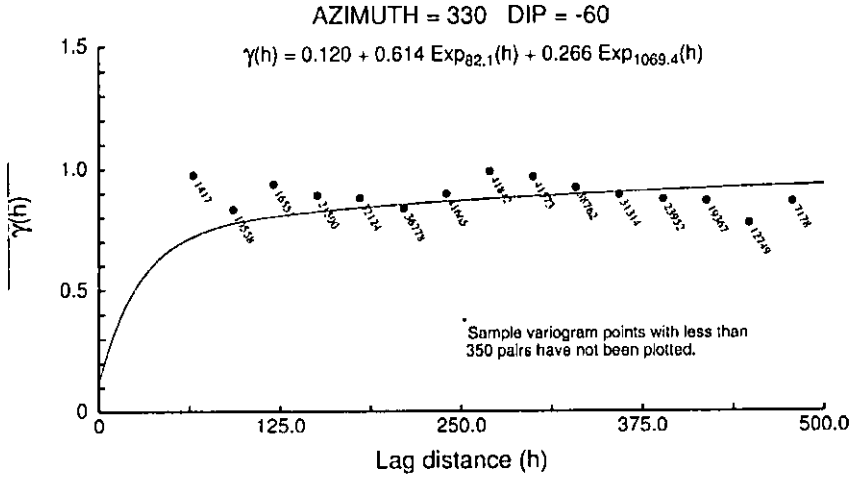

AZIMUTH = 210 DIP = -60
γ(h) = 0.120 + 0.614 Exp132.0(h) + 0.266 Exp561.9(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 240 DIP = -60
γ(h) = 0.120 + 0.614 Exp135.8(h) + 0.266 Exp487.3(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

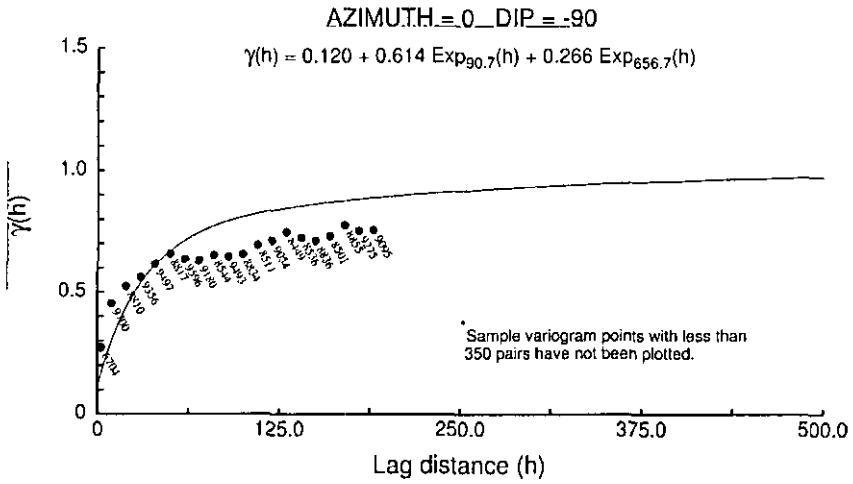
Cu MIN


AZIMUTH = 270 DIP = -60
γ(h) = 0.120 + 0.614 Exp111.7(h) + 0.266 Exp470.2(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 300 DIP = -60
γ(h) = 0.120 + 0.614 Exp91.6(h) + 0.266 Exp580.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 330 DIP = -60
γ(h) = 0.120 + 0.614 Exp82.1(h) + 0.266 Exp1069.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Cu MIN


AZIMUTH = 0 DIP = -90
γ(h) = 0.120 + 0.614 Exp90.7(h) + 0.266 Exp656.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

Au MIN

GSLIB Rotation Conventions

Nugget ==> 0.300
C1 ==> 0.420
C2 ==> 0.280

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> -58
RH Rotation about the X' axis ==> -0
RH Rotation about the Y' axis ==> 39
Range along the Z' axis ==> 217.9 Azimuth ==> 31 Dip ==> 51
Range along the Y' axis ==> 14.8 Azimuth ==> 302 Dip ==> -0
Range along the X' axis ==> 166.8 Azimuth ==> 32 Dip ==> -39

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> -24
RH Rotation about the X' axis ==> 33
RH Rotation about the Y' axis ==> -20
Range along the Z axis ==> 4361.2 Azimuth ==> 189 Dip ==> 52
Range along the X' axis ==> 227.7 Azimuth ==> 77 Dip ==> 16
Range along the Y' axis ==> 801.8 Azimuth ==> 336 Dip ==> 33

Modeling Criteria

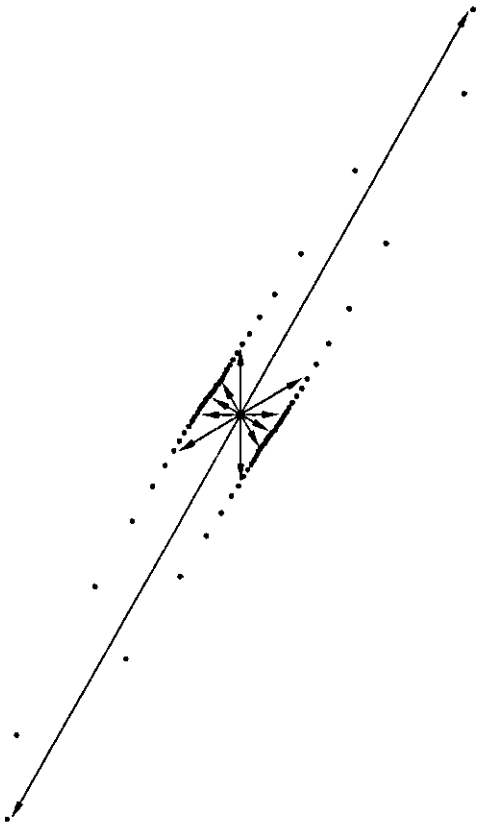
Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Au MIN

Structure Number 1

Rose Diagram of Ranges Dipping 0 Degrees
Scale:

200 Units

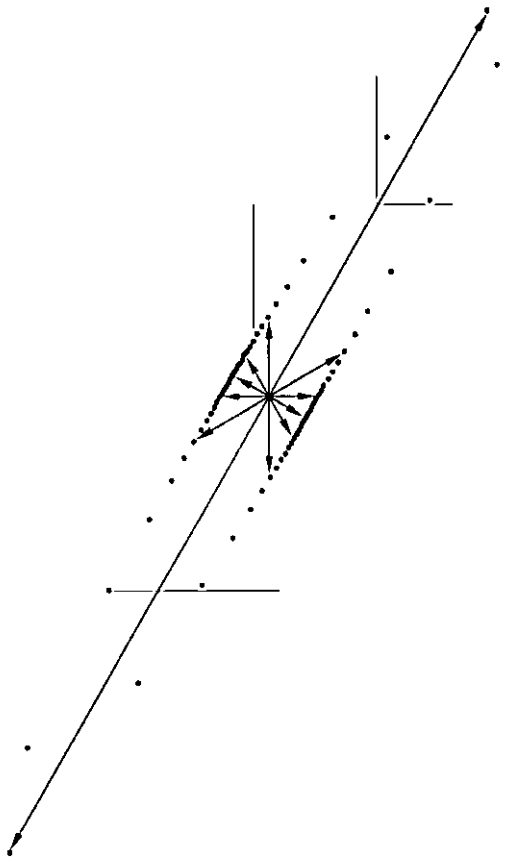


Au MIN

Structure Number 1

Rose Diagram of Ranges Dipping 30 Degrees
Scale:

200 Units

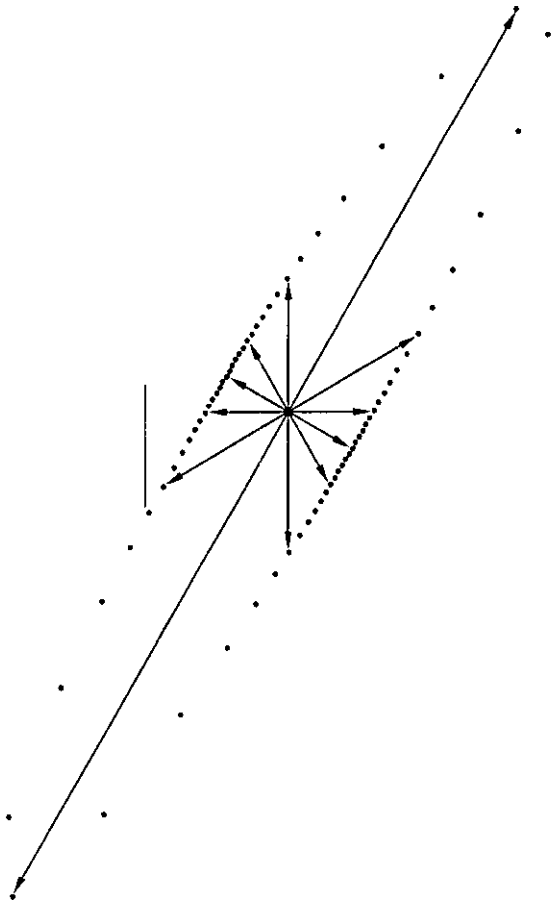


Au MIN

Structure Number 1

Rose Diagram of Ranges Dipping 60 Degrees
Scale:

200 Units

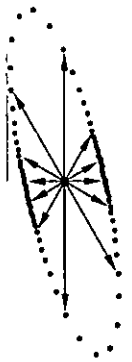


Au MIN

Structure Number 2

Rose Diagram of Ranges Dipping 0 Degrees
Scale:

3000 Units



Au MIN

Structure Number 2

Rose Diagram of Ranges Dipping 30 Degrees
Scale:

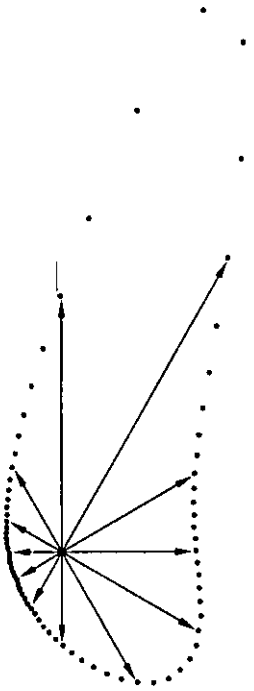
3000 Units

Au MIN

Structure Number 2

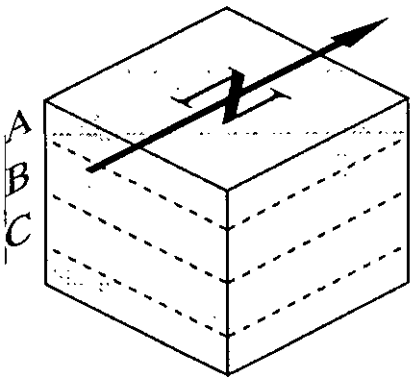
Rose Diagram of Ranges Dipping 60 Degrees
Scale:

3000 Units

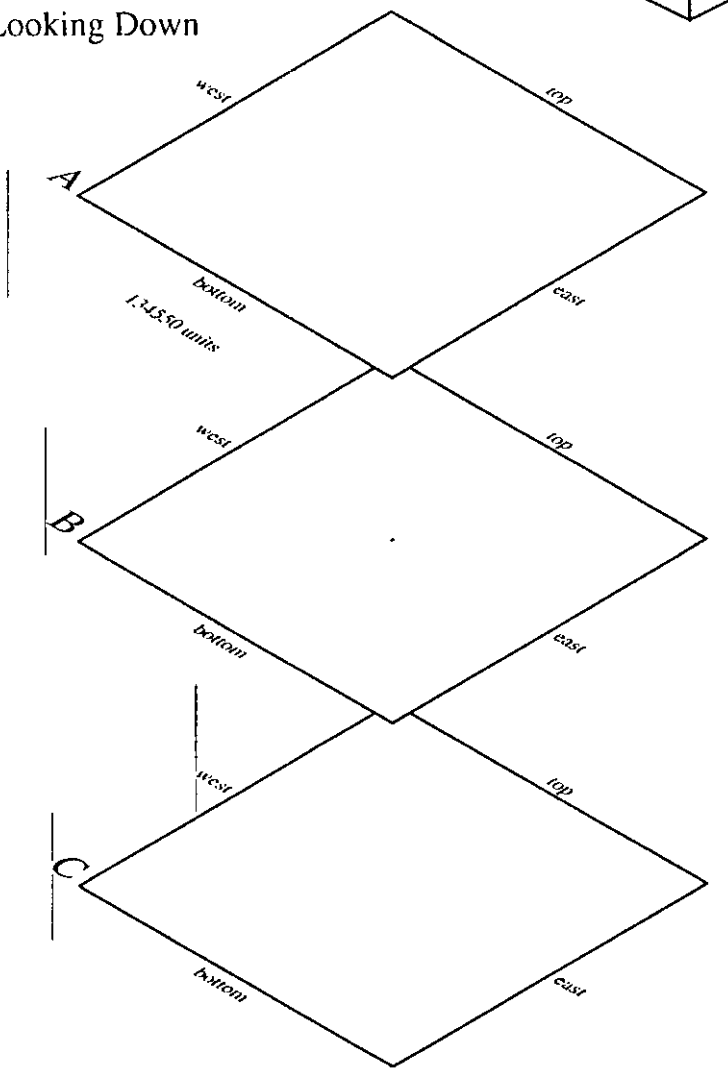


Horizontal Slices Through the Ellipsoids

Reference Cube



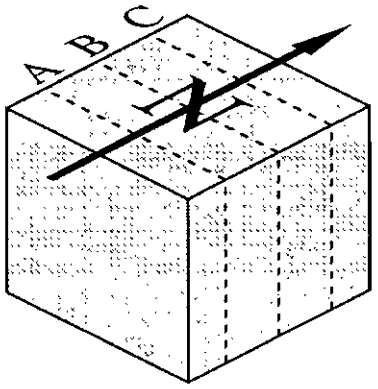
X-Y Planes Looking Down



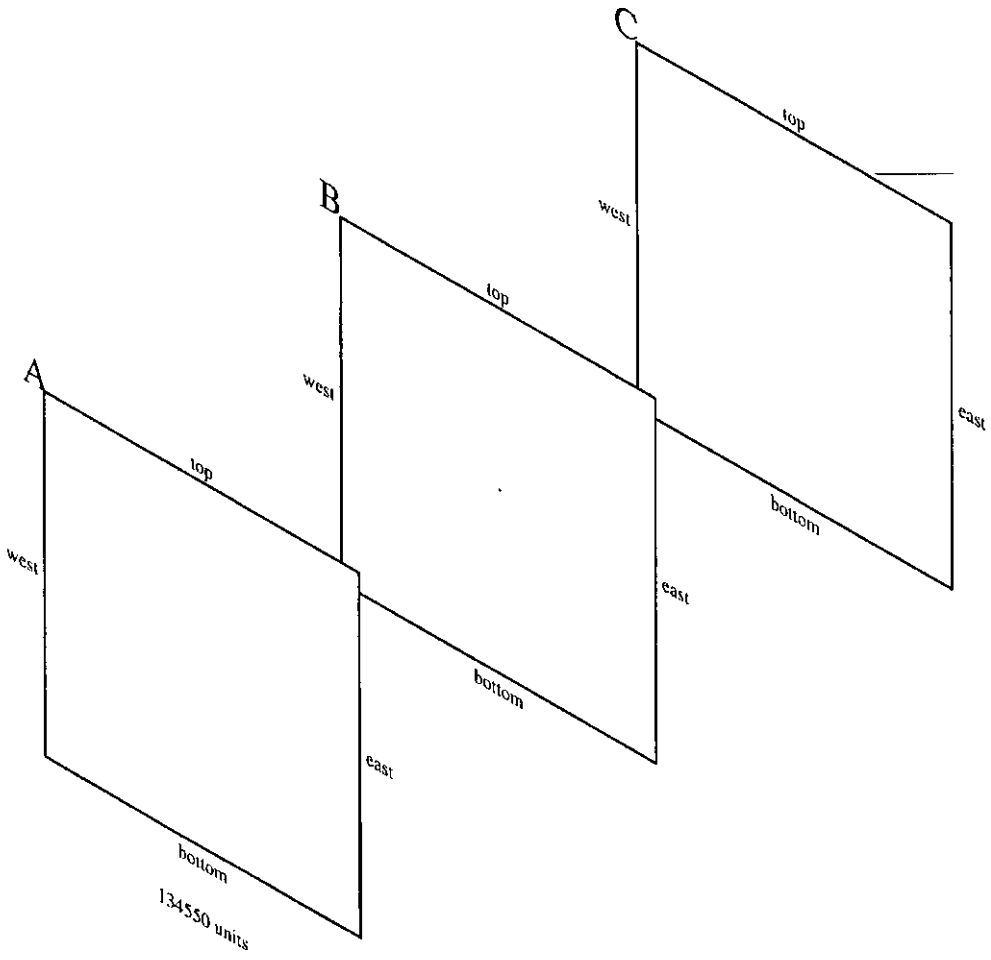
Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

Cross Section Views Through the Ellipsoids

Reference Cube



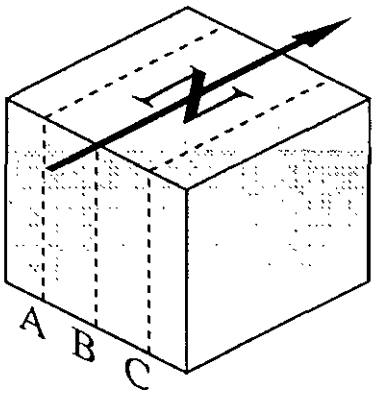
X-Z Planes Looking North



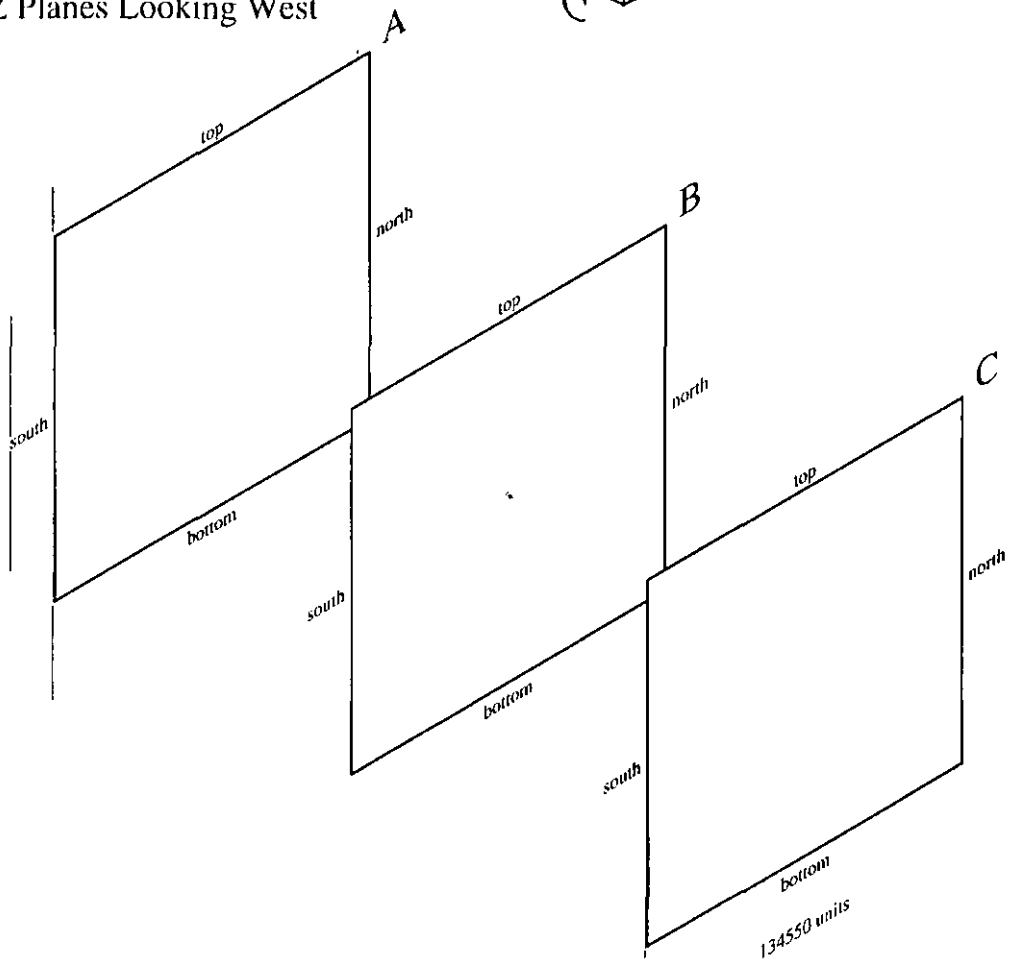
Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

Long Section Views Through the Ellipsoids

Reference Cube

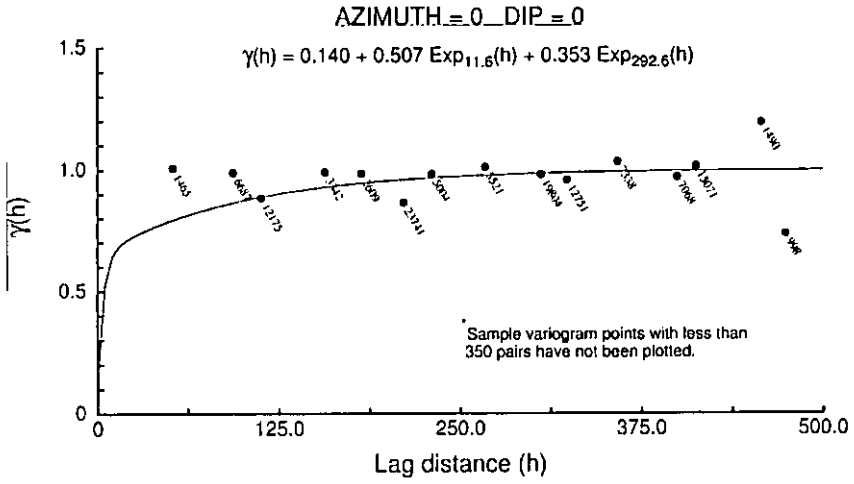


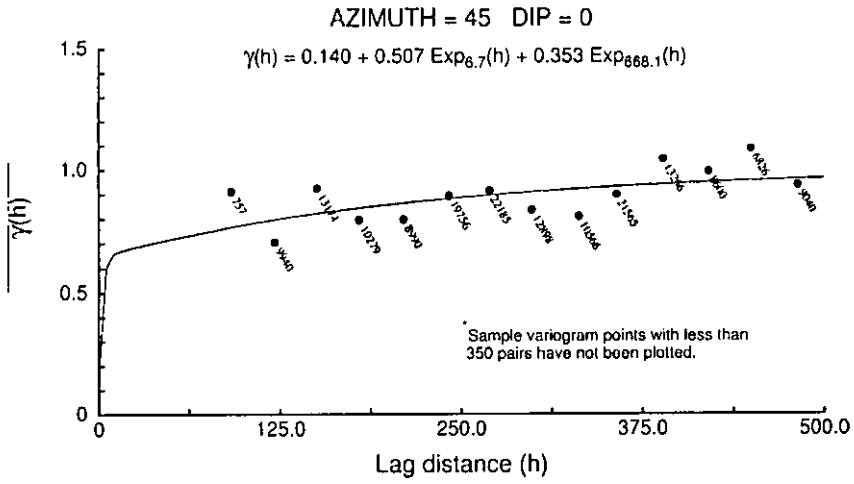
Y-Z Planes Looking West

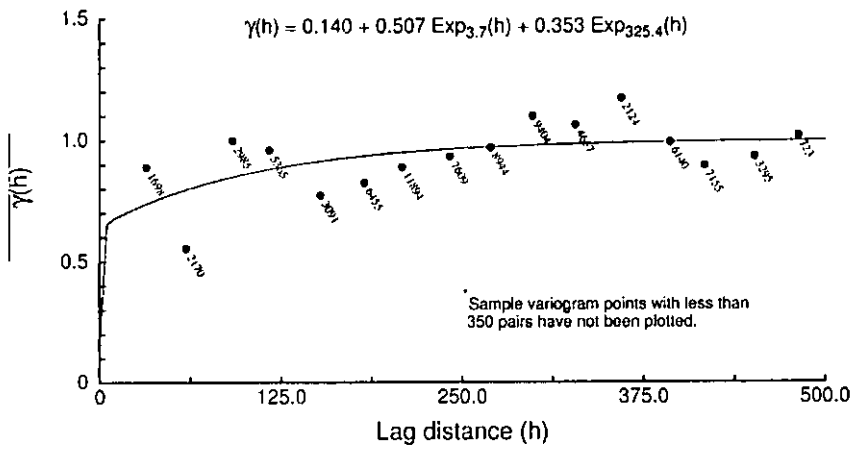


Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

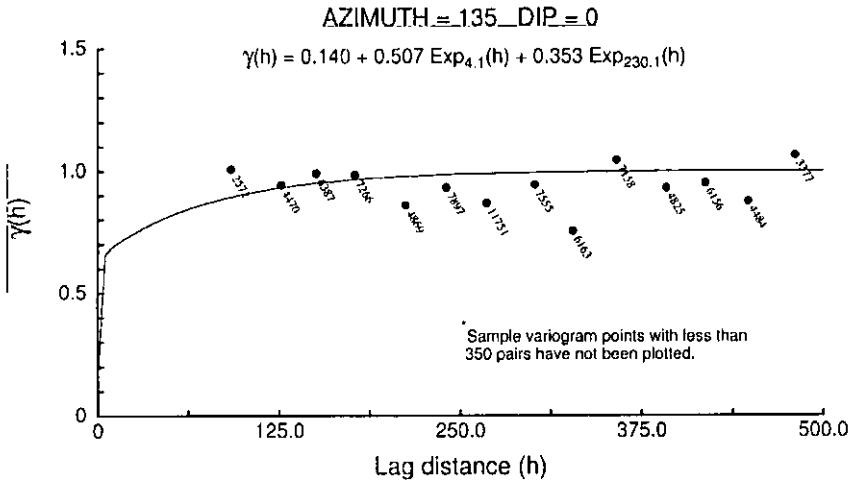
Cu LIX

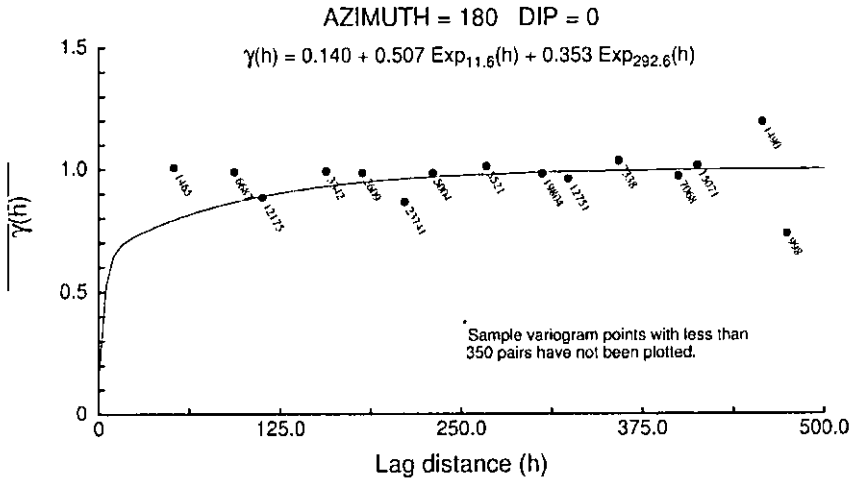

AZIMUTH = 0 DIP = 0
γ(h) = 0.140 + 0.507 Exp11.6(h) + 0.353 Exp292.6(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

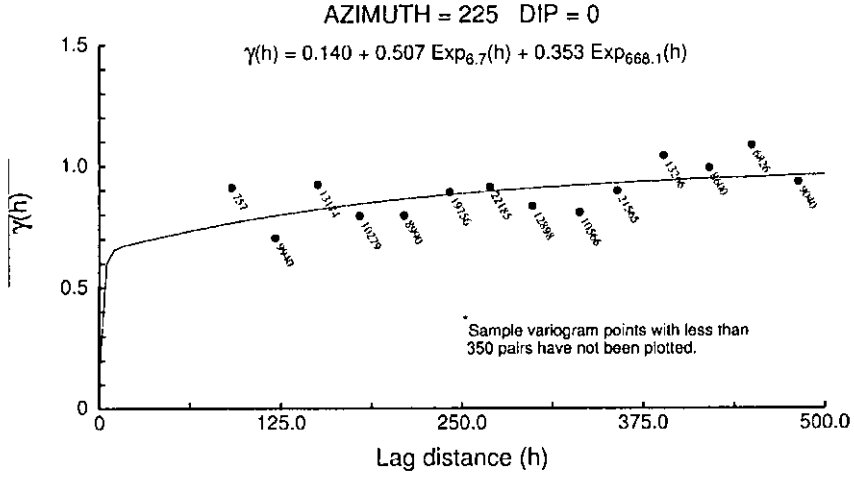

AZIMUTH = 45 DIP = 0
γ(h) = 0.140 + 0.507 Exp6.7(h) + 0.353 Exp668.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 90 DIP = 0
γ(h) = 0.140 + 0.507 Exp3.7(h) + 0.353 Exp325.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

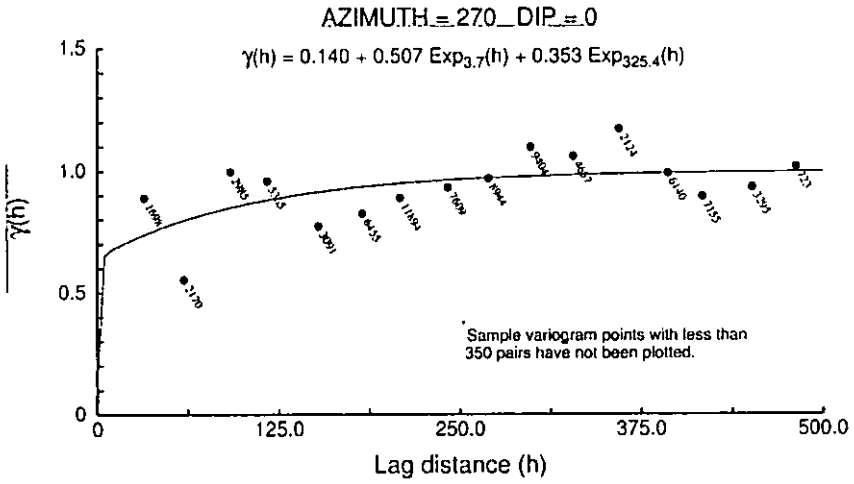
Cu LIX

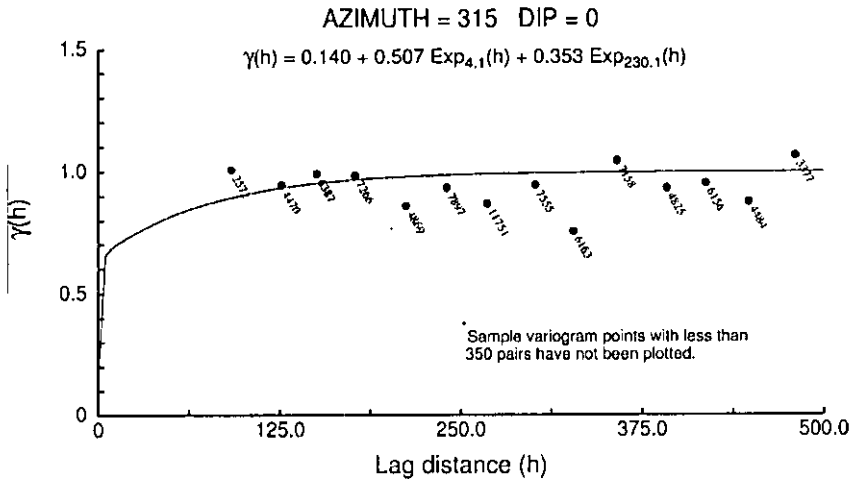

AZIMUTH = 135 DIP = 0
γ(h) = 0.140 + 0.507 Exp4.1(h) + 0.353 Exp230.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

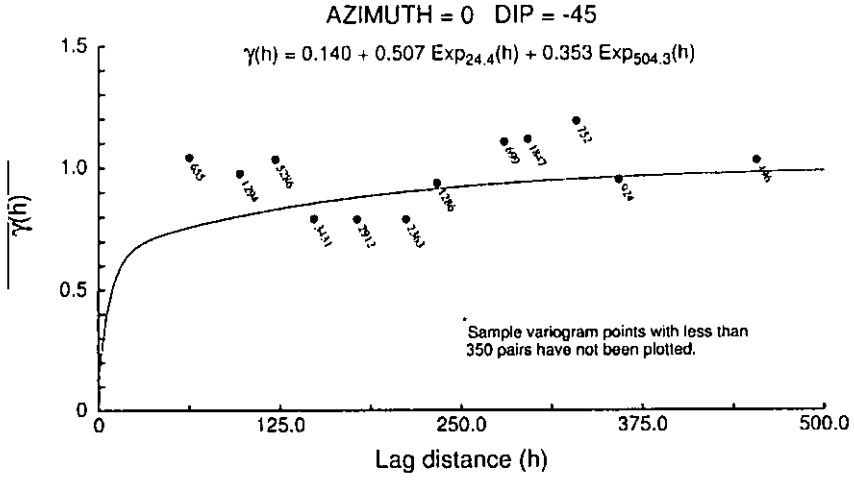

AZIMUTH = 180 DIP = 0
γ(h) = 0.140 + 0.507 Exp11.6(h) + 0.353 Exp292.6(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 225 DIP = 0
γ(h) = 0.140 + 0.507 Exp6.7(h) + 0.353 Exp668.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

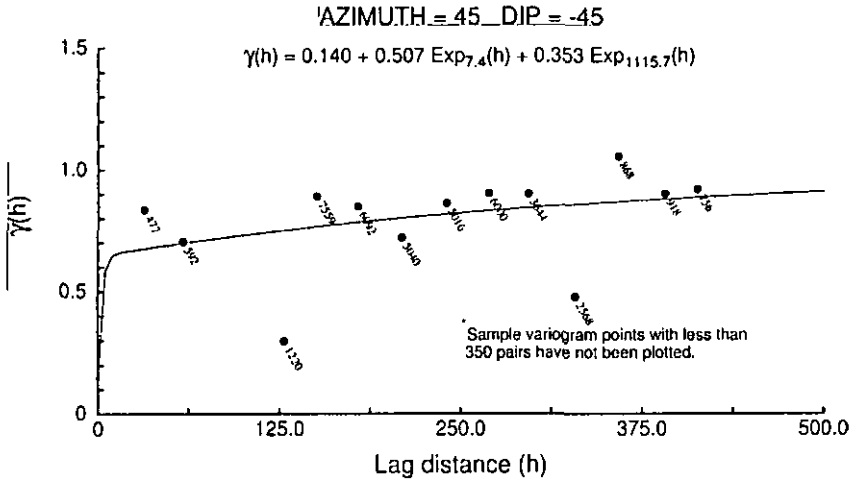
Cu LIX

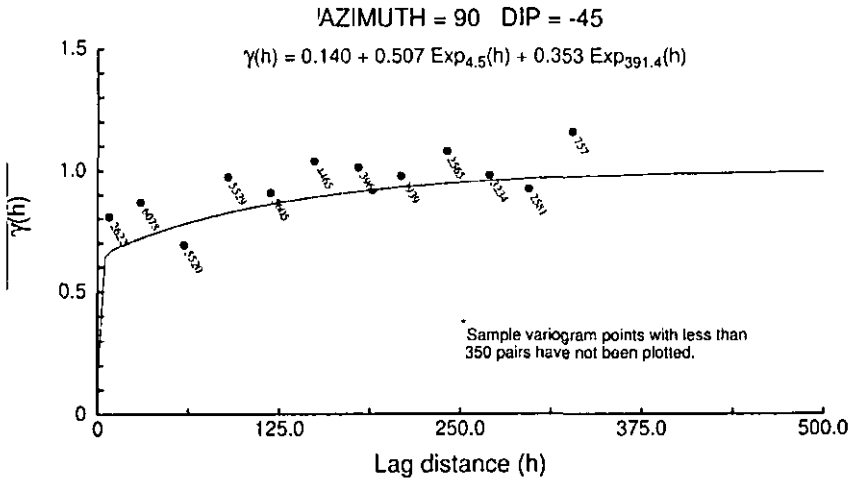

AZIMUTH = 270 DIP = 0
γ(h) = 0.140 + 0.507 Exp3.7(h) + 0.353 Exp325.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

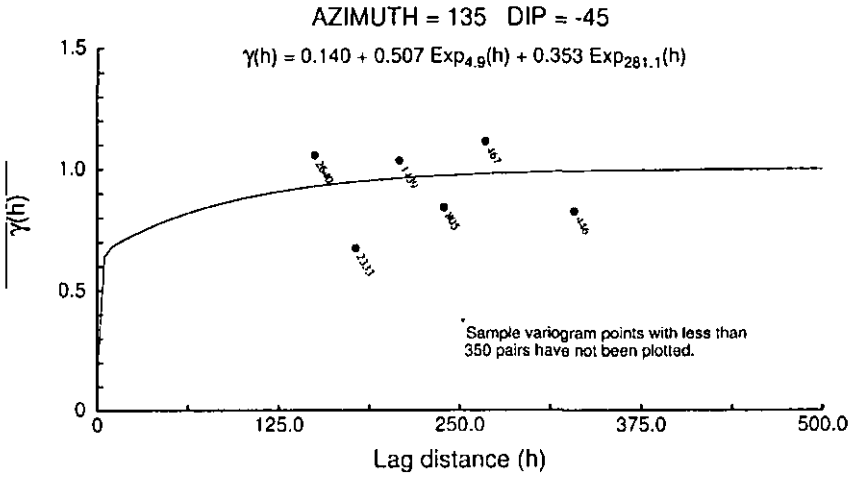

AZIMUTH = 315 DIP = 0
γ(h) = 0.140 + 0.507 Exp4.1(h) + 0.353 Exp230.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 0 DIP = -45
γ(h) = 0.140 + 0.507 Exp24.4(h) + 0.353 Exp504.3(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

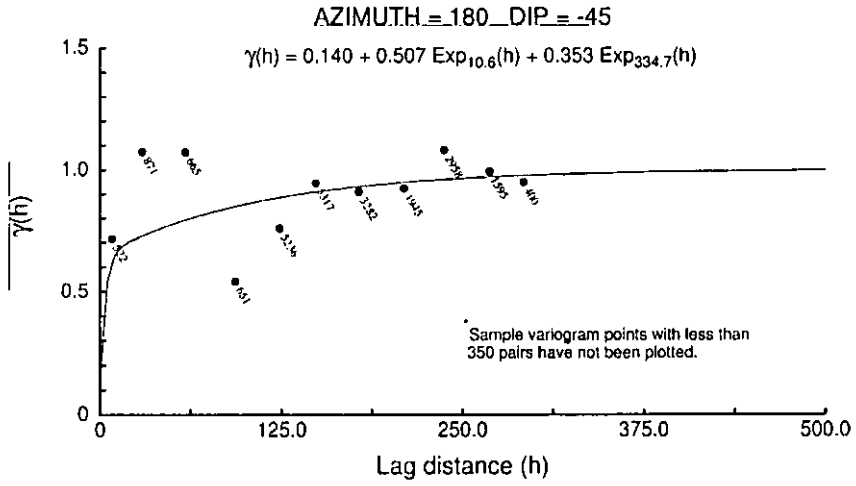
Cu LIX

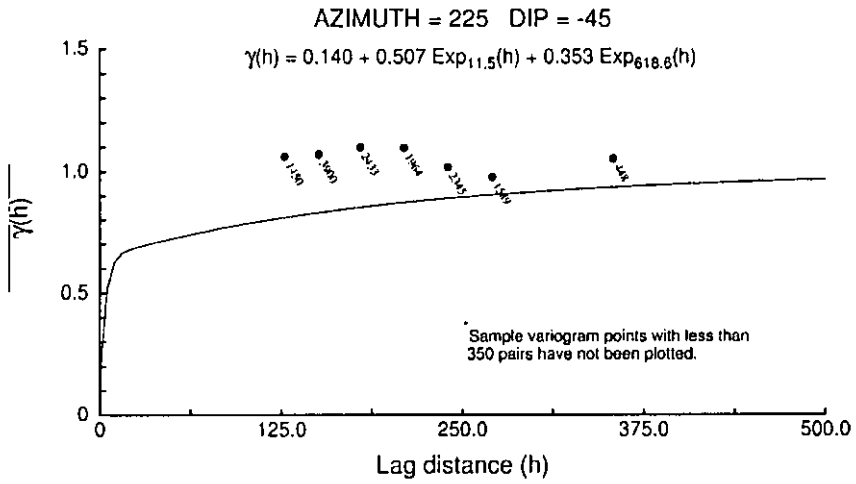

AZIMUTH = 45 DIP = -45
γ(h) = 0.140 + 0.507 Exp7.4(h) + 0.353 Exp1115.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

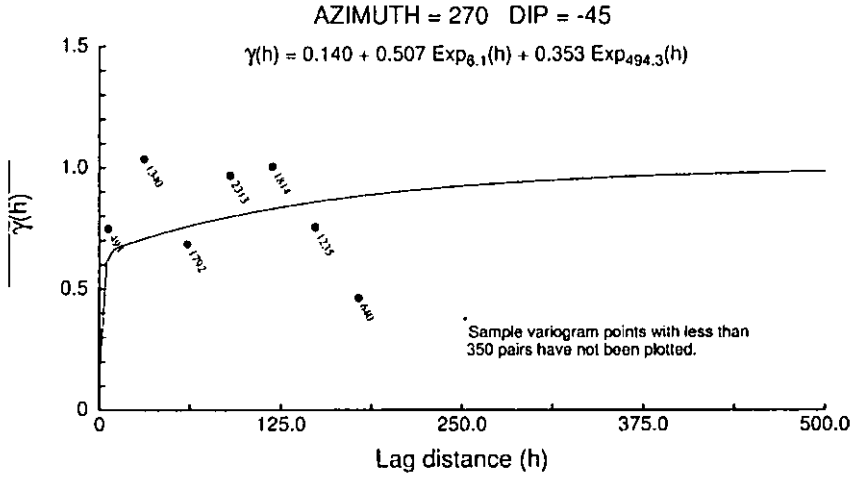

AZIMUTH = 90 DIP = -45
γ(h) = 0.140 + 0.507 Exp4.5(h) + 0.353 Exp391.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 135 DIP = -45
γ(h) = 0.140 + 0.507 Exp4.9(h) + 0.353 Exp281.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

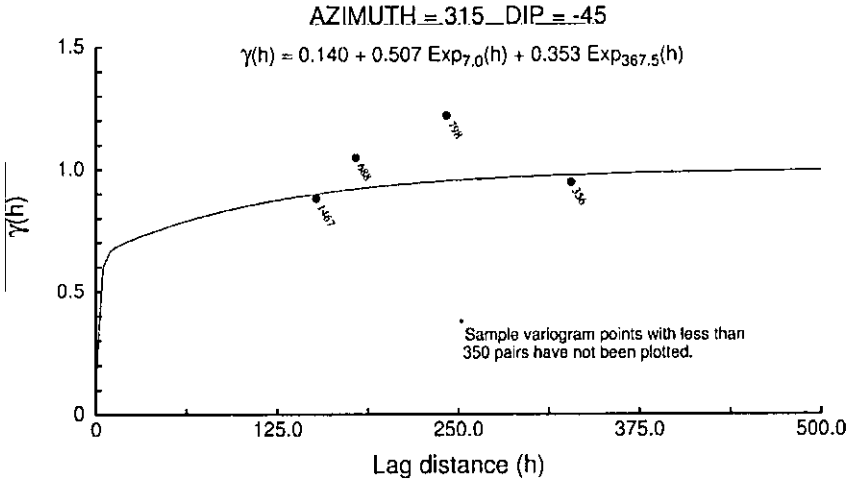
Cu LIX

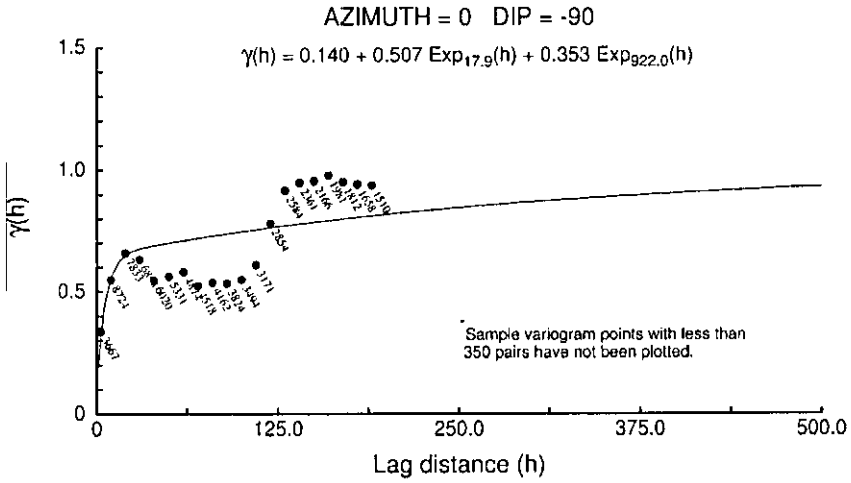

AZIMUTH = 180 DIP = -45
γ(h) = 0.140 + 0.507 Exp10.6(h) + 0.353 Exp334.7(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 225 DIP = -45
γ(h) = 0.140 + 0.507 Exp11.5(h) + 0.353 Exp618.6(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

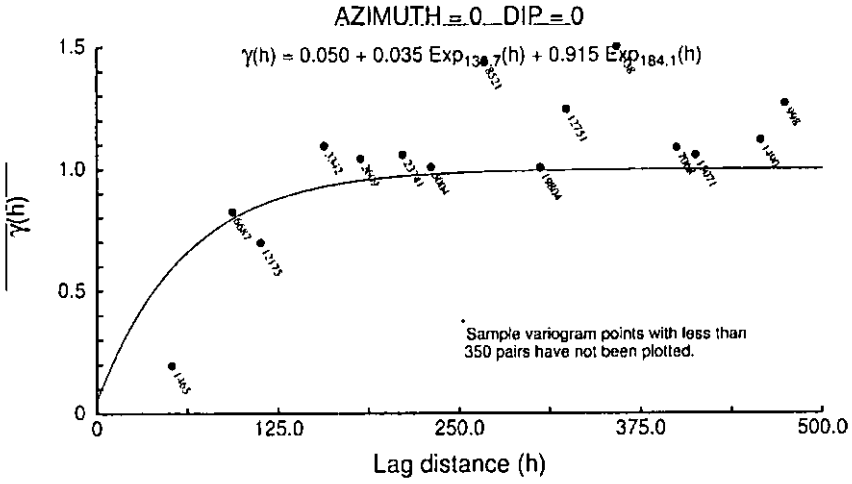

AZIMUTH = 270 DIP = -45
γ(h) = 0.140 + 0.507 Exp6.1(h) + 0.353 Exp494.3(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

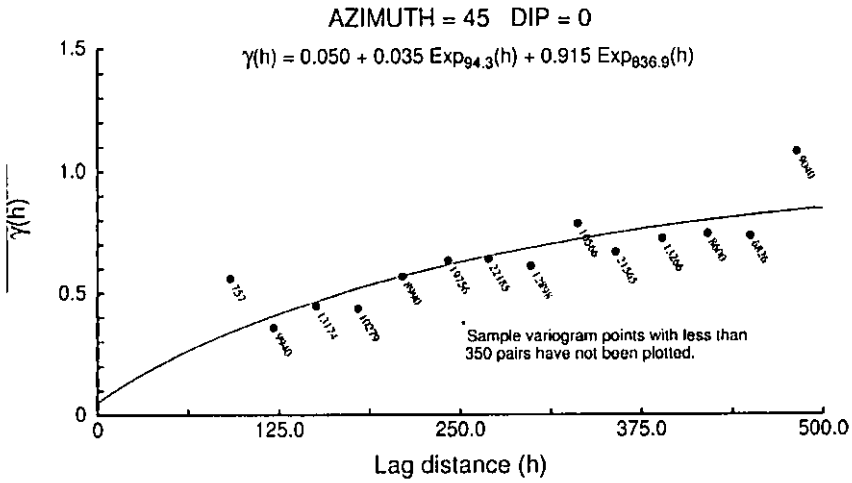
Cu LIX

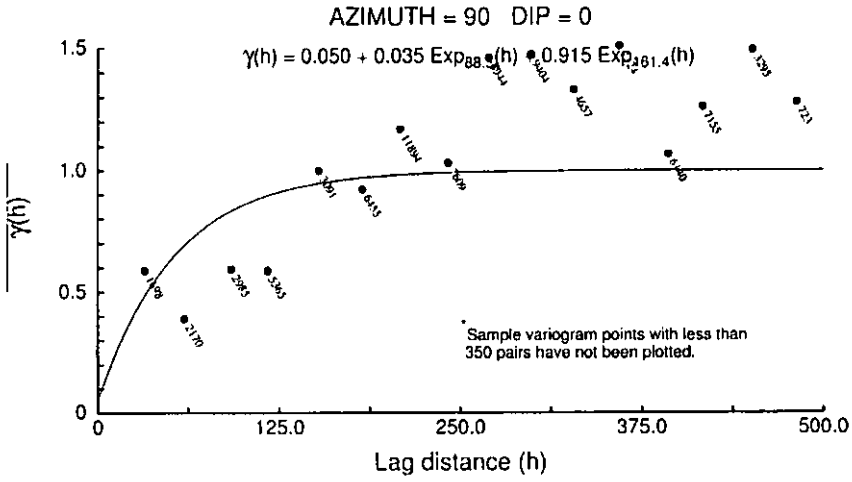

AZIMUTH = 315 DIP = -45
γ(h) = 0.140 + 0.507 Exp7.0(h) + 0.353 Exp367.5(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 0 DIP = -90
γ(h) = 0.140 + 0.507 Exp17.9(h) + 0.353 Exp922.0(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

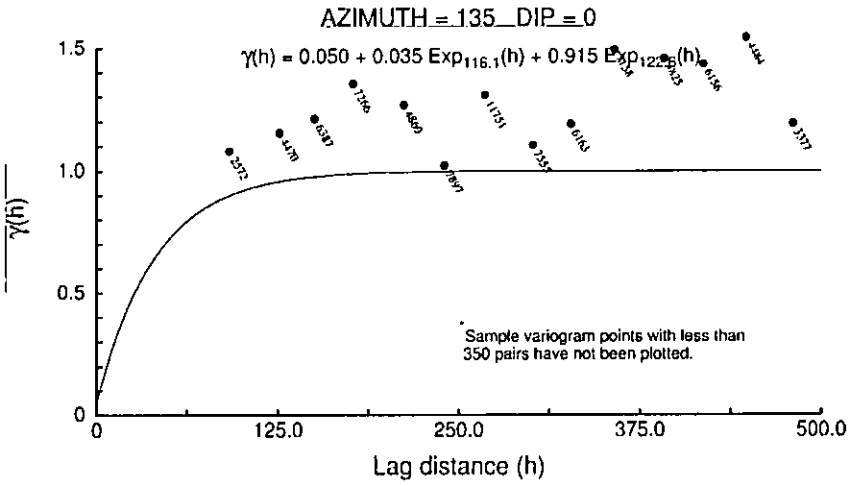
Au LIX

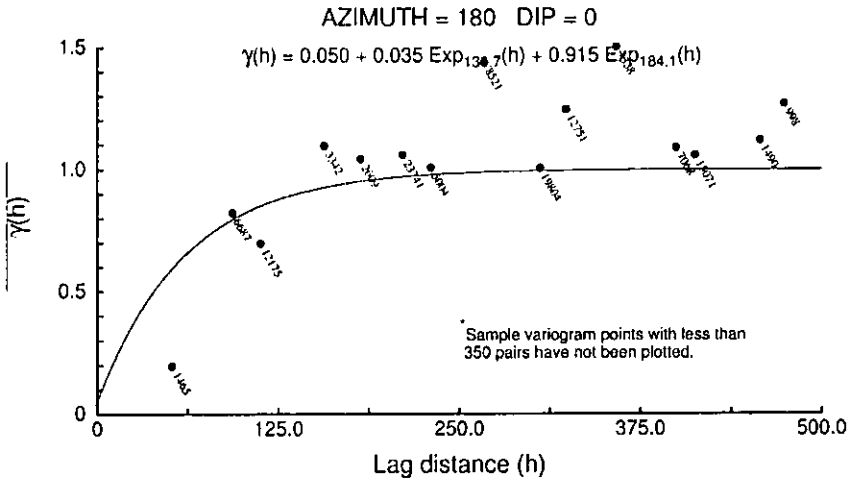

AZIMUTH = 0 DIP = 0
γ(h) = 0.050 + 0.035 Exp138.7(h) + 0.915 Exp184.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

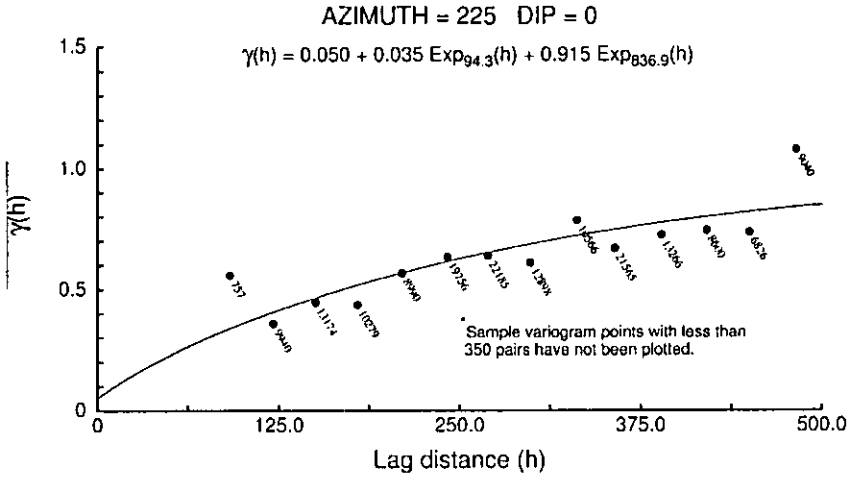

AZIMUTH = 45 DIP = 0
γ(h) = 0.050 + 0.035 Exp94.3(h) + 0.915 Exp836.9(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 90 DIP = 0
γ(h) = 0.050 + 0.035 Exp88.9(h) + 0.915 Exp361.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

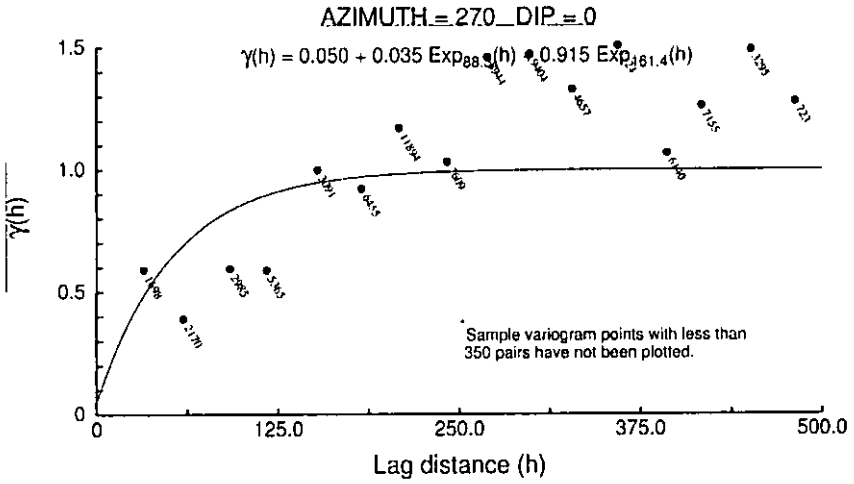
Au LIX

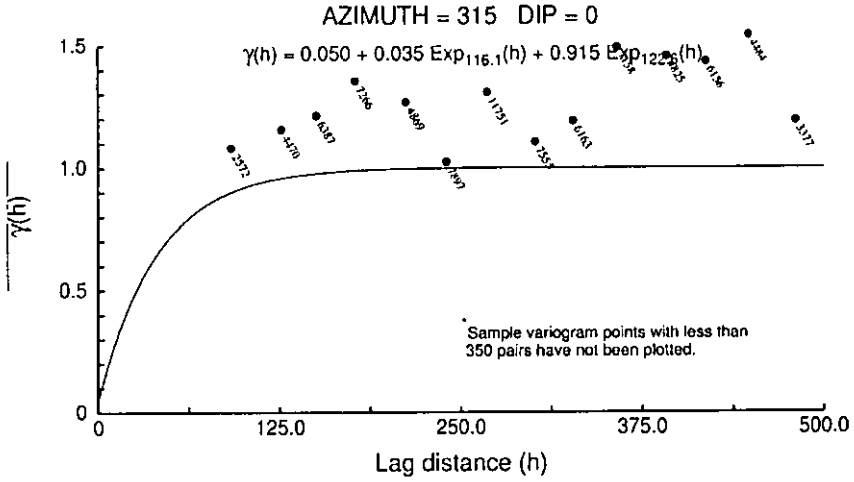

AZIMUTH = 135 DIP = 0
γ(h) = 0.050 + 0.035 Exp116.1(h) + 0.915 Exp
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

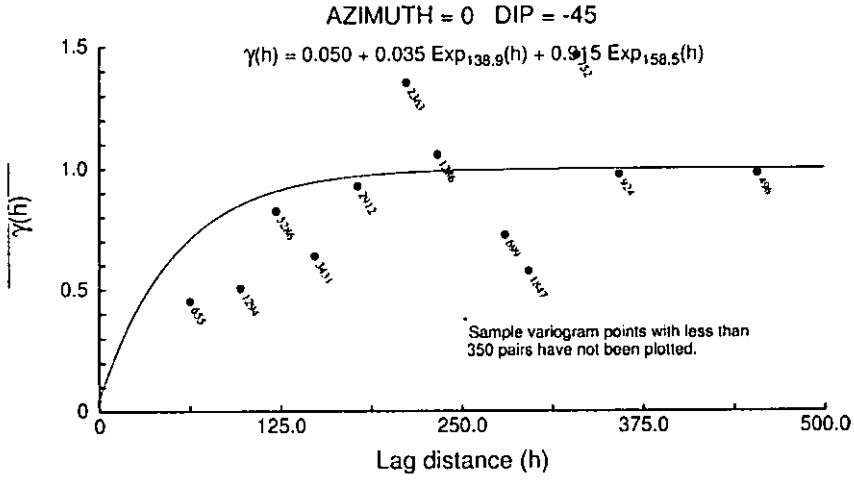

AZIMUTH = 180 DIP = 0
γ(h) = 0.050 + 0.035 Exp
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.


AZIMUTH = 225 DIP = 0
γ(h) = 0.050 + 0.035 Exp94.3(h) + 0.915 Exp836.9(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than
350 pairs have not been plotted.

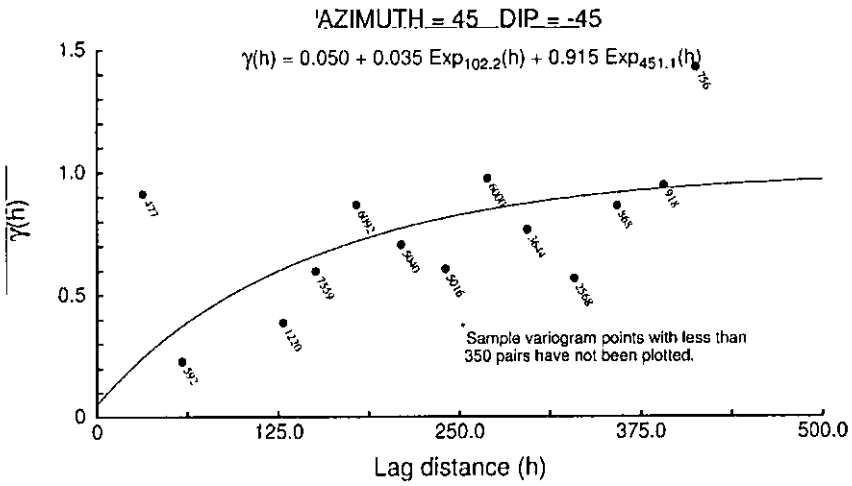
Au LIX

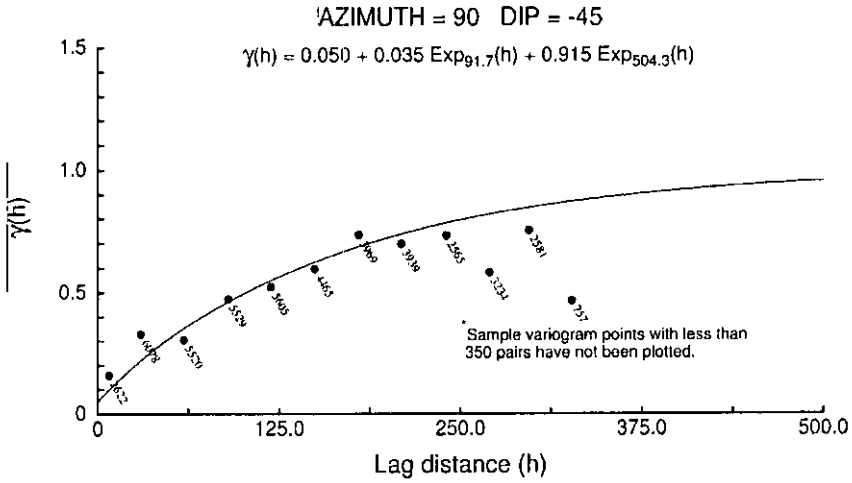

AZIMUTH = 270 DIP = 0
γ(h) = 0.050 + 0.035 Exp88.9(h) + 0.915 Exp161.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

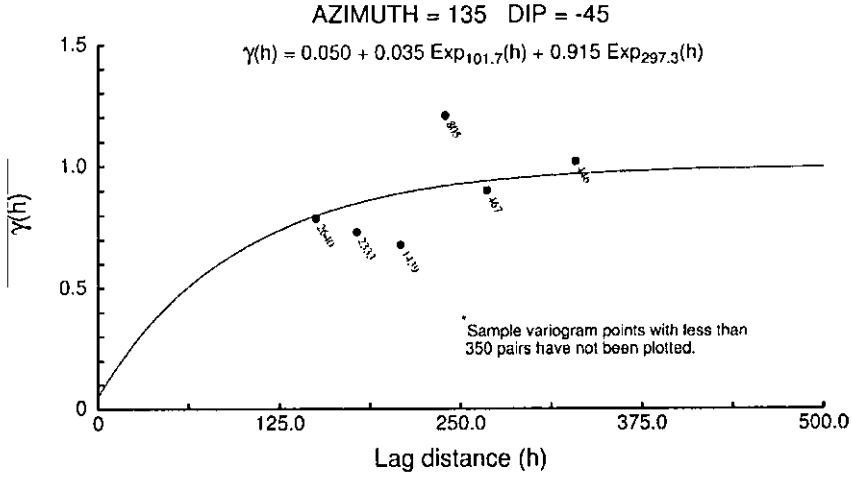

AZIMUTH = 315 DIP = 0
γ(h) = 0.050 + 0.035 Exp116.1(h) + 0.915 Exp
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 0 DIP = -45
γ(h) = 0.050 + 0.035 Exp138.9(h) + 0.915 Exp158.5(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

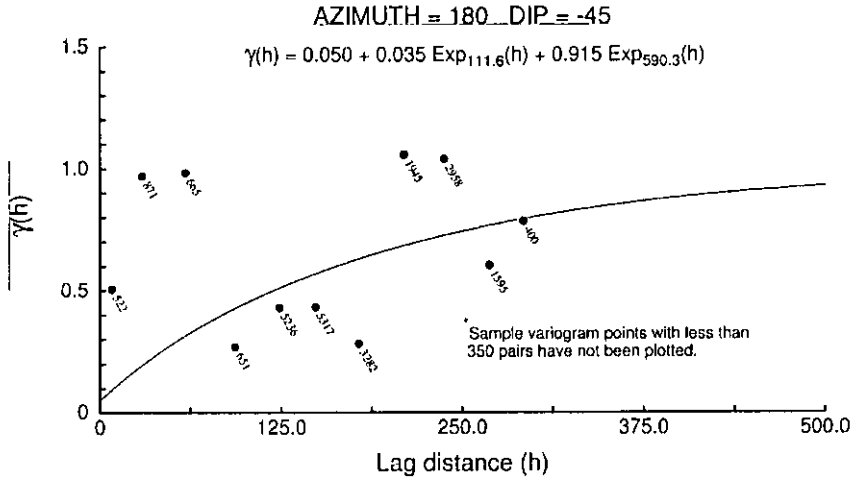
Au LIX

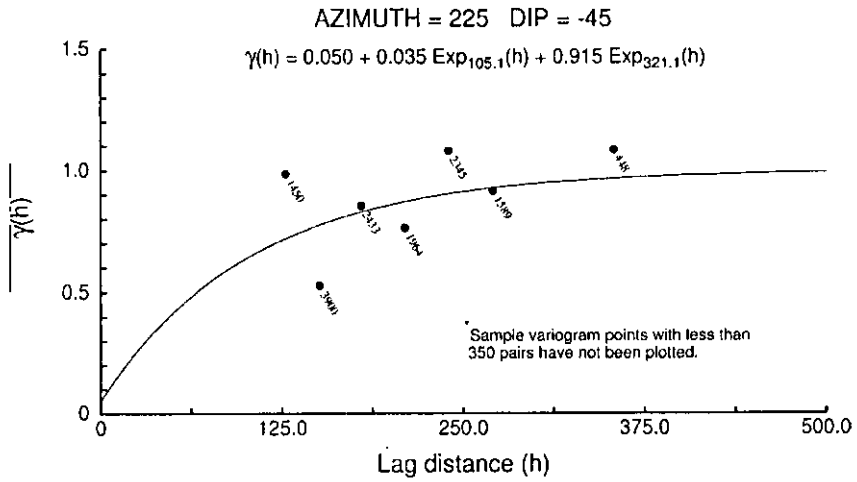

'AZIMUTH = 45 DIP = -45
γ(h) = 0.050 + 0.035 Exp102.2(h) + 0.915 Exp451.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

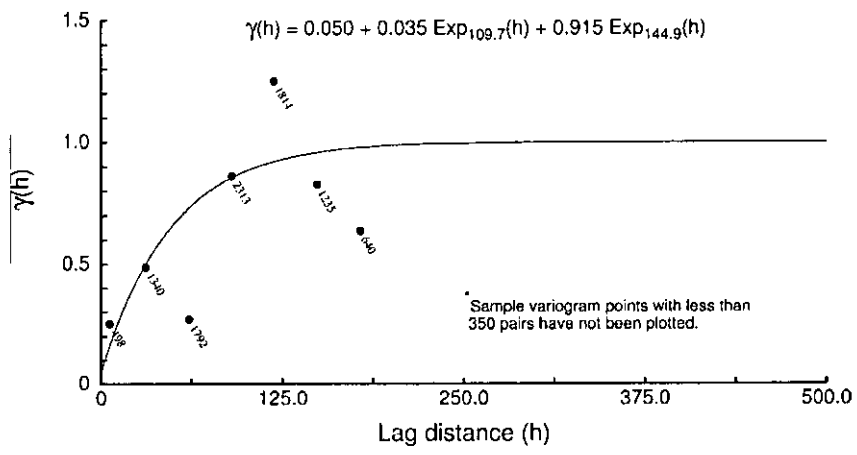

'AZIMUTH = 90 DIP = -45
γ(h) = 0.050 + 0.035 Exp91.7(h) + 0.915 Exp504.3(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 135 DIP = -45
γ(h) = 0.050 + 0.035 Exp101.7(h) + 0.915 Exp297.3(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

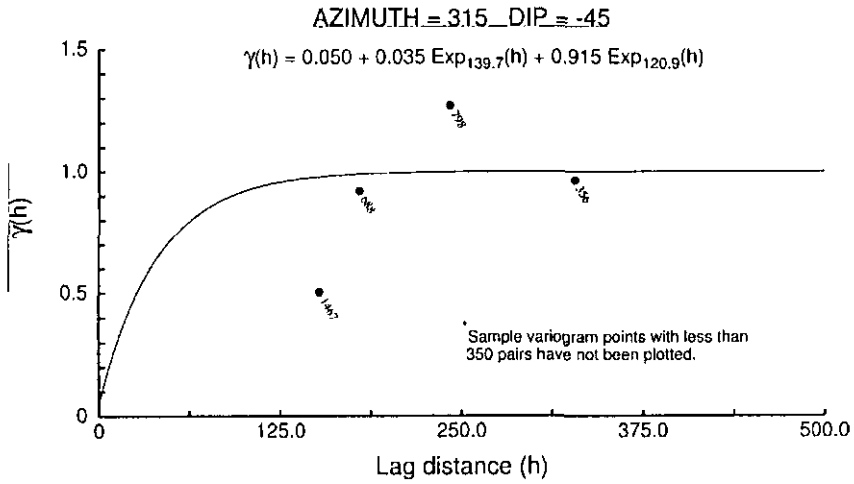
Au LIX

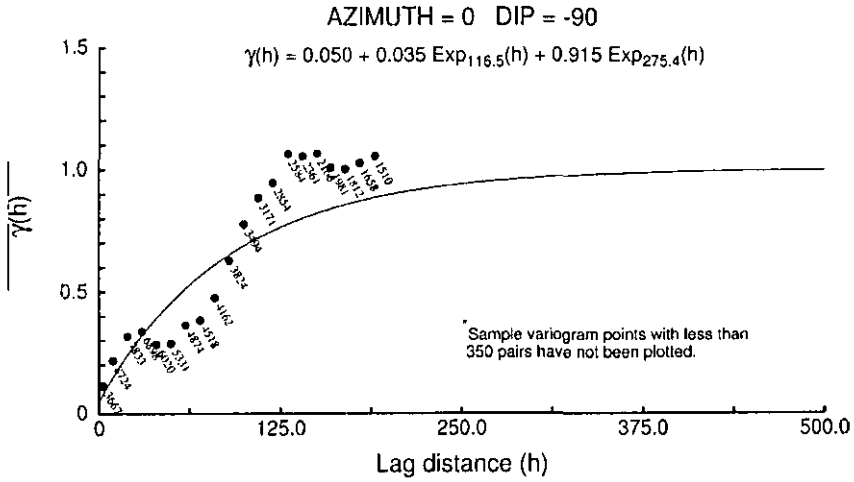

AZIMUTH = 180 DIP = -45
γ(h) = 0.050 + 0.035 Exp111.6(h) + 0.915 Exp590.3(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 225 DIP = -45
γ(h) = 0.050 + 0.035 Exp105.1(h) + 0.915 Exp321.1(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 270 DIP = -45
γ(h) = 0.050 + 0.035 Exp109.7(h) + 0.915 Exp144.9(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au LIX


AZIMUTH = 315 DIP = -45
γ(h) = 0.050 + 0.035 Exp139.7(h) + 0.915 Exp120.9(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.


AZIMUTH = 0 DIP = -90
γ(h) = 0.050 + 0.035 Exp116.5(h) + 0.915 Exp275.4(h)
γ(h)
1.5
1.0
0.5
0
0
125.0
250.0
375.0
500.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Cu MIN

GSLIB Rotation Conventions

Nugget ==> 0.120
C1 ==> 0.614
C2 ==> 0.266

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> -85
RH Rotation about the X' axis ==> 58
RH Rotation about the Y' axis ==> 39

Range along the Z' axis	==> 484.2	Azimuth ==> 51	Dip ==> 24
Range along the Y' axis	==> 92.8	Azimuth ==> 275	Dip ==> 58
Range along the X' axis	==> 72.2	Azimuth ==> 331	Dip ==> -20

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 11
RH Rotation about the X' axis ==> 44
RH Rotation about the Y' axis ==> 13

Range along the Z axis	==> 2283.3	Azimuth ==> 173	Dip ==> 45
Range along the X' axis	==> 207.8	Azimuth ==> 92	Dip ==> -9
Range along the Y' axis	==> 540.5	Azimuth ==> 11	Dip ==> 44

Modeling Criteria

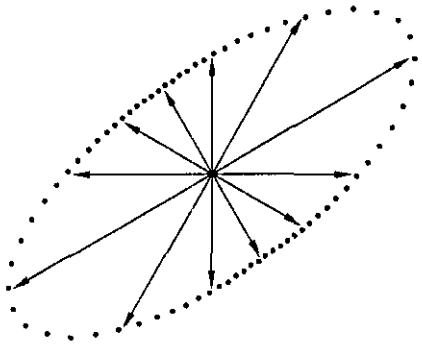
Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Cu MIN

Structure Number 1

Rose Diagram of Ranges Dipping 0 Degrees
Scale:

400 Units

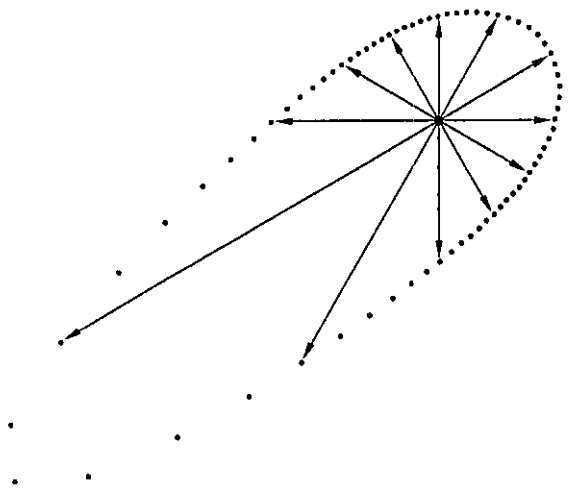


Cu MIN

Structure Number 1

Rose Diagram of Ranges Dipping 30 Degrees
Scale:

400 Units

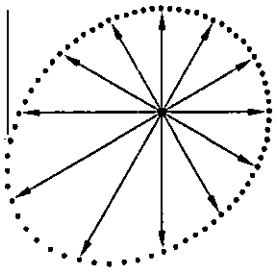


Cu MIN

Structure Number 1

Rose Diagram of Ranges Dipping 60 Degrees
Scale:

400 Units

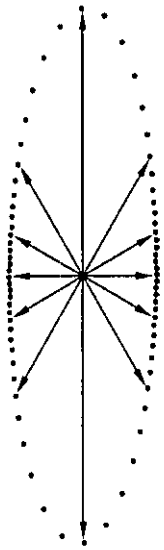


Cu MIN

Structure Number 2

Rose Diagram of Ranges Dipping 0 Degrees
Scale:

2000 Units

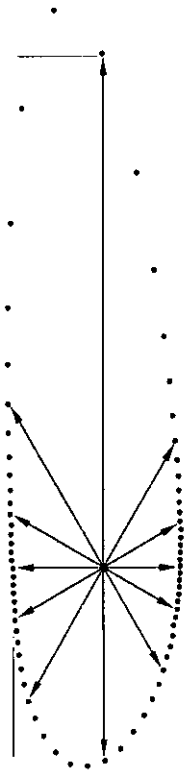


Cu MIN

Structure Number 2

Rose Diagram of Ranges Dipping 30 Degrees
Scale:

2000 Units

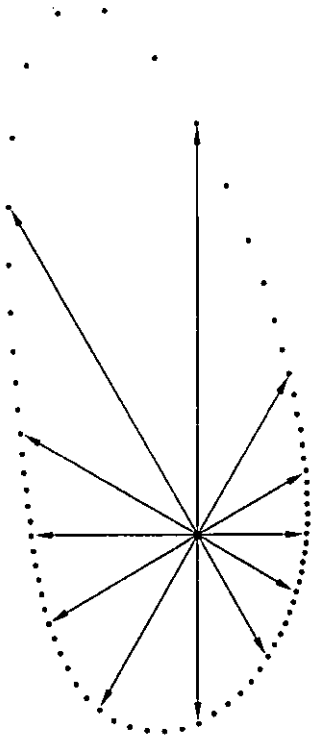


Cu MIN

Structure Number 2

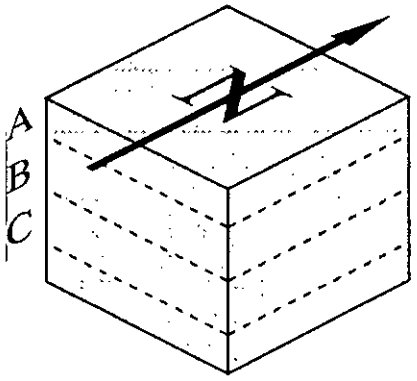
Rose Diagram of Ranges Dipping 60 Degrees
Scale:

2000 Units

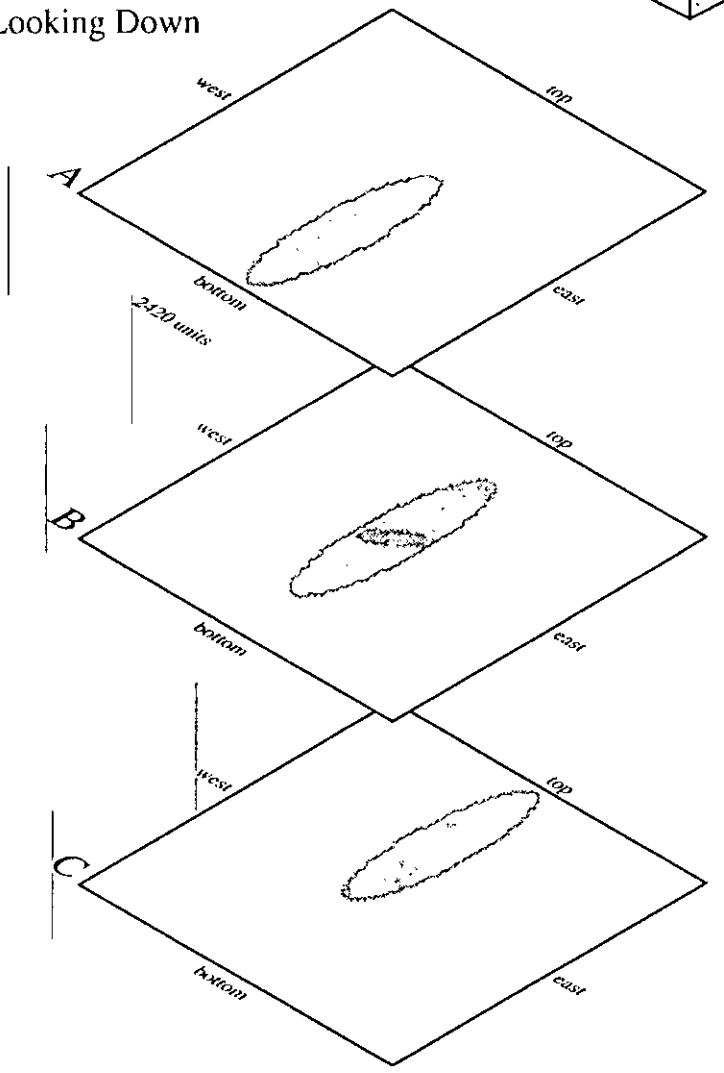


Horizontal Slices Through the Ellipsoids

Reference Cube



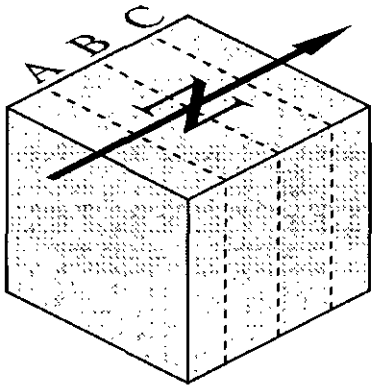
X-Y Planes Looking Down



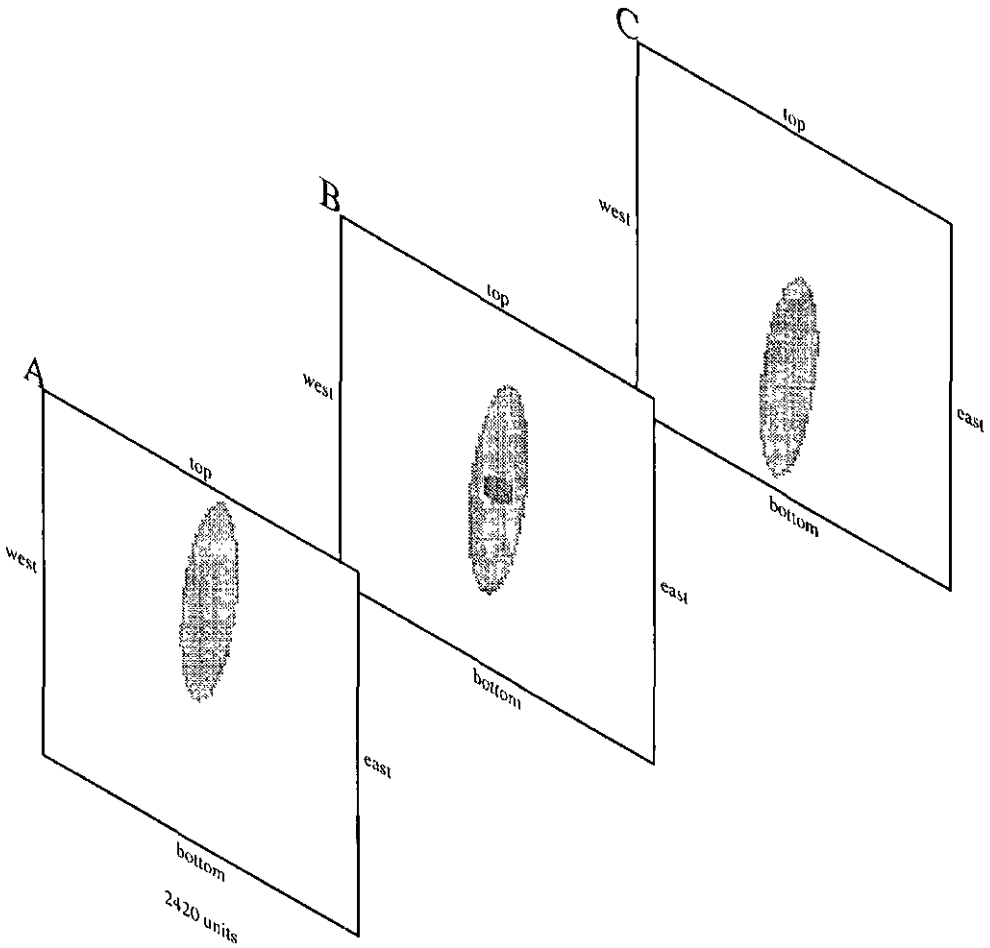
Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

Cross Section Views Through the Ellipsoids

Reference Cube



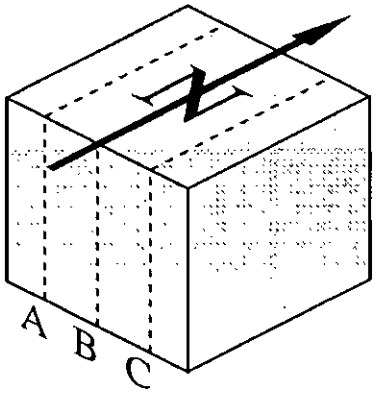
X-Z Planes Looking North



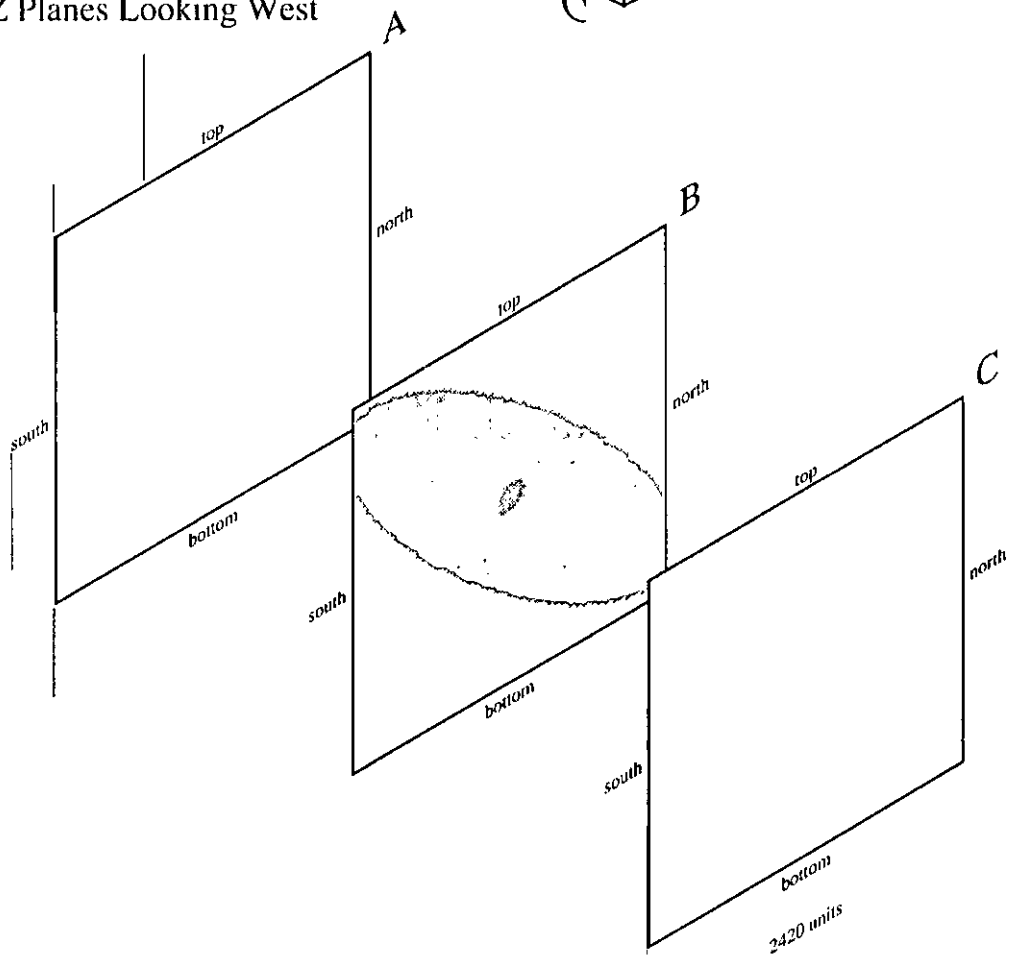
Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

Long Section Views Through the Ellipsoids

Reference Cube



Y-Z Planes Looking West



Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

Cu LIX

GSLIB Rotation Conventions

Nugget ==> 0.140
C1 ==> 0.507
C2 ==> 0.353

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 18
RH Rotation about the X' axis ==> 21
RH Rotation about the Y' axis ==> 9

Range along the Z' axis	==> 29.4	Azimuth ==> 173	Dip ==> 67
Range along the Y' axis	==> 17.5	Azimuth ==> 18	Dip ==> 21
Range along the X' axis	==> 3.7	Azimuth ==> 104	Dip ==> -9

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 53
RH Rotation about the X' axis ==> 23
RH Rotation about the Y' axis ==> 9

Range along the Z axis	==> 1579.1	Azimuth ==> 210	Dip ==> 66
Range along the X' axis	==> 216.5	Azimuth ==> 139	Dip ==> -8
Range along the Y' axis	==> 624.3	Azimuth ==> 53	Dip ==> 23

Modeling Criteria

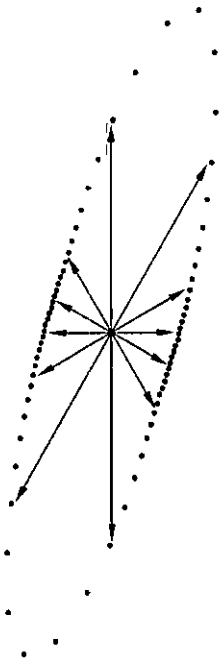
Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Cu LIX

Structure Number 1

Rose Diagram of Ranges Dipping 0 Degrees
Scale:

30 Units

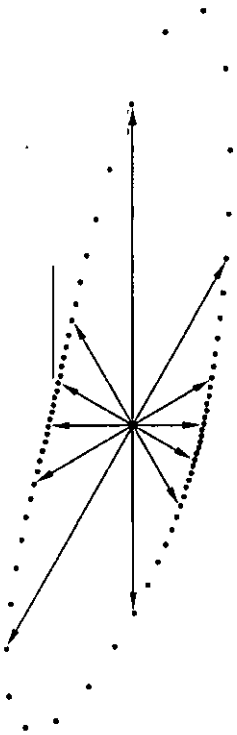


Cu LIX

Structure Number 1

Rose Diagram of Ranges Dipping 30 Degrees
Scale:

30 Units

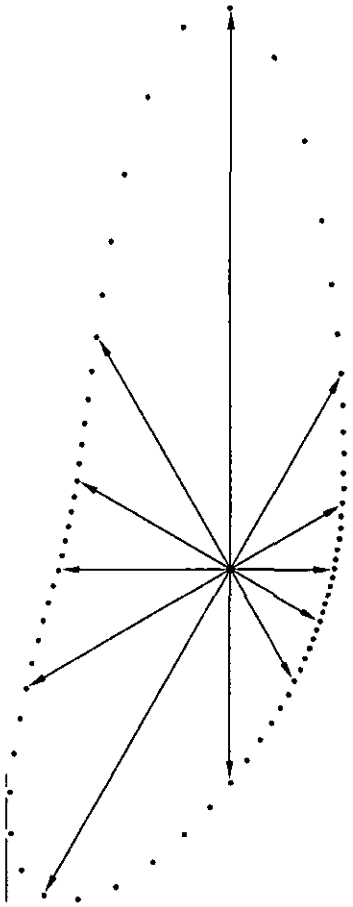


Cu LIX

Structure Number 1

Rose Diagram of Ranges Dipping 60 Degrees
Scale:

30 Units

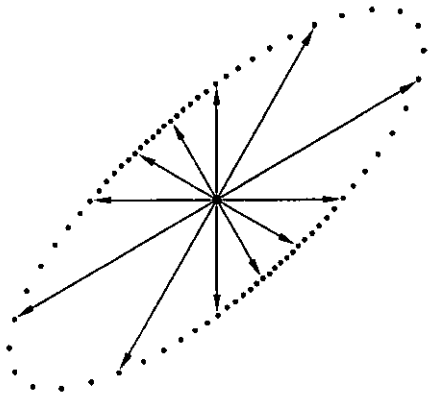


Cu LIX

Structure Number 2

Rose Diagram of Ranges Dipping 0 Degrees
Scale:

1000 Units

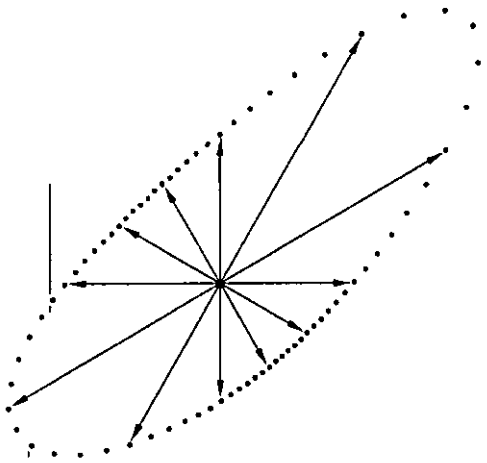


Cu LIX

Structure Number 2

Rose Diagram of Ranges Dipping 30 Degrees
Scale:

1000 Units

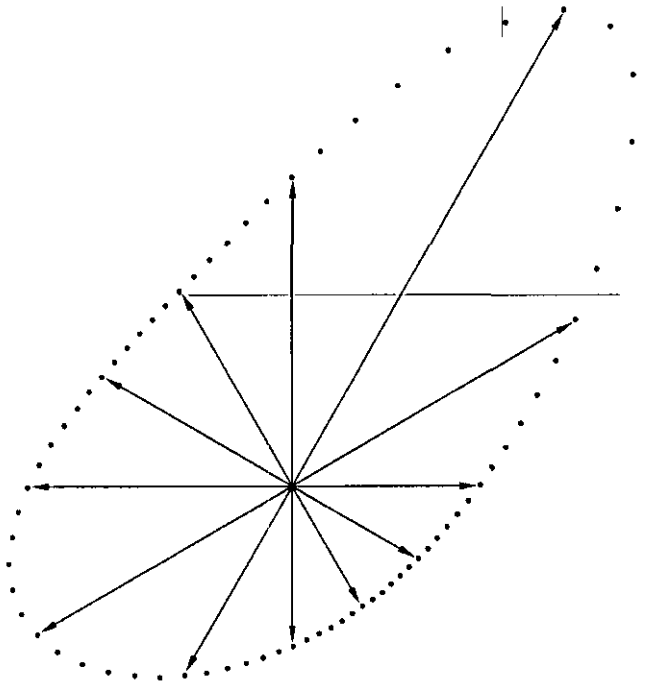


Cu LIX

Structure Number 2

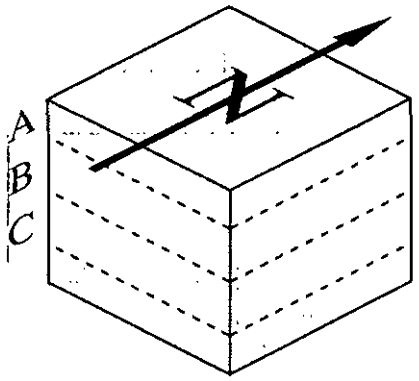
Rose Diagram of Ranges Dipping 60 Degrees
Scale:

1000 Units

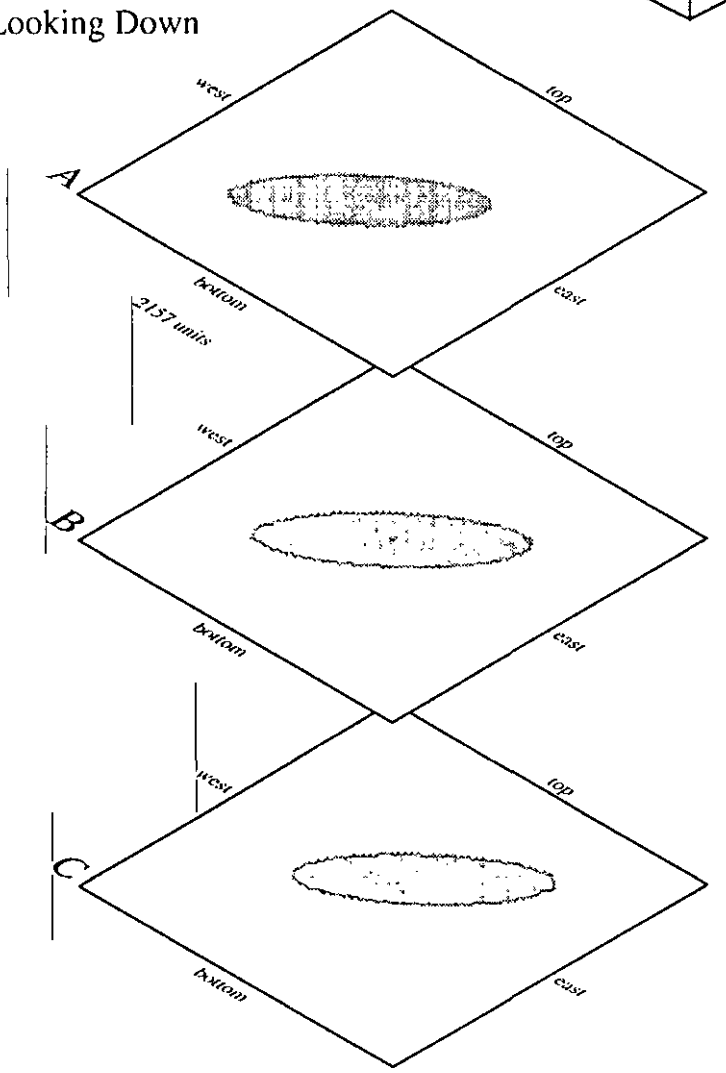


Horizontal Slices Through the Ellipsoids

Reference Cube



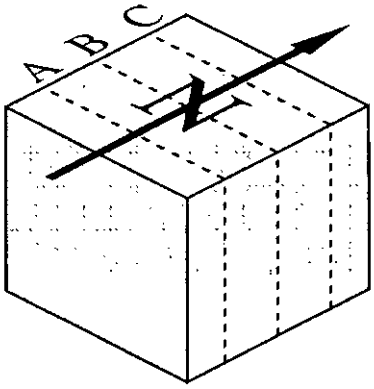
X-Y Planes Looking Down



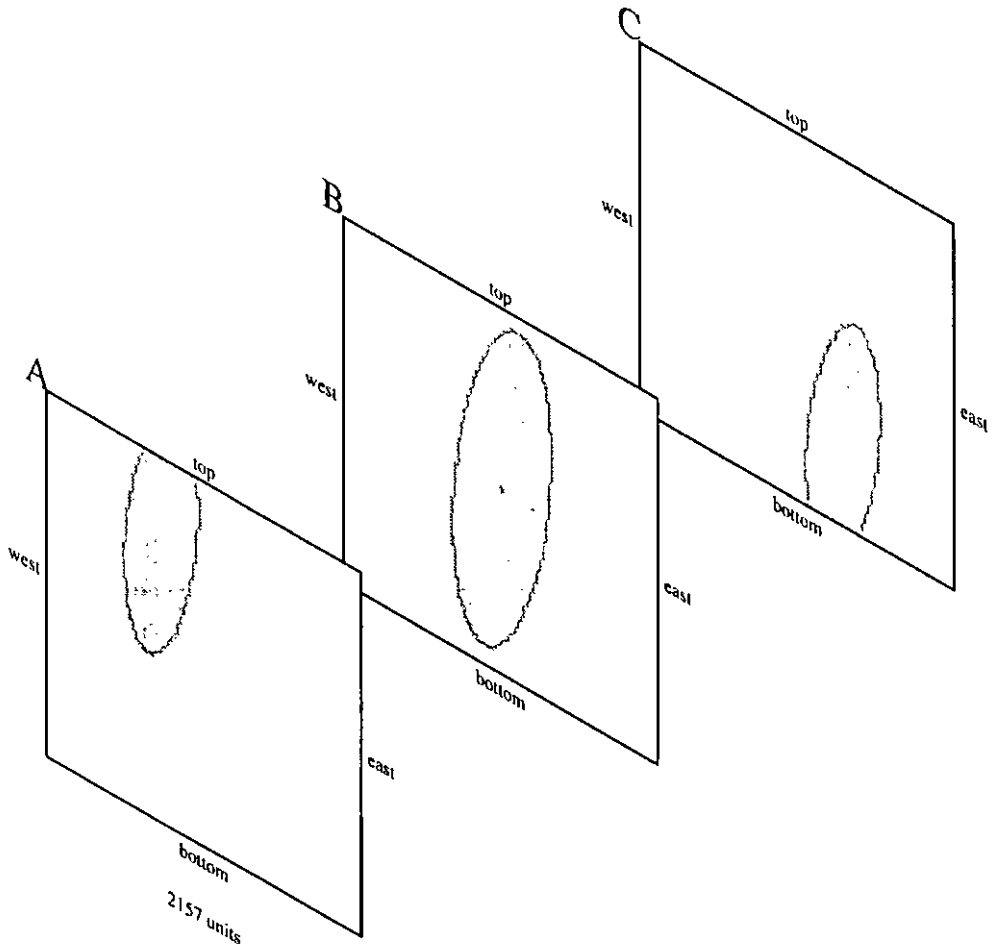
Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

Cross Section Views Through the Ellipsoids

Reference Cube



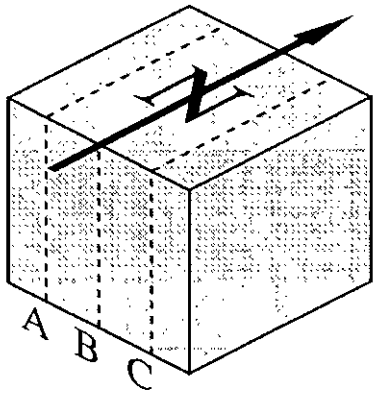
X-Z Planes Looking North



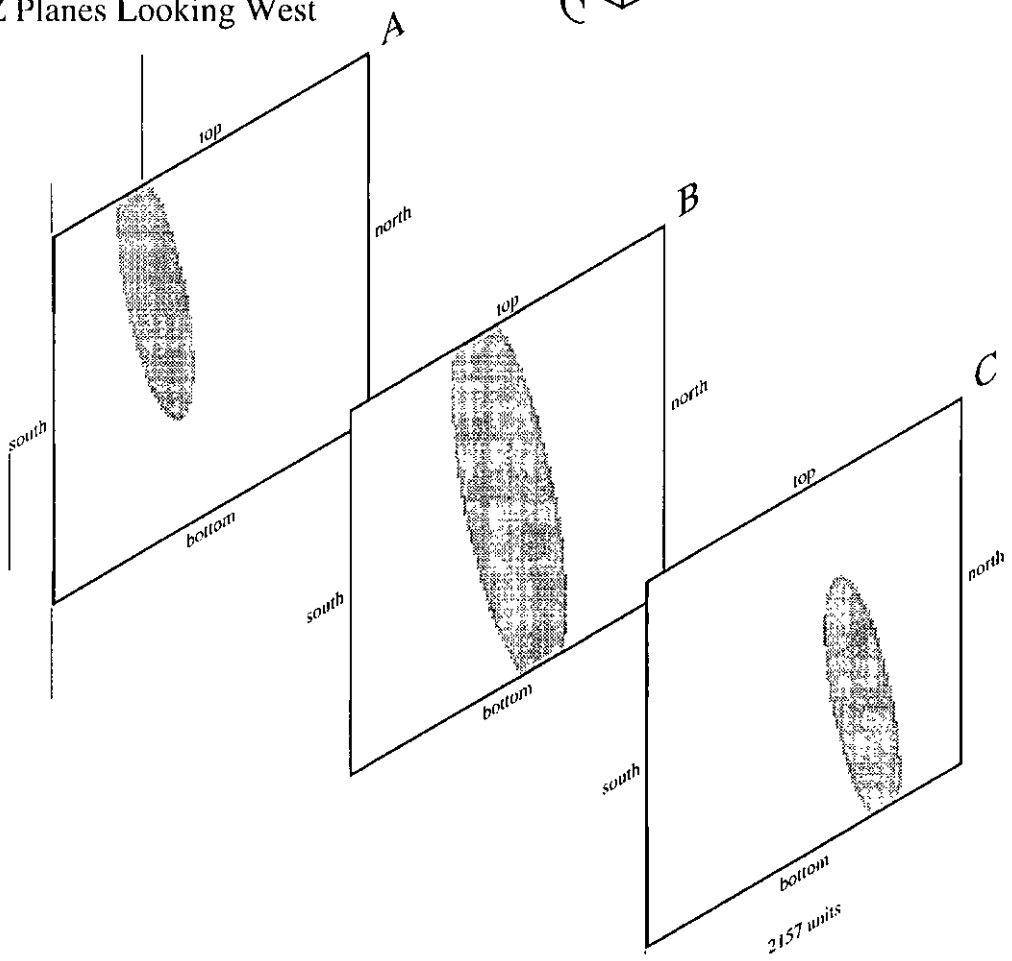
Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

Long Section Views Through the Ellipsoids

Reference Cube

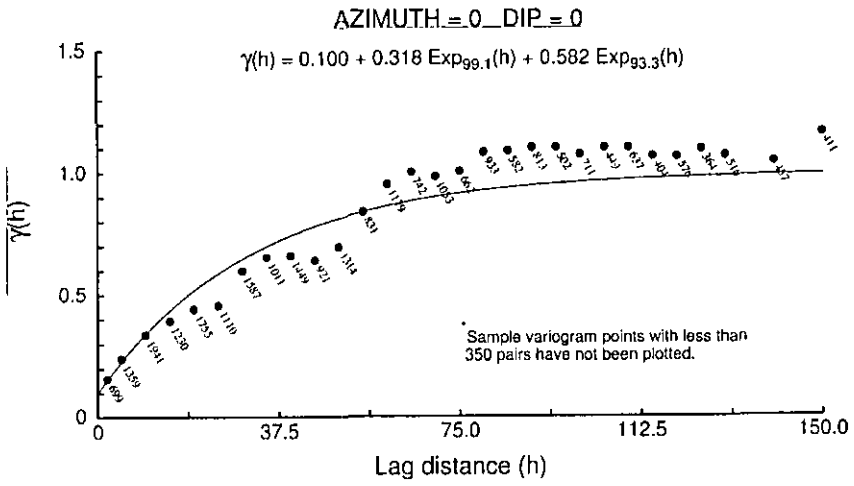


Y-Z Planes Looking West



Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

Au SEV DTH


AZIMUTH = 0 DIP = 0
γ(h) = 0.100 + 0.318 Exp99.1(h) + 0.582 Exp93.3(h)
γ(h)
1.5
1.0
0.5
0
0
37.5
75.0
112.5
150.0
Lag distance (h)
Sample variogram points with less than 350 pairs have not been plotted.

Au SEV DTH

GSLIB Rotation Conventions

Nugget ==> 0.100
C1 ==> 0.318
C2 ==> 0.582

First Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 0
RH Rotation about the X' axis ==> 0
RH Rotation about the Y' axis ==> 0
Range along the Z' axis ==> 99.5 Azimuth ==> 90 Dip ==> 90
Range along the Y' axis ==> 99.5 Azimuth ==> 360 Dip ==> 0
Range along the X' axis ==> 99.5 Azimuth ==> 90 Dip ==> 0

Second Structure -- Exponential with Practical Range

LH Rotation about the Z axis ==> 0
RH Rotation about the X' axis ==> 0
RH Rotation about the Y' axis ==> 0
Range along the Z axis ==> 99.6 Azimuth ==> 90 Dip ==> 90
Range along the X' axis ==> 99.6 Azimuth ==> 90 Dip ==> 0
Range along the Y' axis ==> 99.6 Azimuth ==> 360 Dip ==> 0

Modeling Criteria

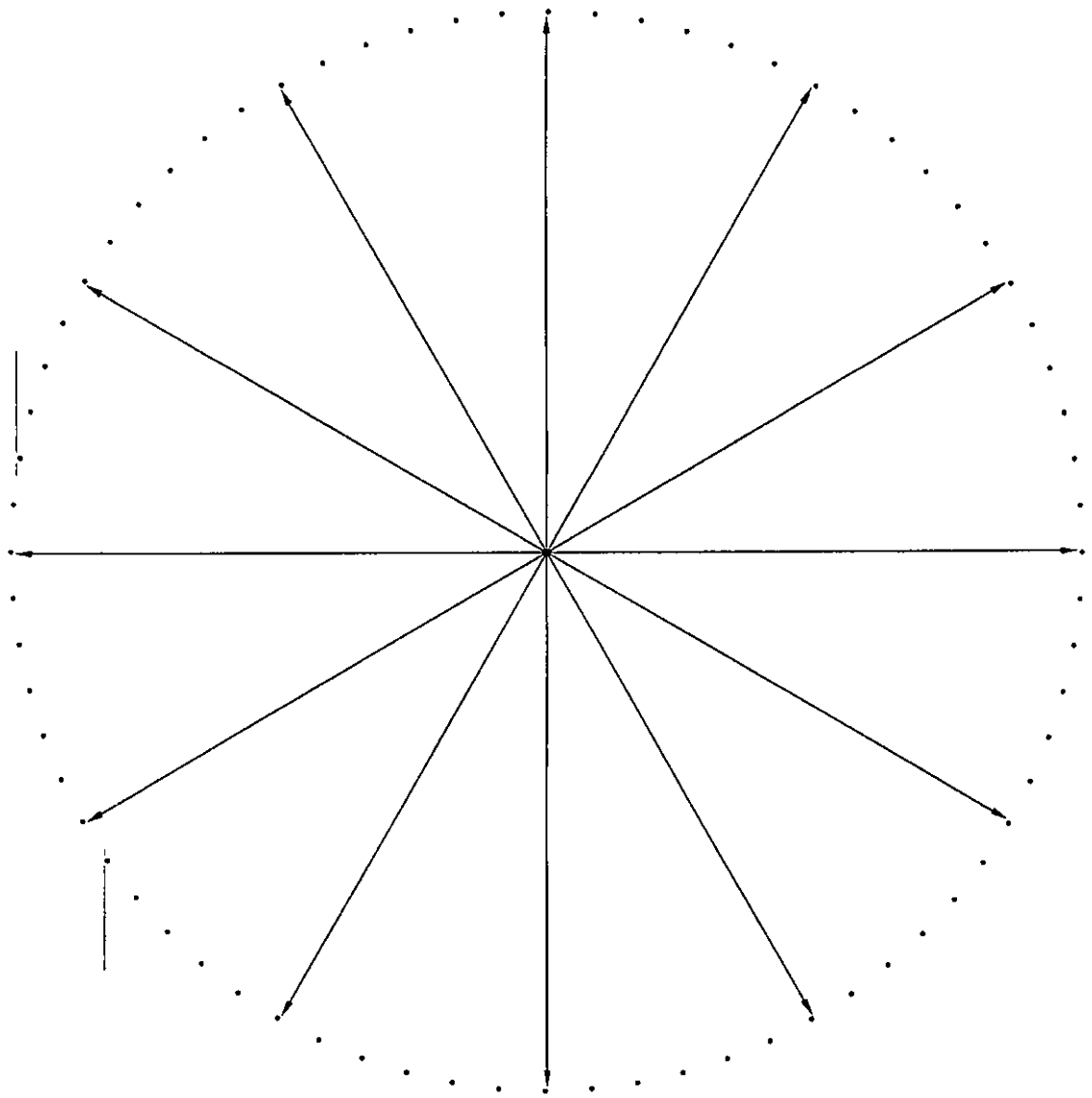
Minimum number pairs req'd ==> 350
Sample variogram points weighted by # pairs

Au SEV DTH

Structure Number 1

Rose Diagram of Ranges Dipping 0 Degrees
Scale:

100 Units

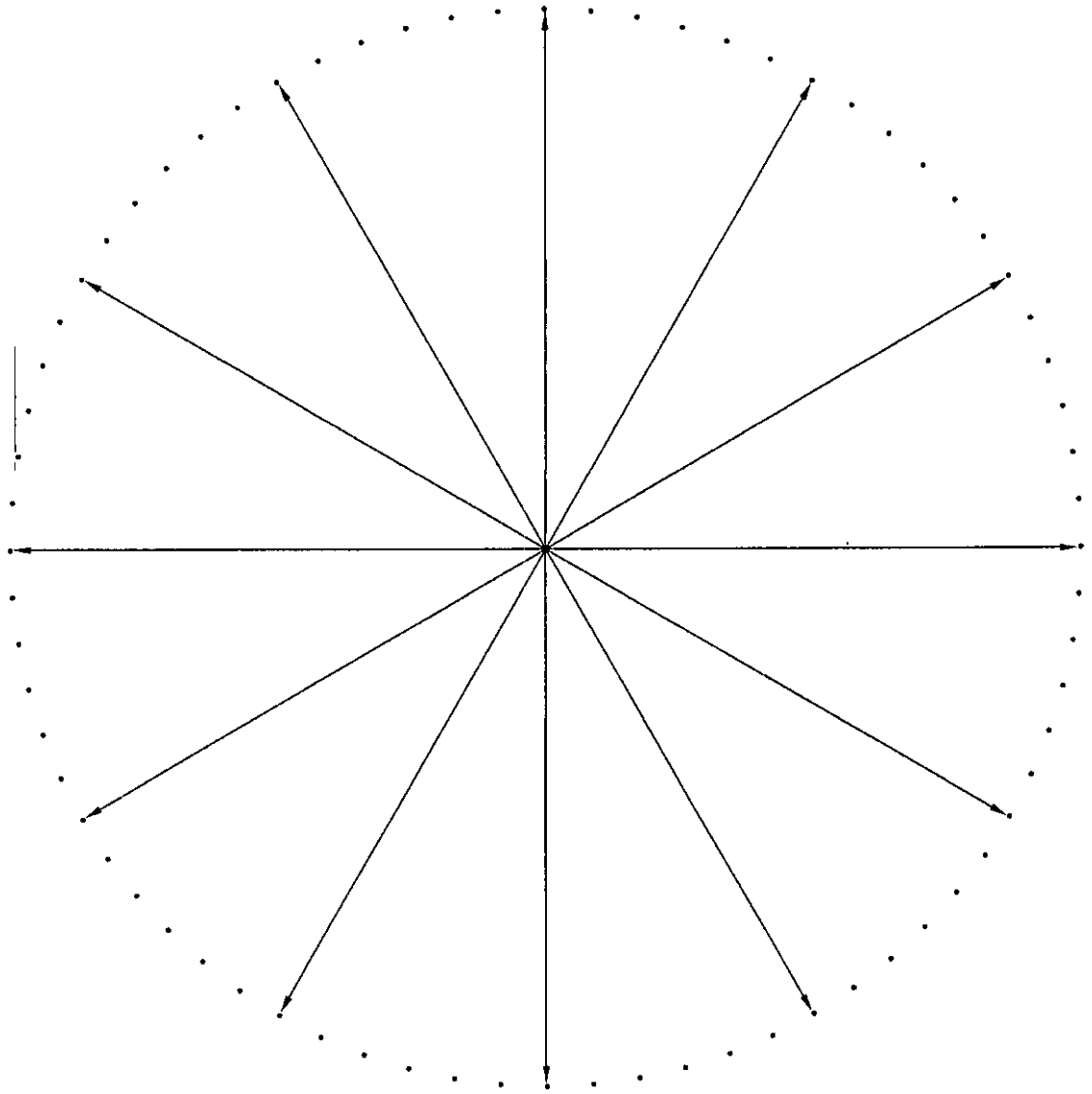


Au SEV DTH

Structure Number 2

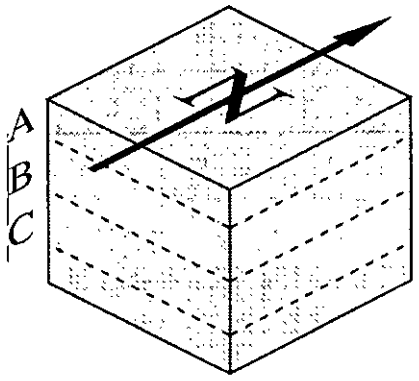
Rose Diagram of Ranges Dipping 0 Degrees
Scale:

90 Units

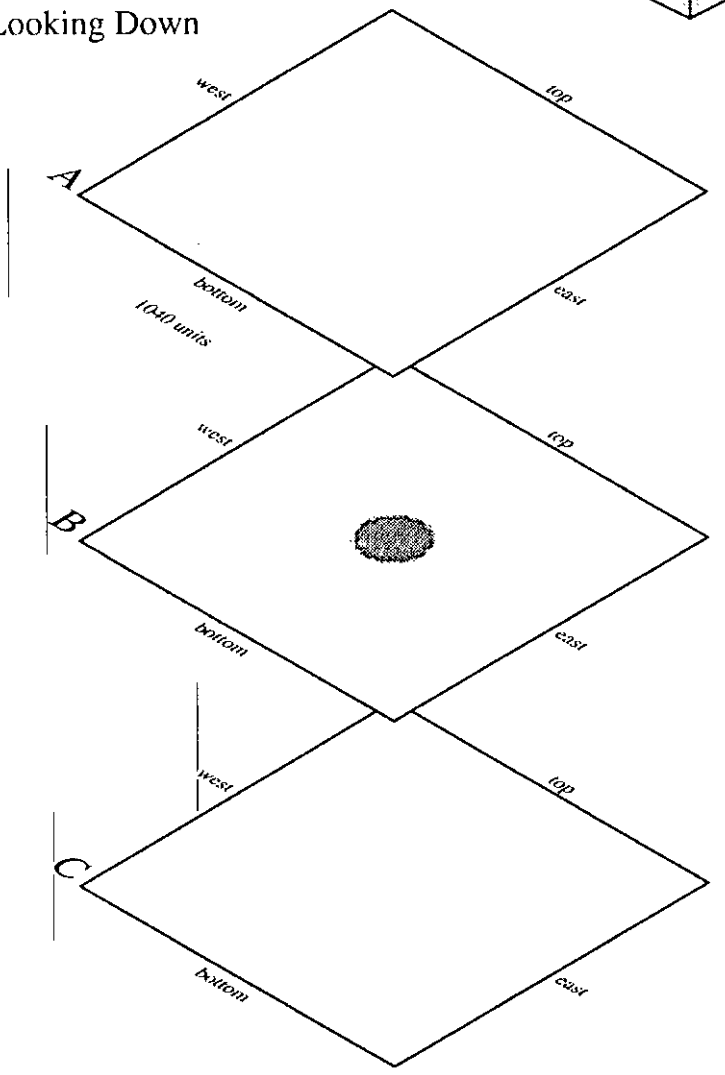


Horizontal Slices Through the Ellipsoids

Reference Cube



X-Y Planes Looking Down



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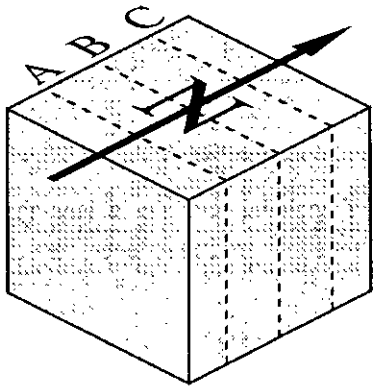
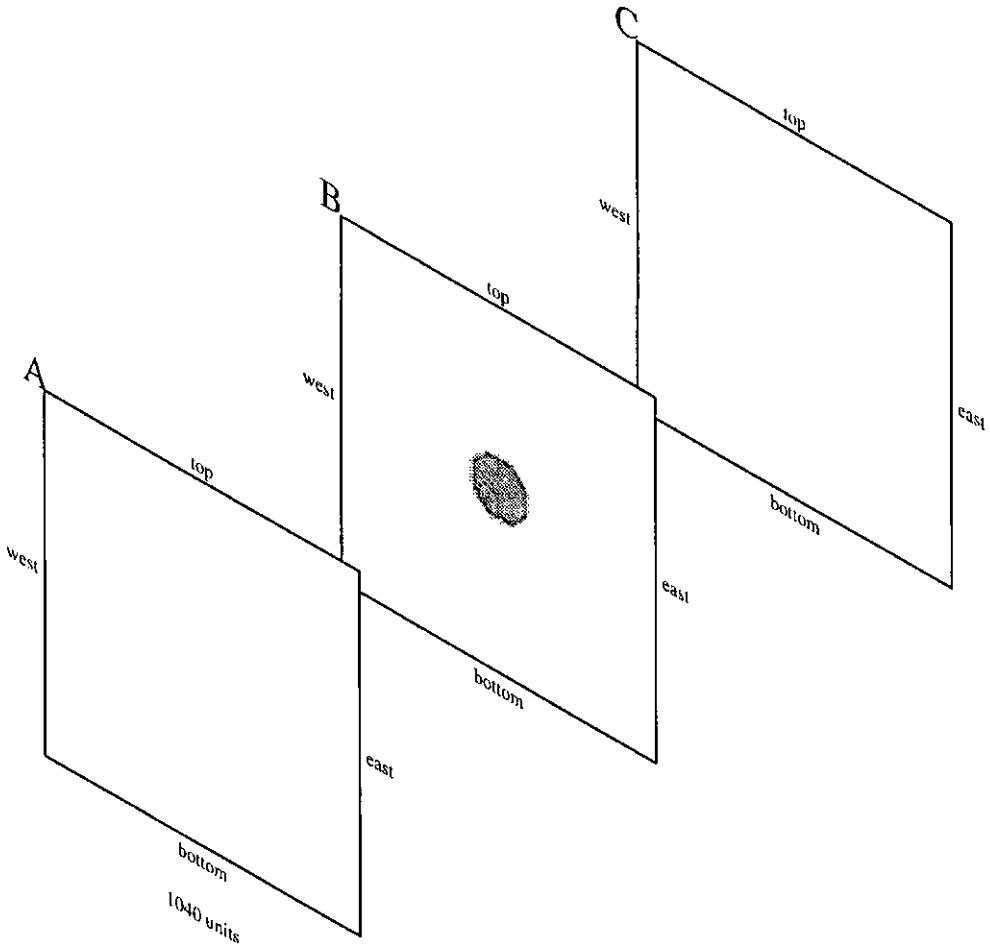
Cross Section Views Through the Ellipsoids

Reference Cube



X-Z Planes Looking North



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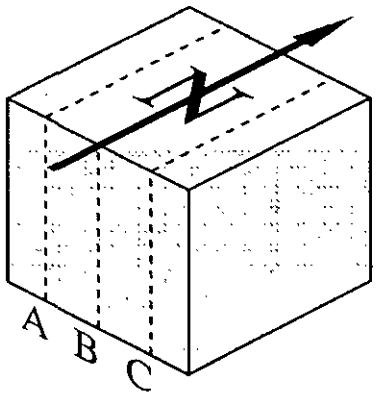
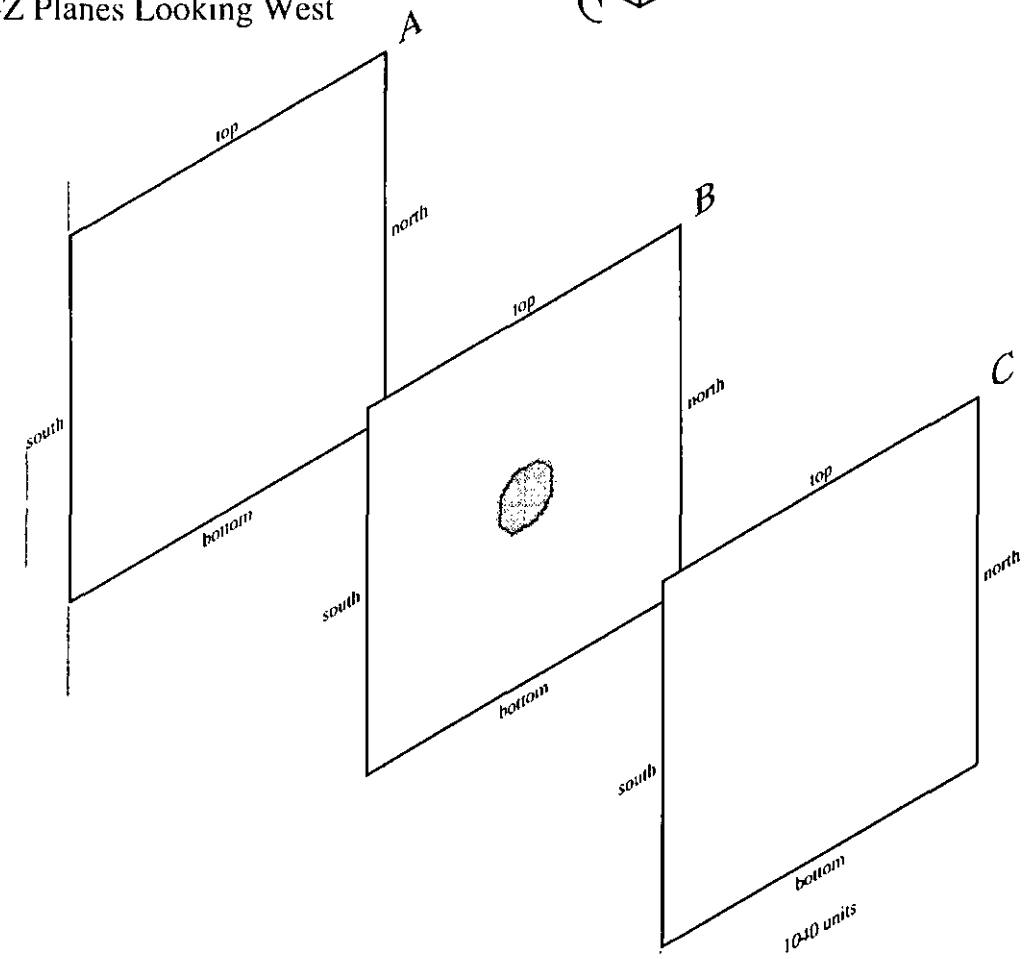
Long Section Views Through the Ellipsoids

Reference Cube



Y-Z Planes Looking West



Note -- the orientation, dip and lengths of the ellipsoid axes in these figures may be "apparent" rather than "true".

News release, filed November 26, 2007

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NEWS RELEASE

SURAMINA CLAIMS LARGE NEW LAND PACKAGE IN CHILE

November 26, 2007...Suramina Resources Inc. ("Suramina") (TSX:SAX) is pleased to announce that as a result of an aggressive project generative campaign in Chile for porphyry Cu-Au and epithermal Ag-Au and polymetallic mineralized systems, the Company has applied for 88 exploration concessions, a number of which have already been granted (please see attached map). The total area of the concessions applied for comprise over 26,100 hectares and were acquired following a detailed analysis of Suramina's database and satellite image processing.

In Region III, 4,500 hectares have been claimed and are located 30 km north of Suramina's Vicuña project located within the premier Maricunga Belt. This gold belt is known to host a number of significant gold deposits, including the Cerro Casale deposit and the Refugio/Verde deposit.

In Region VI, 11,000 hectares have been claimed and are located on the Chilean side of Suramina's Elisa properties located in Argentina and close to the El Planchon international border pass. The Elisa properties exhibit high grade, sedimentary-hosted copper mineralization and Suramina's newly claimed blocks in Chile exhibit similar geological features and have the potential for further discovery.

In Region XI, 10,600 hectares have been claimed southwest of Coeur D'Alene Mining's Cerro Bayo and Fachinal silver-gold mines. These deposits also have similar characteristics to a number of deposits on the Argentina side of the border, including Suramina's Cerro Cuadrado property that is presently under exploration and achieving encouraging results (see Suramina's press release of November 7, 2007).

Suramina has a strong generative team of six geologists that are focused on identifying new opportunities in Chile and Peru and reviewing Suramina's large land holding in Argentina (574,000+ hectares). The team is led by senior geologists that were instrumental in the discovery of the worldclass Veladero deposit that has been put in production by Barrick Gold Corp. Suramina has established a comprehensive geological data base and continues to have success based on its in-house satellite image processing and analysis knowledge. This generative approach has proven extremely successful for the Company over the years and has led to the discovery of a number of mineralized porphyry systems, including the large mineralized camp of Josemaria-Vicuna-Los Helados (see Suramina's website: www.suramina.com).

Suramina's exploration programs are carried out under the direction and management of J. Patricio Jones (PhD) and Craig Feebrey (PhD). Dr. Jones and his team discovered the worldclass Veladero gold deposit in Argentina and was responsible for the initial development of the Bajo de la Alumbrera copper-gold project. Information and results from the exploration programs carried out on Suramina's properties are reviewed by Mr. Paul K. Conibear, P.Eng., a Director of Suramina, who is an appropriately qualified person as defined by National Instrument 43-101. Samples are sent to ALS Chemex labs in Mendoza, Argentina, for analysis using conventional ICP methods with multi-acid digestion. A 50 gram fire assay with AA (atomic absorption) finish is run on all samples for gold. A series of blanks are routinely introduced with each batch of samples. Quality controls include preparation and analysis statistics performed to industry standards.

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Forward-Looking Statements

Certain information regarding the Company set forth in this press release, including the Company's future plans contains forward looking statements that involve substantial known and unknown risks and uncertainties. These forward looking statements are subject to numerous risks and uncertainties, some of which are beyond the Company's and management's control, including but not limited to, the impact of general economic conditions, industry conditions, fluctuation of commodity prices, fluctuation of foreign exchange rates, imperfection of mineral estimates, environmental risks, industry competition, availability of qualified personnel and management, stock market volatility, timely and cost effective access to sufficient capital from internal and external sources. The Company's actual results, performance or achievements could differ materially from those expressed in or implied by, these forward looking statements and accordingly, no assurance can be given that any of the events anticipated to occur or transpire from the forward looking statements will provide any benefits to the Company.

On Behalf of the Board

J. Patricio Jones
President and CEO

For further information, please contact Sophia Shane, Corporate Development, 604-689-7842

SURAMINA RESOURCES INC.

PROPERTY LOCATIONS ARGENTINA/CHILE

Code of conduct, filed November 20, 2007

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2009 MAR 26 A 8:53
OFFICE OF INTERNATIONAL
CORPORATE FINANCE

SURAMINA
Resources Inc.

CODE OF BUSINESS CONDUCT

AND ETHICS

Suramina Resources Inc.

CODE OF BUSINESS CONDUCT AND ETHICS

I. INTRODUCTION

This Code of Business Conduct and Ethics ("Code") covers a range of business practices and procedures. This Code cannot and does not cover every issue that may arise or every situation in which ethical decisions must be made, but rather sets out key guiding principles of conduct and ethics that Suramina Resources Inc. and its subsidiaries (collectively, the "Corporation") expects of its employees, directors and officers (including, without limitation, the Chief Executive Officer and the Chief Financial Officer). All references to "Employees" in this Code includes all employees, directors and officers of the Corporation).

This Code is designed to deter wrongdoing and to promote:

- Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships;
- Avoidance of conflicts of interest, including disclosure to an appropriate person of any material transaction or relationship that reasonably could be expected to give rise to such a conflict;
- Full, fair, accurate, timely and understandable disclosure in reports and documents that the Corporation files with, or submits to, the securities regulators and in other public communications made by the Corporation;
- Compliance with applicable governmental laws, rules and regulations;
- The prompt internal reporting to an appropriate person or persons of violations of this Code;
- Accountability for adherence to this Code.

The Corporation will expect all its employees, officers and directors to comply and act in accordance, at all times, with the principles stated above and the more detailed provisions provided hereinafter. Violations of this Code by an employee or officer or director are grounds for disciplinary action up to and including immediate termination of employment, officership or directorship.

It is not possible to enumerate all of the situations that could result in an actual or apparent violation of this Code. The following areas are, however, of particular concern to the Corporation with respect to the ethical conduct of the Corporation's business.

II. COMPLIANCE WITH LAWS, RULES AND REGULATIONS

The Corporation is strongly committed to conducting its business affairs with honesty and integrity and in full compliance with all laws, rules and regulations applicable to the Corporation's business in the countries in which it operates. Each Employee must at all times respect and obey such laws, rules and regulations, including insider trading laws, and should avoid any situation that could be perceived as improper, unethical or indicate a casual attitude towards compliance with such laws, rules and regulations. Although not all Employees are expected to know the details of these laws, it is important to know enough to determine when to seek advice from appropriate personnel. The Corporation provides all necessary information to its Employees to promote compliance with laws, rules and regulations, including insider-trading laws.

III. INSIDER TRADING

Employees and outside consultants who have access to confidential information are not permitted to use or share that information for stock trading purposes or for any other purpose except the conduct of our business. All non-public information about the Corporation or its partners should be considered confidential information. To use non-public information for personal financial benefit or to "tip" others who might make an investment decision on the basis of this information is not only unethical but also illegal. If you have any questions, please consult the Chairman of the Corporation's Audit Committee.

IV. CONFLICTS OF INTEREST

Any conflict of interest that occurs should be reported directly to the Chairman of the Corporation's Audit Committee. A "conflict of interest" occurs when an individual's private interest interferes in anyway - or even appears to interfere - with the interests of the Corporation as a whole. A conflict situation can arise when an employee, officer or director takes actions or has interests that may make it difficult to perform his or her work objectively and effectively. Conflicts of interest also arise when an employee, officer or director, or a member of his or her family, receives improper personal benefits as a result of his or her position in the Corporation. Loans to, or guarantees of obligations of, such persons are of special concern. Employees shall perform the responsibilities of their positions on the basis of what is in the best interests of the Corporation and free from the influence of personal considerations and relationships.

V. CORPORATE OPPORTUNITIES

Employees are prohibited from (a) taking for themselves personally opportunities that are discovered through the use of Corporation property, information or position; (b) using Corporation property, information, or position for personal gain; and (c) competing with the Corporation. Employees owe a duty to the Corporation to advance its legitimate interests when the opportunity to do so arises.

VI. CONFIDENTIALITY

Employees must maintain the confidentiality of information entrusted to them by the Corporation or its customers, except when disclosure is authorized or legally mandated. Confidential information includes all non-public information that might be of use to competitors or might be harmful to the Corporation or its partners and associates, if disclosed.

VII. FAIR DEALING

The Corporation firmly believes that fair competition is fundamental to the continuation of the free enterprise system. The Corporation complies with and supports laws which prohibit restraints of trade, unfair practices, or abuse of economic power.

The Corporation will not enter into arrangements that unlawfully restrict its ability to compete with other businesses, or the ability of any other business organization to compete freely with the Corporation. The Corporation's policy also prohibits Employees from entering into or discussing any unlawful arrangement or understanding that may result in unfair business practices or anticompetitive behavior.

VIII. PROTECTION AND PROPER USE OF CORPORATE ASSETS

All Employees should endeavour to protect the Corporation's assets and ensure their efficient use. Theft, carelessness and waste have a direct, negative impact on the Corporation's image and profitability. All of the Corporation's assets should only be used for legitimate business purposes.

The obligation of employees to protect the firm's assets includes its proprietary information. Proprietary information includes intellectual property such as business, marketing and corporate development information, plans, engineering and all technical information, databases, records, salary information and any unpublished financial or technical data and reports. Unauthorized use or distribution of this information would violate this Code. It could also be illegal and result in civil or even criminal penalties.

IX. FINANCIAL REPORTING AND RECORDS

The Corporation maintains a high standard of accuracy and completeness in its financial records. These records serve as a basis for managing our business and are crucial for meeting obligations to employees, customers, investors and others, as well as for compliance with regulatory, tax, financial reporting and other legal requirements. Employees, officers, and directors who make entries into business records or who issue regulatory or financial reports, have a responsibility to fairly present all information in a truthful, accurate and timely manner. No employee, officer or director shall exert any influence over, coerce, mislead or in any way manipulate or attempt to manipulate the independent auditors of the Corporation.

The Corporation maintains all records in accordance with laws and regulations regarding retention of business records. The term "business records" covers a broad range of files, reports, business plans, receipts, policies and communications, including hard copy, electronic, audio recording, microfiche and microfilm files whether maintained at work or at home. The Corporation prohibits the unauthorized destruction of or tampering with any records, whether written or in electronic form, where the Corporation is required by law or government regulation to maintain such records or where it has reason to know of a threatened or pending government investigation or litigation relating to such records.

X. USING THIS CODE, WAIVERS AND REPORTING VIOLATIONS

It is the responsibility of all Employees to understand and comply with this Code.

The Board of Directors is ultimately responsible, acting through the Audit Committee for this Code and monitoring compliance with this Code. Any waivers of the provisions of this Code may be granted only by the Board of Directors, if such waiver is for the benefit of a director or senior officer of the Corporation and such waiver shall be disclosed as may be required under applicable securities laws. Waiver for all other employees shall be granted exclusively by the Chief Executive Officer or any other Senior Officer as may be designated by the Audit Committee.

If you observe or become aware of an actual or potential violation of this Code or of any law or regulation, whether committed by the Corporation employees or by others associated with the Corporation, it is your responsibility to report the circumstances as outlined herein and to cooperate with any investigation by the Corporation. This Code is designed to provide an atmosphere of open communication for compliance issues and to ensure that employees acting in good faith have the means to report actual or potential violations.

For assistance with compliance matters and to report actual or potential compliance infractions, employees should contact the Corporate Secretary or Chairman of the Audit Committee. You may also submit reports of violations to this Code in writing on a confidential basis to the Corporate Secretary/Chairman of the Audit Committee in an envelope labeled with a legend such as "To be opened by the Corporate Secretary/Chairman of the Audit Committee only, being submitted pursuant to the Code of Business Conduct and Ethics". You may submit such confidential envelopes directly or via the Chief Executive Officer who shall pass it on forthwith to the Corporate Secretary/Chairman of the Audit Committee. Officers and directors who become aware of any violation to this Code should promptly report them to the Chairman of the Audit Committee or outside legal counsel openly or confidentially (in the manner described above).

Following the receipt of any complaints submitted hereunder, the Corporate Secretary/Chairman of the Audit Committee will investigate each matter so reported and report to the Board which will take corrective disciplinary actions, if appropriate, up to and including termination of employment.

There will be no reprisals against employees, officers and directors for good faith reporting of compliance concerns or violations.

The Corporate Secretary will confidentially retain any complaints received hereunder for a period of seven years.

XI. DISTRIBUTION OF THIS CODE

This Code will be circulated to all directors, officers and employees of the Corporation on an annual basis and whenever changes are made. New directors, officers and employees will be provided with a copy of this Code and advised of its importance.

Approved by the Board: August 9, 2007
Ratified by Audit Committee: November 8, 2007

News release, filed November 7, 2007

SURAMINA Resources Inc.

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info@suramina.com

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NEWS RELEASE

SURAMINA INCREASES KNOWN SILVER-ZINC VEIN SYSTEM AT CERRO CUADRADO AND PREPARES FOR A FURTHER 4,000 METRES OF DRILLING

November 7, 2007...Suramina Resources Inc. ("Suramina") (TSX:SAX) is pleased to announce that further work on its 100% owned Cerro Cuadrado project has significantly increased the extent of the known vein system from the previously reported 6 kilometres to approximately 10 kilometres (see figure). Extensions to Veta Galena, Veta Grande, and Veta Blanca were identified as well as the discovery of another significant structure to the east named Veta Virgen. Importantly, it is now apparent that the Veta Galena veins, that returned excellent silver-zinc (gold) grades in the previous 2 rounds of drilling totaling 1,601 metres, extend for at least 2 kilometres and provide the potential for defining significant polymetallic sulphide mineralization.

Field work has been ongoing in order to better understand the nature of the system, adequately sample the newly discovered structures, and ensure they are included in the database prior to the next round of diamond drilling. In recent field work Suramina has confirmed that outcropping structures that are well exposed at higher elevations clearly formed under low temperatures of formation and represent the upper and relatively shallow part of the epithermal system. Suramina believes this observation is important and encouraging as it indicates that the zone of mineralization is likely to be well preserved at deeper levels, and supports the results obtained to date where high grades of silver and zinc have been intersected in drilling. Currently Suramina's geologists are preparing for the third round of drilling commencing with 4,000 metres that is scheduled to begin in mid-December.

Cerro Cuadrado is an intermediate sulphidation epithermal Ag-Zn-Pb (Au) vein system first discovered by the Company in 2004 during a reconnaissance program in Santa Cruz province, southern Argentina. The country rocks are similar in age and composition to those of the Jurassic Chon Aike Volcanics which host the Cerro Vanguardia gold-silver epithermal vein system, as well as other advanced projects in the same geological region. To date, the company has drilled 14 shallow diamond holes in 1,601 metres and intersected very encouraging silver-zinc-lead-gold values over promising widths (see news release dated August 30, 2007).

Suramina's exploration programs are carried out under the direction and management of J. Patricio Jones (PhD) and Craig Feebrey (PhD). Dr. Jones and his team discovered the worldclass Veladero gold deposit in Argentina and was responsible for the initial development of the Bajo de Alumbrera copper-gold project. Information and results from the exploration programs carried out on Suramina's properties are reviewed by Mr. Paul K. Conibear, P.Eng., a Director of Suramina, who is an appropriately qualified person as defined by National Instrument 43-101. Samples are sent to ALS Chemex labs in Mendoza, Argentina, for analysis using conventional ICP methods with multi-acid digestion. A 50 gram fire assay with AA (atomic absorption) finish is run on all samples for gold. A series of blanks are routinely introduced with each batch of samples. Quality controls include preparation and analysis statistics performed to industry standards.

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Forward-Looking Statements

Certain information regarding the Company set forth in this press release, including the Company's future plans contains forward looking statements that involve substantial known and unknown risks and uncertainties. These forward looking statements are subject to numerous risks and uncertainties, some of which are beyond the Company's and management's control, including but not limited to, the impact of general economic conditions, industry conditions, fluctuation of commodity prices, fluctuation of foreign exchange rates, imperfection of mineral estimates, environmental risks, industry competition, availability of qualified personnel and management, stock market volatility, timely and cost effective access to sufficient capital from internal and external sources. The Company's actual results, performance or achievements could differ materially from those expressed in or implied by, these forward looking statements and accordingly, no assurance can be given that any of the events anticipated to occur or transpire from the forward looking statements will provide any benefits to the Company.

On Behalf of the Board

J. Patricio Jones
President and CEO

For further information, please contact Sophia Shane, Corporate Development, 604-689-7842

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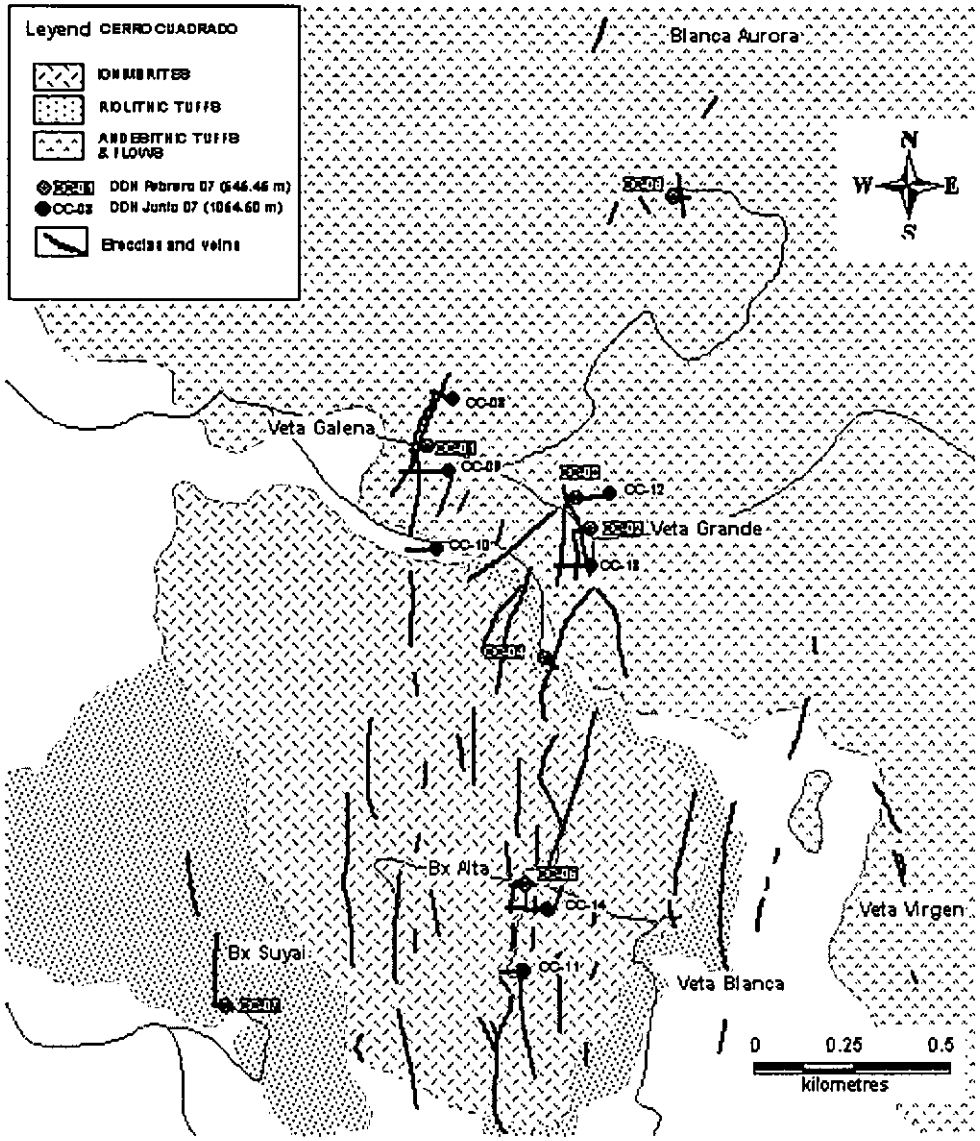

Cerro Cuadrado vein system including location of completed drill holes, geology and access roads.

News release, filed September 26, 2007

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NEWS RELEASE

SURAMINA APPOINTS J. PATRICIO JONES AS PRESIDENT AND CEO

September 26, 2007...Suramina Resources Inc. ("Suramina") (TSX:SAX) is pleased to announce the appointment of Dr. J. Patricio Jones as President, CEO and a Director of the Company effective as of October 1, 2007. Dr. Jones replaces Mr. Paul Conibear who will resign as President and CEO, remaining a Director of the Company.

Dr. Jones brings to the Company over 35 years of highly successful exploration management. Based in Buenos Aires, Argentina, Dr. Jones has particular expertise in the mineral opportunities of South America and has been responsible for the discovery and initial development of some of the world's largest mines including Veladero and Bajo de la Alumbrera. Dr. Jones holds a Master of Science degree in geology from Witwatersrand University and a Doctorate from La Plata University. Dr. Jones spent the early part of his career in the gold and platinum fields of South Africa before joining Inco and then BP Minerals in the early 1980's, heading up several of their highly successful South American exploration programs. With the discovery of three tin mines, Sª Da Onca, Sª Da Cacimba and 14 Abril in Rondonia, Brazil, to the credit of teams led by him, Dr. Jones joined the Lundin Group in the late 1980's and was instrumental in the Group's enormous success in Argentina and Chile.

Lukas Lundin, Chairman of Suramina, commented, "We are very pleased to have Patricio join the Board and head up Suramina's operations as President and CEO. His successful track record is unparalleled and he is truly one of the best minefinders in the industry. Patricio was responsible for the assembly of Suramina's portfolio of top-class exploration assets in Argentina and Chile and we look forward to great success and growth."

Mr. Lundin further commented, "We would like to thank Paul Conibear for his excellent leadership over the past few years and look forward to his continued input in the Company. Paul's resignation as President and CEO will allow him to more fully focus on his role as Senior Vice President – Projects for Lundin Mining Corporation."

The Company also announces the appointment of Dr. Craig Feebrey as Executive Vice President Exploration. Dr. Feebrey specializes in porphyry and epithermal styles of mineralization and has over 14 years experience in project generation, evaluation, and business development in more than 20 countries worldwide, including Central and South America.

On Behalf of the Board

Lukas H. Lundin
Chairman

For further information, please contact Sophia Shane, Corporate Development, 604-689-7842

News release, filed August 30, 2007

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NEWS RELEASE

SURAMINA INTERSECTS 4.40 M OF 994.71 G/T SILVER, 1.96% ZINC AND 1.26% LEAD AT CERRO CUADRADO SILVER/ZINC VEIN SYSTEM

August 30, 2007...Suramina Resources Inc. ("Suramina") (TSX:SAX) is pleased to provide the results from the second diamond drill program on it's 100% owned Cerro Cuadrado Project, Argentina. A total of 1,055.5 metres were drilled in 7 diamond holes and intersected significant silver and zinc grades and confirmed continuation along strike and down dip within three zones and the potential for further Ag-Zn-Pb (Au) mineralization within the 6 kilometre vein system identified to date.

Cerro Cuadrado is an intermediate sulphidation epithermal Ag-Zn-Pb (Au) vein system first discovered in 2004 during a reconnaissance program in Santa Cruz province, southern Argentina. The country rocks are similar in age and composition to those of the Jurassic Chon Aike Volcanics which host the Cerro Vanguardia gold-silver epithermal vein system, as well as other advanced projects in the same geological region. To date, the company has identified a vein system with a total strike length exceeding 6 kilometres with vein widths up to 7 metres. A seven hole, 545.5 metre diamond drill program initially intersected very encouraging silver-zinc-lead-gold values over promising widths (holes CC-01 to CC-07). Given these initial results, an IP and ground magnetic survey covering the known vein system was completed prior to the follow-up diamond drill program reported herein (CC-08 to CC-14). Further work is now being planned in order to increase the zone of known mineralization at Veta Grande and test the large strike length of other veins. Highlights of the recent drill program are presented below and in the attached table.

Veta Galena Zone

- CC08: 3.26m at 109.36g/t silver, 4.63% zinc and 1.83% lead
- CC09: 0.90m at 223.00g/t silver, 21.8% zinc, 5.58% lead and 0.62g/t gold
- CC10: 1.54m at 253.00g/t silver, 0.39g/t gold, 7.92% zinc and 1.80% lead

Veta Grande Zone

- CC13: 6.00m at 111.81g/t Ag, 0.93% zinc and 0.67% lead
- CC13: 0.50m at 12.30g/t silver, 0.12 g/t gold, 12.3% zinc and 2.22% lead
- CC13: 2.20m at 22.00g/t silver, 0.15 g/t gold, 5.68% zinc and 0.97% lead

Brecha Alta Zone

- CC11: 3.90m at 85.11g/t silver, 0.21% zinc and 0.67% lead
- CC14: 4.40m at 994.71g/t silver, 1.96% and 1.26% lead
  including 0.65m at 2,370 g/t silver, 3.58% zinc and 3.88% lead

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At the Veta Galena Zone, three holes were drilled along strike and down dip to test the continuation of mineralization intersected in the previous drill campaign. The results of drilling confirm similar mineralization over a strike length of approximately 525 metres and 130 metres down dip. The Veta Galena vein has been mapped at surface over a strike length of approximately 1,650 metres and remains to be tested in full.

At the Veta Grande Zone, two holes were drilled to test extensions along strike and down dip of the mineralized zone outlined in the first drill program. Hole CC-13 (see attached table) confirms an increase in the width of the mineralized zone and higher grades in both silver and zinc along strike. Multiple veins continue south to the Brecha Alta zone, a distance of approximately 1,250 metres and remains an important target to be tested further.

At the Brecha Alta zone, holes CC-11 and CC-14 were drilled to test down dip and along strike extensions of mineralization intersected previously. Hole CC-14 confirms a significant increase in the width and grade of mineralization down dip, including a 0.65m structure grading 2,370g/t Ag, 3.58% Zn and 3.88% Pb from 154.35 metres, while hole CC-11 confirms similar mineralization along strike, approximately 260m to the south of hole CC-05.

Suramina is excited about the recent results and a third phase of drilling is being organized for the fourth quarter to potentially expand the envelope of known high grade mineralization and to explore the relationship and possible continuity between the Veta Galena, Grande and Brecha Alta zones.

Suramina's exploration programs are carried out under the direction and management of J. Patricio Jones (PhD) and Craig Feebrey (PhD). Dr. Jones and his team discovered the worldclass Veladero gold deposit in Argentina and was responsible for the initial development of the Bajo de Alumbrera copper-gold project. Information and results from the exploration programs carried out on Suramina's properties are reviewed by Mr. Paul K. Conibear, P.Eng., President of Suramina Resources Inc., who is an appropriately qualified person as defined by National Instrument 43-101. Samples are sent to ALS Chemex labs in Mendoza, Argentina, for analysis using conventional ICP methods with multi-acid digestion. A 50 gram fire assay with AA (atomic absorption) finish is run on all samples for gold. A series of blanks are routinely introduced with each batch of samples. Quality controls include preparation and analysis statistics performed to industry standards.

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On Behalf of the Board

Paul K. Conibear
President

For further information, please contact Sophia Shane, Corporate Development, 604-689-7842

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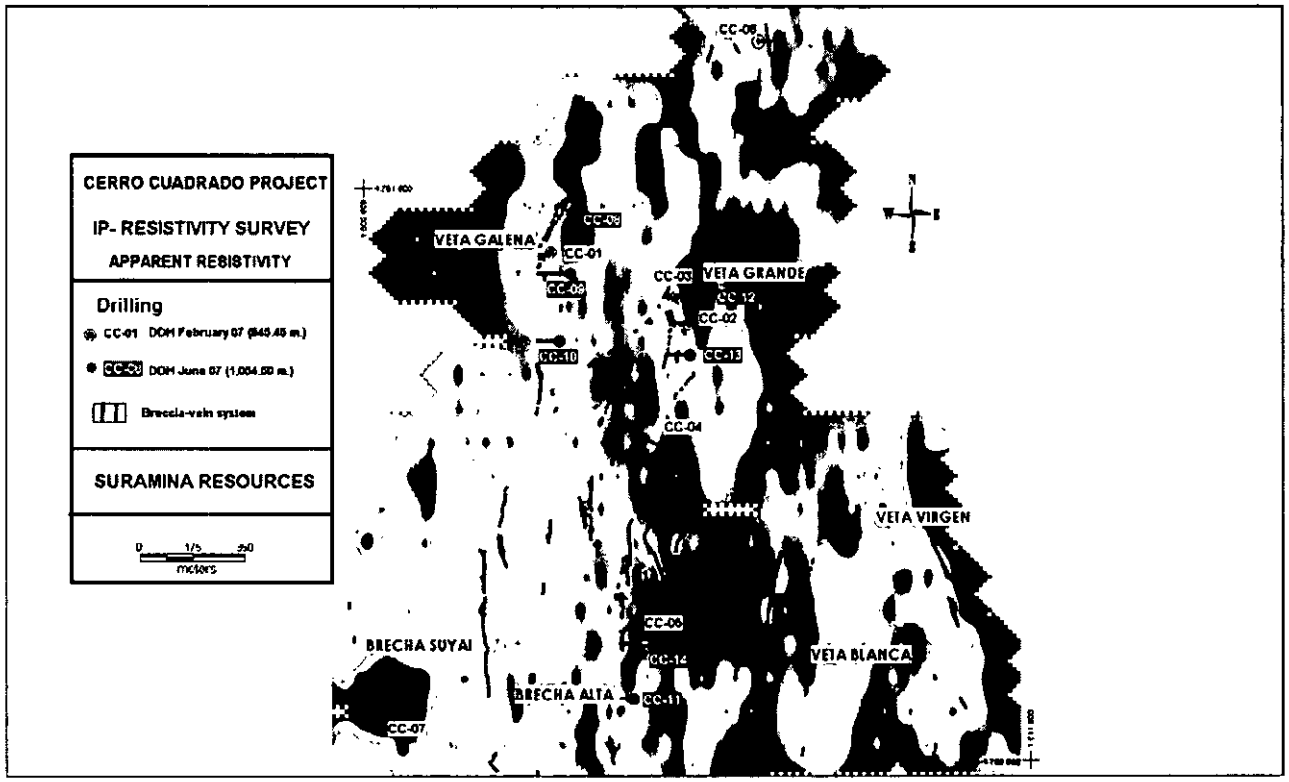

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Holes CC-01 to CC-07 Previously Reported

DDH	DEPTH (m)	INTERVAL* (m)	From (m)	To (m)	g/t Ag	% Zn	% Pb	g/t Au
CC-01	81.00							
		2.05	**23.00**	**25.05**	**338.00**	**4.77**	**2.63**	**0.23**
incl.		1.55	23.50	25.05	494.00	7.08	3.88	0.34
incl.		0.55	24.50	25.05	873.00	10.35	6.80	0.43
		2.30	**70.30**	**72.60**	**79.60**	**11.26**	**1.03**	**<0.1**
incl.		1.40	71.20	72.60	111.10	15.55	1.44	0.13
CC-02	69.20							
		3.30	**21.90**	**25.20**	**84.05**	**2.71**	**0.64**	**0.18**
incl.		2.60	22.60	25.20	96.46	3.02	0.66	0.18
		0.90	**51.50**	**52.40**	**38.90**	**2.06**	**1.91**	**<0.1**
CC-03	64.30							
		4.45	**24.45**	**28.90**	**18.80**	**1.93**	**0.60**	**<0.1**
incl.		2.35	26.55	28.90	20.95	3.10	0.99	<0.1
incl.		0.55	26.55	27.10	58.10	7.30	3.15	0.12
		0.40	**49.30**	**49.70**	**28.60**	**4.55**	**1.42**	**0.13**
		1.60	**60.40**	**62.00**	**10.10**	**1.16**	**0.30**	**0.12**
CC-04	75.20							
		0.50	**34.60**	**35.10**	**14.10**	**1.79**	**0.57**	**0.12**
		0.95	**72.05**	**73.00**	**9.60**	**1.06**	**0.20**	**0.17**
CC-05	81.30							
		3.70	**23.70**	**27.40**	**172.00**	**0.61**	**0.33**	**<0.1**
incl.		0.75	23.70	24.45	353.00	0.60	0.25	0.25
incl.		0.55	25.45	26.00	229.00	0.86	0.68	0.03
		1.80	**41.00**	**42.80**	**190.00**	**1.95**	**0.40**	**<0.1**
incl.		0.90	41.40	42.30	441.00	4.34	0.84	<0.1
CC-06	66.10							
		0.25	**15.10**	**15.35**	**63.90**	**7.65**	**4.58**	**0.27**
		0.50	**34.90**	**35.40**	**10.10**	**1.51**	**0.67**	**<0.1**
CC-07	108.45							
		1.00	**26.05**	**27.05**	**53.00**	**2.19**	**0.92**	**<0.1**
		0.50	**56.10**	**56.60**	**1880.00**	**2.18**	**1.28**	**<0.1**
		0.25	**59.40**	**59.65**	**248.00**	**3.62**	**0.56**	**<0.1**
		1.70	**69.45**	**71.15**	**8.10**	**3.80**	**1.08**	**<0.1**
		1.40	**94.50**	**95.90**	**270.00**	**0.43**	**0.34**	**<0.1**
CC-08	*103.00*							
		3.26	**40.80**	**44.06**	**109.36**	**4.63**	**1.83**	**<0.1**
incl.		0.20	40.80	41.00	28.20	9.44	0.32	<0.1
incl.		0.80	43.26	44.06	433.00	16.00	7.34	<0.1

*Intersections are drilled widths, not true widths. True widths are less than drilled intersections.

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DDH	DEPTH (m)	INTERVAL* (m)	From (m)	To (m)	g/t Ag	% Zn	% Pb	g/t Au
CC-09	*200.00*	(m)	(m)	(m)				
		2.70	**77.50**	**80.20**	**214.00**	**11.82**	**2.78**	**0.34**
incl.		0.90	78.40	79.30	223.00	21.80	5.58	0.62
		1.82	**167.68**	**169.50**	**12.84**	**1.94**	**0.32**	**0.14**
		4.85	**181.65**	**186.50**	**13.43**	**2.24**	**0.52**	**<0.1**
incl.		0.80	181.65	182.45	26.20	3.02	0.55	0.12
incl.		0.83	183.45	184.28	21.40	7.30	1.78	0.18
incl.		0.50	186.00	186.50	27.30	2.18	0.52	0.01
CC-10	*131.20*							
		1.54	**46.13**	**47.67**	**253.00**	**7.92**	**1.80**	**0.39**
CC-11	*101.90*							
		1.60	**46.70**	**48.30**	**118.62**	**0.67**	**0.27**	**<0.1**
incl.		0.60	46.70	47.30	153.00	1.20	0.52	0.12
		3.90	**50.00**	**53.90**	**85.11**	**0.21**	**0.07**	**0.02**
incl.		0.70	53.20	53.90	132.00	0.22	<0.1	<0.1
CC-12	*197.80*	*without significant values*						
CC-13	*148.80*							
		0.83	**8.17**	**9.00**	**134.00**	**4.95**	**1.31**	**0.12**
		6.00	**19.00**	**25.00**	**111.81**	**0.93**	**0.23**	**0.17**
incl.		1.00	19.00	20.00	153.00	0.93	0.61	<0.1
incl.		1.00	20.00	21.00	169.00	0.61	0.22	0.15
incl.		1.00	23.00	24.00	160.00	0.18	1.06	0.20
		0.50	**65.20**	**65.70**	**110.00**	**12.30**	**2.22**	**0.12**
		0.94	**99.90**	**100.84**	**22.20**	**2.43**	**1.13**	**<0.1**
		2.20	**115.20**	**117.40**	**22.00**	**5.68**	**0.97**	**0.15**
incl.		1.00	115.20	116.20	39.30	10.65	1.94	0.24
		0.75	**131.65**	**132.40**	**13.40**	**2.53**	**0.35**	**0.17**
CC-14	*172.80*							
		1.51	**57.46**	**58.96**	**138.00**	**0.30**	**<0.1**	**<0.1**
		0.50	**83.45**	**83.95**	**179.00**	**0.97**	**<0.1**	**<0.1**
		0.55	**137.75**	**138.25**	**684.00**	**0.75**	**<0.1**	**<0.1**
		4.40	**154.35**	**158.75**	**994.71**	**1.96**	**1.26**	**<0.1**
incl.		0.65	154.35	155.00	2370.00	3.58	3.88	<0.1
incl.		1.00	155.00	156.00	884.00	2.09	1.36	<0.1
incl.		1.00	156.00	157.00	772.00	1.34	0.50	<0.1
incl.		1.00	157.00	158.00	722.00	1.27	0.45	<0.1
incl.		0.75	158.00	158.75	611.00	2.16	0.99	<0.1
		1.00	**161.00**	**162.00**	**26.00**	**1.52**	**0.43**	**<0.1**
		1.00	**163.00**	**164.00**	**97.60**	**0.68**	**0.17**	**<0.1**

*Intersections are drilled widths, not true widths. True widths are less than drilled intersections.

Interim financial statements for the six months ended June 30, 2007 and 2006,
filed August 14, 2007

SURAMINA RESOURCES INC.
INTERIM CONSOLIDATED BALANCE SHEETS
(In US Dollars)
(unaudited)

As at	June 30, 2007 (unaudited)	December 31 2006
ASSETS		
Current assets		
Cash and cash equivalents	$ 1,386,475	$ 1,160,034
Accounts receivable	424,434	689,386
Supplies inventory	1,303	4,982
	1,812,212	1,854,402
Mineral properties and related expenditures	16,995,815	13,985,900
Fixed assets, net	375,461	398,273
	$ 19,183,488	**$ 16,238,575**
LIABILITIES		
Current liabilities		
Accounts payables and accrued liabilities	$ 437,717	$ 268,526
Advances from joint venturer	-	700,751
	437,717	969,277
EQUITY		
Share capital: 100 Class A shares (note 4)	1	-
Owner contributions (note 4)	29,167,875	24,755,293
Deficit	(10,422,105)	(9,485,995)
	18,745,771	15,269,298
	$ 19,183,488	**$ 16,238,575**

Transfer of assets - note 1
Nature of operations - note 2
Subsequent events -notes 4 and 5

Approved by the Board:

/s/ William A. Rand
Director

/s/ Paul K. Conibear
Director

SURAMINA RESOURCES INC.
INTERIM CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE LOSS
(In US Dollars)
(unaudited)

	Three Months Ended		Six Months Ended	
	June 30, 2007	June 30, 2006	June 30, 2007	June 30, 2006
Expenses				
Consulting	$ 41,322	$ 8,667	$ 58,122	$ 30,368
General exploration and project investigation	332,698	174,111	593,232	244,862
Interest and bank charges	1,018	155	1,109	460
Management fees	7,928	4,812	12,797	9,489
Office and general	2,314	(2,226)	17,020	7,181
Professional fees	9,711	10,827	35,464	28,932
Promotion and public relations	13,749	62,877	28,866	77,068
Stock based compensation	-	-	50,163	-
Wages and benefits	8,710	6,475	41,171	13,045
	417,450	**265,698**	**837,944**	**411,406**
Other expense (income)				
Interest income	(10,983)	9,994	(20,744)	(888)
Foreign exchange loss (gain)	3,638	(15,098)	31,004	93,663
Other expense	54,853	-	55,646	-
Write-off of mineral property interests	32,260	202	32,260	1,227
Net loss and comprehensive loss	**$ 497,218**	**$ 260,796**	**$ 936,110**	**$ 505,408**

SURAMINA RESOURCES INC.
INTERIM CONSOLIDATED STATEMENTS OF DEFICIT
(In US Dollars)
(unaudited)

	Three Months Ended		Six Months Ended	
	June 30, 2007	June 30, 2006	June 30, 2007	June 30, 2006
Deficit, beginning of the period	$ 9,924,887	$ 6,585,726	$ 9,485,995	$ 6,341,114
Net loss	497,218	260,796	936,110	505,408
Deficit, end of the period	**$ 10,422,105**	**$ 6,846,522**	**$ 10,422,105**	**$ 6,846,522**

SURAMINA RESOURCES INC.
INTERIM CONSOLIDATED STATEMENTS OF CASH FLOWS
(In US Dollars)
(unaudited)

	Three Months Ended		Six Months Ended	
	June 30, 2007	June 30, 2006	June 30, 2007	June 30, 2006
Cash flows from (used in) operating activities				
Net loss for the period	$ (497,218)	$ (260,796)	$ (936,110)	$ (505,408)
Items not affecting cash:				
Stock based compensation expense	-	-	50,163	-
Unrealized foreign exchange loss (gain)	3,638	(15,098)	31,004	93,663
Write-off of mineral property interests	32,260	202	32,260	1,227
	(461,320)	(275,692)	(822,683)	(410,518)
Net changes in non-cash working capital items				
Accounts receivable and other current assets	404,081	(300,341)	403,382	(312,073)
Accounts payable and accrued liabilities	(126,102)	(790,590)	(61,672)	30,864
	(183,341)	**(1,366,623)**	**(480,973)**	**(691,727)**
Cash flows from (used in) investing activities				
Mineral properties and related expenditures	(603,165)	(445,703)	(3,174,735)	(3,983,900)
Advances from joint venturer	(94,901)	(334,158)	(700,751)	(924,967)
Option payments received	(513,970)	53,029	292,446	1,016,683
Purchase of fixed assets	(13,075)	(35,674)	(40,962)	(88,233)
	(1,225,111)	**(762,506)**	**(3,624,002)**	**(3,980,417)**
Cash flows from (used in) financing activities				
Share capital	1	-	1	-
Capital contributions	1,874,646	1,630,350	4,362,419	3,660,251
	1,874,647	**1,630,350**	**4,362,420**	**3,660,251**
Effect of exchange rates on cash and cash equivalents	(3,638)	15,098	(31,004)	(93,663)
Increase in cash and cash equivalents	**462,557**	**(483,681)**	**226,441**	**(1,105,556)**
Cash and cash equivalents, beginning of the period	923,918	709,539	1,160,034	1,331,414
Cash and cash equivalents, end of the period	**$ 1,386,475**	**$ 225,858**	**$ 1,386,475**	**$ 225,858**

SURAMINA RESOURCES INC.
INTERIM CONSOLIDATED SCHEDULE OF MINERAL PROPERTIES AND RELATED EXPENDITURES
(In US Dollars)
(unaudited)

	San Juan Argentina	Patagonia Argentina	La Rioja Argentina	Mendoza Argentina	CVRD Argentina	Jogmec Argentina/Chile	Properties Chile	Total
Argentina and Chile								
Balance, December 31, 2006	$ 8,268,433	$ 2,706,674	$ 1,486,521	$ 1,037,668	$ -	$ 344,143	$ 142,461	$ 13,985,900
Professional fees	271,679	138,098	33,386	41,593	122,440	77,090	7,165	691,451
Acquisition, permits and taxes	40,178	39,139	6,389	58,255	32,235	488,742	16,487	681,425
Transport and travel	71,902	63,164	11,917	7,976	6,436	53,666	-	215,061
Office and general	209,255	109,495	34,206	27,707	33,406	94,763	-	508,832
Technical and field staff	194,927	53,095	40,609	134	3,064	29,395	-	321,224
Geophysical, staking and maps	10,040	51,905	27,527	-	-	41,831	-	131,303
Excavation	88,075	78,347	27,939	-	16,419	44,286	-	255,066
Sampling and testing	42,734	45,336	3,971	5,154	2,164	14,815	-	114,174
Drilling	496,663	225,793	60,902	-	-	-	-	783,358
Environmental/social development	11,061	1,375	3,070	47,226	5,695	445	-	68,872
Value added and bank taxes	103,247	99,942	17,962	13,601	14,728	38,612	-	288,092
	1,539,761	905,689	267,878	201,646	236,587	883,645	23,652	4,058,858
Option payments received	(91,765)	-	-	-	(200,681)	(724,237)	-	(1,016,683)
Incurred during the period	1,447,996	905,689	267,878	201,646	35,906	159,408	23,652	3,042,175
Write-off of mineral properties			-	(32,260)	-	-	-	(32,260)
Balance, June 30, 2007	$ 9,716,429	$ 3,612,363	$ 1,754,399	$ 1,207,054	$ 35,906	$ 503,551	$ 166,113	$ 16,995,815

SURAMINA RESOURCES INC.
NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS
FOR THE SIX MONTHS ENDED JUNE 30, 2007
(Amounts expressed in US Dollars, unless otherwise indicated)
(unaudited)

1. Basis of Presentation

Suramina Resources Inc. ("Corporation") was incorporated as a federal Corporation under the Canada Business Corporations Act with unlimited share capital on April 5, 2007.

The unaudited interim consolidated financial statements of the Corporation, reflect the financial position, statements of operations and deficit and cash flows of the South American assets of Tenke Mining Corp. ("Tenke") presented under the continuity of interests basis of accounting whereby the balance sheet amounts are based on the amounts recorded by Tenke. The statements of operations include an allocation of Tenke's general and administrative expenses for each period presented. The allocation of general and administrative expenses was calculated on a reasonable basis as determined by management. No allocation has been provided with respect to the opening deficit for transactions prior to January 1, 2005. Management cautions readers of these interim consolidated financial statements that the allocation of expenses does not necessarily reflect future general and administrative expenses.

The unaudited interim consolidated financial statements of the Corporation are prepared in accordance with Canadian generally accepted accounting principles using the same accounting policies and methods of application as those disclosed in the Corporation's audited consolidated financial statements for the year ended December 31, 2006, with the exception of changes in accounting policies described in note 3.

These unaudited interim consolidated financial statements do not contain all of the information required by generally accepted accounting principles for annual financial statements and therefore should be read in conjunction with the audited consolidated financial statements included in the Joint Disclosure Booklet of Lundin Mining Corporation and Tenke as filed on SEDAR by the Corporation on July 3, 2007.

While these unaudited interim consolidated financial statements have been prepared on a going concern basis which assumes the realization of assets and liquidation of liabilities in the normal course of business, there are conditions that cast significant doubt on the validity of this assumption. As at June 30, 2007, the Corporation has working capital of $1.4 million and no sources of funding, other than Tenke. The Corporation's ability to continue as a going concern is dependent on the ability of the Corporation to raise equity financing and to attain profitable operations. If the use of the going concern assumption was not appropriate, the changes to these financial statements would be material.

2. Nature of Operations

The Corporation, together with its subsidiaries, is engaged in exploring, acquiring and developing precious and base metal properties in South America. The Corporation has wholly owned copper/gold mineral concessions and options under active exploration to acquire interests in various properties located in Argentina and Chile.

The recoverability of the cost of mineral properties and related deferred exploration expenditures is dependent upon the Corporation's ability to discover economically recoverable reserves, preserve its interest in the underlying mineral claims, obtain necessary financing to complete its projects, and attain future profitable production or alternatively, upon the Corporation's ability to dispose of its interests on an advantageous basis. Changes in future conditions could require material reductions in the carrying amount of mineral properties and related fixed assets.

The mineral properties are also subject to title and sovereign risks, including political and economic instability, government regulations relating to mining, military repression, civil disorder, currency fluctuations and inflation, all or any of which may impede the Company' activities or may result in the impairment or loss of part or all of the Corporation' interest in the properties.

3. Changes in Accounting Policies

Effective January 1, 2007, the Corporation adopted the following new accounting standards issued by the Canadian Institute of Chartered Accountants:

(a) Section 3855 – Financial Instruments – Recognition and Measurement. Section 3855 requires that all financial assets, except those classified as held to maturity, and derivative financial instruments, must be measured at fair value. All financial liabilities must be measured at fair value when they are classified as held for trading; otherwise, they are measured at cost. Investments classified as available for sale are reported at fair market value (or mark to market) based on quoted market prices with unrealized gains or losses excluded from earnings and reported as other comprehensive income or loss. Investments subject to significant influence are reported at cost and not adjusted to fair market value.

(b) Section 1530 – Comprehensive Income. Comprehensive Income is the change in the Corporation's net assets that results from transactions, events and circumstances from sources other than the Corporation's shareholders and includes items that would not normally be included in net earnings such as unrealized gains or losses on available-for-sale investments. Other comprehensive income includes the holding gains and losses from available for sale securities which are not included in net income (loss) until realized.

The adoption of these new accounting standards did not impact the opening balance sheet as at January 1, 2007 or net loss for the six months ended June 30, 2007. As a result, comprehensive loss is equal to net loss and there are no other comprehensive income items to be recorded.

4. Owner Contributions

For the period from January 1, 2007 to June 30, 2007 owner contributions were provided by Tenke in the form of cash funding, allocation of cash costs and allocation of stock-based compensation expense as follows:

Balance, December 31, 2006	$	24,755,293
Owner cash contributions		4,113,808
Owner allocated costs:		
Cash costs		248,611
Stock-based compensation		50,163
Balance, June 30, 2007	**$**	**29,167,875**

As at June 30, 2007 there were 100 Class A shares outstanding. Subsequent to June 30, 2007, the 100 class A shares outstanding were cancelled and 60,937,329 common shares were issued pursuant to the Arrangement.

As at June 30, 2007 there were no stock options outstanding. On July 5, 2007, options to acquire 2,000,000 shares were granted with an exercise price of $0.98 per share expiring July 5, 2010.

5. Subsequent Event

On July 3, 2007, a Plan of Arrangement (the "Arrangement"), approved by shareholders on June 18, 2007, to combine the Tenke and Lundin Mining Corporation ("Lundin Mining") closed. Pursuant to the Arrangement all Tenke common shares tendered on closing were automatically exchanged on the basis of 1.73 Lundin Mining common shares for each Tenke common share.

Pursuant to the Arrangement, Tenke conveyed its South American assets and cash in the amount of $5 million to Suramina. The shares of Suramina were distributed to Tenke shareholders pursuant to the Arrangement and commenced trading on the TSX on July 5, 2007.

Second Quarter Report for the period ended June 30, 2007, filed August 14, 2007

SURAMINA RESOURCES INC.
Second Quarter Report

For the Period Ended June 30, 2007

The Board of Directors is pleased to present the following report to shareholders on the activities of Suramina Resources Inc. ("Suramina" or the "Company") during the second quarter period ended June 30, 2007.

Suramina shares began trading on the Toronto Stock Exchange under the symbol "SAX" on July 5, 2007. Initial distribution of Suramina shares was pursuant to a plan of arrangement between Lundin Mining Corporation and Tenke Mining Corp. ("Tenke") which became effective as of July 3, 2007. In accordance with the plan of arrangement, Tenke's South American assets and US $5 million cash were conveyed to Suramina and Suramina shares were distributed to Tenke shareholders on a one-for-one basis.

South American Copper/Gold Exploration

Suramina's land package in Argentina and Chile encompasses over one million hectares and covers many key prospective gold and base metal regions in the central and southern part of Argentina and central Chile.

There are 3 main types of mineralization targeted throughout the project areas:

Porphyry copper/gold mineralization
High/low sulphidation bulk tonnage disseminated copper/gold mineralization
Low sulphidation gold vein and base metal systems

The Company carries out its exploration programs primarily out of field offices in San Juan and Bariloche, Argentina and has a key operational office in Buenos Aires.

In addition, the Company has begun to evaluate properties in several other South American countries as part of an initiative to expand and diversify its copper/gold exploration activities, including several projects in Ecuador, Columbia and Chile. Suramina maintains a significant technical team on staff and additional senior staff were added to provide depth to Suramina's expanding exploration initiatives.

During the quarter, the 2007 drilling campaign was completed at the Josemaria (San Juan, Argentina), Los Helados (Region III, Chile) and Cerro Cuadrado (Santa Cruz, Argentina) projects. Data compilation and geologic interpretation continued throughout the quarter and budgets and work programs were organized for additional drilling at these and four other projects. A second phase of drilling at Cerro Cuadrado was mobilized at the end of June and will be completed in July.

Josemaria – Argentina

The Josemaria Project (earning 100%) is the Company's most advanced project in Argentina. Josemaria is located in San Juan Province, northwest Argentina, at elevations ranging from 3,900 to 4,700 metres above sea level.

Mineralization at Josemaria is controlled by the interaction of regional NNE and WNW fracture systems, and hosted in andesitic to dacitic volcanic units of middle Tertiary age. Characteristic minerals are pyrite, chalcopyrite and bornite, disseminated and in quartz veinlets.

Based on 13,697 metres of reverse circulation and diamond drilling at the project, Josemaria has an inferred resource of 374 million tonnes at 0.40% TCu and 0.29 g/t Au at a 0.30% Cu cutoff. Reference is made to the report entitled "Preliminary Resource Estimate for the Josemaria Project, San Juan Province, Argentina" dated January 23, 2006 prepared by Messrs. John Nilsson, P.Eng. and Mario E. Rossi, Min.

Eng., MSc. (the "Josemaria Project Report"), in accordance with NI 43-101, a copy of which is available on SEDAR at www.sedar.com.

Since then, significant additional drilling was carried out on the project. New areas of disseminated mineralization of similar grades and depths were encountered extending the northwest boundary of the previously defined resource.

An update of the NI 43-101 mineralized resource will be completed over the next few months and initial scoping evaluations will be performed.

Cerro Cuadrado – Santa Cruz Province, Argentina

Cerro Cuadrado (100% interest) is a poly-metallic epithermal vein-breccia system first discovered by Tenke in 2004 during a reconnaissance program on several gold target areas in Santa Cruz province in southern Argentina. The project which has returned high grade silver values from a first phase of drilling is located along a Jurassic volcanic trend referred to as the El Bagual Belt. The country rocks are similar in age and composition to those of the Jurassic Chon Aike Volcanics which host the Cerro Vanguardia gold/silver vein system as well as other advanced projects in the same geological region. Precious and base metal mineralized intervals are associated with epithermal-mesothermal vein-breccia systems with isolated outcrops.

In late 2006, Tenke carried out an extensive sampling and mapping program on the property which outlined a sizeable target area. Mineralization occurs over a strike length exceeding 6 kilometres with widths averaging 1.5 metres and up to 7 metres. Channel samples averaged 130 grams per tonne silver from 250 samples. Tenke followed up on these results with an initial scout drilling program comprising approximately 546 metres of core drilling in seven holes. Suramina is now developing an expanded exploration program based on the positive results received including geophysics and detailed mapping as a basis for the next phase of drilling scheduled for the third quarter.

Los Helados – Region III, Chile

Los Helados (60% interest) is a new copper/gold/molybdenum porphyry discovery in Region III, Chile just east of Copiapo. The project is part of the JOGMEC Vicuna region joint venture land package, which straddles the Argentina-Chile boundary and in which JOGMEC is earning a 40% interest. Los Helados lies several kilometres due south of the Caserones (formerly known as Regalito) project.

Geologically, the project area comprises Permo-Triassic granitoids that host a sequence of Cretaceous to Upper Tertiary intrusives which have resulted in extensive alteration zones with different degrees of alteration-mineralization models, all related to calkaline series of porphyries.

At Los Helados, a large geochemical anomaly (2.5 x 1.5 kilometres) has been defined by surface mapping and sampling showing overlapping Cu, Au and Mo talus values. This large geochemical anomaly also corresponds with a significant geophysical anomaly, both in ground magnetics and chargeability-conductivity which was the focus of an initial seven hole, 1,670 metre RC drill program during the recently completed high-Andes 2006/2007 exploration season (October – May).

Results of this first phase of drilling have indicated a large porphyry system with overlying epithermal zones. Mineralization and alteration are similar to the assemblages found at the Josemaria project several kilometers to the east. Further drilling is planned later this year for the Los Helados project.

General

The Board of Directors of Suramina will comprise:

Lukas Lundin, Chairman
Paul Conibear, President
Mats Carlsson
John Craig
Lee Graber
William Rand

The second quarter period marked the beginning of a new mineral exploration company. The Company has a strong management team with many years of successful exploration experience in South America and a growing, solid portfolio of assets covering key prospective areas in Argentina and Chile. Suramina is looking forward to great success in its upcoming drill programs.

On behalf of the Board

(signed) Paul K. Conibear
President
27 July 2007

Form 52-109F2 – Certification of Interim Filings – CEO, filed August 14, 2007

SURAMINA
Resources Inc.

FORM 52-109F2

CERTIFICATION OF INTERIM FILINGS

I, Paul K. Conibear, President and Chief Executive Officer of Suramina Resources Inc., certify that:

1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings*) of Suramina Resources Inc. (the issuer) for the interim period ending June 30, 2007;

2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings;

3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of the issuer, as of the date and for the periods presented in the interim filings;

4. The issuer's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures and internal control over financial reporting for the issuer, and we have:

   a. designed such disclosure controls and procedures, or caused them to be designed under our supervision, to provide reasonable assurance that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which the interim filings are being prepared; and

   b. designed such internal control over financial reporting, or caused it to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with the issuer's GAAP; and

5. I have caused the issuer to disclose in the interim MD&A any change in the issuer's internal control over financial reporting that occurred during the issuer's most recent interim period that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting.

Date: August 9, 2007

/s/ Paul K. Conibear

Paul K. Conibear
President and Chief Executive Officer
Ssuramina Resources Inc.

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Form 52-109F2 – Certification of Interim Filings – CFO, filed August 14, 2007

SURAMINA
Resources Inc.

FORM 52-109F2

CERTIFICATION OF INTERIM FILINGS

I, Wanda Lee, Chief Financial Officer of Suramina Resources Inc., certify that:

1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings*) of Suramina Resources Inc. (the issuer) for the interim period ending June 30, 2007;

2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings;

3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of the issuer, as of the date and for the periods presented in the interim filings;

4. The issuer's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures and internal control over financial reporting for the issuer, and we have:

   a. designed such disclosure controls and procedures, or caused them to be designed under our supervision, to provide reasonable assurance that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which the interim filings are being prepared; and

   b. designed such internal control over financial reporting, or caused it to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with the issuer's GAAP; and

5. I have caused the issuer to disclose in the interim MD&A any change in the issuer's internal control over financial reporting that occurred during the issuer's most recent interim period that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting.

Date: August 9, 2007

/s/ Wanda Lee

Wanda Lee
Chief Financial Officer
Ssuramina Resources Inc.

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Management's Discussion and Analysis for the six months ended June 30, 2007,
filed August 14, 2007

SURAMINA RESOURCES INC.
MANAGEMENT'S DISCUSSION AND ANALYSIS
(Amounts expressed in U.S. Dollars unless otherwise indicated)
SIX MONTHS ENDED JUNE 30, 2007

OVERVIEW

On April 11, 2007, Tenke Mining Corp. ("Tenke") and Lundin Mining Corp. ("Lundin Mining") announced a Plan of Arrangement (the "Arrangement"), whereby Tenke was subsequently divided into two separate companies. Tenke conveyed its South American copper and gold exploration assets and cash in the amount of $5 million to a newly-incorporated wholly-owned subsidiary, Suramina Resources Inc. (the "Corporation" or "Suramina"). The shares of Suramina were distributed to Tenke shareholders, with the exception of dissenting shareholders, pursuant to the Arrangement and upon completion, Tenke continued to hold its interests in the Tenke Fungurume copper/cobalt deposits under development in the Democratic Republic of Congo. For additional information please refer to the section in this Management discussion and analysis of the results of operations and financial condition ("MD&A") titled *Plan of Arrangement.*

The following ("MD&A") for Suramina should be read in conjunction with the unaudited interim consolidated financial statements for the six months ended June 30, 2007 and the audited annual consolidated financial statements and related notes thereto for the year ended December 31, 2006. The audited annual consolidated financial statements and related notes thereto for the year ended December 31, 2006 may be found on SEDAR within the Joint Disclosure Booklet of Lundin Mining Corporation and Tenke as filed by Suramina on July 3, 2007.

The financial information in this MD&A is derived from the Corporation's consolidated financial statements which are prepared in accordance with Canadian generally accepted accounting principles.

Additional information about Tenke and its business activities, including the business activities of Suramina Resources ("Suramina"), and the Arrangement is available on SEDAR at www.sedar.com.

The effective date of this MD&A is August 9, 2007.

PLAN OF ARRANGEMENT

The Arrangement was approved by both the shareholders of Tenke and Lundin Mining on June 18, 2007 and closed on July 3, 2007. At closing, all Tenke common shares tendered were automatically exchanged on the basis of 1.73 Lundin Mining common shares and $0.001 in cash for each Tenke common share. The consideration to Tenke shareholders pursuant to the Arrangement represents a 31.2% premium over Tenke's 20 day volume weighted average trading price as at April 10, 2007 based on Lundin Mining's 20 day volume weighted average trading price on the TSX of Cdn$13.51 per share. Lundin Mining shareholders continue to hold their existing number of common shares.

Pursuant to the Arrangement, Tenke conveyed its South American copper and gold exploration assets and cash in the amount of $5 million to Suramina and the shares of Suramina were distributed to Tenke shareholders. The common shares of Suramina were listed under the TSX trading symbol "SAX" and began trading on July 5, 2007.

SUMMARY FINANCIAL INFORMATION

As at	Jun 30, 2007	Dec 31, 2006
Balance Sheets (in thousands)		
Cash and cash equivalents	$ 1,386	$ 1,160
Mineral properties and related expenditures	$ 16,996	$ 13,986
Total assets	$ 19,183	$ 16,239
Long-term liabilities	$ -	$ -

	For the Three Months Ended		For the Six Months Ended	
	Jun 30, 2007	Jun 30, 2006	Jun 30, 2007	Jun 30, 2006
Statements of Loss (in thousands)				
Revenue	$ -	$ -	$ -	$ -
Expenses	$ 417	$ 266	$ 838	$ 411
Other expense (income)	$ 80	$ (5)	$ 98	$ 94
Loss for the period	$ 497	$ 261	$ 936	$ 505
Loss per share	n/a *	n/a *	n/a *	n/a *

* As at June 30, 2007, Suramina had 100 class A common shares outstanding. Subsequent to June 30, 2007, the 100 class A shares outstanding were cancelled and 60,937,329 common shares were issued to the shareholders of Tenke, pursuant to the Agreement. Accordingly, at June 30, 2007 the loss per share information is not meaningful to the readers of the interim financial statements.

MINERAL PROPERTIES

The following discussion of mineral property activities is presented under the continuity of interests basis; whereby the mineral properties of Tenke are discussed as if they had always been subject to the exploration plans of Suramina and as if the costs had been incurred by Suramina.

As a result of the Arrangement, Suramina has a large holding of gold and base metal properties under exploration in Argentina and to a lesser extent in Chile. The prime areas of focus are copper/gold exploration properties in San Juan province, in areas in Chile directly across the border from certain of the Corporation's Argentine properties and a high grade silver project in Patagonia. The Corporation currently has more than 75 staff and contracted personnel working primarily out of field offices in San Juan and Bariloche, Argentina to support the exploration activities in these key regions. During the six months ended June 30, 2007, the Corporation expended a total of approximately $4.1 million on the various properties. These expenditures included option payments, mapping, sampling, drilling and analysis.

Highlights of work on active projects during the second quarter of 2007 are as follows:

Josemaria and Batidero Projects

During the second quarter of 2007, additional step out and infill drilling was completed, pursuing the north and west expansion of the resource base. Drilling was also conducted to test magnetic anomalies to the northwest of Josemaria.

Los Helados Project

During the second quarter of 2007 a seven hole first phase of RC drilling as part of the joint venture founded by Japanese partners, JOGMEC was completed and data analysis started.

Las Flechas Project

During the three months ended June 30, 2007, ongoing surface exploration and geophysics work continued at two different Las Flechas targets led by Joint Venture and funding partner Companhia Vale do Rio Doce ("CVRD") as operator.

TNR Gold Corp. ("TNR") Northern Properties

During the three months ended June 30, 2007, geological sampling on several properties was carried out within the TNR Northern Property package of mineral concessions which form part of the CVRD agreement, in particular Risuko, Caserones and Miranda properties.

Cerro Cuadrado Project

A first phase of drilling was conducted consisting of seven core holes in the first quarter 2007. During the second quarter of 2007 analysis of the first phase drilling results was prepared in preparation for a second phase of drilling during the third quarter of 2007.

Papagallos Project and Paramillos Project

During the six months ended June 30, 2007, no work was conducted on the Papagallos Project pending resolution with Mendoza Provincial authorities over a disputed park boundary which was unilaterally extended over top of the project.

No work was conducted on the Paramillos Project during the second quarter of 2007 as force majeure has been declared on the property by the Corporation due to exploration permit blockages by the Mendoza Provincial authorities and other parties. Work will be suspended until the situation is resolved.

Elisa Property

During the quarter ended June 30, 2007, no work was conducted due to the current policies of the Mendoza government toward mineral exploration.

RESULTS OF OPERATIONS

The interim consolidated financial statements of Suramina reflect the financial position, statements of operations and deficit and cash flows of the South American assets of Tenke presented under the continuity of interests basis of accounting whereby the balance sheet amounts are based on the amounts recorded by Tenke. The statements of operations include an allocation of Tenke's general and administrative expenses for each period presented. The allocation of general and administrative expenses was calculated on a reasonable basis as determined by management. No allocation has been provided with respect to the opening deficit for transactions prior to January 1, 2005. Management cautions readers of these interim consolidated financial statements that the allocation of expenses does not necessarily reflect future general and administrative expenses.

The Corporation's net loss for the three months ended June 30, 2007 was $497,000 compared with a net loss of $261,000 for the same period in 2006. This increase in net loss was primarily due to a higher level of general exploration and property investigation in 2007 compared with 2006.

For the six months ended June 30, 2007 the Corporation's net loss was $936,000 compared with a net loss of $505,000 for the same period in 2006. The increase in net loss was also primarily due to increased project investigation costs.

The losses are a reflection of the Corporation's status as non-revenue producing mineral company. As the Corporation has no source of income, losses are expected to continue.

LIQUIDITY AND CAPITAL RESOURCES

	Three Months Ended		Six Months Ended	
	June 30, 2007	June 30, 2006	June 30, 2007	June 30, 2006
Statements of Cash Flows (in thousands)				
Cash flows from (used in) operating activities	$ (183)	$ (1,367)	$ (481)	$ (692)
Cash flows from (used in) investing activities	(1,225)	(763)	(3,624)	(3,980)
Cash flows from financing activities	1,875	1,630	4,362	3,660
Effect of exchange rate on cash and cash equivalents	(4)	15	(31)	(94)
Increase (decrease) in cash and cash equivalents	463	(484)	226	(1,106)
Cash and cash equivalents, end of period	$ 1,386	$ 226	$ 1,386	$ 226

Net cash used in operating activities was $183,000 for the three months ended June 30, 2007 and consisted mainly of the loss from operations of $497,000 adjusted for the impact of non-cash items and changes in non-cash working capital items. This compares with net cash used in operating activities of $1,367,000 for the three months ended June 30, 2006.

Net cash used in operating activities for the six months ended June 30, 2007 was $481,000 compared with net cash used in operating activities of $692,000 for the same period in 2006.

Net cash used in investing activities is primarily related to capitalized exploration expenditures on all of Suramina's projects in Argentina and Chile. Net cash used in investing activities for the three months ended June 30, 2007 was $1,225,000 compared with $763,000 for the same period in 2006. Net cash used in investing activities for the six months ended June 30, 2006 was $3,624,000 compared with $3,980,000 in 2006.

Net cash provided by financing activities relates solely to owner contributions from Tenke. Net cash provided by financing activities for the three months ended June 30, 2007 totaled $1,875,000 compared with $1,630,000 for the same period in 2006. Net cash provided by financing activities for the six months ended June 30, 2006 was $4,362,000 compared with $3,660,000 for the same period in 2006.

At June 30, 2007, Suramina had cash and cash equivalents of $1,386,000 compared with $1,160,000 at December 31, 2006. Upon closing of the Arrangement, Suramina was conveyed $5 million from Tenke. Suramina has no sources of funding and Suramina's ability to continue as a going concern is dependent on the ability of the business to raise equity financing and to attain profitable operations.

CHANGES IN ACCOUNTING POLICIES

On January 1, 2007, Suramina adopted new accounting standards issued by the Canadian Institute of Chartered Accountants: Section 1530, *Comprehensive Income* and Section 3855, *Financial Instruments – Recognition and Measurement.*

Section 1530 – Comprehensive Income - Comprehensive income is the change in the net assets of the business that results from transactions, events and circumstances from sources other than the shareholders of the business and includes items that would not normally be included in net earnings, such as unrealized gains or losses on available for-sale investments. Other comprehensive income refers to items which are included in comprehensive income that are not included in net income until realized. Amounts initially recognized in other comprehensive income are reclassified to earnings when realized or impaired.

Section 3855 – Financial Instruments – Recognition and Measurement - Section 3855 requires that all derivative financial instruments and financial assets, except those classified as held to maturity, must be measured at fair value. All financial liabilities must be measured at fair value when they are classified as held for trading; otherwise, they are measured at cost. Investments classified as available for sale are reported at fair market value (or marked to market) based on quoted market prices with unrealized gains or losses initially recorded in other comprehensive income or loss.

The adoption of these new accounting standards did not impact the opening balance sheet as at January 1, 2007 or net earnings for the six months ended June 30, 2007. As a result, comprehensive loss is equal to net loss and there are no other comprehensive income items to be recorded.

CRITICAL ACCOUNTING ESTIMATES

The preparation of financial statements in conformity with Canadian generally accepted accounting principles requires management to establish accounting policies and to make estimates that affect both the amount and timing of the recording of assets, liabilities, revenues and expenses. Some of these estimates require judgments about matters that are inherently uncertain.

Note 3 to the audited annual consolidated financial statements for the year ended December 31, 2006 include a summary of Suramina's significant accounting policies. The following policies are considered to be the critical accounting policies since they involve the use of significant estimates.

Mining Properties and Related Expenditures

Mineral properties and related expenditures are carried at cost. If a project is unsuccessful or if exploration ceases because continuation is not economically feasible, the capitalized costs are written off. Option payments received and cost reimbursements receivable pursuant to terms of option agreements have been applied against project expenditures.

The recoverability of the cost of mineral properties and related deferred exploration expenditures is dependent upon Suramina's ability to discover economically recoverable reserves, preserve its interest in the underlying mineral claims, obtain necessary financing to complete its projects, and attain future profitable production or alternatively, upon Suramina's ability to dispose of its interests on an advantageous basis. Management assesses the recoverability of individual mineral properties when events or changes in circumstances indicate that the carrying amounts of the related asset may not be recoverable. If estimated future non-discounted cash flows, using management's estimates of forward prices and the likelihood of achieving planned operations, are not sufficient to recover the carrying value for the properties, the deferred costs are written down, if necessary, to the estimated fair value determined using discounted cash flows.

Although Suramina has taken steps to verify the title to the mineral properties it has acquired, these procedures do not guarantee that the titles are without defects. Property title may be subject to unregistered prior agreements, transfers or claims of ownership by third parties.

Income Taxes

As at June 30, 2007 the transfer of assets to Suramina had not occurred. After the execution of the transfer in accordance with the Arrangement, the final tax basis of assets and liabilities will be established. Suramina will account for income taxes using the asset and liability method. Under this method, future income tax assets and liabilities are determined based on differences between the financial statement carrying values of existing assets and liabilities and their respective income tax bases (temporary differences), and for losses carried forward. Future income tax assets and liabilities are measured using the substantively enacted tax rates and laws expected to be in effect when the temporary differences are likely to reverse. The effect on future income tax assets and liabilities of a change in tax rates is included in operations in the period in which the change is substantively enacted. The amount of future income tax assets recognized will be limited to the amount of the benefit that is more likely than not to be realized.

OUTSTANDING SHARE DATA

As at August 9, 2007, Suramina had 60,937,329 common shares outstanding.

FINANCIAL INSTRUMENTS

Suramina's financial instruments consist of cash, accounts receivable and accounts payable and accrued liabilities. The carrying values of Suramina's financial instruments approximate their fair values due to the short term nature of these instruments.

Suramina is exposed to currency exchange rate risks to the extent of its foreign activities in Argentina and Chile. Suramina does not hedge its exposure to fluctuations in the related exchange rates; however, Suramina maintains a significant portion of its cash and cash equivalents in local currencies.

INTERNAL CONTROLS OVER FINANCIAL REPORTING

For the six months ended June 30, 2007, no changes were made in our internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

RISKS AND UNCERTAINTIES

Exploration for mineral resources involves a high degree of risk. The cost of conducting programs may be substantial and the likelihood of success is difficult to assess. Suramina will attempt to mitigate its exploration risk by maintaining a diversified project portfolio that includes several metal commodity targets in a number of geologic and political environments. Management also balances risk through joint ventures with other companies. Beyond exploration risk, management is faced with a number of other risk factors. The more significant ones include:

Metal Price Risk

Suramina's portfolios of properties and investments will have exposure to copper, gold and silver. The prices of these metals greatly affect the value of and the potential value of its properties and investments. This, in turn, greatly affects its ability to form joint ventures and the structure of any joint ventures formed. This is due, at least in part, to the underlying value of Suramina's assets at different metals prices.

Financial Markets

Suramina is dependent on the equity markets as its sole source of operating working capital and Suramina's capital resources are largely determined by the strength of the resource markets and by the status of Suramina's projects in relation to these markets, and its ability to compete for the investor support of its projects.

Political Risk

Exploration will be carried out in several countries, including Argentina and Chile. Each of these countries will expose Suramina to risks that may not otherwise be experienced if all operations were domestic. Political risks may adversely affect what will be Suramina's existing assets and operations. Real and perceived political risk in some countries may also affect Suramina's ability to finance exploration programs and attract joint venture partners, and future mine development opportunities.

Currency Risk

Suramina will transact business in a number of currencies. Fluctuations in exchange rates may have a significant effect on the cash flows of Suramina. Future changes in exchange rates could materially affect Suramina's results in either a positive or negative direction.

Environmental and Social Opposition Risks

Suramina will seek to operate within environmental protection standards that meet or exceed existing requirements in the countries in which Suramina will operate and Suramina will conduct its activities in accordance with high corporate social responsibility principles. Present or future laws and regulations, however, may affect Suramina's operations. Future environmental costs may increase due to changing requirements or costs associated with exploration and the developing, operating and closing of mines. Programs may also be delayed or prohibited in some areas due to technical factors, new legislative constraints or social opposition. Although minimal at this time, site restoration costs are a component of exploration expenses.

Title Risk

Suramina has investigated its right to explore and exploit its properties and, to the best of its knowledge, those rights are in good standing, except for a challenge on title on the Paramillos Project. The most recent pronouncements by Argentine authorities were in favour of Suramina's ownership position on the Paramillos Project.

However, the results of Suramina's investigations should not be construed as a guarantee of title. No assurance can be given that applicable governments will not revoke or significantly alter the conditions of the applicable exploration and mining authorizations nor that such exploration and mining authorizations will not be challenged or impugned by third parties.

OFF-BALANCE SHEET AGREEMENTS

Suramina has no off-balance sheet arrangements.

OUTLOOK

The Industry

During the second quarter of 2007 stock markets maintained their strong positions as did base metals and gold prices. This was very supportive of the successful acquisition of Tenke by Lundin Mining which was substantially completed in July 2007.

South American Exploration

Within Argentina, opposition to mineral exploration and development increased with Mendoza and La Rioja coming out with increased anti-mining rhetoric, ahead of provincial and federal elections in October. This continues to affect several of the Corporation's drill-ready projects. Lobbying continues at high levels in the provincial and federal governments to deal with the barriers being experienced in certain areas. Improvements are not expected in the situation until towards year-end.

To add some diversification to our copper/gold exploration initiatives the Corporation is also aggressively pursuing new exploration assets in other South American countries on an opportunistic basis.

To date several exploration properties have been staked in Columbia and Chile. Combined with existing Argentine projects under drilling in San Juan and Santa Cruz Provinces, the remainder of the year is expected to be very active with multiple projects under exploration.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

Certain statements contained in the foregoing Management's Discussion and Analysis and elsewhere constitute forward-looking statements. Such forward-looking statements involve a number of known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Corporation to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date the statements were made, and readers are advised to consider such forward-looking statements in light of the risks set forth above.

Early warning report, filed July 4, 2007

EARLY WARNING REPORT

The following information is filed pursuant to the provisions of National Instrument 62-103 and applicable securities legislation.

1. Name and Address of the Offeror

Ellegrove Capital Ltd. ("Ellegrove")
Suite 100, One Financial Place,
Lower Collymore Rock, St. Michael, Barbados

2. Designation and number or principal amount of securities and the offeror's securityholding percentage in the class of securities of which the offeror acquired ownership or control in the transaction or occurrence giving rise to the obligation to file the news release, and whether it was ownership or control that was acquired in those circumstances:

Ellegrove, through its Joint Actors, through a Plan of Arrangement, has acquired 10,619,436 common shares of **Suramina Resources Inc.** ("Surmina") representing approximately 17% of the issued and outstanding common shares of Surmina.

3. Designation and number or principal amount of securities and the offeror's securityholding percentage in the class of securities immediately after the transaction or occurrence giving rise to the obligation to file the news release:

After giving effect to the foregoing, Ellegrove together with its Joint Actors, will own 10,619,436 common shares, representing 17% of the issued and outstanding shares of Suramina.

4. Designation and number or principal amount of securities and the percentage of outstanding securities of the class of securities referred to in paragraph (3) over which:

(i) the offeror, either alone or together with any joint actors, has ownership and control;

Ellegrove, together with its Joint Actors, has ownership and control over 10,619,436 common shares of Suramina representing approximately 17% of the outstanding common shares of Suramina.

(ii) the offeror, either alone or together with any joint actors, has ownership but control is held by other persons or companies other than the offeror or any joint actor; and

Not applicable.

(iii) **the offeror, either alone or together with any joint actors, has exclusive or shared control but does not have ownership;**

Not applicable.

5. The name of the market where the transaction or occurrence took place:

TSX, Toronto

6. The purpose of the offeror and any joint actors in effecting the transaction or occurrence that gave rise to the news release, including any future intention to acquire ownership of, or control over, additional securities of the reporting issuer:

Ellegrove and its Joint Actors acquired the securities of Suramina for investment purposes only and not for the purpose of influencing control or direction over Suramina. Ellegrove and its Joint Actors will, however, review its holdings in Suramina from time to time and may increase or decrease its position as future circumstances dictate.

7. The general nature and the material terms of any agreement, other than lending agreements, with respect to securities of the reporting issuer entered into by the offeror, or any joint actor, and the issuer of the securities or any other entity in connection with the transaction or occurrence giving rise to the news release, including agreements with respect to the acquisition, holding, disposition or voting of any of the securities:

N/A

8. The names of any joint actors in connection with the disclosure required by this report:

Abalone Capital Ltd.
Zebra Holdings and Investments Ltd.
Lorito Holdings Ltd.

9. In the case of a transaction or occurrence that did not take place on a stock exchange or other market that represents a published market for the securities, including an issuance from treasury, the nature and value of the consideration paid by the offeror:

N/A

10. Where applicable, a description of any change in any material fact set out in a report by the Offeror under the early warning requirements or Part 4 of National Instrument 62-103 in respect of the issuer's securities:

Not applicable.

DATED this 3rd day of July, 2007.

Ellegrove Capital Ltd.

By: /s/ Mohammed Patel
Authorized Signing Officer

Press release, filed July 4, 2007

ELLEGROVE CAPITAL LTD.

Suite 100, One Financial Place, Lower Collymore Rock, St. Michael, Barbados

PRESS RELEASE

July 4, 2007...Ellegrove Capital Ltd. ("Ellegrove"), a Barbados resident company, through its joint actors, announces that it has acquired10,619,436 common shares of Suramina Resources Inc. ("Suramina"). The shares were acquired in exchange for 10,619,436 shares of Tenke Mining Corp. ("Tenke"), on the basis of one share of Suramina for each share of Tenke, following the acquisition of Tenke by Lundin Mining Corporation. The share exchange was completed through the facilities of the TSX, Toronto.

As a result of this acquisition, Ellegrove together with its joint actors, hold as at the date hereof, an aggregate of 10,619,436 common shares which aggregate holdings represent approximately 17% of the issued and outstanding shares of Suramina.

Ellegrove and its joint actors acquired the securities of Suramina for investment purposes only and not for the purpose of influencing control or direction over Suramina. Ellegrove and its joint actors will, however, review its holdings in Suramina from time to time and may increase or decrease its position as future circumstances dictate.

Ellegrove is owned by a trust whose settlor is the Estate of Adolf H. Lundin.

ELLEGROVE CAPITAL LTD.

Per:

(signed)
Authorized Representative

For further information, please contact Aksel Azrac, telephone +41 22 708 33 13

Certificate of qualified person (NI 43-101), filed July 4, 2007

Nilsson Mine Services Ltd.
Telephone: 604 465 0703
FAX:604 465 0731
Email: jnilsson@shaw.ca

CERTIFICATE of AUTHOR

I, John Nilsson P.Eng., do hereby certify that:

1. I am President of:

   Nilsson Mine Services Ltd.
   20263 Mountain Place
   Pitt Meadows, British Columbia
   V3Y 2T9

2. I graduated with a Bachelors degree in Geology from the Queen's University in 1977. In addition, I obtained a Masters degree in Mining Engineering from the Queen's University in 1990.

3. I am a member of the Association of Profession Engineers of British Columbia.

4. I have worked as a geologist and mining engineer for a total of 29 years since my graduation from university.

5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for assembly of the report and review of the resource estimation procedures.

7. I have had prior involvement with the property that is the subject of the Technical Report.

8. I am not aware of any material fact or material change to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

9. I am independent of the issuer applying all the tests in section 1.5 of National Instrument 43-101.

10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

11. I consent to the filing of the "Josemaría Project Exploration Update, and dated 15th June, 2007 (the "Technical Report") relating to the Josemaría Project with any stock exchange and/or other regulatory authority and any publication of the audit by them, including electronic publication in the public company files on their websites accessible by the public.

Dated this 15th Day of June, 2007.

John Nilsson, P.Eng.

Certificate of qualified person (NI 43-101), filed July 4, 2007

Mario E. Rossi
GeoSystems International, Inc.
15998 Mataro Bay Ct.,
Delray Beach, FL, 33446, USA
Telephone: 561-495-8797
Fax: 561-498-1262
Email: mrossi@geosysint.com

CERTIFICATE of AUTHOR

I, Mario E. Rossi, Min. Eng., MSc, do hereby certify that:

1. I am Principal Geostatistician of:
   GeoSystems International, Inc
   15998 Mataro Bay Ct
   Delray Beach, Florida, USA,
   33446.
2. I graduated with a Master of Science degree in geostatistics from Stanford University, California, USA, in 1988. In addition, I have obtained a Mining Engineering degree from the University of San Juan, Argentina, in 1985.
3. I am a member of the Canadian Institute of Mining and Metallurgy (CIMM), a fellow of the Australian Institute of Mining and Metallurgy (AusIMM, Australia), a member of the Society of Mining Engineers (SME, USA), a member of the International Association of Mathematical Geology (IAMG), and a member of the Geological Society of America (GSA).
4. I have worked as a geostatistician for a total of 16 years since my graduation from university, and as a mining engineer for an additional 2 years.
5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible for the preparation of Section 16 of the technical report titled Josemaría Project Exploration Update, and dated 15th June, 2007 (the "Technical Report") relating to the Josemaría Project. I visited the Josemaría property on November, 2006 for 3 days.
7. I have had no prior involvement with the property that is the subject of the Technical Report.
8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
9. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

Dated this 15th Day of June, 2007.

Mario E. Rossi

Consent of qualified person (NI 43-101), filed July 4, 2007

FILED BY SEDAR

July 3, 2007

Ontario Securities Commission
British Columbia Securities Commission
Alberta Securities Commission
Saskatchewan Financial Services Commission (Securities Division)
Autorité des marchés financiers

Dear Sirs/Mesdames:

Re: Suramina Resources Ltd.

Pursuant to Section 8.3 of National Instrument 43-101, this letter is being filed as the consent of John P. Nilsson, P. Eng., of Nilsson Mine Services Ltd. to the public filing of the report entitled "Exploration Update for the Josemaria Project, San Juan Province, Argentina" dated June 15, 2007 with the securities regulatory authorities referred to above.

Sincerely,

John Nilsson

Consent of qualified person (NI 43-101), filed July 4, 2007

FILED BY SEDAR

July 3, 2007

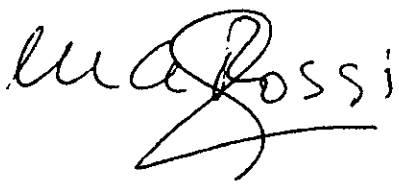
Ontario Securities Commission
British Columbia Securities Commission
Alberta Securities Commission
Saskatchewan Financial Services Commission (Securities Division)
Autorité des marchés financiers

Dear Sirs/Mesdames:

Re: Suramina Resources Ltd.

Pursuant to Section 8.3 of National Instrument 43-101, this letter is being filed as the consent of Mario E. Rossi, M. Sc., Min. Eng., of GeoSystems International, Inc. to the public filing of the report entitled "Exploration Update for the Josemaria Project, San Juan Province, Argentina" dated June 15, 2007 with the securities regulatory authorities referred to above.

Sincerely,



Mario Rossi

Technical report (NI 43-101), filed July 4, 2007

Exploration Update
for the Josemaria Project,
San Juan Province, Argentina

Prepared for

Suramina Resources Inc.

2101 - 885 West Georgia St

Vancouver, British Columbia, V6C 3E8

Canada

Report by

John Nilsson P. Eng.
Nilsson Mine Services Ltd.
20263 Mountain Place
Pitt Meadows, British Columbia, V3Y 2T9
Canada

and

Mario Rossi M.Sc.
Geosystems International
15998 Mataro Bay Ct.
Delray Beach, Florida, USA 33446

June 15, 2007

NMS – Nilsson Mine Services Ltd.

GeoSystems International

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1.0 Summary

The Josemaría Project is located near the northern limits of Iglesia Department, in northern San Juan province, western Argentina approximately 10 km from the Chilean border. The nearest settlement is Guandacol located 200 km to the south-east by gravel road. The property falls within the Cordillera Frontal along the eastern flank of the Andes and is underlain by Permian-Triassic batholithic rocks correlative with the Choiyoi Formation and Tertiary volcanics correlative with the Doña Ana Group. These volcanics are intruded by what are believed to be Miocene porphyries of quartz-diorite composition. Some porphyry intrusives are obscured by later volcanic cover and unaltered volcanics brought in contact by low angle faults truncating the top of the mineralized intrusive.

The property is in the southern extension of the Maricunga Belt and in the northern continuation of the El Indio belt. It is currently being explored for porphyry copper-molybdenum-gold systems. Prospective features indicative of a Maricunga-style Cu-Mo-Au enriched porphyry system have been identified on the property. The Maricunga belt is an important Cu-Au district in northern Chile containing the deposits of Refugio, Aldebaran, Escondida, Lobo Marte and La Coipa among others. Surface sampling during the 2002/2003 season established an area of approximately 400 x 400 m with coincident Cu-Mo-Au geochemistry. Ground magnetic data and IP-resistivity was also useful in creating a geological model and targeting drilling. Ten reverse circulation holes (3,475 m) completed during the 2003/2004 season were responsible for the original discovery of the Josemaria porphyry deposit. A second phase of drilling of 15 reverse circulation holes (7,822 m) and 5 diamond drill core holes (2,406 m) was performed in the 2004/2005 season to establish depth and size to this prospect and to provide sufficient data for an initial resource calculation. Based on 13,697 m of reverse circulation and diamond drilling at the project Jose Maria has an inferred resource of 374 million tonnes at 0.40% Cu and 0.29 g/t Au at a 0.30% Cu cutoff. This estimate was the subject of an earlier technical report entitled "***Preliminary Resource Estimate for the Josemaria Project, San Juan Province, Argentina***" dated January 23, 2006 prepared by John Nilsson P.Eng. and Mario Rossi M.Sc. Tenke Mining Corp ("Tenke") is pursuing an exploration program using similar methods to those that located the Vicuña prospect.

Tenke has an option to acquire 100% ownership of Josemaría which will be completed in 2009. Josemaría is adjacent to Batidero, another mineral prospect held jointly (75% Tenke, 25% TNR) by Tenke and TNR Gold Corp. ("TNR"). Josemaría and Batidero together form part of an emerging trend of prospective porphyry and epithermal systems. The Batidero prospect, immediately to the south of Josemaría is also being explored by Tenke and the Josemaría system of intrusives which appears to follow a WNW – ESE trend may extend onto Batidero.

A technical report entitled "***Summary Report for the Josemaria-Batidero Project***" was prepared by Cyberquest Geoscience Ltd., April 20, 2005. The "***Preliminary Resource Estimate for the Josemaria Project***" restated much of the reporting of exploration work from the April technical report conducted during the 2002/2003 and 2003/2004 seasons and then expanded on the description of exploration

drilling work conducted during the 2004/2005 season.

The purpose of this technical report is to provide an update of exploration activities at Jose Maria for the 2005/2006 and 2006/2007 field seasons including petrology studies, drill programs and geophysical surveys.

2.0 Introduction and Terms of Reference

Nilsson Mine Services Ltd. (NMS) and Geosystems International (GSI) have been commissioned by Tenke Mining Corp. in conjunction with Suramina Resources Inc. to prepare a Technical Report summarizing exploration progress for the 2005/2006 and 2006/2007 field seasons at the Josemaría Project in San Juan Province, Argentina. This summary report has been written to conform with National Instrument 43-101. In doing so the authors have relied on the earlier technical report entitled "***Summary Report for the Joesemaria – Batidero Project***" by John Harrop, P.Geo. The Harrop report was prepared to provide a description of the property, geology and exploration history of the deposit up to April 2005. Sections 4.0 through 13.0 of this report are largely reproduced from Harrop with additions based upon work undertaken in the later field seasons.

Mario Rossi Principal Geostatistician of Geosystems International undertook a site visit to Argentina during the week of November 21, 2005 during which time he reviewed geological data in the San Juan offices of Desarrollo de Prospectos Mineros S.A. ("Deprominsa") an Argentine subsidiary of Tenke and Compañia Minera Solitario Argentina S.A. ("Solitario") a corresponding subsidiary of TNR Gold Corp, visited the sample preparation laboratory of ALS Chemex in Mendoza used by the project and visited the subject property. The authors have not supervised any field operations or otherwise been involved in the management of the project.

This report has relied on reports (Tenke, 2003), (Achem et al, 2004) and (Tenke, 2005), various maps, notes and graphics provided by Tenke as primary sources on the Josemaría project and contains many excerpts from these reports. As in the Harrop report, due to the frequency of references to these reports they are not usually cited specifically.

3.0 Disclaimer

The content of this report is largely based on material supplied primarily by Desarrollo de Prospectos Mineros S.A. ("Deprominsa") an Argentine subsidiary of Tenke Mining Corp., project and exploration management geologists of Deprominsa and to a lesser extent by material supplied by Compañia Minera Solitario Argentina S.A. ("Solitario"). The content of the material provided is believed to be accurate and complete.

The authors have not had the legal status of mineral claims formally verified and rely on communication from management with respect to reporting of mineral title in this report. Drill hole assay data has been spot checked against original certificates and original copies of many documents were reviewed in San Juan.

4.0 Property Description and Location

The underlying owner of the Josemaría property is Sr. Juan Demetrio Lirio of San Juan, Argentina through two manifestaciones (Josemaría 1 and Josemaría 2), which cover an area of approximately 2831 ha. Tenke is acquiring 100% ownership of the property through payments totaling US$790,000 between 2003 and 2009. A final payment of US$2,000,000 will occur after the second year of mine production. In addition, an NSR royalty of 0.5% will be due Sr. Lirio and a royalty of 1-3% NSR will be due to the province of San Juan. The original cateos were expanded to cover ground left open when the adjacent property, Batidero, was reduced and were converted to manifestaciones in June 2004. The authors believe the property is in legal good standing, with all administrative applications and reports in order. Mining or exploration fees have been paid, and environmental reports have been presented and a visual inspection of the property has been conducted by the government.

The property is located near the northern limits of Iglesia Department, in northern San Juan province, northwest Argentina, at elevations ranging from 4000 to 4900 m.a.s.l.. Gauss Krüger Campo Inchauspe (GKCI) coordinates for the approximate centre of the main prospect are 2,446,350E 6,855,300N falling within the topographic sheet Pastillos (2969-I). Unless otherwise stated, coordinates given in this report or on attached maps and diagrams are in GKCI Zone 2 (see description of Argentine National Grid System below).

Within the project area, positional data is based on measurements taken by hand held GPS and by reference to digital and paper topographic sources. Small local distances were calculated using azimuth/distance measurements. Although no field assessment of positional error was available, absolute positional data is believed to be within 10 m under best conditions and may be as low as 100m under less ideal conditions. Relative positional data is believed to be significantly more accurate, facilitated by the open nature of the terrane. Spatial data for the 2002/2003 to 2006/2007 seasons has been managed in a MapInfo GIS. Spatial data provided for Josemaría-Batidero was also managed in MapInfo GIS.

Table 4.1 Mineral Property

Manifestacion Name	File	Dated	Size
Josemaría 1	414280-L-2004	1 June 2004	1328 ha
Josemaría 2	414281-L-2004	1 June 2004	1503 ha
Batidero I	425066-C-2001	20 March 2001	2656 ha
Batidero II	425065-C-2001	20 March 2001	2387 ha

Argentine National Grid System

Grids are coordinate systems used to reference locations in field notes and on maps. They are usually a rectangular system (Cartesian) of easting and northing values measured in these directions from the grid origin that defines a unique location for every different pair of coordinates. The geographic coordinate system is the well known system of latitude and longitude where meridians (north-south lines of longitude) and parallels (east-west lines of latitude) are measured in degrees. This system uses angles to measure location and is not Cartesian. This characteristic makes the geographic coordinate system more difficult to use in many applications. Many other grid coordinate systems have been developed.

Maps of small areas that do not need to account for the curvature of the earth or irregularities in its shape are based on simple, *non-earth,* orthogonal coordinate systems. These are usually called local grids and are commonly used for geoscience data collection. A local grid may be oriented arbitrarily and the conversion from local grid coordinates to a national or regional grid is simply treated as a shift and rotate operation.

National and regional grid systems and their associated maps that are based on the earth's shape require three components in their definition: a projection, an ellipsoid and a datum. All three should be specified or the coordinates in report or map may be ambiguous. Frequently a datum infers a specific ellipsoid which is not necessarily mentioned. A **projection** is a mathematical method for converting the curved surface of the earth to a flat surface. The **ellipsoid** is the shape of the earth's globe used in the projection calculation. The **datum** forms the location(s) where the ellipsoid is fixed to specific geographic locations and from which the grid is measured or surveyed.

The Argentine National Grid System (**Gauss-Krüger Campo Inchauspe** or GKCI) uses the Gauss-Krüger (also known as Transverse Mercator or TM) projection and is based on the Campo Inchauspe datum which uses the International 1924 (also known as Hayford) ellipsoid. (Note the Universal Transverse Mercator projection, UTM, is **not** identical to the TM projection.) Argentina is divided into six zones which, similar to UTM zones, are north-south slices centred on 72°, 69°, 66,° 63°, 60° and 57° W longitude. Unlike UTM which effectively has two meridians of zero scale distortion, in Gauss-Krüger only the central meridian has zero scale distortion. Unlike UTM where the easting offset is always 500,000 m, each zone in the Gauss-Krüger Campo Inchauspe system has a different offset to remove coordinate ambiguity between zones. Zone 1 has an easting offset of 1,500,000 m with each successive zone adding 1,000,000 m to the offset. Consequently, grid coordinates are often quoted without explicitly specifying the zone as would normally be done with UTM coordinates.

A new datum named POSGAR is currently being introduced. This datum uses the WGS84 ellipsoid and has already become common in some provinces.

Categories of Mineral Rights in Argentina

In Argentina, mineral rights are acquired by application to the government through a system based entirely on paper staking. A mineral property may go through several stages of classification during its lifetime. This begins with a **Cateo** (exploration permit). Once an application for a Cateo has been made any mineral discoveries made by third parties belong to the Cateo applicant. A Cateo consists of one to twenty units – each unit being 500 ha in size. A fee, calculated per hectare, is required within five days of the Cateos approval. The term of a Cateo, the length of which varies based on size, begins 30 days after approval. A Cateo of one unit has a duration of 150 days and for each additional unit its duration is increased by an additional 50 days. An additional requirement is that larger Cateos must reduce in size at certain times. At 300 days after approval, half of the area in excess of four units must be relinquished. At 700 days after approval, half of the remaining area must be relinquished.

To move to the next stage the Cateo holder must apply within the term of the Cateo by reporting a mineral discovery. Upon approval this will result in a **Manifestacion de Descubrimiento** or mining rights for an area up to 3,000 ha. Once this is approved the holder may conduct a Mensura or legal survey to apply for a **Mina** or mining lease. The property will generally stay in the Manifestacion stage until a mineral resource has been defined.

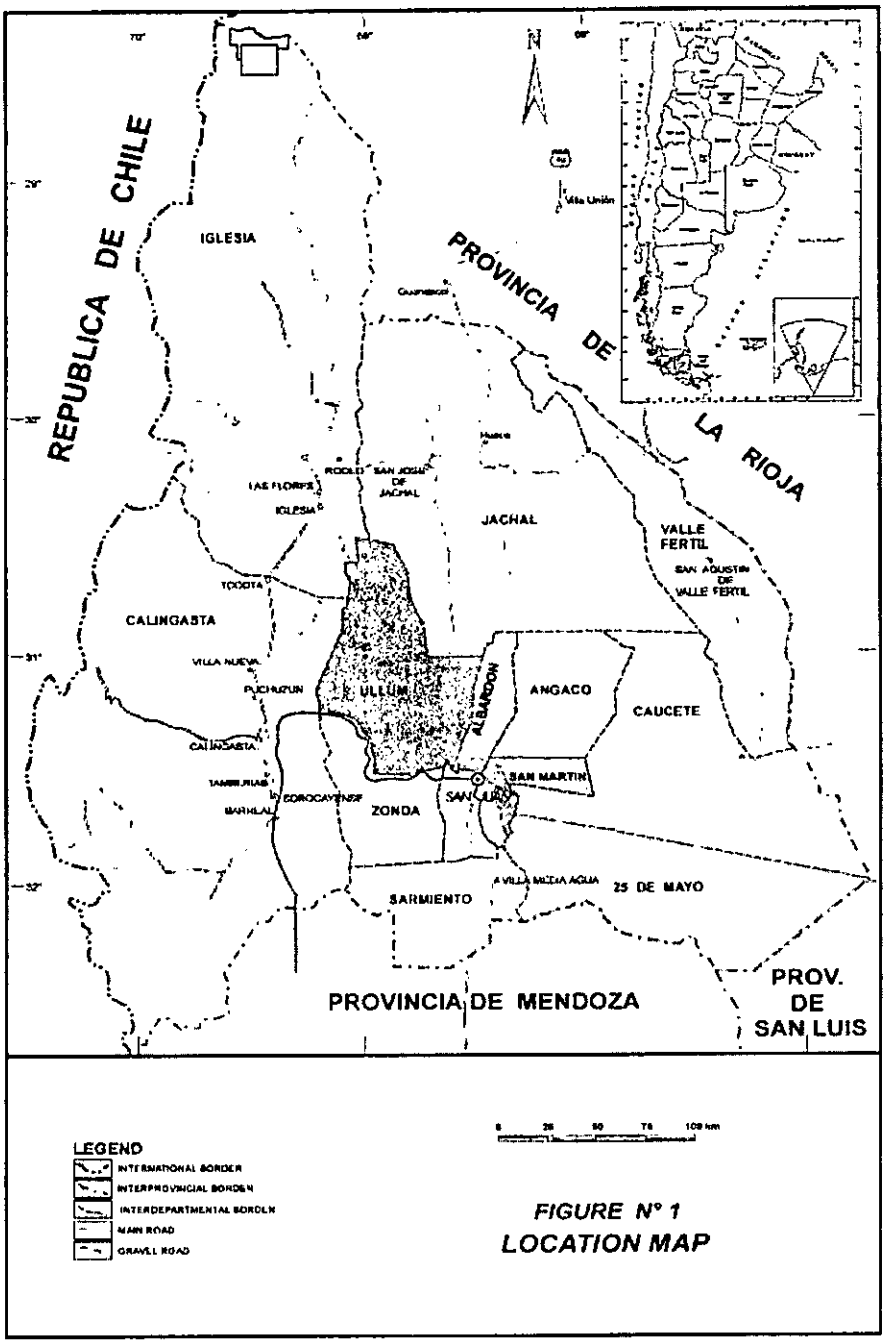


Figure 4.1 Location Map

Figure 4.2 Property General Location Map

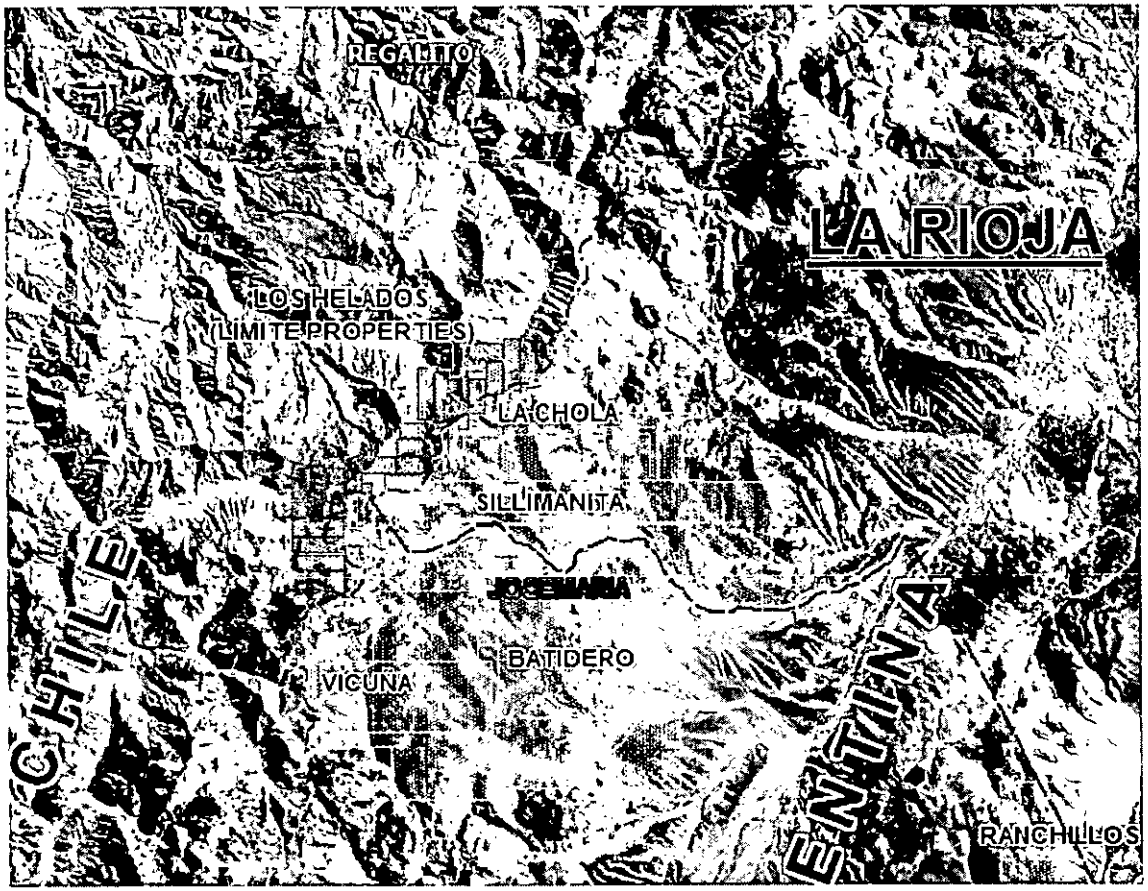


Figure 4.3 Northern Property Enlargement

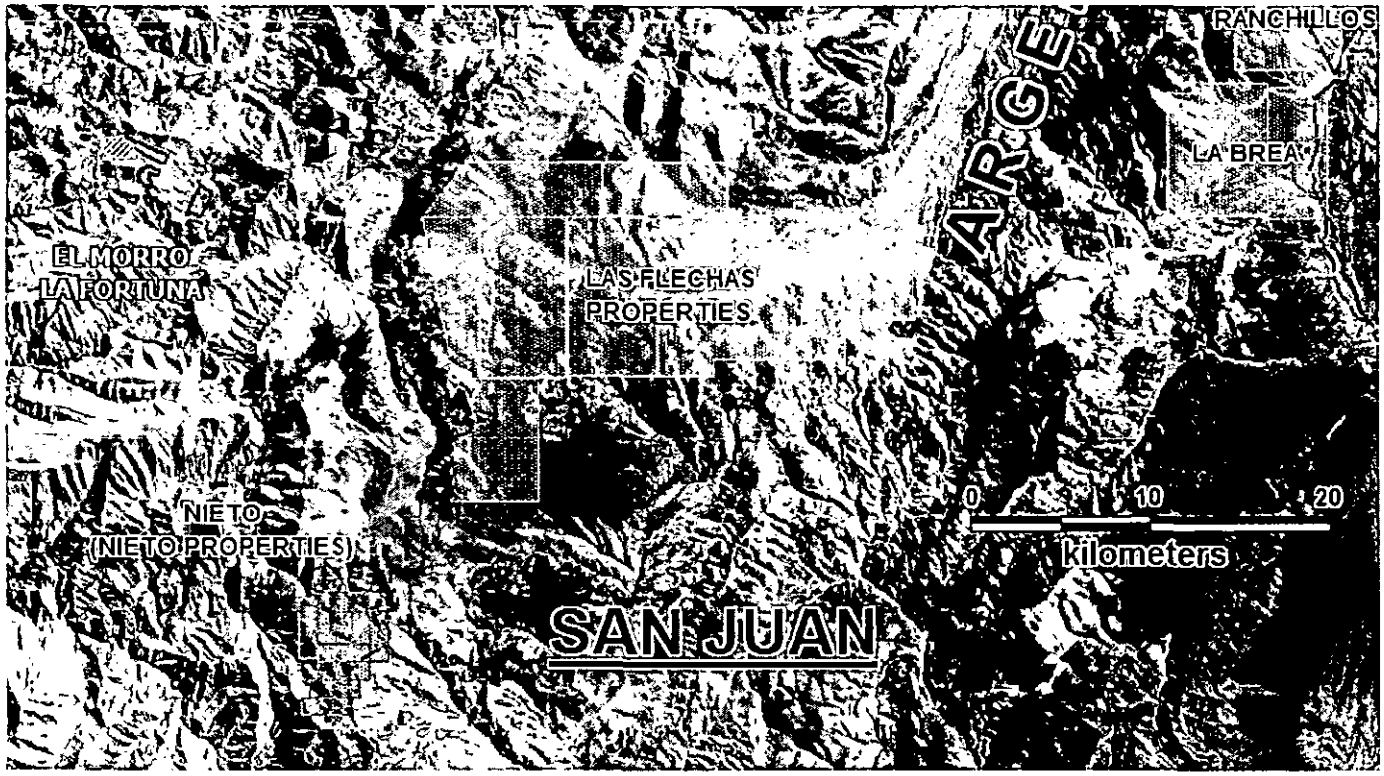


Figure 4.4 Southern Property Enlargement

5.0 Access, Infrastructure, Climate and Physiography

Exploration field personnel and support for the Josemaría and Batidero claims are hosted in a permanent camp located near the southern edge of the Batidero claims slightly above 4000 m in elevation. The Batidero camp, shown in the figure below, currently comfortably hosts about 70 personnel. Logistic support is based out of the city of San Juan which is approximately 10 hours drive from the Batidero Camp by four wheel drive pick-up. The city of San Juan is the capital of its provincial namesake and has a domestic airport with scheduled flights to Buenos Aires and other Argentine cities. Two hours drive to the south of San Juan is the city of Mendoza which has an international airport with flights to Santiago and elsewhere. The Josemaría area is accessed from San Juan by major provincial highways north through San Jose de Jachal to the town of Guandacol (in La Rioja province) and from there by approximately 150 km of regional unpaved roads and trails.

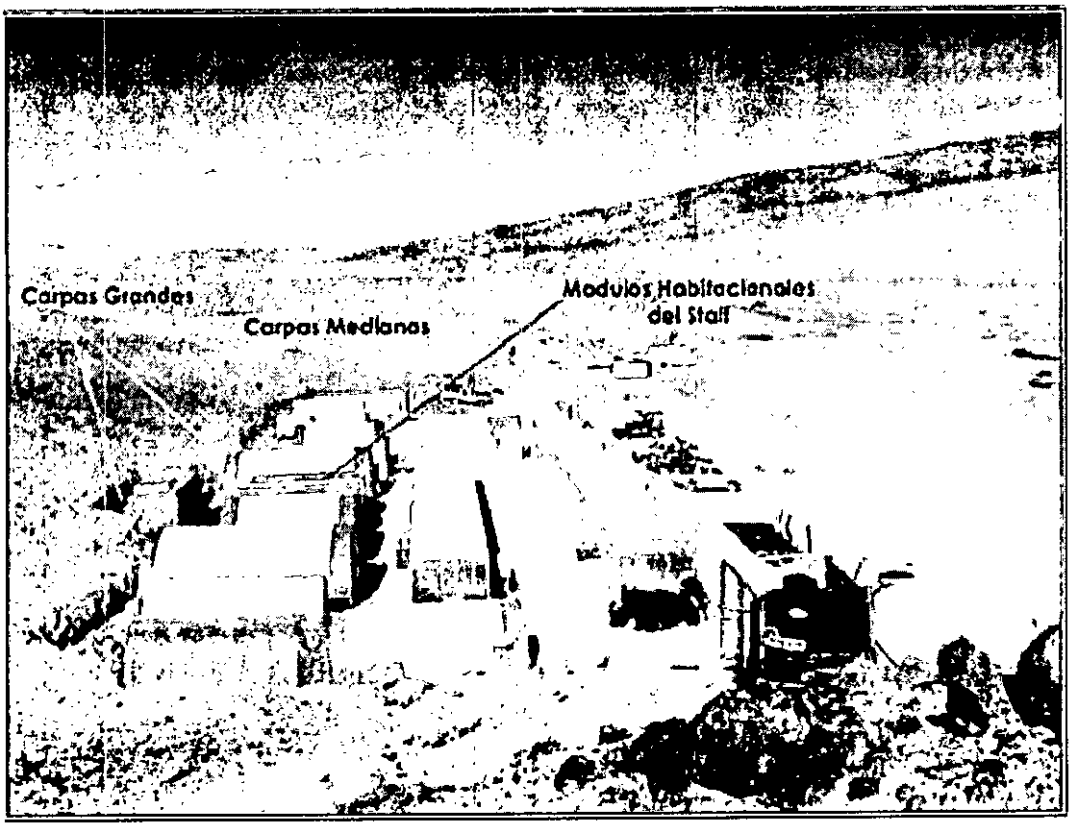


Figure 5.1 Josemaría Camp Facilities

The climate is dry to arid and temperate to cold, with sparse rain during the summer and snowfall during the winter (May through August). There is little or no vegetative cover which results in significant overland flow when rainfall does occur and broad alluvial floodplains on drainages of any significance. Despite the barren, unvegetated landscape there is a substantial supply of water in many drainages and there is no difficulty in locating sufficient water to support drilling. Short haul water trucks are used for several 100 m lift to the drill sites. Quebradas contain ephemeral creeks which converge into two more permanent, easterly draining arroyos – Batidero on the North. The northern border of the property is Rio Blanco which is also the border between San Juan and La Rioja provinces. Fieldwork activities are generally confined to the spring and summer months between mid-October and early May.

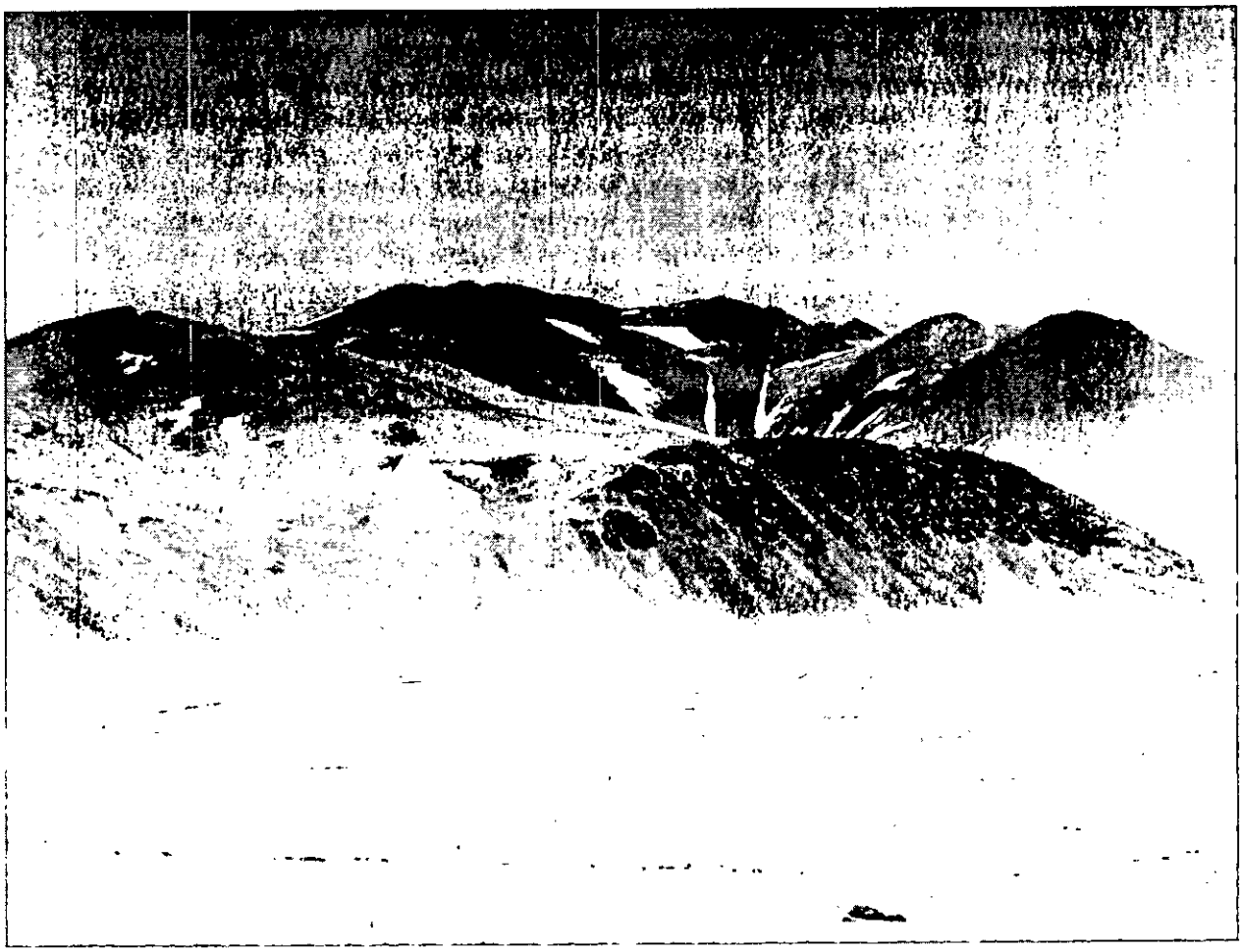


Figure 5.2 Josemaría, view from the North across the Rio Blanco valley

Elevations at Josemaría vary from below 4000 m to approximately 5000 m. Operating an exploration program at these elevations is challenging, requiring an experienced crew and appropriate support. Terrane varies from broad flat alluvial planes 1 km or more wide, to rounded ridges and peaks with varying steepness. Colluvial cover thickens on lower slopes and in places fresh outcrop is difficult to locate. Some cliff faces exist, but in other areas outcrop is scarce.

6.0 History

Prior to 2001 there is no known history of mineral exploration fieldwork or mining on the Josemaría property other than several regional prospecting programs conducted during the 1990s that probably collected talus or drainage samples representing parts of the subject property. It was the activity of various mining companies in the area during the early 1990's that motivated Sr. Lirio and his family to acquire mineral rights to various areas adjacent to other claims. Josemaría was one of these acquisitions of the Lirio family.

The Andes, with their highly exposed outcrop and regolith, are well suited to the application of satellite or aircraft borne remote sensing of alteration minerals associated with prospective exploration targets. Based on analysis of LANDSAT imagery, a large area with spectral response characteristics of hydrothermal alteration was identified in what is now the Batidero cateos. Subsequently, in 1993, Solitario acquired rights to this ground. At this time the claims were named ***Cateo 17*** and the project was known as ***Arroyo Batidero***. During 1994 a small amount of follow up prospecting work was conducted on the claims.

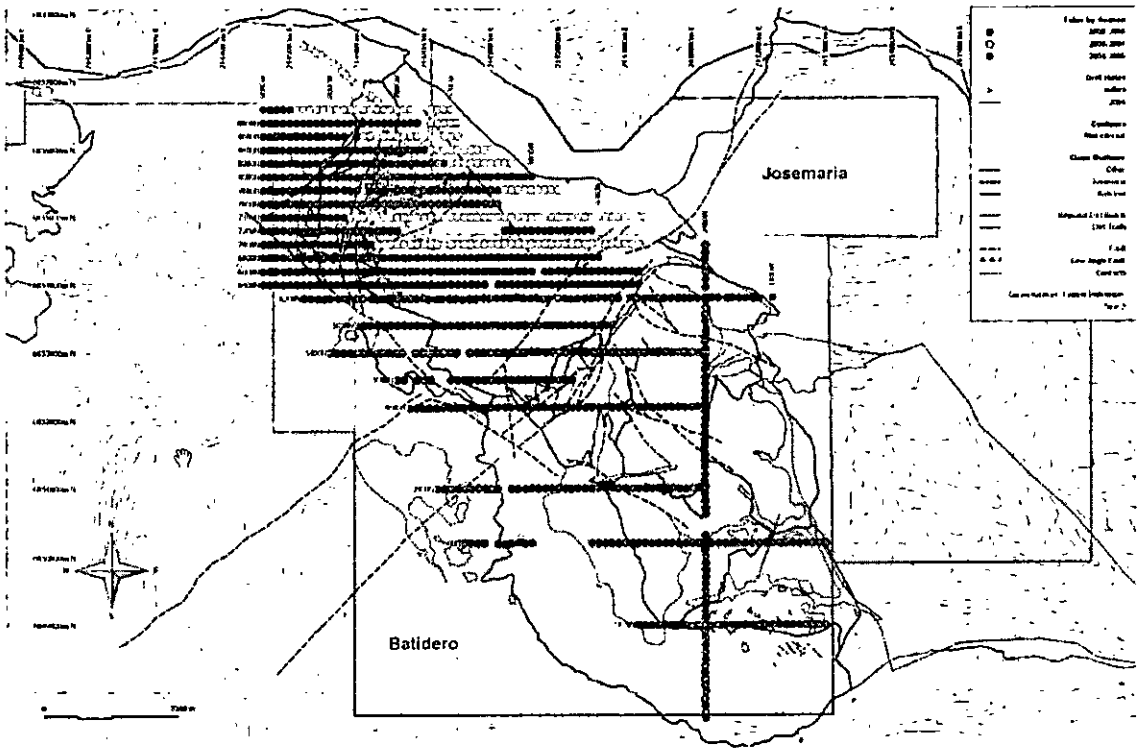


Figure 6.1 Josemaria and Batidero claims with talus sampling by year to 2005

In 1998 Toscana Resources Ltd, (later TNR Resources Ltd and now TNR Gold Corp) took over Solitario and with it acquired a number of properties, including Batidero.

The next phase of exploration began in 2000 when Solitario entered into a joint venture agreement with Barrick Exploraciones de Argentina S.A. (BEASA) to explore Solitario's mineral properties in the Valle de Cura region and the Macho Muerto District. For the purposes of this agreement, CSMA and BEASA created Compañia Minera San Juan S.A. (CMSJ) into which the mining leases (Cateos and Manifestaciones) were transferred. In 2001, on the completion of the agreement, CMSJ was dissolved and the properties returned to Solitario.

In June 2002, the parent company of Solitario (then called TNR Resource Ltd) signed an option agreement with Tenke Mining Corp. Operating through its Argentine subsidiary, Deprominsa, Tenke is in its third season of exploration on the Josemaría and Batidero properties which are now jointly conducted as the Josemaría project. Tenke is in the final stages of earning its 75% interest in Batidero. During the 2002/2003 season Deprominsa began a compilation of geological data on Batidero and adjacent areas which drew their attention NW from Batidero and resulted in the discovery of Josemaría. While Solitario's original interest in the area had focused on the potential for epithermal gold veins, Deprominsa was also interested in the potential for Cu-Mo-Au porphyry systems.

Five field seasons have been completed by Tenke that include significant work at the Josemaría Project.

Work during the 2002/2003 field season was a component of a larger program at the Batidero property. The grid established on Josemaría is a continuation of the grid used on Batidero. Systematic talus-fines sampling was carried out across part of the central zone and peak areas of the property and 16.68 km of CSAMT was surveyed. Two trenches, following road cuts, were sampled over 3 m intervals whenever possible. Trench 1 (T1) returned 109.2 m of 0.36 g/t Au (including 69 m of 0.408 g/t Au), 0.22% Cu (including 46.2 m of 0.34% Cu) and 57 ppm Mo while Trench 2 (T2) returned 148.5m of 0.174 g/t Au, 0.17% Cu and 11.35 ppm Mo.

The 2003/2004 field season saw further detailed mapping and talus-fines sampling. Chip sampling was almost entirely confined to trenches constructed in road cuts. Trenches T1 and T2, started during the previous season, were extended and three additional trenches were added in this area – T4 and T5 oriented roughly E-W and T6 oriented N-S and connecting T1, T2 and T4. The extension to T1 was for a total of 41 m of which 30 m averaged 0.65% Cu, 0.25 g/t Au and 53 ppm Mo. Trench T1-W over 78 m averaged 0.22% Cu, 0.43 g/t Au and 35 ppm Mo. Trench T2 was extended for approximately 79 m with 48.15 m averaging 0.30% Cu, 0.26g/t Au and 33 ppm Mo. Trench T4 runs for approximately 65 m of which 48.6 m averaged 0.28% Cu, 0.19 g/t Au and 25 ppm Mo. Trench T6 runs for 545 m over which it averages 0.27% Cu, 0.26 g/t Au and 33 ppm Mo. Trench T5 was sampled over 25 m of which 10 m returned 0.27% Cu, 0.13 g/t Au and 28 ppm Mo. A 30.45 line-km program of ground based magnetics used the existing talus sampling grid. There was a close correlation between the magnetic results and the Cu-Au-Mo geochemical anomaly identified in talus and trenches during 2002/2003. An IP-resistivity program was conducted on nine lines.

A total of 3,475 m of reverse circulation drilling in ten holes discovered a significant new gold-copper mineralized zone. The discovery hole, the first hole drilled on the project, returned 280 m of 0.51 g/t Au and 0.61% Cu and was open at depth with increasing copper grades. The final hole of the season (JMR 10) returned the best intercept of the program including 350 m of 0.58 g/t Au and greater than 0.55% Cu. Nine out of ten holes focused on testing the central zone intersected significant gold and copper mineralisation. Samples were taken every two metres for multi-element geochemical analysis by ALS Chemex.

The first phase of drilling outlined a mineralized zone that extended 400 m in a north-south direction by approximately 300 m east-west along the faulted contact between an advanced argillic zone and a porphyry setting hosted in upper Tertiary volcanics and porphyritic sequences of the Doña Ana Group. The zone is within the larger main geological-geochemical anomaly that extends over an area greater than six square kilometres.

The 2004/2005 field season, consisted of geologic mapping, talus sampling and ground magnetics with the primary focus being drilling. Thirteen talus sample lines were completed to infill a number of areas at Josemaría and to extend further south onto the Batidero property. In addition, an infill and southern extension magnetic survey was conducted by Quantec Geoscience Argentina S.A. Several previously unknown magnetic features along the southern edge of Josemaría and extending onto the Batidero property were located.

Twenty-one reverse circulation holes (JMRC11 – JMRC 31) totalling 11,291 m and five diamond drill holes (JMDH 01 – JMDH 05) totalling 2,405 m tested to depths of 444 m and 520 m respectively, during the second phase of drilling. The primary objective of this program was to test the continuity of the porphyry system in several different directions. Significant intercepts include: 308 m of 0.44 g/t Au and 0.52% Cu, including 24 m of 0.63 g/t Au and 0.78%Cu (JM RC-13); and 513.35 m of 0.40 g/t Au and 0.38% Cu, including 360 m of 0.44 g/t Au and 0.40% Cu including 151 m of 0.54 g/t Au and 0.46% Cu (JM DH-03). Hole JMRC 27 expanded the mineralized zone significantly to the northwest and returned 364 m of 0.47% copper and 0.34 g/t gold starting at 56 m depth. The last 36 m of this hole contained 0.90% copper and 0.40 g/t Au.

During the 2005/2006 field season, the focus of the drill program was to test the mineralized zone at depth. Two diamond drill holes were completed to a length of 850m. IP-resistivity and magnetic surveys were completed to the north of Josemaria, continuing on to the El Potro property and over the Sillimanita target.

The 2006/2007 field season included 6,092 m of RC drilling and IP-resistivity and ground magnetic geophysical surveys.

7.0 Geological Setting

Regional Geology

Josemaría is situated on the eastern flank of the Andes Mountains within the Frontal Cordillera structural province and at the southern tip of the Central Volcanic Zone. This places Josemaría within the Pampean Flat-Slab Subduction segment (Ramos et al, 2002) which lies between 27° 00' and 33° 30' S latitude. Subduction of the Nazca Plate beneath South America began to flatten approximately 20 Ma ago creating a type distinctive magmatic environment that has resulted in three significant mineralized belts: El Teniente District above the southern transition, El Indio District centrally above the widest part of the flat slab and Maricunga-Farallon Negro Districts above the northern transition (Kay and Mpodozis, 2001) and (Vila and Sillitoe, 1991).

The Frontal Cordillera was built during late Paleozoic to early Mesozoic Gondwanides orogeny. This Andean-style, subduction related orogeny was accompanied by the accretion of several minor exotic terranes. The granitic to granodioritic units of Permian-Triassic age found at Josemaría belong to this orogenic event and are probably the plutonic counterpart of the volcanics in the Choiyoi Formation (Ramos et al, 1986). During Tertiary time, magmatism related to the Andean orogeny, produced thick, widespread volcanic-volcaniclastic cover of andesitic to rhyolitic composition.

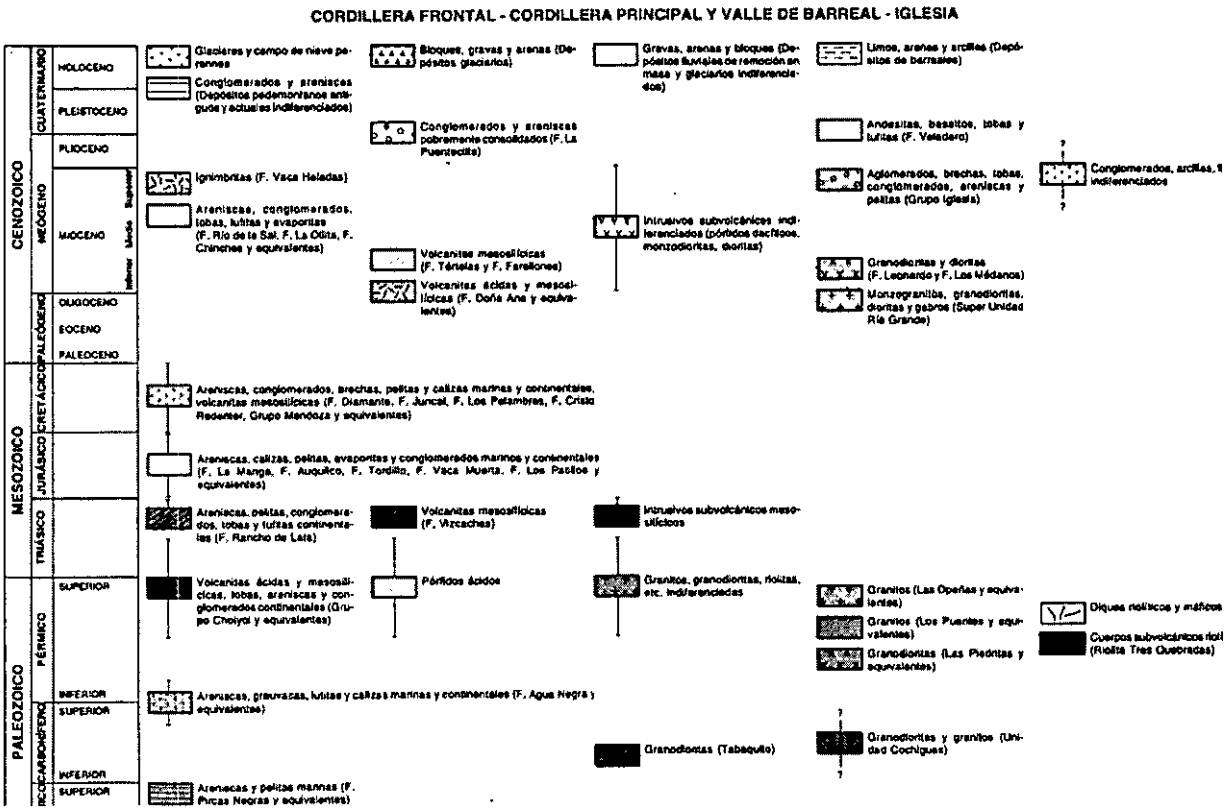
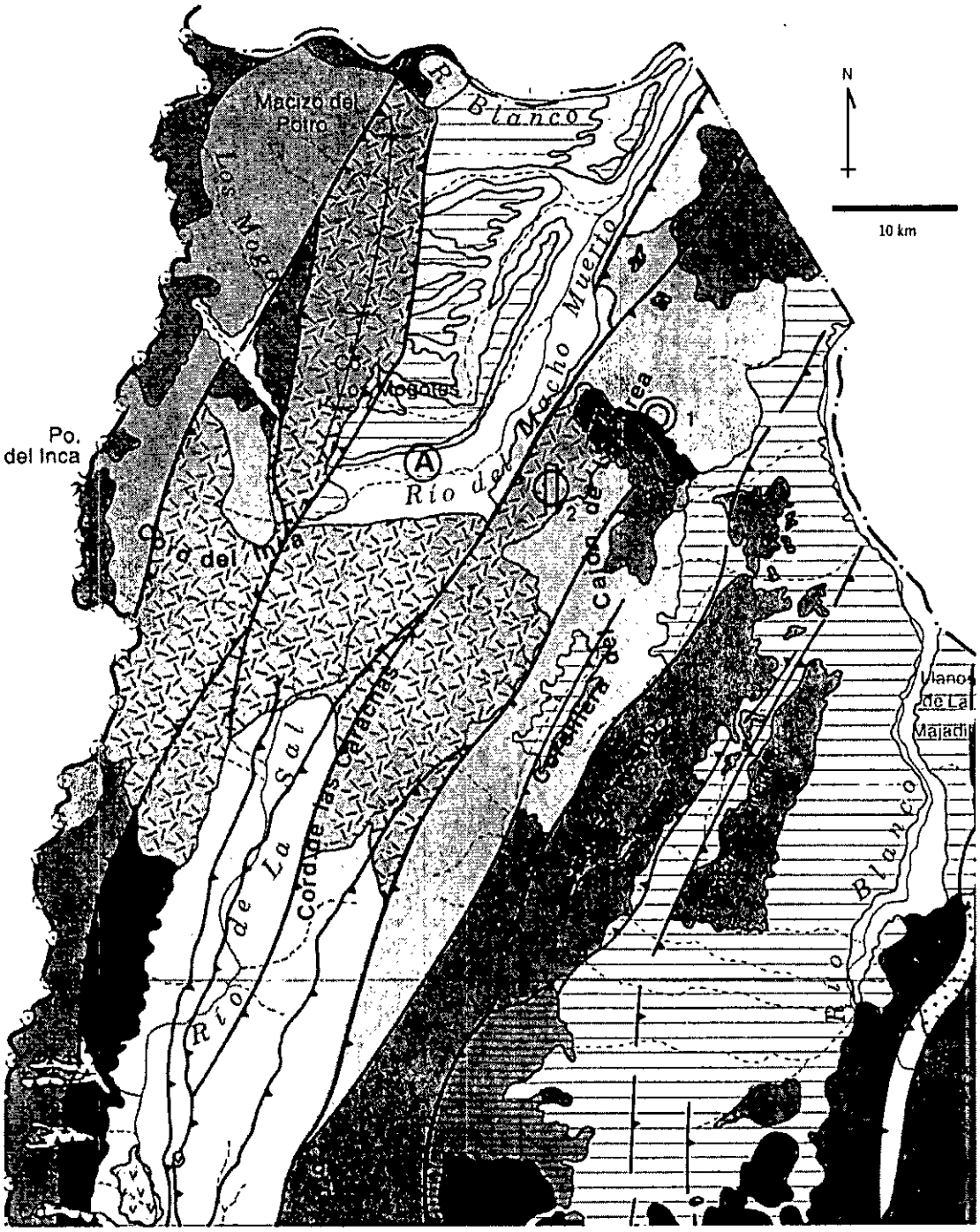


Figure 7.1 Regional Geology Units

The following map is excerpted from (Ragona, 1995). The map is of the northern tip of San Juan province.


N
10 km
Macizo del Potro
Los Mogotes
Cerro Los Mogotes
Po. del Inca
Río del Macho Muerto
Río de La Sal
Cordillera de Los Cerros
Cordillera de Los Frailes
Cordillera de Los Colorados

The immediate region of Josemaría is dominated by eastward-verging polycyclic structures from the Andean and to a lesser extent, Gondwanide orogenies. In addition, a few of the westward-verging thrust faults were formed as backthrusts. Mesozoic extensional structures still exist as N-S elongated horsts and grabens, some of which were reactivated during subsequent Cenozoic tectonic inversion. These reactivated, high angle reverse faults bring Tertiary volcaniclasitc sequences in contact with Paleozoic volcanics and batholithic scale granites Grabens have enabled the preservation of Jurassic – Eocene volcanics (Los Cuartitos and Chapitas Formations) which in turn have been intruded and/or covered by a volcanic / volcaniclastic package grouped under the name Doña Ana Group.

Lithological Units

Paleozoic

Carnerito Formation / Chollay Unit / Choiyoi Group

Carboniferous to Permian (Triassic?).
This is the oldest stratigraphic event in the area and comprises a series of granitoid intrusions, batholitic in scale, some of which have been elevated in horst blocks. Compositionally, these vary from granite to granodiorite. Radiometric age dates between 233 and 224 Ma have been reported, which identifies the intrusions as late Triassic.

Choiyoi Group (or Pastos Blancos Formation)

Permian to Triassic.
This group, sometimes identified as a formation comprises of a series of volcanics of mainly andesitic and rhyolitic composition, some of which are porphyritic. Subvolcanics and lavas commonly include pyroclastic layers. This series overlays the Paleozoic units in horst blocks. The agglomerates and pyroclastic breccias that host the hydrothermal breccias and silicified structures in the NW of the property may correspond with this unit. Intrusives that probably correspond with this group are seen as coarse textured granodiorite porphyries which intrude Paleozoic units. All outcrops encountered during reconnaissance mapping have been strongly altered and associated with the hydrothermal breccias.

Mesozoic

Los Cuartitos Formation

Upper Jurassic to Paleocene.
Reddish and violet, very fine grained sandstones of continental origin. Basaltic and andesitic flows of up to 15m thickness occur near the top of the formation. The formation is correlated with the Chilean Pircas Formation.

Chapitas Formation

The formation is a mixed sedimentary and volcaniclastic package composed of intercalated purple to reddish conglomerates, agglomerates and tuffs, superimposed on rocks of the Choiyoi or interfingered

with Jurassic units. The formation is correlated with the Chilean Grupo Purilactis.

Tertiary

Doña Ana Group

This group includes the Tillito and Escabroso Formations. The rocks are a sequence of volcanics, pyroclastics and subvolcanic intrusions varying in composition from andesite to dacite and latite, deposited in a continental magmatic arc environment during the early Miocene (between 25 and 22 Ma).

Various sources refer to the Doña Ana as either a Formation or a Group. Since usage in Tenke Mining Corp reports refer to it containing the following two formations we will consider it a group in this report.

Tillito Formation

The formation consists of coarse textured porphyritic, andesitic and dacitic flows. Plagioclase and rounded quartz phenocrysts are present. A distinctive feature is partially oxidized biotite. The formation also contains volcanoclastics mixed with agglomerates, tuffs and volcanic breccias.

Andesitic volcanic flows contain a strong penetrative foliation (N-S predominant orientation) and plagioclase phenocrysts in a greyish green groundmass. A distinctive characteristic of this unit is partly oxidized biotite.

Escabroso Formation

The formation comprises massive, fine grained tuffs with rare lithic and crystals, lapilli sized fragments. The tuff is the product of a regional scale ash fall of highly variable thickness.

Quartz diorite porphyry / Doña Ana Group

Upper Oligocene to lower Miocene.
Composition varies from quartz diorite to granodiorite and quartz monzonite. Generally fine grained, hypidiomorphic, and locally associated with magmatic and hydrothermal breccias. Horrnfels is present at many of the contacts.

Cerro de las Tórtolas Formation

Consists of a sequence of volcanics corresponding with a constructive phase of overthrusting and thickening that started in the mid-Miocene. This resulted in magmas having greater difficulty in ascending through a thickened crust of andesitic to dacitic composition. The final unit is basaltic to andesitic.

Veladero Formation

Basaltic to andesitic composition volcanics covering much of the central part of the property may be

Veladero Formation or correlative. This includes the basaltic-andesitic volcanics that unconformably overlay the quartz-diorite porphyry that hosts the Cu-Au-Mo mineralization.

Quaternary

Unassigned alluvial and colluvial material

Recent alluvial material consisting of subangular gravels and unconsolidated sands with frequent cobble and boulder size material currently fill the valleys and depressions. Much of the northern extent of Josemaría, in the Rio Blanco valley, is under colluvial material. Glacial sediments have been mapped on adjacent properties but none have been reported on Josemaría.

Property Geology

The oldest known rocks in the Josemaría area outcrop in the north and west and are medium grained granites and granodiorites believed to correspond to the Permian-Triassic Carnerito Formation of the Choiyoi Group. In the central zone area are porphyritic flows of andesite-dacite composition possibly equivalent to the Tillito Formation of the Doña Ana Group. These rocks are intruded by medium to coarse grained, porphyritic granodiorites containing phenocrysts of plagioclase, quartz and secondary biotite. In places potassium feldspar laths are visible.

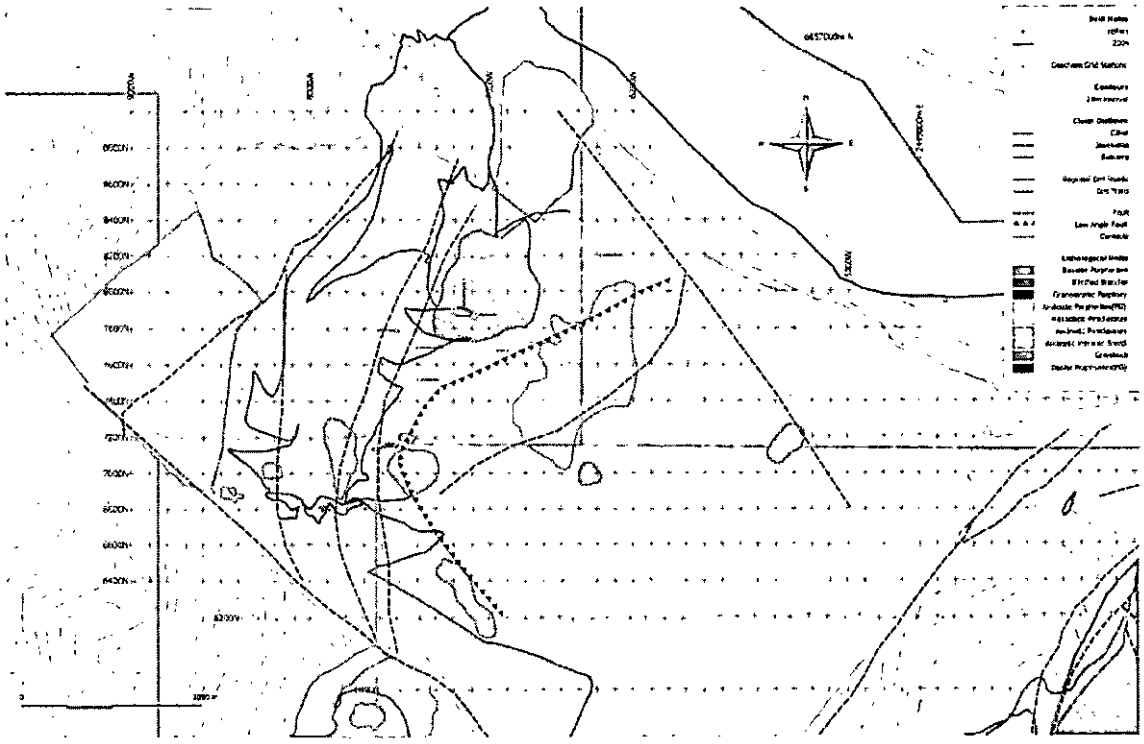


Figure 7.3 Property Geology

Also in the central area are a sequence of pyroclastics of dacitic to andesitic composition positioned sub-horizontally above the andesitic flows mentioned above. Crowning the previous sequence are volcanic sequences of basaltic to andesitic composition.

Intensely silicified, hydrothermal breccias outcrop in various parts of the property. Some of these outcrops are elongated along a NNE orientation. They contain strongly silicified clasts and matrix, vugs of iron oxides and native sulphur. Near the central zone, a series of three hydrothermal breccias have been mapped forming a line spacing the breccia outcrops at 1000 m and oriented at approximately ESE. Two of the outcrops are elongate in a NNE direction and no currently mapped structural control connects the breccias. Consequently, the linear relationship of the three outcrops is either coincidental, or the result of deeper source with no surface expression. The two eastern breccia outcrops (at 7000N, 6450W and 7200N, 5300W) are also adjacent to magnetic highs.

Tectonic breccias are also reported on the property. Some of these appear to be associated with the low angle fault(s).

Toward the south is a sequence of pyroclastic andesites, fresh to sub-propylitic, in contact with a volcanic breccia containing an andesitic matrix supporting syenitic clasts.

During the 2005/2006 field season more effort was placed on petrology and property geology interpretation. Property geology terminology was formalized and the descriptions of the various lithology units are summarized in the section below.

Edad	Litologías
Qt	Basaltos y Basaltos andesiticos Brechas Hidrotermales Qz+Hem
Tc	Vulcanitas andesíticas/basalticas estériles Brechas Tectónicas Tobas, Vulcanitas y/o porfiriticas dacíticas con alteración Argílica Avanzada Porfiritas Dacíticas/Andesíticas intrusivas Vulcanitas porfíricas Dac/Andesíticas con alteración Filica leve s/Propílica o Subpropílica, mineralizadas con venilleo de Sil, Hem
Pm-Tr	Vulcanitas traquíticas de la Fm Choiyoi Granito grueso de la Fm. Choiyoi

Table 7.1 Lithology

Basalt and Andesitic Basalt

The principal outcrops in the area occur at higher elevations at Josemaria and on the southern flank. Outcropping rocks are dark green to black in color, magnetic, with an aphanitic texture and without any observable quartz veins. This unit was not intersected in any drill hole.

Hydrothermal Breccias

Hydrothermal breccias are variable in shape and size and are characterized by a high silica content, as silica cement, and various limonites. Breccia fragments are variable in composition, size and alteration, some being characterized by advanced argillic alteration, massive silicification, and vuggy silica. Outcrops of hydrothermal breccias are aligned approximately east-west in the southern half part of the project area and have been intersected over 20 to 30 meter intervals in drill holes: JMRC14, JMRC19, JMRC20 and DDH05, with some anomalous in gold (e.g. DDH05).

Andesitic Volcanics

This unit includes volcanics with variable composition (dacitic/andesitic/basaltic volcanic breccias) that dominate the project area and are tectonically superposed on intrusive rocks and other porphyries by a low angle SW-NE fault dipping 25° to the SE. This unit is devoid of mineralization including sulfides, Cu oxides and Au. This unit is magnetic in character, has a very fine texture, very little or no alteration and with low intensity veining (without quartz). This unit is apparent in section 7400 N where it is cut by drill holes JMRC-16, JMRC-15 and JMRC-18 where it reaches approximately 90 m in the last hole (not true thickness).

This unit is in places characterized by intense, texture destructive advanced argillic alteration, silicification, sericitization, with intense quartz stockwork and pyrite veinlets. These rocks form a positive topographic expression in the western sector of the project area (called "El Dedo") and extend in a north-south direction to the Río Blanco River. The rocks are observed in holes JMRC-27, DDH-02, JMRC-03, JMRC-32, JMRC-21, JMRC-13, DDH-07 and DDH-03.

These rocks are distinctive in that they are characterized by an absence of magnetite, a totally obliterated texture, white to pale gray in color, high PRS (relative % of sulfides), with primary and secondary copper sulphide mineralization. They are affected by advanced argillic alteration to depths that vary between 50 and 80 metres, thereafter grading into strong phyllic alteration characterized by pervasive silica, sericite and illite as shown in the photos below. The first photo shows volcanics affected by advanced argillic alteration, abundant pervasive silicification with oxides and clays in fractures DDH-03 at 33 m depth. The second photo shows the same volcanic unit characterized by strong phyllic alteration in hole DDH-02 at 187 m depth.

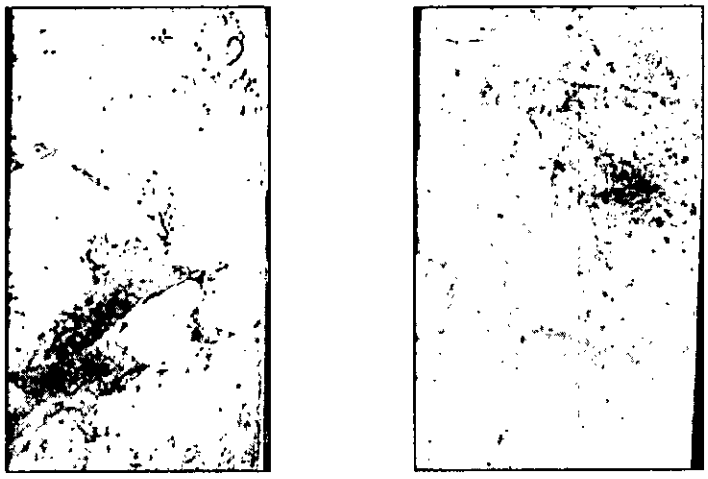


Figure 7.4 Andesitic Volcanics

In general, gold and copper values are low within zones of argillic alteration, while zones of phyllic alteration are elevated in gold and copper being characterized by secondary copper sulfide enrichment and perched primary mineralization.

Intrusive Dacitic/Andesitic Porphyries

Dacitic/andesitic porphyry rocks rarely outcrop, being limited to surface exposures in the area of drill holes JMRC-04, JMRC-08 and JMRC-19. Porphyries are mainly silicic-andesite to dacite in composition (according to the petrographic report of E. Tiddy), cut by narrow, aphanitic intrusive bodies that are dark in color, and hydrothermal breccias. These rocks vary in texture according to the

degree of alteration, however appear to be more phyric towards the west and in the center of the intrusive body. Composed mainly of phenocrysts of quartz, plagioclase, biotite and mafic primary minerals, these rocks are cut by quartz stockwork and veinlets of pyrite and chalcopyrite. Observed secondary sulfides are chalcocite and covellite and are more abundant towards the west, whereas there is a significant increase in molybdenite and magnetite towards the east. This unit intrudes fine grained (aphanitic) andesitic volcanics with contacts that are irregular. These rocks are affected by different alteration styles.

The figure below shows first a photo of dacitic porphyry with SCC alteration (Sericite-Chlorite-Clay) intersected in drilling (DDH-02 at 466 m); second a photo of dacitic porphyry with variable SCC and propylitic alteration with an increase in chlorite and yellow clays (DDH-04 at 283 m); and third a photo of dacitic porphyry affected by potassic alteration with disseminated secondary K-feldspar and biotite (DDH-06 at 621 m).

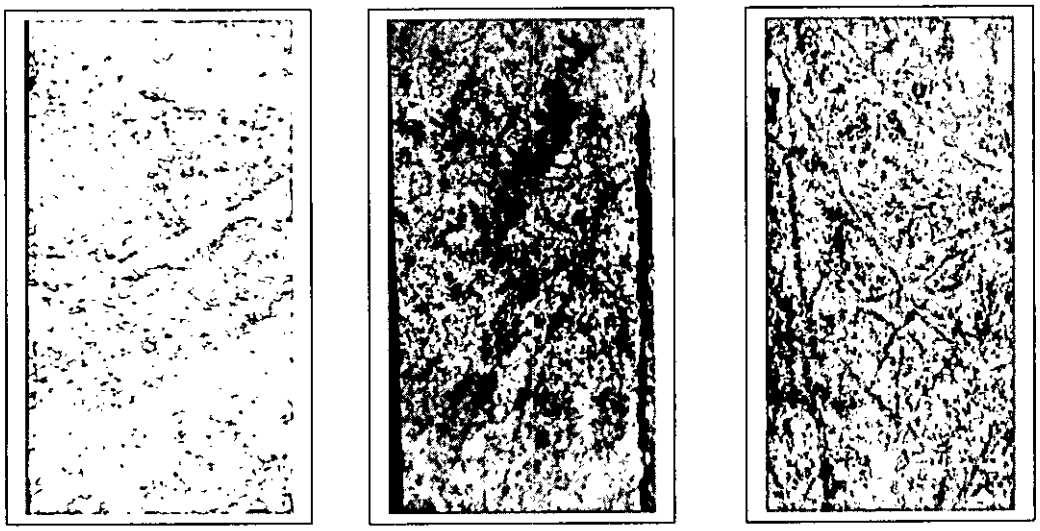


Figure 7.5 Dacite Porphyry

Volcanic Andesitic Porphyry

These porphyries are andesitic in composition, display an aphanitic texture, are gray to greenish in color, are affected by phyllic alteration, and become propylitically altered to the east. They are characterized by quartz +/- pyrite stockwork and veining, magnetite, and hematite and display an irregular to transitional boundary with younger porphyritic intrusives that is, at times, difficult to trace. These rocks have been identified in all drill holes. A greater abundance of secondary copper sulfide mineralization is observed towards the western sector. Like the intrusive porphyries, the magnetic susceptibility and lack of quartz veinlets is more pronounced towards the east.

The figure below shows first a photo of volcanic andesites displaying weak phyllic alteration overprinting propylitic alteration (DDH-04 at 76 m); secondly the same rock (DDH-04 at 156 m).

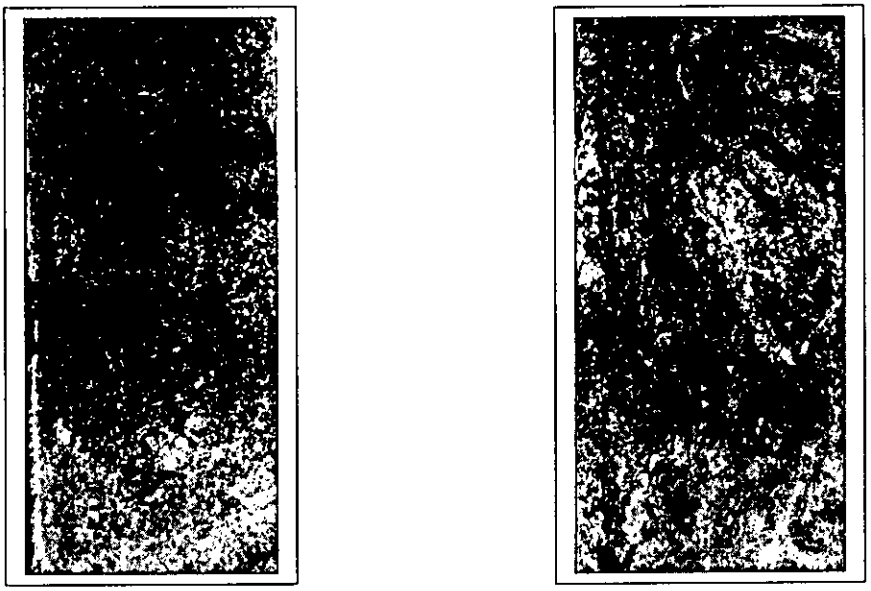


Figure 7.6 Volcanic Andesite Porphyry

Pm-TR Trachytic Volcanics

Permian to Triassic volcanics outcrop to the southwest of Josemaría and correlate with the Choiyoi complex. This unit was intersected while drilling the northwest target in drill holes JMRC-041, JMRC-044 and JMRC-047.

Granitic Intrusives of the Carnerito Formation (Pm - TR)

This unit outcrops to the north-northeast and west of Josemaría. It is of granitic composition, coarse grained in texture, and correlates with several magnetic high anomalies. These rocks are possibly of Permo-Triassic age and belong to the Carnerito Formation. These rocks were intersected at depth in hole JMRC-006 and JMRC-042 without favorable results.

Structure

Strong lineaments grouped in WNW-ESE and NE-SW orientations, cross the area producing the major visible breaks. Studies conducted by Tenke Mining Corp. on the nearby Vicuña Project using LANDSAT data identified five principal structures of regional faulting. Within Tenke Mining Corp reports these are named: from north to south, *Mogotes Fault Swarm*, *Maranceles Fault Swarm* and *Rio Potro Fault Swarm* all with WNW-ESE orientation. The remaining structures, oriented NE-SW, are named *Cerro Amarillo Fault Swarm* and *Macho Muerte Fault Swarm.* These structures connect the majority of colour anomalies and mineral occurrences in the area. A further N-S feature dividing the Eastern and Western Blocks is terminated and possibly translational between the WNW and NE oriented groups.

Geochemical traces of the faults differ and are sometimes absent but when present, may provide some clues to support structural interpretation and timing of activity. WNW to NNW structures are believed to be strike-slip and related to Andean compressional cycles. Some of these may have been reactivated during uplift with a reverse sense of movement. The NNW structure to the north and north-east of the central zone has a coincident broad, low-Na pattern possibly due to increased fluid flow that resulted in greater plagioclase destruction adjacent to the fault. Gold in not as closely associated with the NW oriented faults as it is with some NE, high angle faults. This is noticeable immediately to the W and NW of the central zone and in a linear Au trace running for >800m about 1km east of the centre of the porphyry intrusive. This pattern implies that NE oriented, gold bearing structure as open or active during the late stages of mineralization. Note that the trace of this NE structure may go under younger basaltic cover to the south and is parallel with the NW edge of the western of the two magnetic highs on the Josemaría – Batidero border.

Considering the shape and spatial relationship between the NW and NE structures there is a distinct possibility that some of the NE oriented structures are dilational components generated within the wider compressional environment that produced the NW strike-slip structures. Porphyry systems are preferentially emplaced in strike-slip environments and associated dilational windows (see (Carranza, 2002), for an example of a study using semi-quantitative methods to examine this relationship empirically, and (Richards, 2003) for a geological overview). On Batidero, an inferred, short N-S structure, probably bounded by intersecting NE and NW structures, follows the main N-S valley. This could represent a dilational jog between NW oriented strike-slip structures. Since direct observation of the geology of this area is obscured by substantial colluvial cover, confirmation is difficult.

An important structure that is not yet fully understood is the low angle fault that reaches surface as the southeastern, upper contact of the central zone granodiorite. It dips between 25° and 35° SE and is believed to wrap around to the Batidero side of the mountain hosting Josemaría. Basaltic-andesitic volcanics above the thrust are fresh to weakly altered (propylitic) in contrast with more strongly altered units (phyllic to potassic) immediately below. Truncation of the porphyry intrusive and sharp break in alteration clearly indicate the thrust is post-mineralization. The down dip direction of the fault tends to follow the down slope direction of the mountain resulting in a reduced thickness for the volcanic cover.

Although this low angle structure is often referred to as a thrust, the uplift environment associated with the porphyry emplacement stage could have resulted in low angle extensional structures at higher levels. If that is the case then the original top of the Josemaría Cu-Au-Mo system would have been displaced to the SE.

A number of high angle reverse and strike slip faults are hypothesized on the property, however cover makes investigation and interpretation difficult even though topography and LANDSAT confirm some form of structural break.

Alteration Mapping

Alteration mapping by LANDSAT imagery was a primary tool used in identifying Josemaría (and Batidero) as exploration targets. Subsequent ground-truthing has confirmed many of the patterns and added mineralogical detail. It is interesting to note that alunite detected using LANDSAT tends to be conservative in coverage and considerably greater extent was found by ground work. Illite, on the other hand, seems to suffer from false positive signals in LANDSAT and groundwork showed significantly less coverage.

Subsequent alteration mapping of the adjacent property, Batidero, was assisted by 59 samples that were collected and spectrographically analysed by PIMA for alteration minerals during the 2000-1 season. This work has continued on Josemaría and alteration mapping has been an important contribution to locating exploration targets. Porphyry intrusive systems and their associated epithermal systems have well documented alteration systems.

As part of the 2005/2006 and 2006/2007 exploration program the alteration mineralogy of each hole has been logged visually and supported by SWIR spectra using PIMA taken from each 10 m interval and selected samples submitted for petrographic analysis by Dr. E. Tiddy.

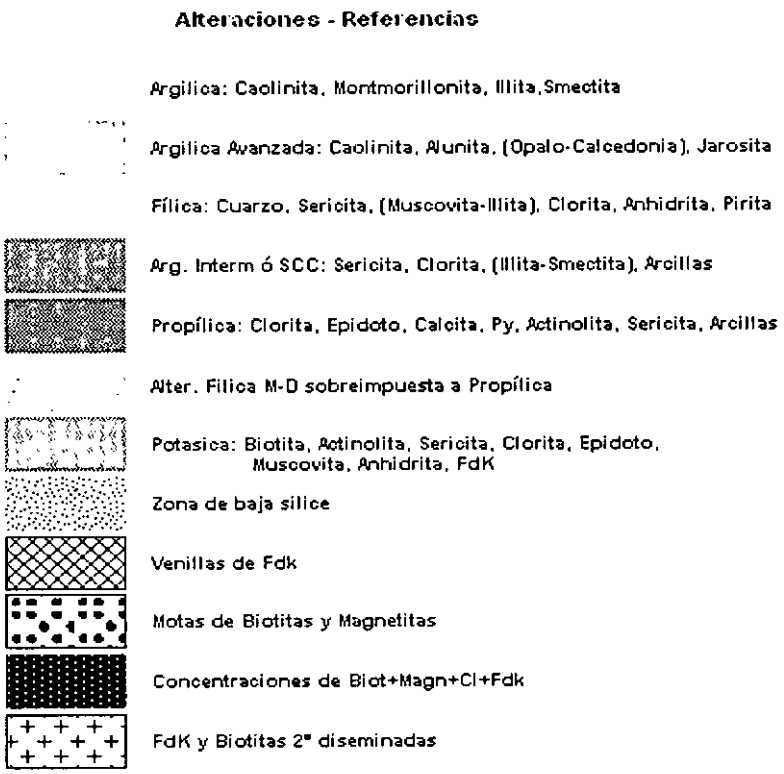


Table 7.2 Alteration Reference

Potassic

Potassium silicate alteration is characterized by potassium feldspar, secondary biotite, magnetite, anhydrite with remnant chlorite and epidote. Pyrite, chalcopyrite and bornite are the dominant sulphides in this zone, although with relative low values of copper (average values in DDH-06 & DDH-07 of 0.13 g/t Au, 0.23 % Cu and 79.5 ppm Mo). In drill holes DDH-06 and DDH-07 this alteration type is evident between 4100 m to 4200 m where a zonation is evident from potassium feldspar veinlets, to secondary biotite and magnetite as shown in the shown in Figure 7.7 first photo below. The second photo shows transition to scattered secondary biotite and potassium feldspar and the third photo shows transition to biotite, magnetite, chlorite and potassium feldspar.

Potassic alteration predominantly associated with quartz diorite intrusive in the core of the central Josemaría zone can be seen in outcrop, trenches and in core. This alteration is characteristic of the centre of porphyry intrusive systems. Late phyllic overprinting can result as the hydrothermal system winds down.

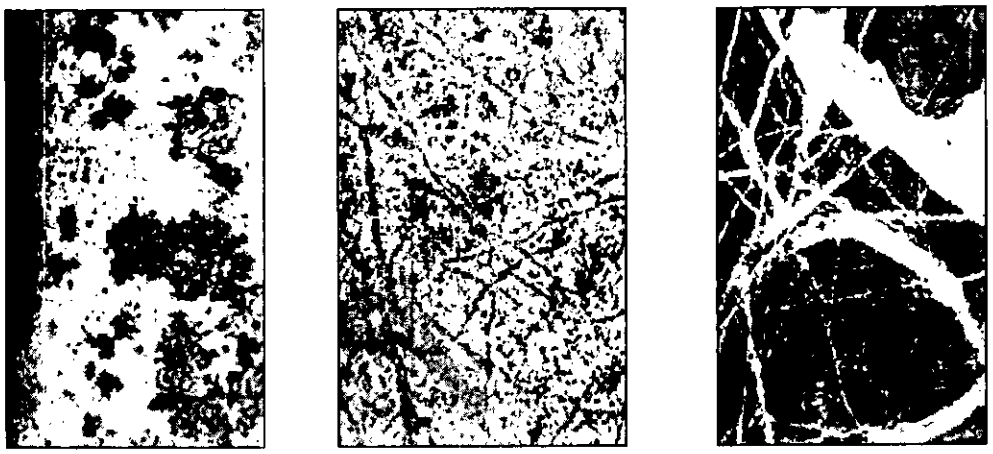


Figure 7.7 Potassic Alteration

Phyllic Alteration

Phyllic alteration is characterized by quartz, sericite and/or sericite-illite, and pyrite which is commonly texture destructive. This alteration mainly affects tuffs, volcanics and intrusive porphyries, especially towards the south (see section 7400 N) where pervasive silica and destruction of feldspars by illite and sericite is clearly stronger than towards the north. In rocks which have undergone phyllic alteration it is impossible to observe chlorite or magnetite. The main mineralogical association of quartz, sericite and pyrite commonly displays a transition to quartz, illite, illite-smectite and pyrite with increasing depth. Associated sulphide minerals include chalcopyrite, covellite and minor bornite and chalcocite. Rocks displaying phyllic alteration are characterized by intense quartz +/- pyrite veining and stockwork with the percentage of sulfides reaching as high as approximately 10 % (DDH-03 at 288 m).

Examples of phyllic alteration are shown in Figure 7.8 below. The first picture shows phyllic alteration in intrusive porphyries (DDH-02 at 214 m); the second picture shows altered tuffs and volcanic porphyries (DDH-03 at 272 m); the third picture shows intrusive porphyries (DDH-02 at 418 m).

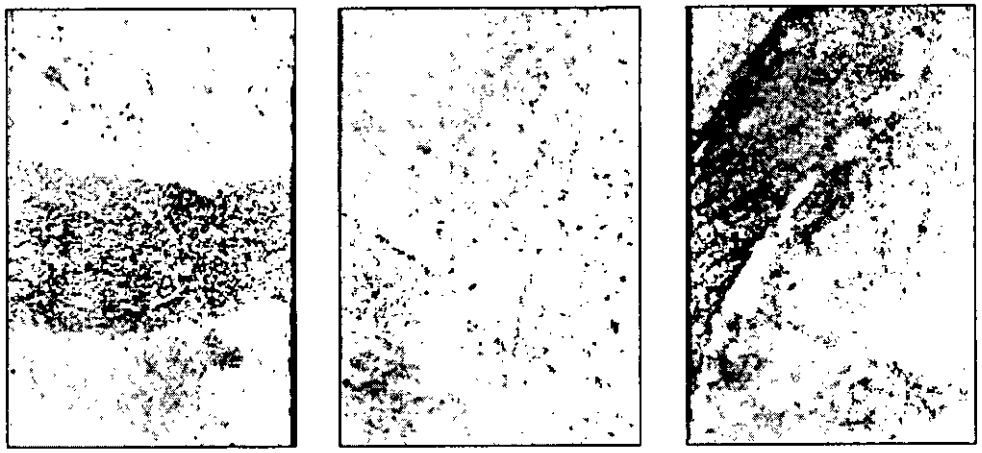


Figure 7.8 Phyllic Alteration

Weak Phyllic Alteration Overprinting Propylitic Alteration

In a number of cases irregular areas of alteration are observed where the effects of phyllic alteration are weaker and where the original texture of the rock can still be recognized. These areas of alteration are characterized by lesser amounts of sericite and a greater presence of chlorite and magnetite. Its mineralogical association is quartz, illite, illite - smectite, chlorite, green sericite, pyrite and magnetite. It affects aphanitic andesites and intrusive porphyritic rocks. It tends to be associated with quartz +/- pyrite stockwork often with chalcopyrite, chalcocite and covellite, especially towards the west. With depth it is transitional to propylitic or SCC alteration.

Examples of weak phyllic alteration are shown in Figure 7.9 below The first picture shows aphanitic andesites with weak phyllic alteration superimposed on propylitic alteration (DDH-04 at 80 m); the second photo shows dacitic porphyry with quartz stockwork with weak phyllic alteration superimposed on propylitic alteration (DDH-04 at 206 m); the third photo shows the same porphyry (DDH-04 at 237 m) with an increase in chlorite.

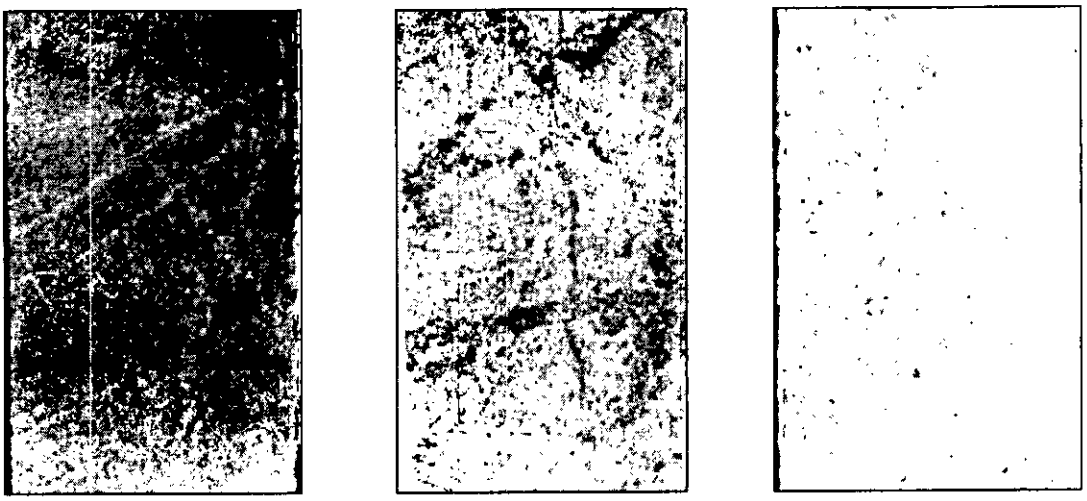


Figure 7.9 Weak Phyllic Alteration Overprinting Propylitic Alteration

Argillic

Five mineral assemblages, identified using PIMA, are consistent with an argillic alteration suite: smectite-kaolinite-illite (Sm-Kao-Ill), smectite-halloysite (Sm-Ha), smectite-illite-silica (Sm-Ill-Si), smectite-illite (Sm-Ill) and smectite-halloysite-illite (Sm-Ha-Ill). These are interpreted as more probably associated with high-sulphidation epithermal systems in Batidero and possibly as late-stage overprinting associated with porphyries in Josemaria. Argillic alteration is predominately associated with andesite flows that host quartz veins, and in hydrothermal breccias hosted by the andesite porphyry.

Advanced Argillic

Three mineral assemblages identified are consistent with advanced argillic alteration: kaolinite-diaspore (Kao-Dia), alunite/alunite-quartz (Al/Al-Qz) and alunite-kaolinite (Al-Kao). This type of alteration is well developed west of the central zone and also affects the andesites and hydrothermal breccias south of the central zone.

Recent work has shown that advanced argillic alteration forms a blanket of irregular thickness, being greatest on the central sections of 7800N and 7600N, and appears to be more extensive within very fine grained porphyries and volcanic tuffs where thickness of up to 80 metres are observed. This alteration type is characterized by pervasive silica, jarosite, and alunite displaying a transition to silica, kaolinite, jarosite, and illite with abundant iron oxides with increasing depth. In plan, advanced argillic alteration forms a north-south trending belt towards the Río Blanco River and corresponds to the leached zone. This zone is rarely anomalous in Au and, to a much lesser extent, Cu.

Examples of advanced argillic alteration are shown in Figure 7.10 below. The first picture shows

alunite, silica, quartz stockwork with jarosite (DDH-02 at 12 m); the second picture shows silica, kaolinite, hematite, jarosite (DDH-03 at 33 m); the third picture shows silica, alunite, kaolinite, illite (DDH-02 at 58 m).

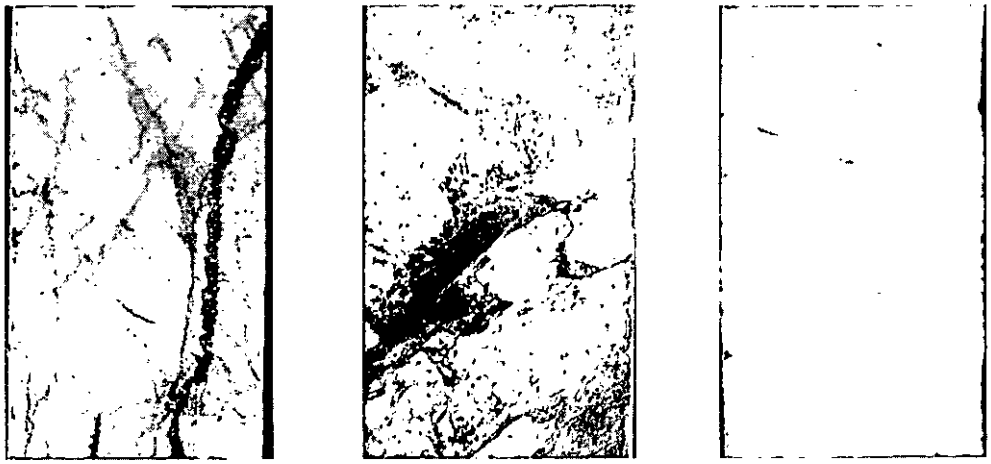


Figure 7.10 Advanced Argillic Alteration

Silicic

Silicification and opaline quartz has been observed in hydrothermal breccias on or near Josemaría and on adjacent propeties. The silicification commonly occurs as pervasive replacement by opaline quartz in the dacites-rhyodacites.

Propylitic

Propylitic alteration occurs regionally within this part of the Frontal Cordillera. It is locally associated with a smectite-chlorite-illite ± pyrite-carbonate (Sm-Chl-Ill) suite. At Josemaria propylitic alteration occurs laterally or perched between phyllic alteration and SCC alteration with a progressive increase towards the east and distal parts of the system. Its distribution and contacts are irregular with abrupt changes over several metres. Its mineral association is chlorite, epidote, calcite, illite-smectite, pyrite, magnetite and hematite. Silica occurs as veinlets that occur occasionally. Copper and gold concentrations are low in spite of some sectors having a high percentage of sulfides. Gypsum veinlets are almost always present and cut quartz veinlets, while plagioclase is sometimes altered to clay. This alteration type normally affects intrusive porphyries.

Examples of advanced argillic alteration are shown in Figure 7.11 below. The first picture shows intrusive porphyries with propylitic alteration with selective destruction of plagioclase to clay (DDH-02 at 281 m); the second photo shows the same rock with propylitic alteration and gypsum veinlets parallel to the core (DDH-02 at 354 m).

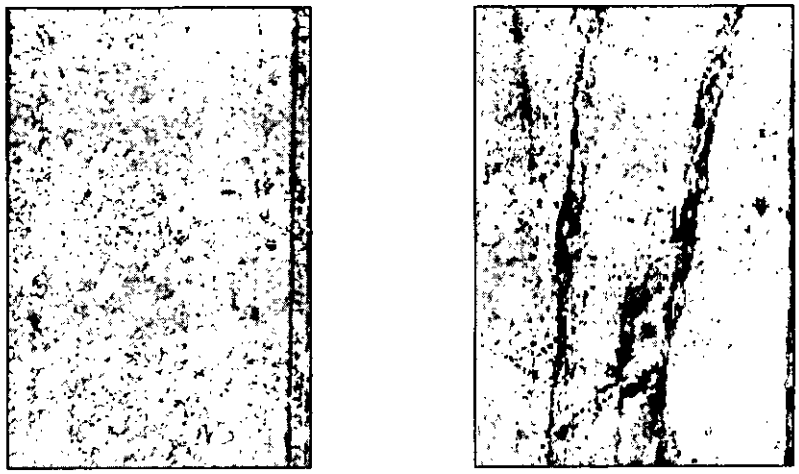


Figure 7.11 Propylitic Alteration Photos

Sericite Clay Chlorite - SCC Alteration

This alteration type overprints propylitic and potassic alteration and typically occurs spatially below phyllic alteration. Its mineral association is characterized by chlorite, green sericite and clay (illite-smectite). Plagioclase is typically altered to yellowish clay or at times completely leached. SCC alteration is also characterized by magnetite, pyrite and gypsum +/- chalcopyrite with lesser amounts of chalcocite and covellite compared with zones of phyllic alteration. Potassic feldspar veinlets are also observed and are considered to mark the beginning or top of the potassium silicate alteration zone. This alteration affects the intrusive porphyries and is accompanied by higher concentrations of Cu and Au. A maximum thickness (240 m) of this alteration type was observed in hole DDH-07.

Examples of advanced SCC alteration are shown in Figure 7.12 below. Different examples of SCC alteration include (a) Chlorites dominant (DDH-04 at 290m); (b) Leached plagioclase (DDH-04 at 305 m); (c) Clay dominant (illite/smectite) (DDH-04 at 313 m); (d) (DDH-02 at 413 m); (e) Chlorite = illite (DDH-02 at 433 m); (f) (DDH-02 at 483m).

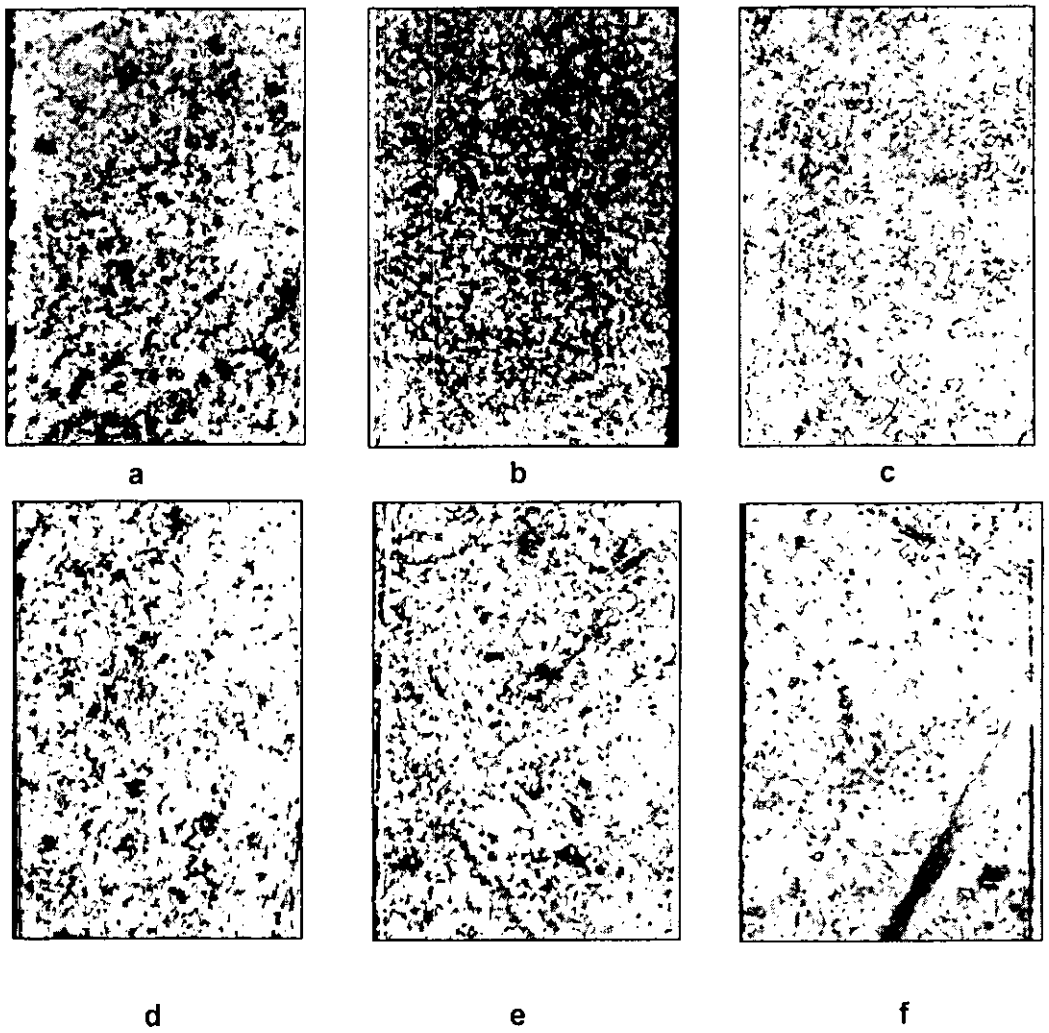


Figure 7.12 SCC Alteration

8.0 Deposit Types

The following deposit models are being considered at Josemaría. Although the project is in early stages of exploration, it has been found useful to apply deposit models at all exploration stages in order to encourage data collection and evaluation in a more systematic manner.

Maricunga Style Cu-Au-Mo Porphyry Systems

The Maricunga Belt of northern Chile contains a number of advanced argillic alteration zones hosting Cu-Au(-Mo) porphyry systems and associated high sulphidation gold deposits. This is a district specific specialization of the much larger family of Cu±Au±Mo porphyry systems found throughout the Pacific Rim. Porphyry systems are a major source of Cu, Mo and to a lesser extent Au and can be very large systems. Porphyry related deposit models have been studied and documented in considerable detail over the last few decades and the interested reader is directed to papers by (Muntean and Einaudi, 2000), (Muntean and Einaudi, 2001) and (Richards, 2003).

Porphyry systems are found in intrusive belts associated with subduction generated magmatism. They are formed in the ascending magmas below volcanic systems. Broad alteration of the surrounding rocks and intrusives takes place as hot fluids are pumped through by the convective heat engine in the core of the system. Concentric shells of alteration and mineralization can develop around porphyry systems and this systematic zonation is an important characteristic of porphyries that enables geochemistry and alteration mapping to provide vectors to ore. Ore contains both disseminated sulphides and various veinlet and stockwork systems which also host sulphides. Metal grades in porphyries are lower than in deposits with massive sulphide bodies, but the large volume of the system leads to economies of scale potentially resulting in the porphyry being of economic value.

An important characteristic of porphyry districts is that they do not form deposits in isolation. A number of porphyry systems tend to be emplaced in proximity. This is know to be the case in other Maricunga Belt systems such as Refugio where mineralized porphyry bodies as spaced in the order of 1km apart. This spacing is important to consider when evaluating step out exploration at Josemaría.

High / Low Sulphidation Epithermal Au-Ag Veins

Although Cu-Au-Mo porphyry systems can be large and economically attractive, some of the prospects in the Maricunga Belt include epithermal Au systems. These are a secondary target at Josemaría but are being considered as geochemical, geophysical and geological data is evaluated. Epithermal systems may host veins with economic deposits of Au and Ag. The variety of epithermal styles is quite large and has been studied in depth over the last few decades. Epithermal styles typical of the Maricunga Belt are described in the papers mentioned above.

Epithermal vein systems are associated with distal and/or late stages of porphyry intrusions. They are the result of convective and magmatic fluid flow through structure controlled plumbing systems leading to the surface. The temperature, chemistry and other characteristics of the system result in the

range of epithermal systems.

9.0 Mineralization

Based on the current stage of development, Josemaría seems similar to porphyry mineralized systems found the Maricunga belt. It is characterized by disseminated sulphides, mineralized quartz veinlets and some sulphides on fracture surfaces hosted within a granodiorite to quartz diorite intrusive. Pyrite, chalcopyrite and bornite and noted as disseminated and in quartz veinlets with chalcocite, pyrite and chalcopyrite reported on fracture surfaces. Disseminated magnetite is described as is occasional epidote. Specular hematite and magnetitie are noted in quartz veinlets in the intrusive.

To the west of the central zone there are indications of a NNW trending quartz-alunite zone. This is distinguished both by a change in alteration style and geochemistry (significant increase in Au/Cu ratio). While quartz-alunite ledges enriched in Au are found in Maricunga style deposits, not all are economic.

To the southeast, the mineralized zone appears to be upwards truncated by a post-mineralization, low angle fault that has brought a younger volcanic sequence over the older intrusives. The sense of motion on this fault is currently unclear. Considering the relative height of the fault within a compressional system experiencing significant uplift, there is a significant possibility the fault is extensional. In that case, the shared top of the central zone has been displaced in a roughly southeasterly direction.

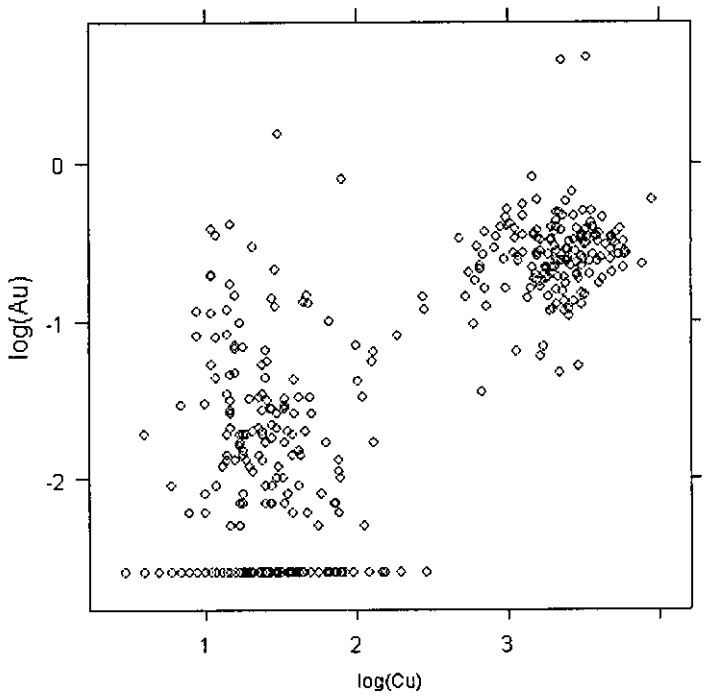


Figure 9.1 Copper versus Gold in Rock Chip Samples (N=389)

Mineralization styles specific to the Maricunga belt are described in (Muntean and Einaudi, 2001) and have been used to help interpret work at Josemaría. Two of the four vein styles found in a Maricunga-style system have been tentatively identified at Josemaría. These two styles are the late stage, D-type veins (pyrite with minor quartz and quartz-sericite-pyrite haloes and local tourmaline) and quartz-alunite ledges. Some elevated gold values are reported with the quartz-alunite suggesting that they are late stage quartz-alunite ledges, not the early stage, barren, quartz alunite ledges also found in Maricunga Belt systems. These late stage veins can be moderately distal to the core of the porphyry system, but as the system collapses the environment where they form may contract inwards. The quartz-alunite to the WNW of the central zone is quite close to what is believed to be the core of the system. Other than the proximity, there is currently no indication of structural reduction in section and the proximity is assumed to be due to available fluid conduits to a collapsing system.

The two early vein types – A-type (quartz-magnetite-biotite-chalcopyrite with additional variable minerals) and banded quartz veins may both be present at Josemaría as well. Core drilling in the current season is likely to be able to determine if weathered veins seen at surface in the core, potassic alteration zone are in fact equivalent of the A-type veins.

In Figure 9.1 two features can be identified (both Cu and Au are $\log_{10}()$ transformed from ppm). The high Cu with high Au cluster does not show noticeable correlation between Cu and Au. The trend of lower Cu values shows a greater range in Au that is independent of Cu. This suggests two different mineralogies, possibly existing as two of the vein types previously described. A clear break at about

300 ppm for Cu divides high Au values into those with or without high Cu. Talus samples with low Cu and high Au are associated with the quartz-alunite alteration to the NW of the core and to the NE with sporadic values scattered to the south as well.

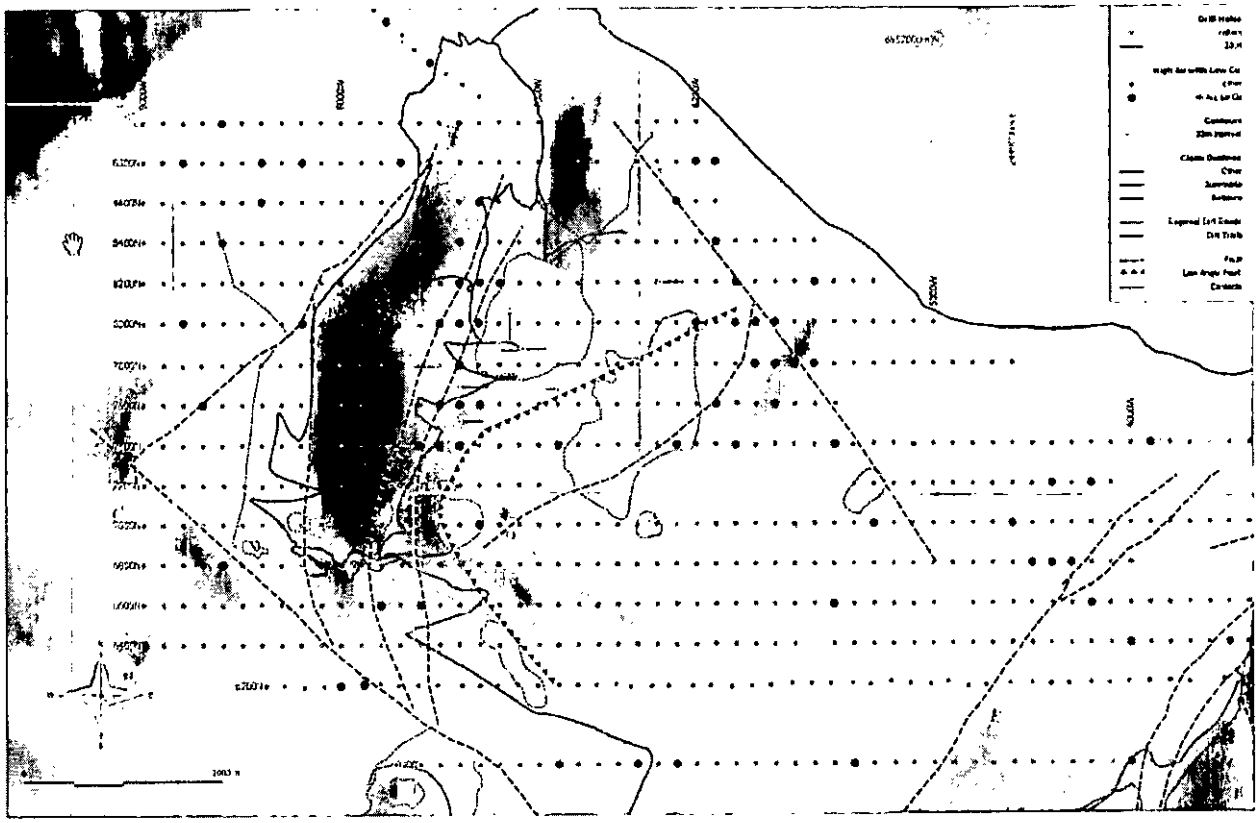


Figure 9.2 Talus samples with anomalously high gold values but low copper values

The style of mineralization seen at Josemaría tends to be continuous, forming roughly bulbous shapes. Since the mineralization is not tabular or planar there is not the sense of true versus apparent thickness found in some mineralization styles such as vein-type deposits. Consequently, the interval lengths at Josemaría are meaningful and definition of the shape of mineralization and grade will be clarified by the interpretation of the results from current and future drilling.

10.0 Exploration

A total of 5 exploration field seasons have been completed that include significant work on the Josemaría project.

2002/2003 Field Season

The work completed on Josemaría in this season was a component of a larger program on the combined Josemaría-Batidero project. The grid established on Josemaría is a continuation of that used on Batidero and uses an origin of 2,453,600E, 6,847,600N (GKCI Zone 2) with lines oriented parallel to the GKCI grid.

Geochemical Surveys

Table 10.1 2003 Rock Chip Samples

Sample Type	*Quantity*
Rock chip	106
Talus fines	219

Talus Fines

Systematic talus-fines sampling was carried out across part of the central zone and peak areas of the property. Results are discussed below with all three seasons consolidated.

Chip Samples

Two trenches, following road cuts, were sampled. Each sample was taken over a 3m interval whenever possible.

Trench 1 (T1) was through a green, fine grained porphyry containing plagioclase and quartz phenocrysts, quartz veins with specular hematite and abundant copper staining on fractures. The results of the trench were 109.2 m of 0.36 g/t Au (including 69 m of 0.408 g/t Au), 0.22% Cu (including 46.2 m of 0.34% Cu) and 57 ppm Mo.

Trench 2 (T2) was also through a porphyry but medium to coarse grained and with additional phenocrysts of potassium feldspar and secondary biotite. In addition to similar veins to T1, magnetite was also present. The results of this trench were 148.5 m of 0.174 g/t Au, 0.17% Cu and 11.35 ppm Mo.

Geophysical Survey – CSAMT

A total of 16.68 km of CSAMT (Controlled Source Audio-Magnetic Tellurics) was conducted by Quantec Geoscience Argentina S.A. CSAMT is a deep looking resistivity method able to identify deep structural zones. The data was processed using a 1D, depth sounding, inversion method. CSAMT did identify a number of resistive bodies in the Josemaría area. However, the author concludes that this was the least useful of the three geophysical methods applied at Josemaría since the majority of the geophysical contribution to drill targeting appears to have been based on magnetics and chargeability.

2003/2004 Field Season

Further detailed mapping, some enabled by the additional exposure due to road cuts, was conducted in the central area.

Geochemical Survey

Talus fines sampling

Samples were collected along portions of the previously established grid using the same methods as previous seasons.

Table 10.2 2003 Talus Fines Samples

Sample Type	*Quantity*
Rock chip	185
Drill Samples	1739
Drill replicates	77
Talus fines	132

The results of the multi-element geochemical data were analysed spatially in a MapInfo database. A comprehensive review of all elements was routinely conducted to identify existence of geochemical patterns that might reflect information of geological significance or indicate problems in sampling, contamination or laboratory procedures.

Chip Sampling

Chip sampling was almost entirely confined to trenches constructed in road cuts. These were mapped and sampled during the season. Trenches T1 and T2, started during previous season, were extended and three additional trenches were added in this area – T4 and T5 oriented roughly E-W and T6 oriented N-S and connecting T1, T2 and T4.

The extension to T1 was for a total of 41 m of which 30 m averaged 0.654 % Cu, 0.25 g/t Au and 53 ppm Mo. Trench T1-W over 78 m averaged 0.22% Cu, 0.43 g/t Au and 35 ppm Mo. Trench T2 was

extended for approximately 79 m with 48.15m averaging 0.30% Cu, 0.26 g/t Au and 33 ppm Mo. Trench T4 runs for approximately 65 m of which 48.6 m averaged 0.28% Cu, 0.19 g/t Au and 25 ppm Mo. Trench T6 runs for 545 m over which it averages 0.27% Cu, 0.26 ppm Au and 33 ppm Mo. Trench T5 was sampled over 25 m of which 10 m returned 0.27% Cu, 0.13 g/t Au and 28 ppm Mo. This sample was at the end of the sampling series. Since trenches follow roads with curves, sampled lengths are greater than the direct (line-of-sight) distance from the beginning to the end of the trench. This has the most effect in T6 which has an effective length of approximately 450 m.

Geophysical Survey

One objective of the 2003/2004 geophysical program was to delineate magnetic intrusive bodies. This was partly driven by the scarcity of outcrop in parts of the project area. A 30.45 line kilometre program of ground based magnetics was performed by Quantec Argentina S.A. Using the existing talus sampling grid 12 lines from L6800N to L9000N were partially sampled at 10m intervals. These were processed for diurnal correction and reduced to pole using an inclination of -28.3° and a declination of 1.2°.

On the completion of the magnetics program it was immediately apparent that there was a close correlation between the Cu-Au-Mo geochemical anomaly identified in talus and trenches during 2002/2003 and a magnetic high that extended to the south, possibly under andesitic-basaltic cover. Responding to these results an IP-resistivity program was conducted on nine lines – six talus sampling lines oriented E-W and three cross-lines oriented N-S. This data was processed using 2D inversion methods to produce resistivity and chargeability sections. Magnetic data is presented as surface measurements in a plan map form. Depth and orientation of features in the magnetic data is determined by interpretation. Resistivity and chargeability models generated by the IP survey are vertical slices with depth and shape information for the horizontal plane. Horizontal continuity is inferred between sections. Consequently, the primary orientation of magnetic and chargeability models at Josemaría are perpendicular to each other and interpretation should use these complementary strengths when making geological inferences.

Both of these geophysical surveys were quickly recognized as successful techniques. Magnetite disseminated in the intrusives and within veinlets offers a simple interpretation of small circular and larger irregular shaped magnetic highs. Chargeability has been connected between lines into more linear, roughly N-S shaped zones. The relationship between these and intrusives, structures or mineralization is more difficult to interpret than the magnetic data. The magnetic high of the central zone corresponds with a core of reduced chargeability surrounded by higher chargeability zones. This is consistent with the exploration model which would expect an increase in pyrite in the shell surrounding the core of the system. The low chargeability core can be traced in sections from 8200N to 7600N. From 7600N and in sections to the south, a slab of low chargeability cover thickens and probably eventually obscures the continuation of the target zone if it continues to the south. A break in chargeability seen on 7400N and centred at 7300W is at 300 m to 400 m below surface and may be below the practical depth of investigation for the method. The low chargeability slab appears to dip to the east and is consistent with andesitic to basaltic cover above the low angle fault mapped at the top of the central zone.

To the NE of the central zone, on line 8000N a smaller low chargeability feature with surrounding high chargeability is noted. The high chargeability region to the east on lines 8000N and 8200N is coincident with a spatially small magnetic high. This combination of both magnetic and chargeability high (centred near line 8200N at 6300W) distinguishes the feature from the central zone. Talus geochemistry in the area gives anomalous Cu-Au-Mo values but the extent of secondary dispersion is not known. The geochemical anomaly could easily have derived from a source coming to surface near line 8000N at 6650W. Drill hole JMRC-06, the only hole of the 2003/2004 season not to intersect significant mineralization, targeted the coincident magnetic and chargeability high. This may represent the pyritic halo of an intrusive core on line 8000N.

Adjacent to El Dedo (a resistive and topographic feature near 7700N, 7700W), and extending to the north and possibly south, a chargeability low is coincident with a subtle magnetic high. Immediately to the east, in the vicinity of El Dedo (possibly associated with a high angle, NNE fault mapped through that area) is a NNE elongate magnetic low. This magnetic low was tested at El Dedo by drill hole JMRC-03 and some mineralization was encountered. The area to the east and the north of El Dedo has not been tested but could be indicative of a deeper intrusive that has weak Cu-Au-Mo expression on surface. The depth of investigation is not clear in this area and the apparent depth limitation of the chargeability low is suspect. A low chargeability region surrounded by higher chargeability is observed as far south as 7200N centred on 7800W and may be a continuation of that feature seen near El Dedo. This is the southern most IP line and the chargeability low is coincident at depth with hydrothermal breccias. Again, the depth of investigation is unclear in this area and the chargeability low may not be bounded at depth.

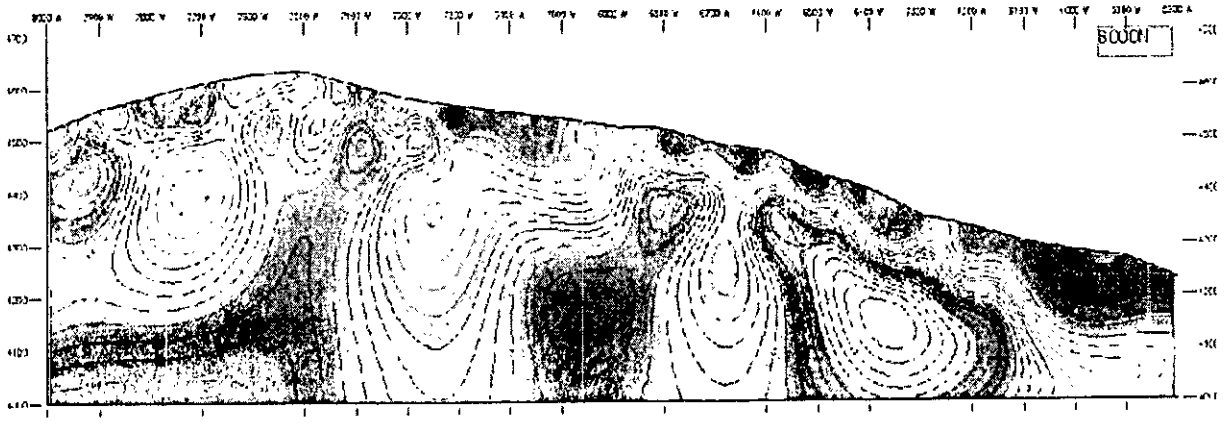


Figure 10.1 Chargeability on Line 8000N from 8000W to 5800W, ticks are 100 m spacing

The previous figure shows the low chargeability cores detected in L8000N. JMRC-04 was drilled to the south, or out of the page and clearly is testing the lower chargeability core below it. The other two

chargeability lows are also exploration targets. The eastern, smaller feature does not seem to have much N-S extent onto other sections. The other low chargeability feature west of the peak does have significant N-S continuity.

Drilling

A total of 3475 m of reverse circulation drilling was conducted in ten holes. Samples were taken every two metres for multi-element geochemical analysis by ALS Chemex. Nine of the ten holes focused on testing the central zone. One hole was used to test a smaller, and superficially similar anomaly 900 m to the northeast of the central zone. This latter hole (JM RC-06) was the only one not to return significant mineralization.

Table 10.3 2003/2004 RC Drill Holes

Name	*Easting*	*Northing*	*Elev*	*Az*	*Dip*	*Length*	*Samples*
JM RC-01	2446192	6855292	4697	90°	-65°	370m	185 + 8
JM RC-02	2446503	6855329	4656	270°	-70°	370m	185 + 9
JM RC-03	2446090	6855389	4587	270°	-70°	350m	175 + 8
JM RC-04	2446456	6855670	4526	180°	-65°	354m	178 + 7
JM RC-05	2446700	6855277	4616	270°	-80°	370m	185 + 8
JM RC-06	2447215	6855799	4440	90°	-65°	300m	150 + 7
JM RC-07	2446512	6855468	4603	270°	-70°	304m	152 + 7
JM RC-08	2446400	6855506	4606	270°	-70°	357m	179 + 9
JM RC-09	2446520	6855476	4602	90°	-70°	350m	175 + 7
JM RC-10	2446199	6855116	4782	90°	-70°	350m	175 + 7

Physical Work

During the 2002 to 2004 seasons a total of 56.62 km of roads and trenches were constructed on the Josemaría and Batidero properties. These were achieved using 379.3 hours of a Caterpillar D8R bulldozer and 351.0 hours of a 950F front end loader.

Conclusions and Recommendations from 2003/2004

A central feature of approximately 2.5km in diameter was delineated by coincident Au, Cu and Mo anomalies, sub-propylitic to propylitic alteration and sub-outcrops of medium to coarse grained, porphyritic granodiorite to quartz diorite in the core of the zone. This central core has indications of potassic alteration. This zone is bordered by a halo of argillic and phyllic alteration. To the west the alteration is predominantly advanced argillic while to the north and northeast it is predominately phyllic. To the south this area is bounded by a northeast striking thrust fault dipping approximately 35° to the southeast. A sequence of fresh to propylitic, Late Tertiary volcanics and pyroclastics truncate the

mineralized porphyry above fault contact.

The geochemistry of the talus sampling also shows a low-Na halo surrounding the central zone – typical of the andesites and indicating plagioclase destruction. Along the northern edge of the grid another low-Na pattern coincides with a high-Zn. A WNW trend identified in the ground magnetics, possibly associated with a fault, is also coincident with this low-Na / high-Zn trend. This association may reflect alteration and geochemical mobility associated with this proposed fault.

In the 2002/2003 season, CSAMT (resistivity) showed the presence of a strong conductor coincident with the topographic feature known as "El Dedo". To the east it is in contact with a resistor attributable (exclusively?) to the characteristics of the rocks located there (fresh to weakly altered granites). Further east of El Dedo there is another resistor of smaller size, concordant with the outcropping of coarse grained granite porphyry.

The results of the magnetic survey indicated the presence of three magnetic lineations oriented in a ENE-WSW direction. These are intersected by other, lower intensity magnetic trends oriented NW – SE and the two orientations form a pair consistent with structural characteristics observed on the ground. The central zone contains a magnetic high feature about 800 x 400m and coincident with and displaced to the south of a medium to coarse grained holocrystaline porphyry. Toward the west there is a magnetic low above "El Dedo", an area with advanced argillic alteration. The northern part of this magnetic feature is coincident with Cu-Au-Mo in talus.

Drilling identified a zone of disseminated Au and Cu mineralization approximately 400 x 400m in size. This zone was open to the southwest, south and southeast. It was also open at depth with particular note drawn to JM RC-10-04 which ended in 50m averaging 0.62% Cu.

2004/2005 Field Season

Mapping

A series of three major outcrops of hydrothermal breccias were mapped which line up in an E-W orientation. It should be noted however that this orientation is not one of the dominant ones observed on the property and the linear relationship may be coincidental. The two larger breccias are elongated N-S and NE-SW respectively. Although there is no surface expression of an E-W structure connecting these breccias, there may be a deeper source that when combined with an intersecting structure controls their emplacement. One of the most important results of mapping was the discovery of quartz-diorite to granodiorite outcropping on the south side of the mountain hosting Josemaría. This was in an area known as the "mass movement" area and coincides with the intersection of 310° and 060° structures. The porphyry is visually similar to that found in the central zone, particularly in trenches T2 and T6. It is possible that this indicates a continuation of the porphyry system seen in trench T7 approximately 1000m south of the original outcrop.

Table 10.4 2004 2005 Talus Fines Samples

Sample Type	*Quantity*
Rock chip (Trenches)	4
Talus fines	80

Geophysical Survey

An infill and southern extension magnetic survey was conducted by Quantec Geoscience Argentina S.A. Results were combined with previous data also collected by Quantec and reprocessed. The reprocessed magnetic data was reviewed for the Harrop report. It confirmed previously known structural trends, but shows several previously unknown magnetic features along the southern edge of Josemaría and extending into Batidero. Neither have geochemical signatures similar to the central zone in Josemaría but this is believed to be due to andesitic-basaltic cover. Both have adjacent breccias on surface. The eastern magnetic high is smoother and lower in amplitude suggesting it might be deeper, which would be consistent with what is known about the depth of cover. The western of the two newly found magnetic highs is south (and possibly east) of a structure running NE for over 800m that has a weak magnetic low and anomalous Au values in talus associated with it. The NW edge of the western magnetic high is parallel to this structure.

Discussion

LANDSAT and talus sampling have been used with success on the Josemaría project. Both methods are susceptible to cover and the consequences of this are worth a short comment. LANDSAT works well when there is little or no mixing of terrestrial surface cover within each cell (approximately 25 x 25m). Josemaría has the advantage of very little vegetative cover which can make detection of geologically interesting alteration signatures difficult. Since LANDSAT is strictly measuring surface reflectance properties it has absolutely no penetration of the subsurface. While measurements along or near ridge tops may reflect *in situ* material, lower slopes and valleys are covered in colluvial or alluvial material that effectively blinds LANDSAT remote sensing. Lack of an alteration signature when other positive indications (i.e. magnetics or chargeability) exist need not diminish a target's priority.

Talus geochemistry will penetrate further than LANDSAT, but samples in deep overburden will probably reflect a source other than the local bedrock. Talus samples taken on lower slopes and alluvial planes in the Josemaria and Batidero area are likely not always seeing through transported overburden.

LANDSAT, magnetic and IP surveys have provided methods with good subsurface penetration which has been confirmed by drilling and trenching. When used to identify district (or larger) scale linear and

curvilinear traces, LANDSAT is effectively able to look through cover by identifying topographic features caused by underlying geology. At Josemaría this has primarily been used to identify fault structures, some of which probably have genetic relationship with the prospects.

Geochemical Survey

Talus sampling was completed to infill a number of holes on Josemaría and to extend further south onto the Batidero. Sampling has followed the same methods as the two previous seasons.

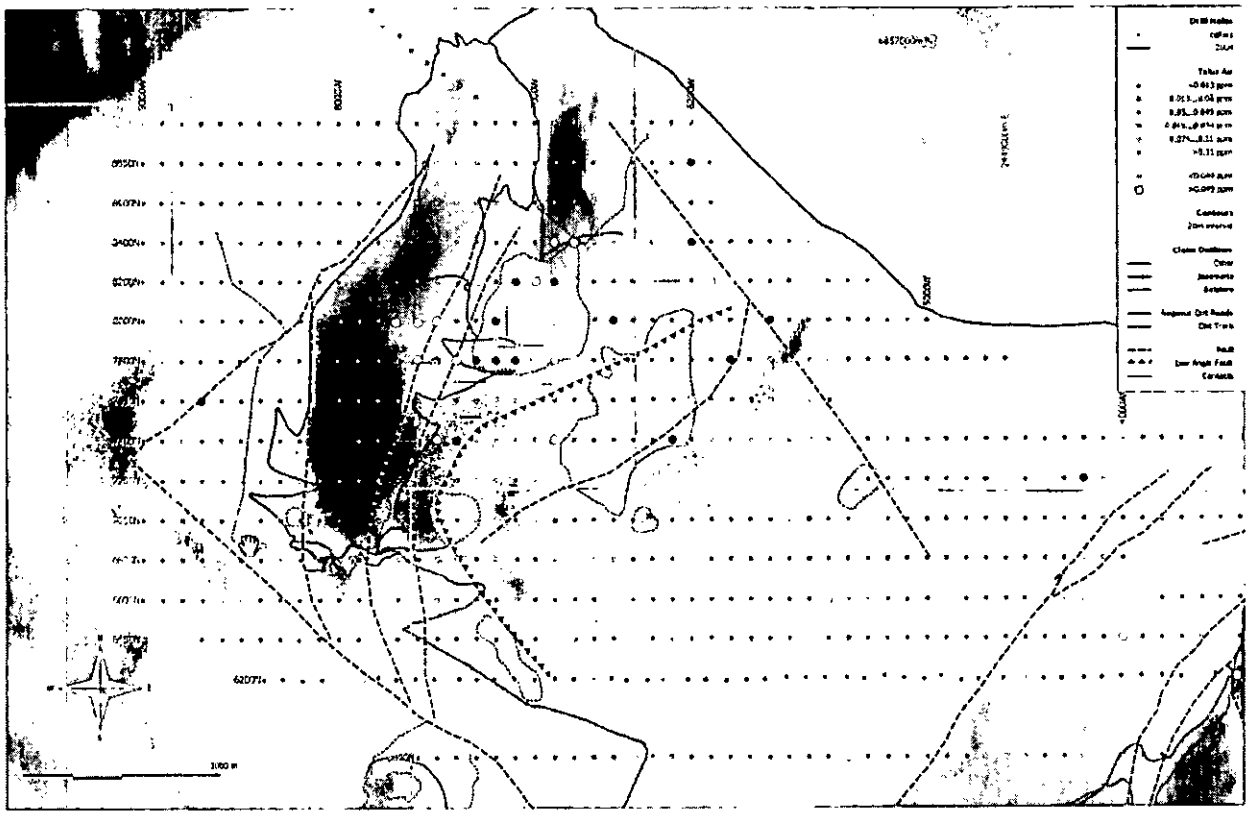


Figure 10.2 Gold in talus samples on shaded relief background

Talus sampling at Josemaría and Batidero has been done with care to ensure that a good sample, representative of 100 linear metres was collected. These samples were typically collected at a depth of 30 to 40 cm. When an anomaly may have been displaced downhill there has so far been no real difficulty in tracing the source. The strongly linear nature of talus sampling at Josemaría and Batidero is not well represented with the usual scaled and coloured dots. The samples are truly linear and not point samples.

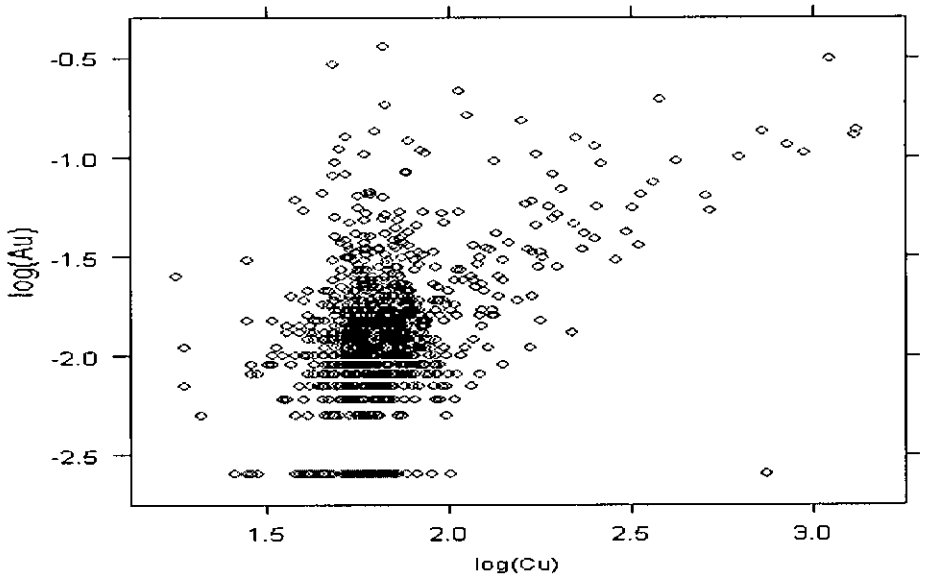


Figure 10.3 Gold and Copper Scatter Plot

The scatter plot above, in Figure 10.3, illustrates the relationships between gold and copper values in talus. Two distinct relationships can be clearly distinguished. A background population is seen clustered in the low-gold and low-copper region. A trend of data emerges from the background with a positively correlation between copper and gold. In addition, a second trend emerges with gold independent of copper. When compared to the previous scatter plot of Cu and Au in chip samples, the positively correlated trend looks very much like a mixing effect between porphyry related mineralization and background material. The vertical trend – Au independent of Cu looks similar to the high Au/Cu ratio seen in Au enriched quartz-alunite ledges.

Sampling took place extending 13 lines and totalled 23,100 m. These sample locations are shown in blue in Figure 10.4 below.

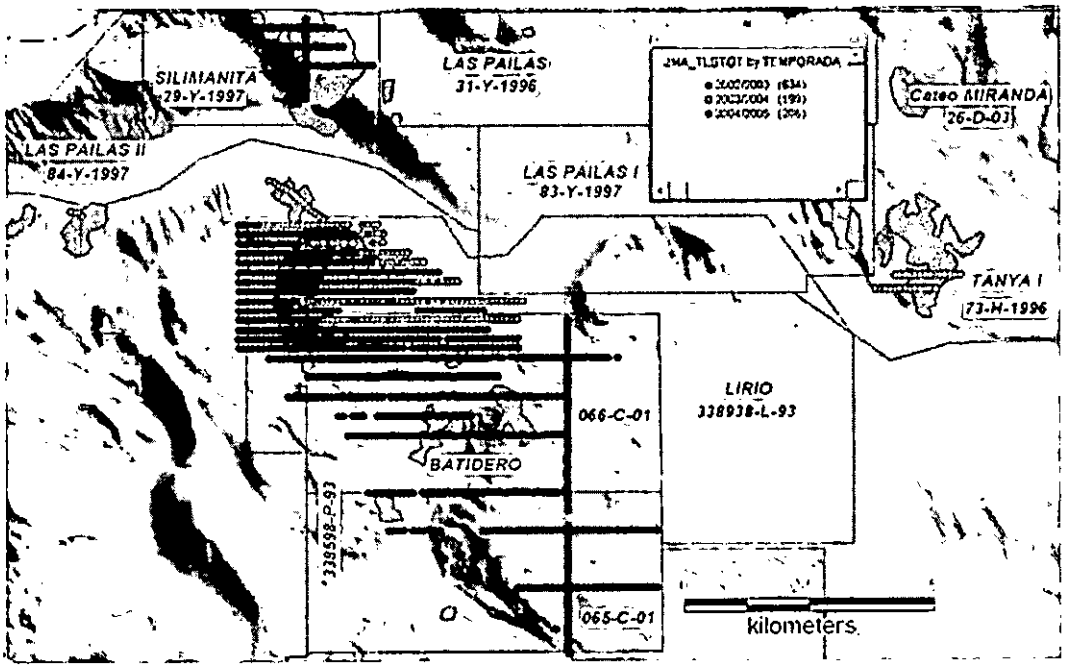


Figure 10.4 Sample line locations 2002 to 2005

The sample line summary for 2005 is shown in Table 10.5 below.

Table 10.5 Sample Lines 2005

LINEA	LONGITUD (mts)	LONG. ACUMULADA (mts)
6400 N	5700	5700
6600 N	5700	11400
6800 N	3400	14800
7000 N	400	15200
7200 N	3400	18200
7400 N	1300	19500
7600 N	400	19900
8000 N	400	20300
8200 N	800	21100
8400 N	700	21800
8600 N	200	22000
8800 N	600	22600
9000 N	500	**23100**

The sample type distribution for the 2004-2005 field season is shown below in Table 10.6.

Table 10.6 Sample Type Distribution

TIPO DE MUESTRA	DESDE	HASTA	TOTAL	TOTAL ACUMULADO
TALUD	21501	21729	228	228
CHIP	21730	21734	5	233
CHIP	32051	32065	15	**248**

The gold, copper, molybdenum, lead, zinc and arsenic grade distributions for the updated sample grid is shown in Figure 10.5 through Figure10.10 below.

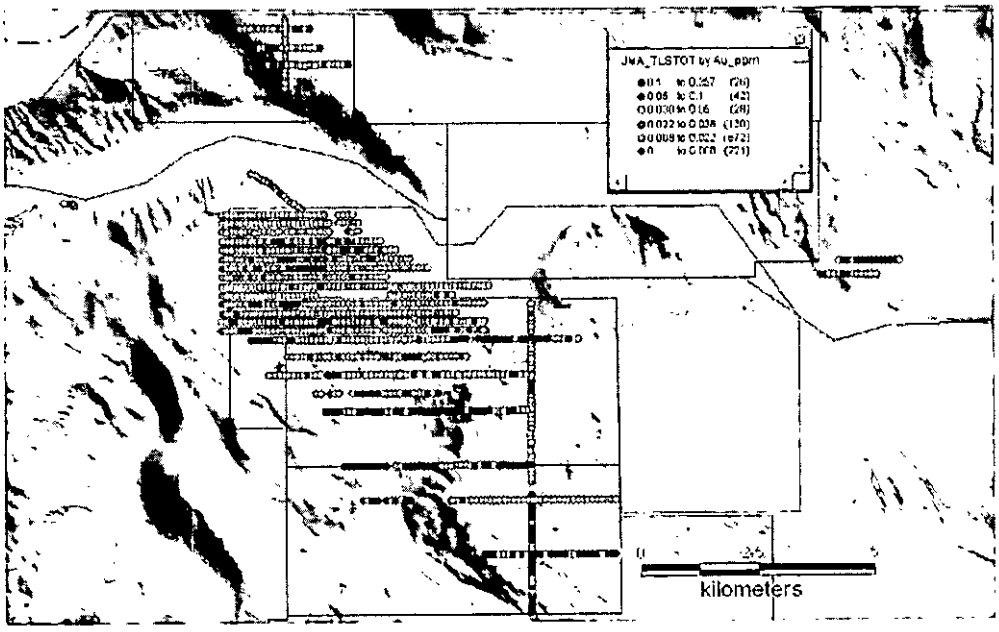


Figure 10.5 Gold Assays – Au ppm

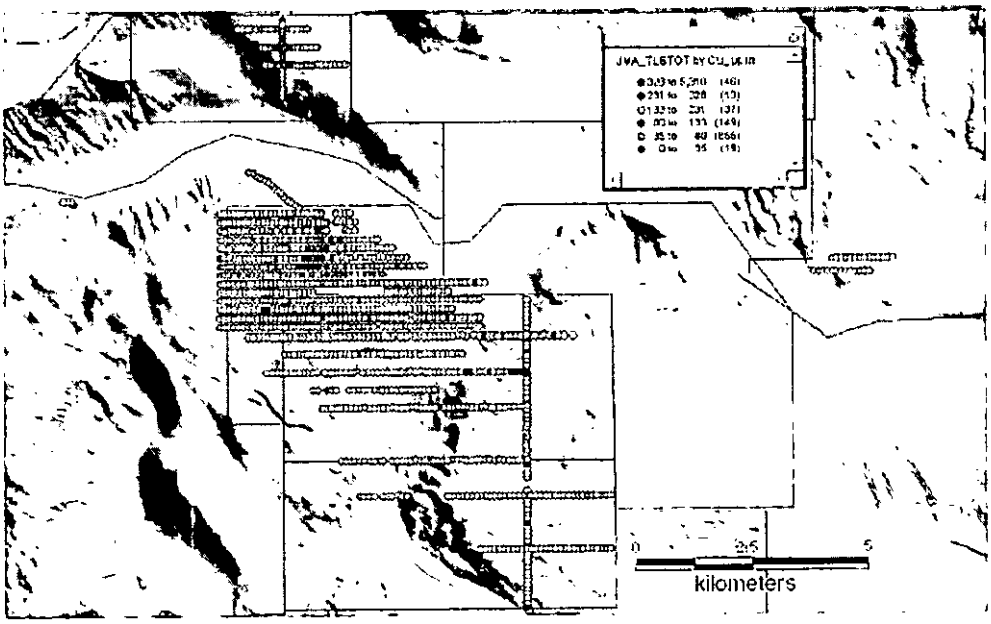


Figure 10.6 Copper Assays – Cu ppm

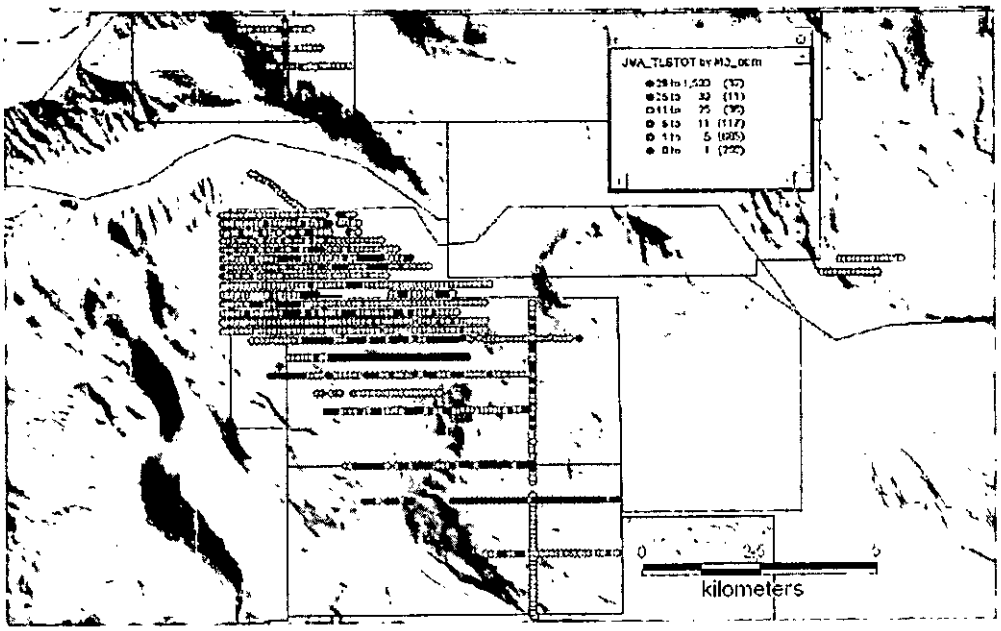


Figure 10.7 Molybdenum Assays – Mo ppm

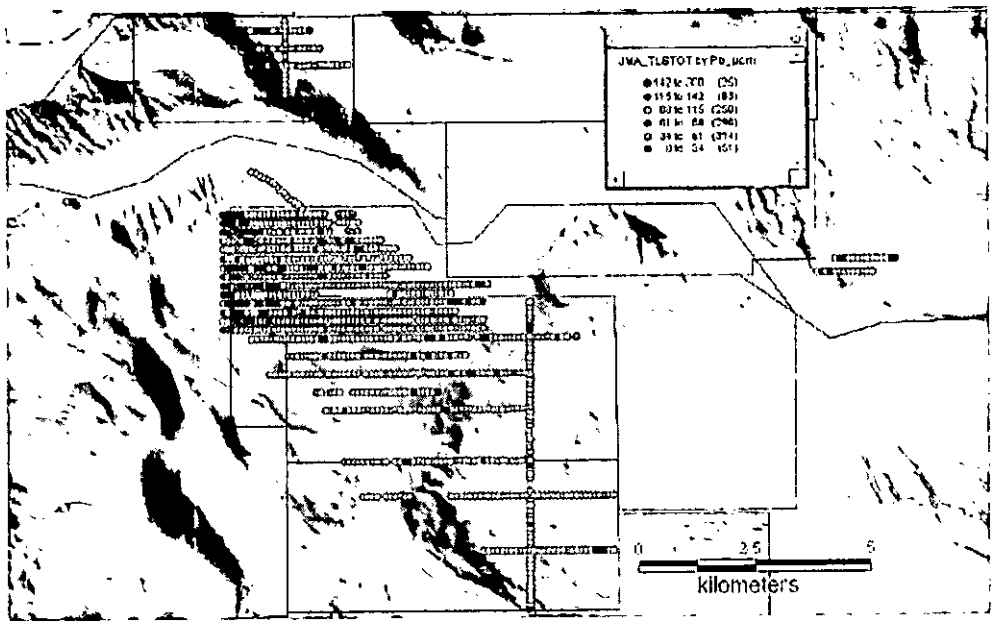


Figure 10.8 Lead Assays – Pb ppm

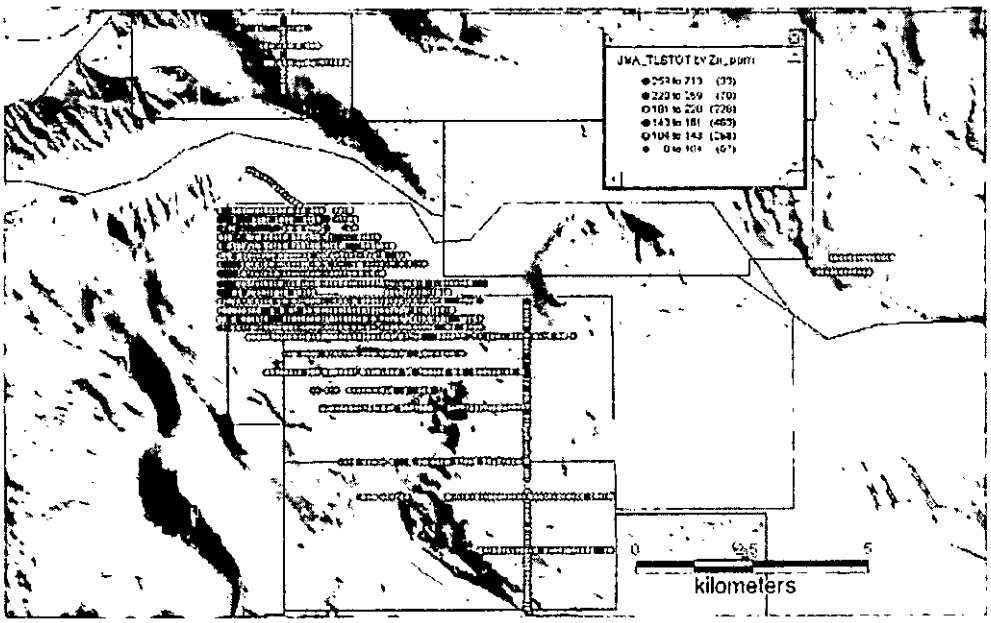


Figure 10.9 Zinc Assays – Zn ppm

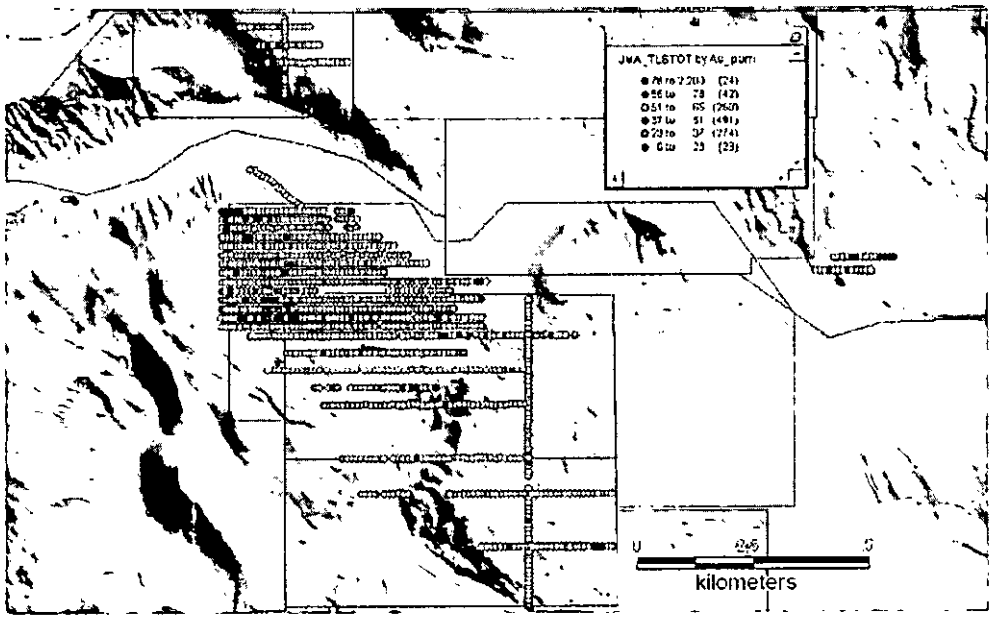


Figure 10.10 Arsenic Assays – As ppm

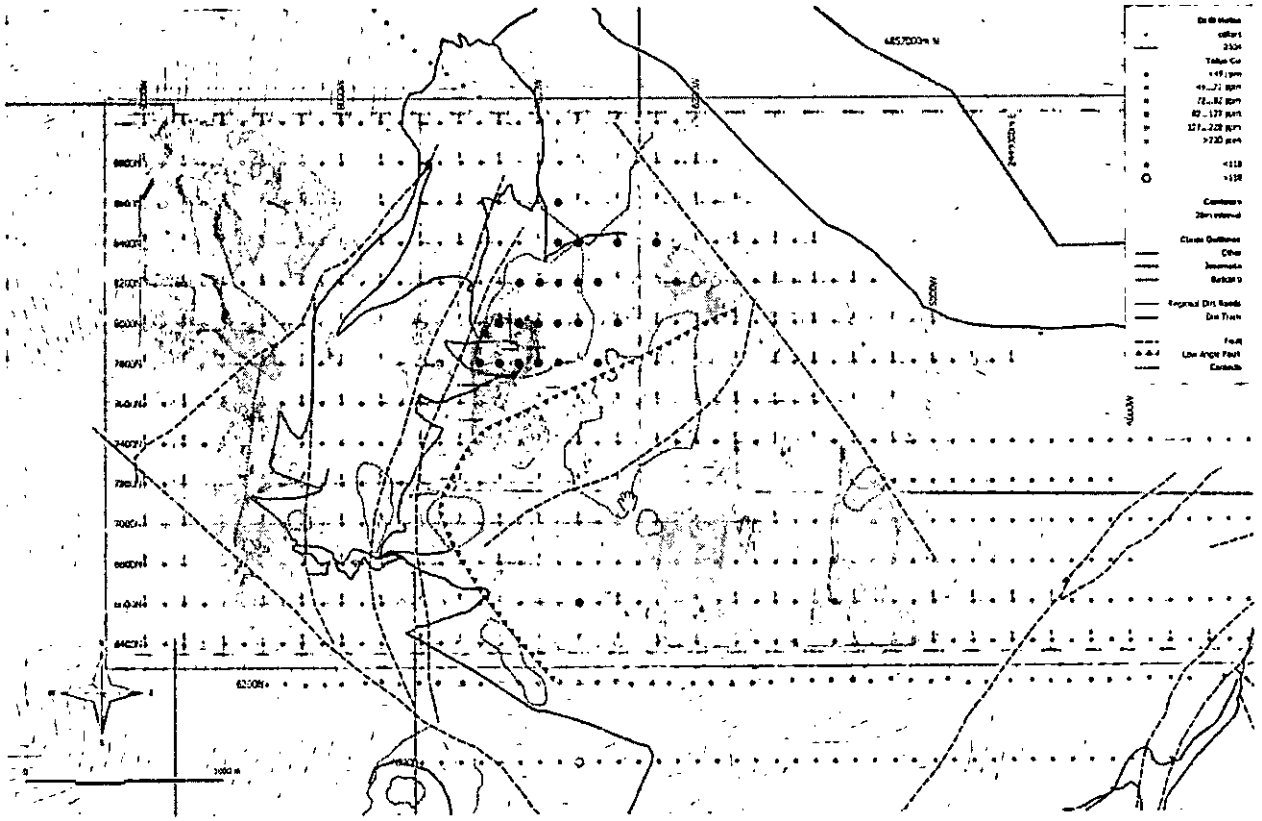


Figure 10.11 Copper in talus samples with 2005 reprocessed magnetics as background

2005/2006 2006/2007 Field Seasons

Ground Magnetics

Magnetometry surveys were carried out over three seasons between 2003 and 2006. In general the line spacing was 200 m. The northern lines shown in green in Figure 10.12 were added during the 2006/2006 field season.

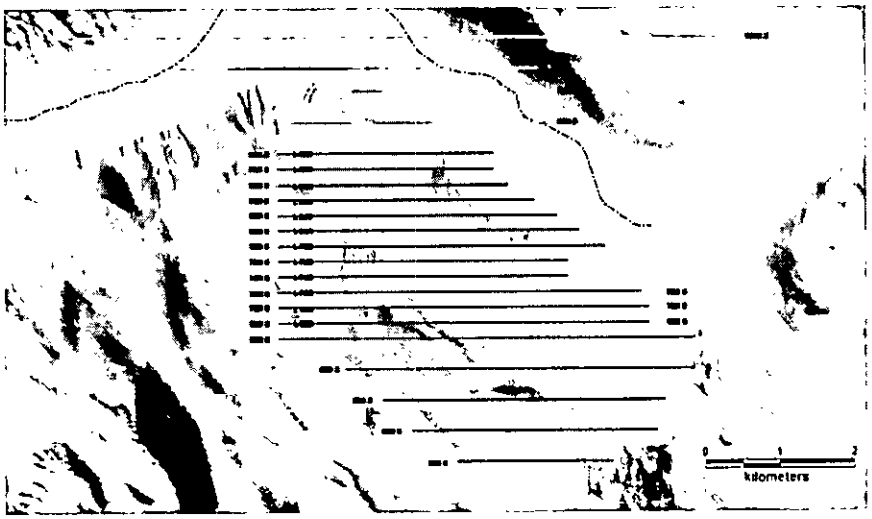


Figure 10.12 Magnetometry lines 2003/2004 in blue, 2004/2005 in violet, and 2005/2006 in green

Concentric zones of magnetic high anomalies surrounding a central zone of magnetic low are observed at Josemaria and another area immediately to the northwest. As shown in Figure 10.13, at Josemaria this pattern is centered on the porphyry system and a strong geochemical anomaly (e.g. Cu > 0.4%).

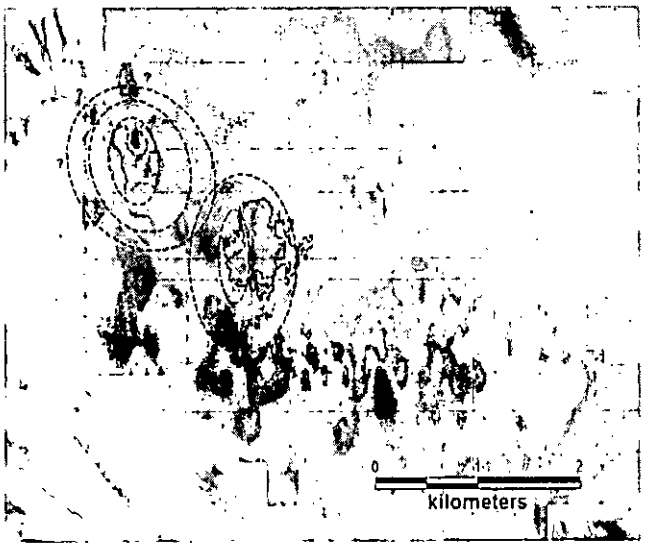


Figure 10.13 Reduced to pole magnetometry.

Induced Polarization/Resistivity Surveys

IP/RES surveys were carried out over the four seasons between the 2003 and 2007. In general the line spacing was 200 m with lines oriented E-W with a number of N-S control lines in the central zone of Jose Maria. The IP/RES survey lines are shown in Figure 10.14 as 2003/2004 in blue, 2004/2005 in violet, 2005/2006 in green, and 2006/2007 in red. The 2006 lines are also shown in Figure 10.15 in yellow.

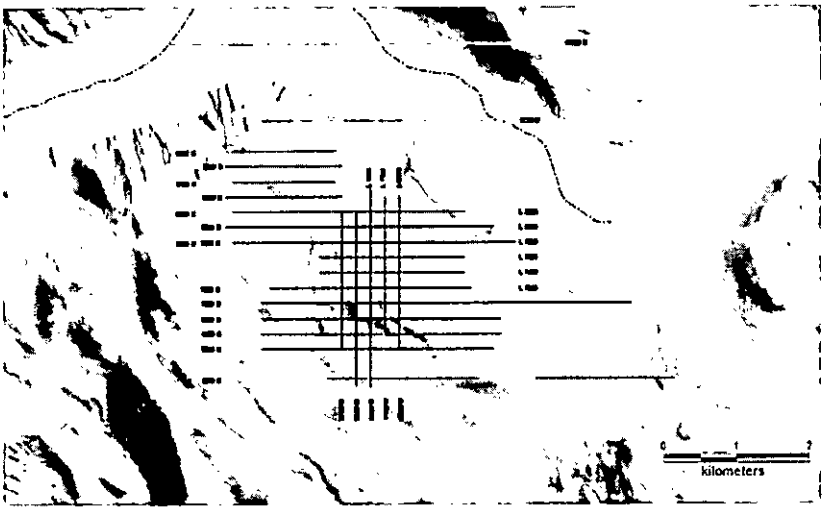


Figure 10.14 Induced Polarization and Resistivity Lines

The geophysical survey lines are summarized in Table 10.7 below.

Table 10.7 Geophysical Lines 2006

METHOD	MONTH	LINES	LENGHT	CUMULATIVE
IP / RES	Marzo-06	10400 N (9100W a 7100W)	2000 m	2000 m
IP / RES	Marzo-06	9400 N (8200W a 5100W)	3100 m	5100 m
MAG	Marzo-06	10900 N	1560 m	1560 m
MAG	Marzo-06	10500 N	2650 m	4210 m
MAG	Marzo-06	10100 N	3400 m	7610 m
MAG	Marzo-06	9800 N	3300 m	10910 m
MAG	Marzo-06	9400 N	3900 m	14810m

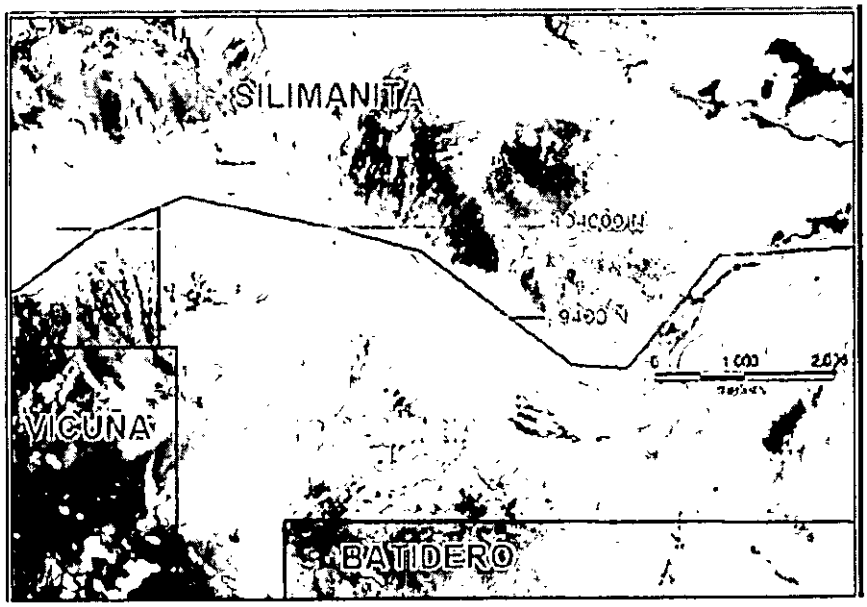


Figure 10.15 Induced Polarization and Resistivity Lines 2006

The cross sections are shown below in Figure 10.16 and 10.17 for resistivity and chargeability.

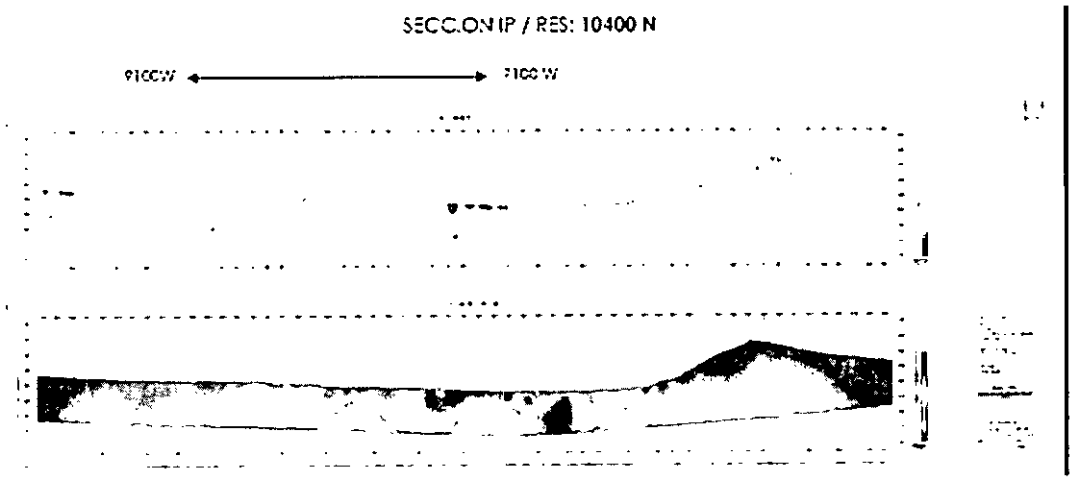


Figure 10.16 Induced Polarization and Resistivity Line 10400 North

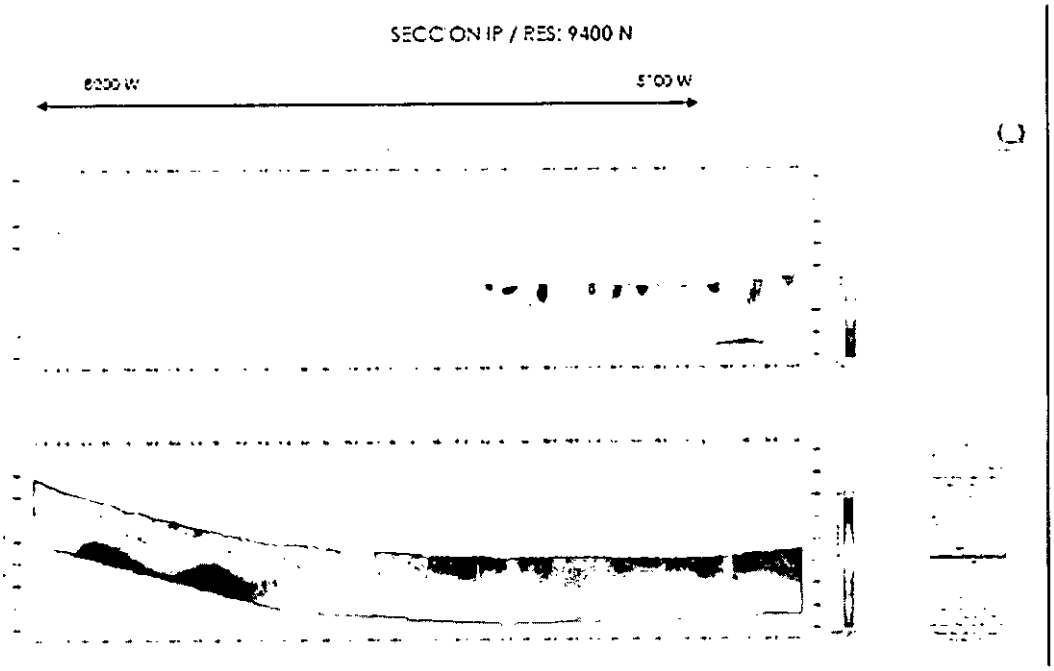


Figure 10.17 Induced Polarization and Resistivity Line 9400 North

The relationship between the IP anomaly and superimposed >0.4% and >0.5 % Cu anomaly is shown in the three figures below. Lower values between 15 to 20 mv/v coincide well with copper mineralization while values higher than 25 mv/v tend to surround the copper mineralization.

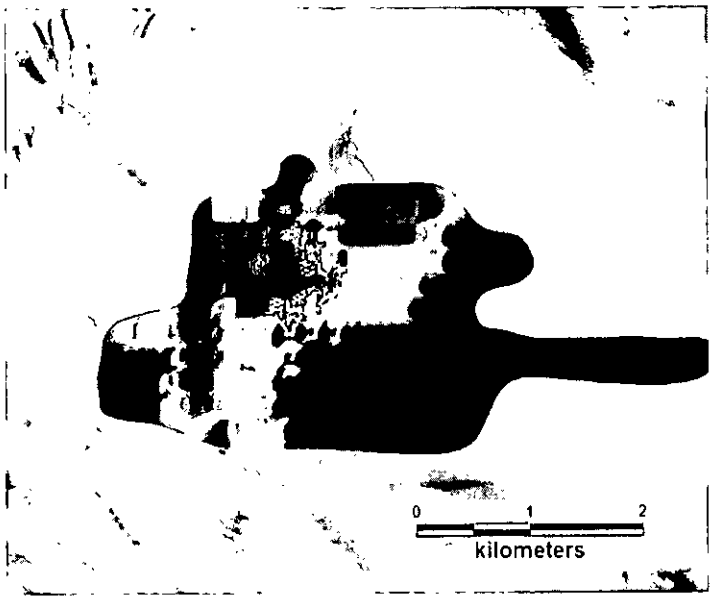


Figure 10.18 Depth to top of 15 mv/v IP anomaly

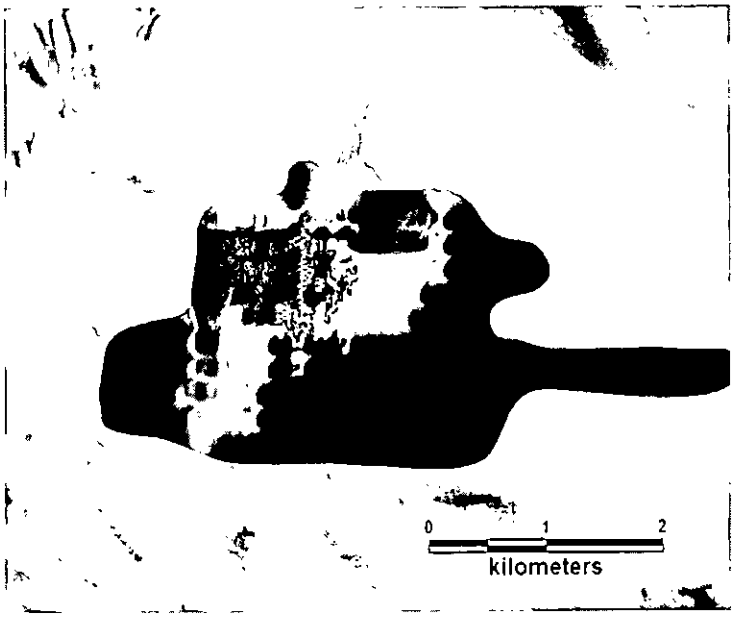


Figure 10.19 Depth to top of 20 mv/v IP anomaly

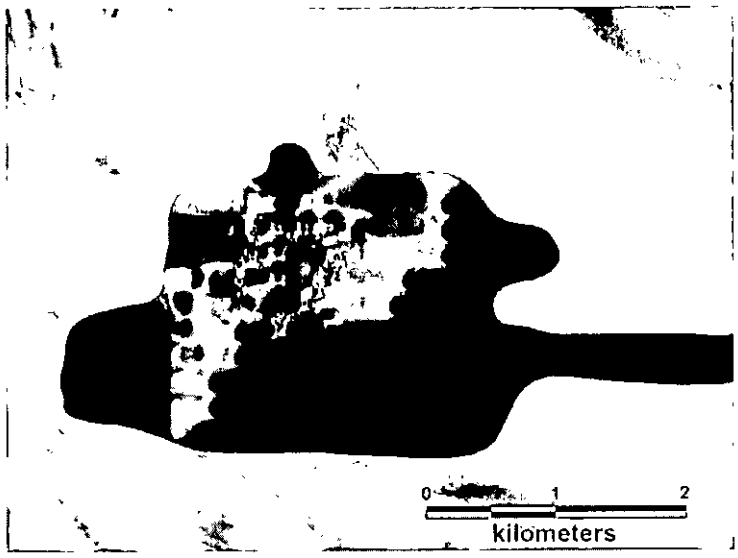


Figure 10.20 Depth to top of 25 mv/v IP anomaly

11.0 Drilling

During the 2003/2004 exploration season a total of 10 reverse circulation holes (3475 m) were completed at Josemaria. This first round of drilling targeted chargeability anomalies along a 600 m long magnetic high. The holes were widely spaced at intervals between 200 m and 300 m and the results indicate considerable target expansion potential along the western and southern flanks of the system.

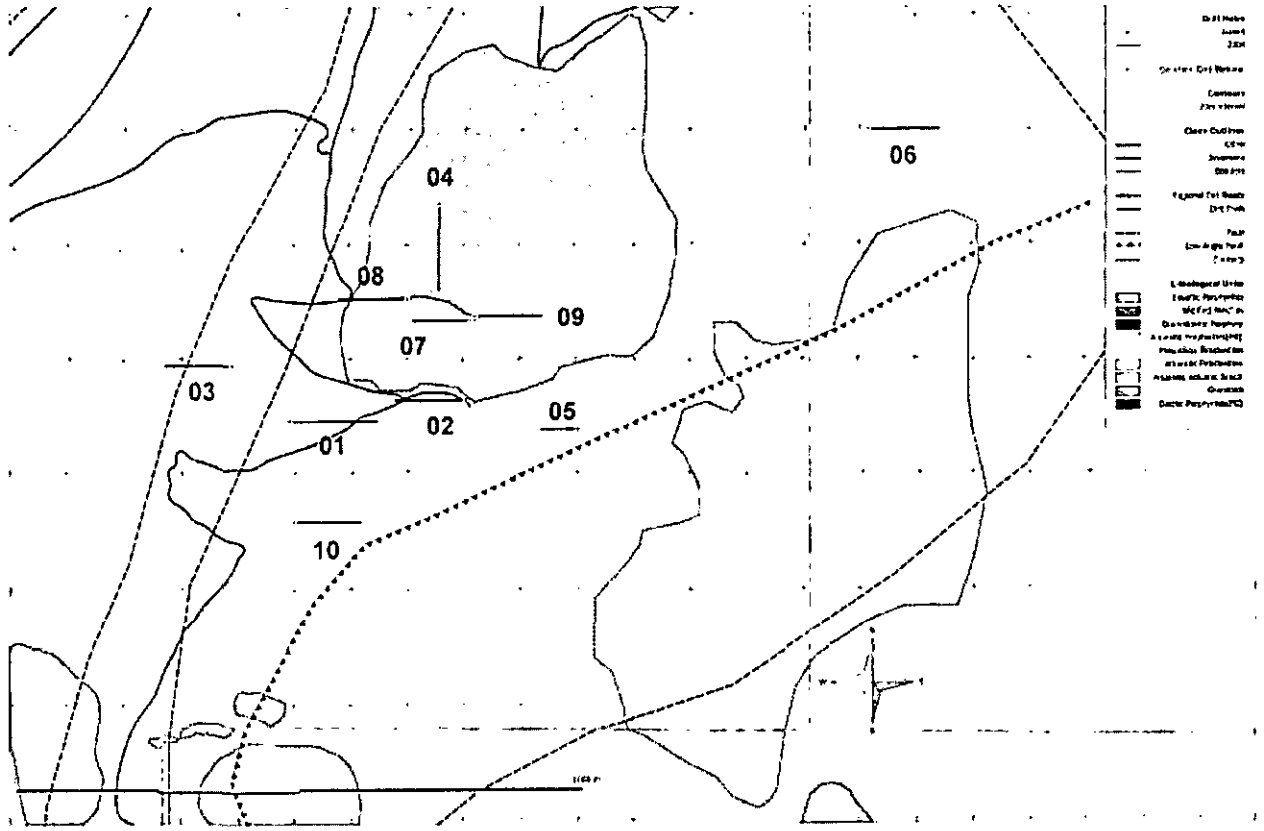


Figure 11.1 2003/2004 RC drill hole locations

During the 2004/2005 season a total of 20 reverse circulation hole (7822 m) were completed at Josemaria. In addition 5 diamond drill core holes (2406 m) were also drilled.

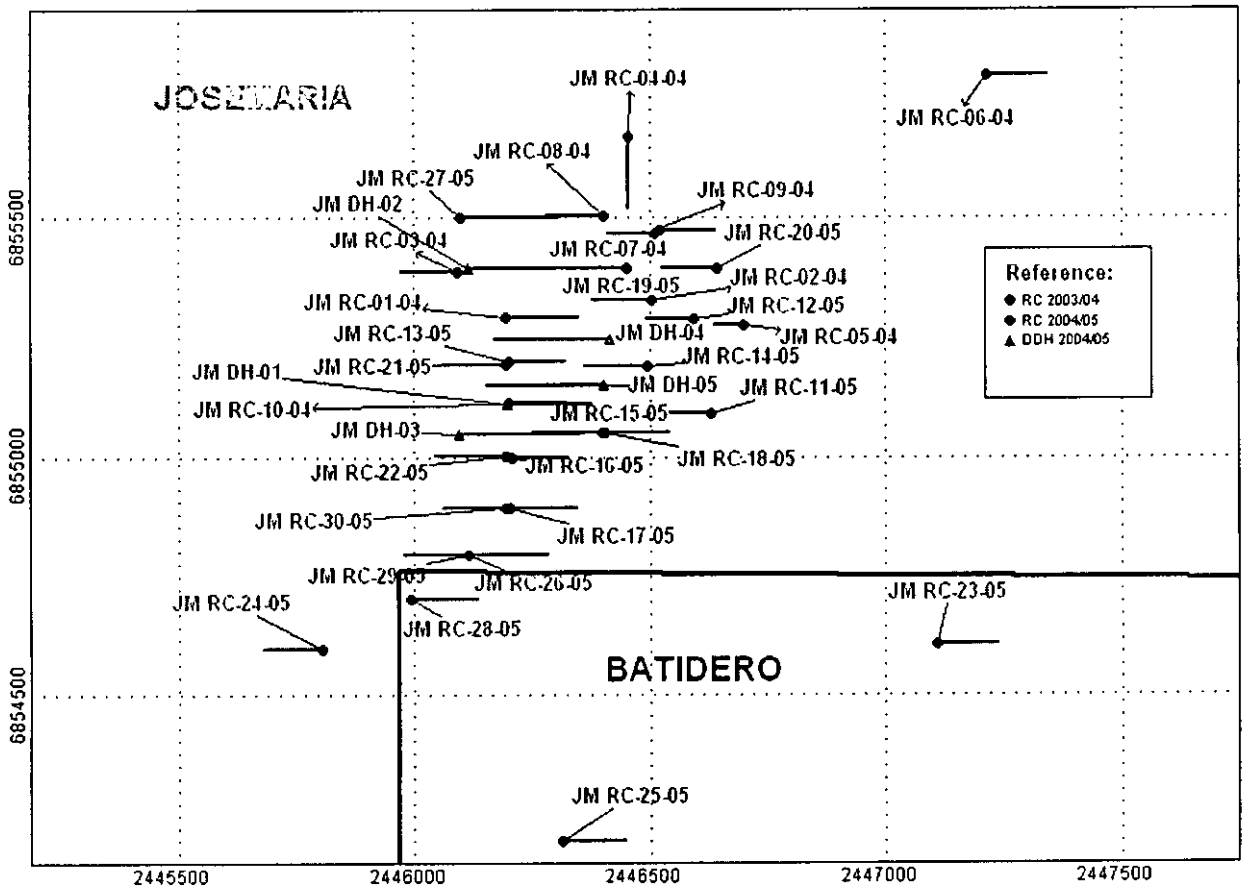


Figure 11.2 2003/2004 and 2004/2005 RC and diamond drill hole locations

The 2005 drill holes are summarized in the table below.

Table 11.1 2005 RC and Diamond Drill Holes

POZOS	GK-X	GK-Y	COTA	COTA-C1C2	AZIMUT	DIP	PROFUNDIDAD
JM RC-11-05	2446630	6855093	4670	4710	270	-75	350
JM RC-12-05	2446594	6855289	4610	4635	270	-70	300
JM RC-13-05	2446200	6855202	4690	4720	90	-70	350
JM RC-14-05	2446494	6855191	4655	4700	270	-70	400
JM RC-15-05	2446399	6855051	4735	4770	270	-70	440
JM RC-16-05	2446207	6854998	4755	4790	90	-70	350
JM RC-17-05	2446203	6854892	4770	4810	90	-70	420
JM RC-18-05	2446405	6855051	4760	4770	90	-70	400
JM RC-19-05	2446451	6855396	4610	4630	270	-70	400
JM RC-20-05	2446642	6855396	4565	4585	270	-70	350
JM RC-21-05	2446195	6855195	4690	4720	270	-70	400
JM RC-22-05	2446192	6855003	4765	4790	270	-70	444
JM RC-23-05	2447108	6854605	4630	4650	90	-70	372
JM RC-24-05	2445805	6854596	4835	4845	270	-70	374
JM RC-25-05	2446312	6854195	4695	4695	90	-70	400
JM RC-26-05	2446113	6854795	4850	4845	90	-65	400
JM RC-27-05	2446099	6855500	4650	4635	90	-60	420
JM RC-28-05	2445991	6854702	4850	4855	90	-70	420
JM RC-29-05	2446109	6854792	4820	4845	270	-70	408
JM RC-30-05	2446197	6854900	4810	4810	270	-70	400
JM RC-31-05	2449550	6853600	4385	4410	90	-80	24
JM DH-01	2446196	6855112	4690	4750	90	-70	519.75
JM DH-02	2446113	6855394	4635	4670	90	-60	501.20
JM DH-03	2446095	6855048	4740	4775	90	-60	513.35
JM DH-04	2446416	6855247	4660	4685	270	-60	513.35
JM DH-05	2446297	6855151	4700	4730	270	-60	358.10

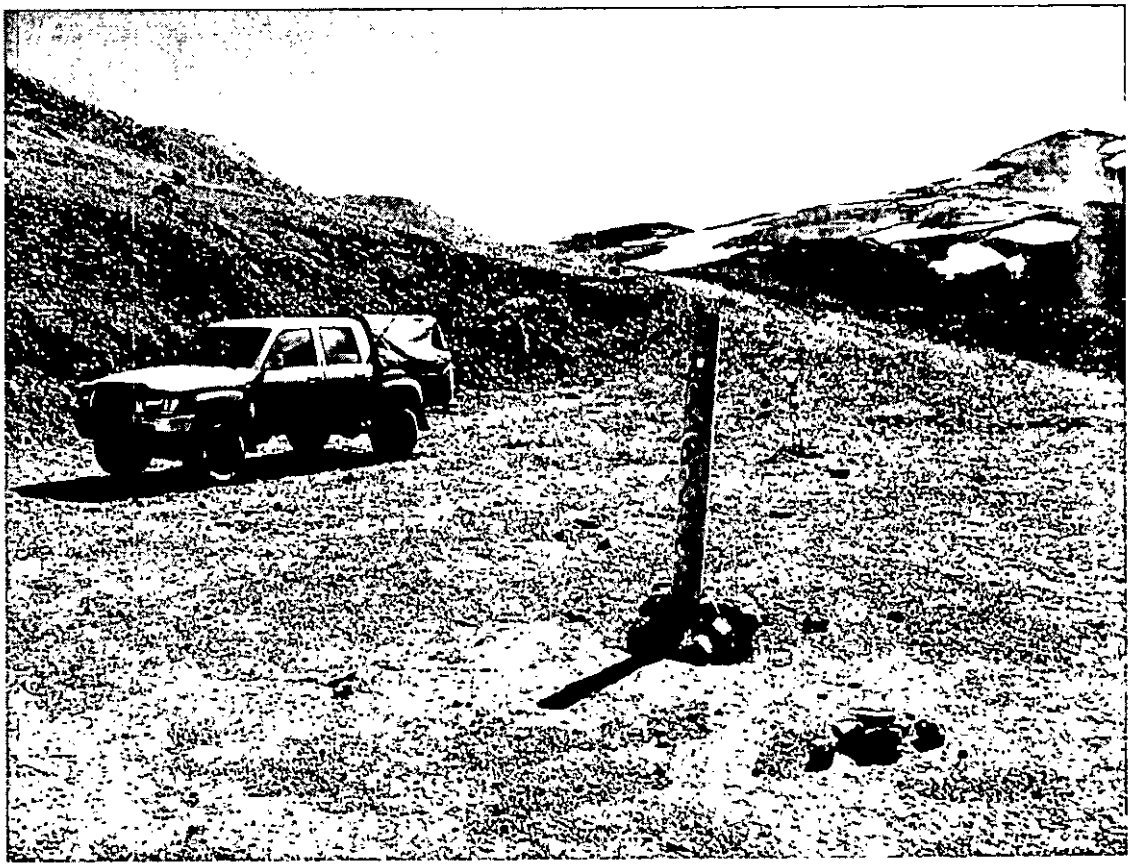


Figure 11.3 Drill holes RC-16 and RC-22

During 2005/2006 1,418 m of diamond drilling and 458 m of reverse circulation drilling were completed. The table below summarizes the drill results.

Table 11.2 2005/2006 Exploration Season Highlights

Hole	From (m)	To (m)	Interval (m)	Au (g/t)	Cu %
JM RC 32	0	176	176	0.370	0.400
incl	42	176	134	0.380	0.520
AP DDH 06	0	282	282	0.268	0.265
incl.	0	72	72	0.413	0.177
and incl.	170	184	14	0.451	0.430
and incl.	186	204	18	0.299	0.490
JM DH 06	282	568	286	0.100	0.161
incl.	290	300	10	0.330	0.510
and incl.	316	327	11	0.286	0.458
and incl.	364	386	22	0.169	0.261
and incl.	453	535	82	0.138	0.192
JM DH 07	0	850	850	0.235	0.294
incl.	32	70	38	0.209	0.463
and incl.	147	152	15	0.300	0.289
and incl.	190	439	249	0.431	0.443
and incl.	533	554	21	0.190	0.318
and incl.	568	607	39	0.162	0.313
and incl.	692	702	10	0.183	0.327
and incl.	713	739	26	0.170	0.303

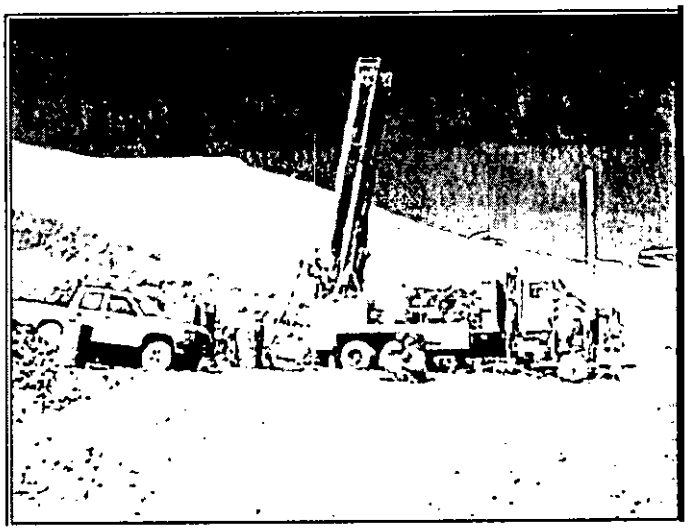


Figure 11.4 RC Pre-drilling DDH-06

During the 2006/2007 field season a total of 6,092 m of reverse circulation drilling were completed. New areas of disseminated mineralization of similar grades and depths were encountered extending the northwest boundary of the previously defined resource. The figures below illustrate the relationship between the "Dona" shaped magnetic high surrounding a magnetic low at the Josemaria deposit. The best drilling results are located between the magnetic low and the magnetic high.

Figure 11.5 Drilling Plan Map to 2006/2007 with Magnetometry

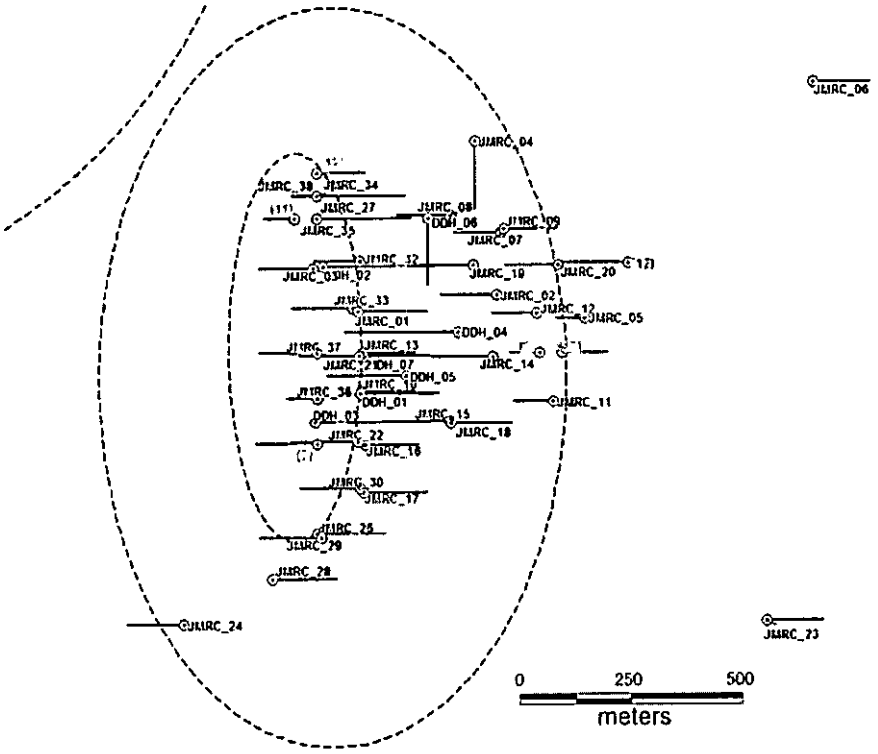


Figure 11.6 Drilling Plan Map to 2006/2007

A complete drillhole listing is provided in the Appendices.

The best results from the 2006/2007 season are shown in the table below.

Table 11.3 Selected Drilling Results 2006/2007

DRILLHOLE	Final depth (m)	Mineralized interval (m)	From (m)	To (m)	Au (g/t)	Cu (%)
JMRC 032*	397.00	397.00	0.00	397.00	0.32	0.37
	Including	262.00	42.00	304.00	0.35	0.44
	Including	150.00	42.00	192.00	0.38	0.51
JMRC 033	400.00	400.00	0.00	400.00	0.35	0.34
	Including	188.00	36.00	224.00	0.46	0.41
	Including	96.00	128.00	224.00	0.52	0.50
	Including	22.00	4.00	26.00	0.52	-
JMRC 034	400.00	400.00	0.00	400.00	0.34	0.40
	Including	204.00	122.00	326.00	0.46	0.53
	Including	122.00	204.00	326.00	0.53	0.62
JMRC 035	420.00	420.00	0.00	420.00	0.22	0.29
	Including	138.00	120.00	258.00	0.28	0.39
	Including	82.00	176.00	258.00	0.30	0.44
JMRC 036	400.00	400.00	0.00	400.00	0.20	0.19
	Including	10.00	144.00	154.00	0.27	0.40
	Including	74.00	0.00	74.00	0.35	0.20
JMRC 037	384.00	384.00	0.00	384.00	0.20	0.20
	Including	16.00	120.00	136.00	0.21	0.48
	Including	20.00	184.00	204.00	0.30	0.34
JMRC 038	420.00	390.00	0.00	390.00	0.14	0.22
	Including	116.00	250.00	366.00	0.14	0.33
	Including	56.00	264.00	320.00	0.16	0.35
JMRC 039	432.00	432.00	0.00	432.00	0.27	0.35
	Including	258.00	120.00	378.00	0.32	0.46
	Including	118.00	190.00	308.00	0.30	0.52
JMRC 040	427.00	427.00	0.00	427.00	0.16	0.28
	Including	279.00	148.00	427.00	0.20	0.33
	Including	102.00	178.00	280.00	0.23	0.40
JMRC 041	391.00	no significant intercepts				
JMRC 042	150.00	no significant intercepts				
JMRC 043	436.00	no significant intercepts				
JMRC 044	204.00	no significant intercepts				
JMRC 045	400.00	no significant intercepts				
JMRC 046	400.00	12.00	130.00	142.00	0.31	0.32
JMRC 047	283.00	no significant intercepts				
JMRC 048	324.00	no significant intercepts				

12.0 Sampling Methods and Approach

Talus

Sampling of talus fines carried out by Deprominsa and Solitario has used a compositing method that results in samples representative of 100m along the sampling line. This is significantly different from the more widely used point sampling approach since it represents a substantial length of the line. It should be emphasized that although this method has a length associated with each sample, this should not be confused with a sample width. Representation of the talus samples on maps is better done as a line rather than a point or symmetric symbol. Use of points or symmetric symbols does not depict the strongly linear nature of the sample and should be used with caution .

Talus fines were collected as composites of 10 sites located at 10m intervals, centred if possible, on a 100m line station. Each sample was named for the station at the midpoint of the samples sites (between sites 5 and 6). Component samples of 100 to 200g were taken typically between 30 and 40cm depth and above the ferrugenous duricrust. Each component was dried and sieved to #10 mesh size. An equal amount of each component sample was then combined and homogenized by shaking the sample bag before shipping to San Juan for pickup by ALS Chemex.

Chip Sampling

Chip sampling followed conventional methods of following as close to the centre line of the sample as practical. Samples were chipped not cut. The majority of chip samples were taken along road-cut type trenches. Sample width was kept constant within each trench as much as possible.

Drillhole Sampling

Both reverse circulation (RC) and diamond drill core (DDH) drilling has been completed at the Josemaría project. The entire length of the holes have been carefully logged, on a systematic 2 m interval in the case of RC, and on a systematic 1m core length in the case of DDH holes.

RC chips were collected at the drill in large sacks weighing about 40kg. These were taken to the camp where they were weighed and run though a quartering and homogenizing process using riffle splitters that results in a 5kg split for shipment to the lab. Representative samples are retained as a geological record of the hole and for re-assay.

The core intervals were split in half by saw with one half then being submitted for assay and the balance being store in San Juan for reference. Also, from the saved one half core, samples were taken for density measurements.

No geologic breaks dictated breaks in the uniform 2m (RC) or 1m (DDH) sampling, which is appropriate for a bulk tonnage, low-grade deposit. HQ diameter core was drilled to provide adequate

sample weights. The average weight of a half core sample for a 2 m interval is 8.0kg, and therefore a significant weight that provides for sample preparation and assaying.

The rock is generally very competent, and overall recoveries are in the order of 95% or better, with only very occasional fracture zones having recoveries of less than 70%.

The following information was recorded by the field geologist for all geological samples collected for analysis and for reference samples:

- Sample Numbers.
  - Field Sample Number.
  - Laboratory Sample Number.
  - Duplicate Sample Number.
- Date of Sample Collection.
- Local Name of Sample Site.
- Geologist.
- Easting, Northing, and Elevation Coordinates.
- Sample
  - Type.
  - Method.
  - Dimensions.
  - Environment.
  - Size Fraction.
- Mineralogy.
- Description.
- Comments.

13.0 Sample Preparation, Analysis and Security

The details were explained in the Report published on SEDAR, "Preliminary Resource Estimate for the Josemaria Project, San Juan Province, Argentina", and dated January 23, 2006.

Samples are prepared for shipping by Depromin S.A. personnel to the San Juan office in the Batidero Camp. In San Juan, ALS Chemex picks up the shipments at the San Juan office and is responsible for their transport to Mendoza. The authors are not aware of any reasons for concern regarding the security of the samples.

The protocol currently being used by Depromin S.A. is fairly standard, but has not been validated by a sample heterogeneity test.

There is only limited information on the overall precision of the assay data, and no information regarding its accuracy. As the project moves forward, it becomes imperative that a full sample QA/QC program be developed.

14.0 Data Verification

Assay Database

The computerized database was spot-checked against the laboratory certificates, which are issued as digitally-signed Acrobat PDF documents, as well as paper certificates.

The checks were done on the most recent campaign (2006/2007), corresponding to about 200 intervals scattered throughout the drill holes, from a total of 12,903 available Au grades and Cu grades.

No errors were found in the transcription of TCu and Au assay values, and thus the indications are that the database is in very good order and up to international standards. The authors believe the data provided to be reliable and are not aware of any reasons for concern regarding data validity.

Laboratory QA/QC

Duplicate samples were collected in the field and routinely examined using regression methods. There are a total of 447 duplicate samples at this stage of the project. Statistical analyses made on these duplicates indicate that the overall precision of the samples is good or very good.

The absolute deviation of the duplicate samples were plotted against a sample reference number, which correlates to time, as well as the cumulative frequency distribution of the Cu and Au pairwise relative deviations.

Figure 14.1 shows the absolute differences for Cu (Original minus Duplicate), in ppm, while Figure 14.2 shows the corresponding graph for Au. Note that there are a few samples that evidence significant deviations, the level one would expect if bag swapping or mishandling of sample numbers had occurred. However, if that were the case, then the highly deviated values should occur in both Au and Cu for the same sample number, and this is not necessarily the case.

On the other hand, there are groups of sample numbers (approximately mid-way through the x-axis) that show excellent results.

The overall average deviations should the duplicates to be overall unbiased. For Cu, it is 2.57 ppm, while for Au the overall average is 0.0035 g/t.

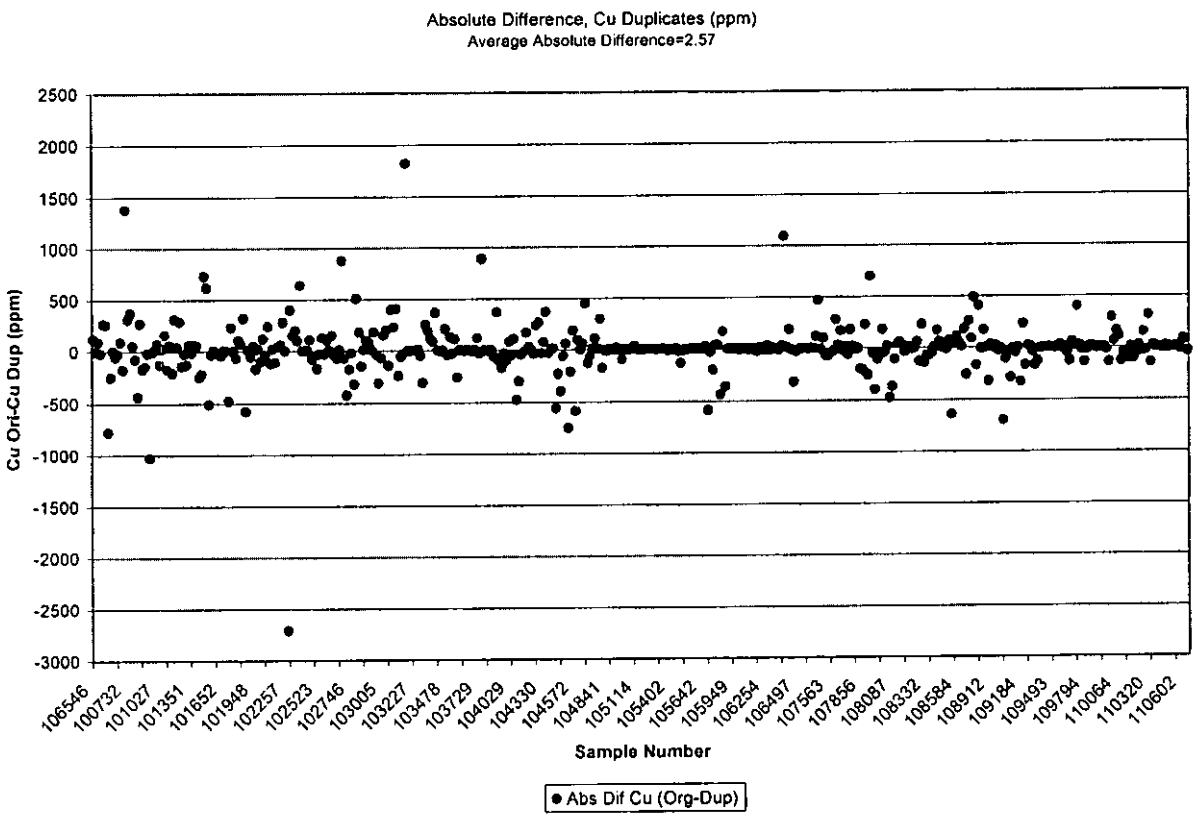


Figure 14.1: Field duplicates, (Original – Duplicates) vs. Sample Number, Cu (ppm).

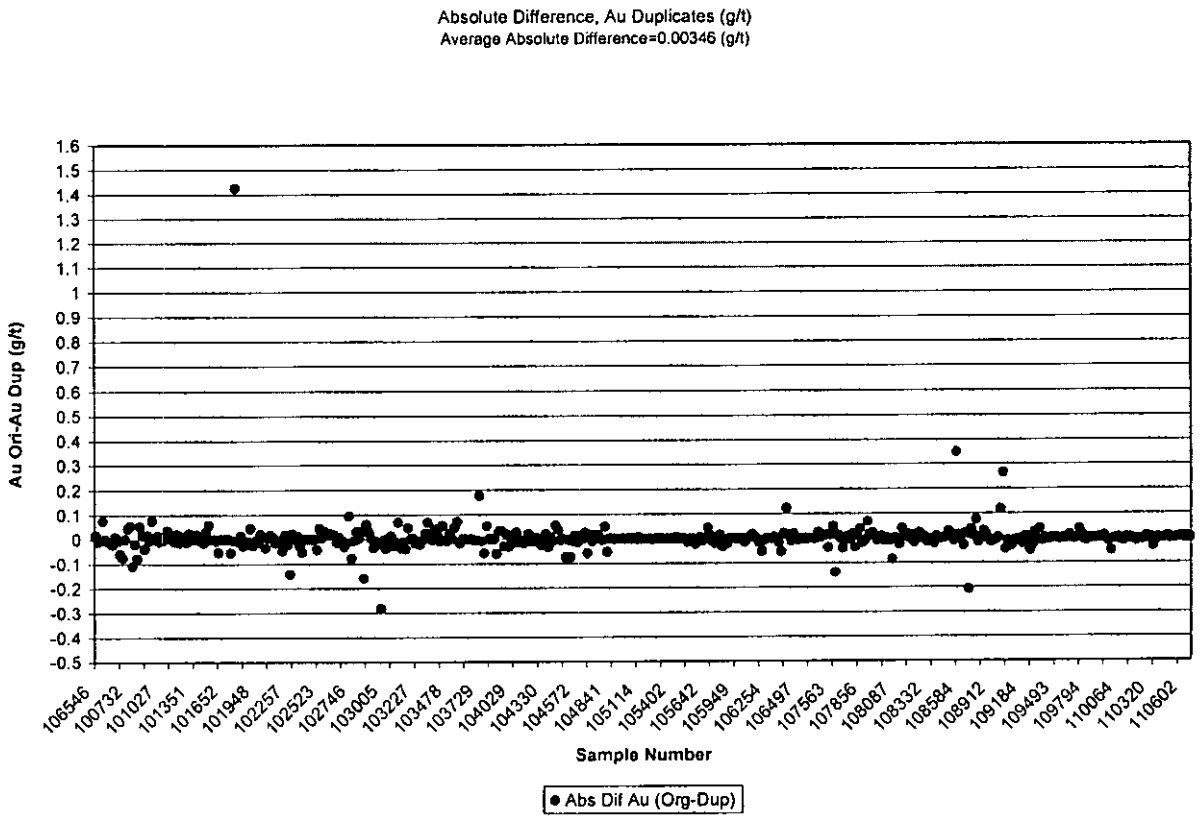


Figure 14.2: Field duplicates, (Original – Duplicates) vs. Sample Number, Au (g/t).

The pairwise relative deviation of the duplicates is calculated as the absolute value of the difference between the pairs, divided by (relative to) the average value of the pair. The mathematical expression is thus:

$$\%\,\mathrm{Re}lDev = \frac{ABS(Ori - Dup)}{[(Ori + Dup)/2.0]}$$

The % Relative Deviation are sorted and plotted against their cumulative frequency, see Figures 14.3 and 14.4, for Cu and Au, respectively. In the case of field duplicates, it is expected that 90% of the pairs be at 20% percent or less relative deviation for Cu and Au. In this case, Josemaria duplicates show that 90% of the duplicates are about 15% relative deviation or less for Cu, while for Au the same parameter is at about 22%, which is considered good.

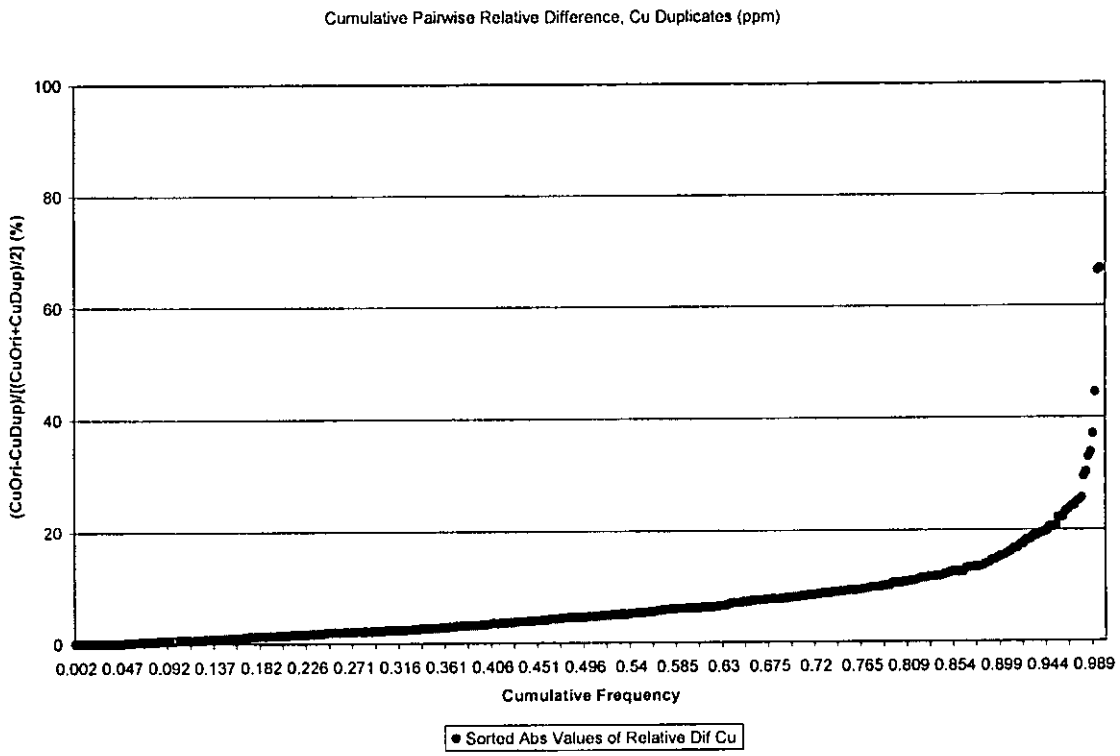


Figure 14.3: Cumulative Frequency of the Pair Relative Deviations, Cu (ppm).

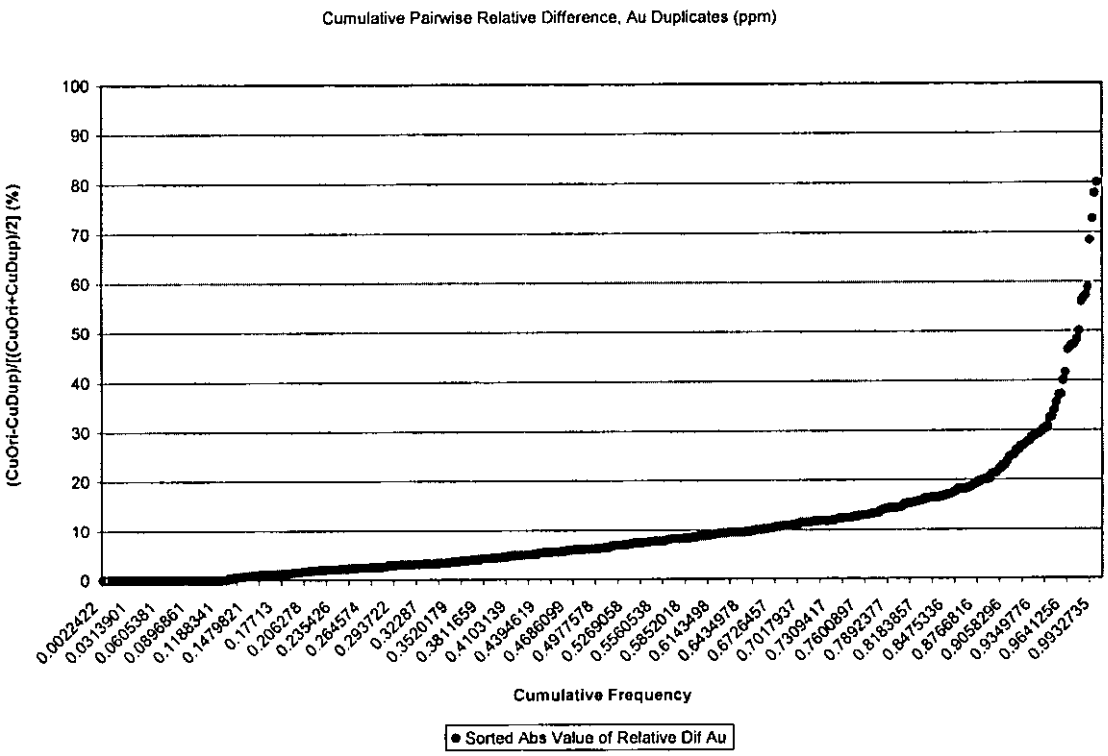


Figure 14.4: Cumulative Frequency of the Pair Relative Deviations, Au (g/t).

15.0 Adjacent Properties

Immediately to the south of Josemaría is the Batidero property owned by TNR through Solitario and in which Tenke has earned a 75% interest. To the southwest of Josemaría is the Vicuña prospect, also owned by Tenke. In addition to the original Vicuña prospect there are several joint venture sub-projects exploring for similar targets between Vicuña and Josemaría.

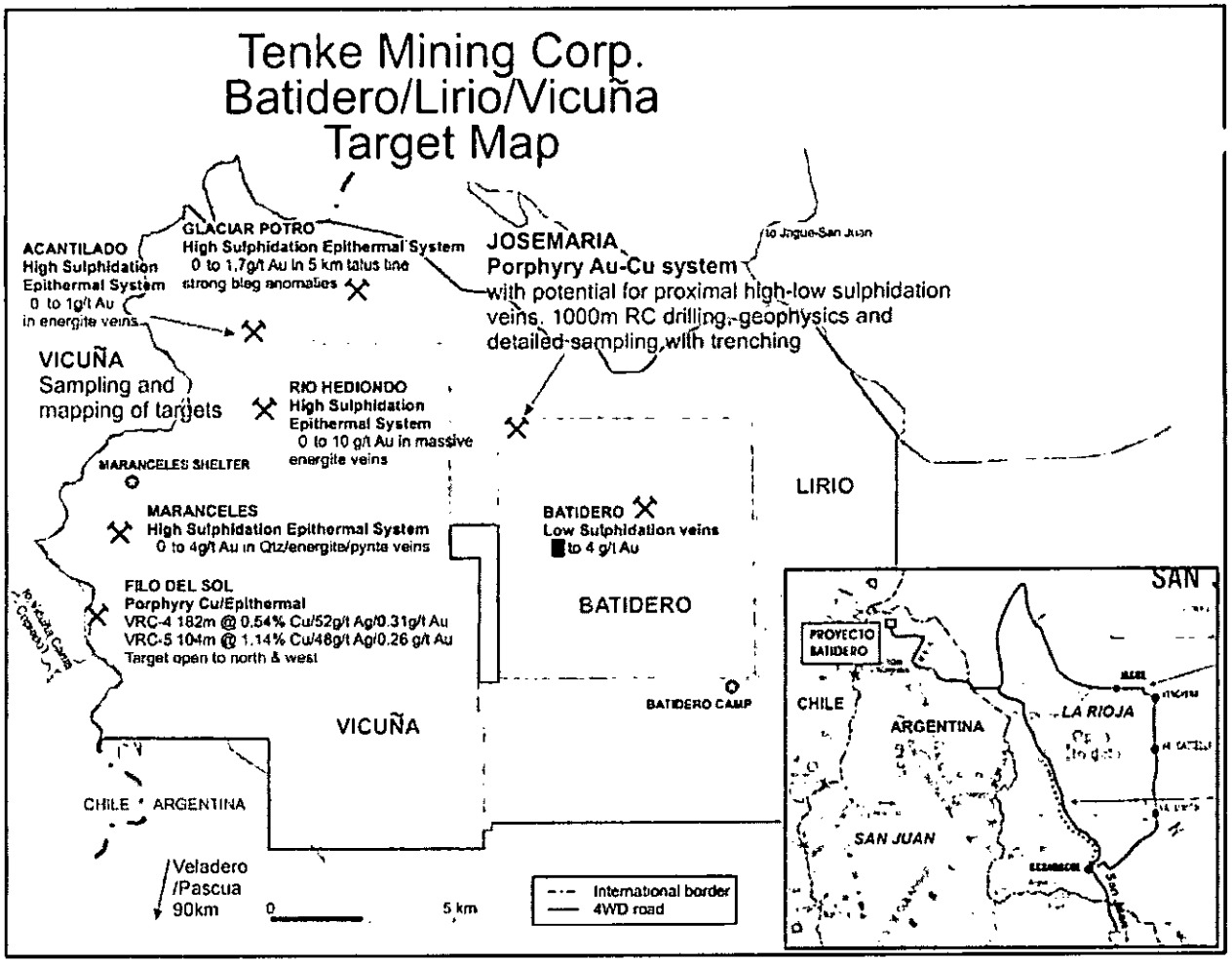


Figure 15.1 Location of Adjacent Properties

The following material has been taken directly from published descriptions by Tenke Mining Corp and has been edited for continuity in this report.

Vicuña Project

Exploration by the Tenke Mining Corp at the Vicuna project focuses on high sulphidation, epithermal gold targets. Geological mapping, regional talus and rock chip geochemistry and geophysics (CSAMT, IP-Res, Mag) identified clusters of epithermal signatures which include explosive breccia centres (possible diatremes) with strong gold/silver anomalies at surface. These targets were mostly associated with geophysical resistors (intensely silicified structures) resulting from multiple events of fracture and silica introduction into the upper levels of these epithermal systems.

Drilling of these targets resulted in several highly anomalous gold, silver and copper intercepts with mineralization open at depth. The results indicate vertical variations of the epithermal system and gradational interaction with porphyry systems at depth. Hole VRC-4 returned 182 m grading 0.54% Cu, 52 g/t Ag and 0.31 g/t Au - the bottom 10 m graded 0.85% Cu and 0.64 ppm Au and is open at depth. Hole VRC-5 returned 104 m grading 1.14% Cu, 48 g/t Ag and 0.26 g/t Au, also open at depth. Most of the mineralization is acid soluble.

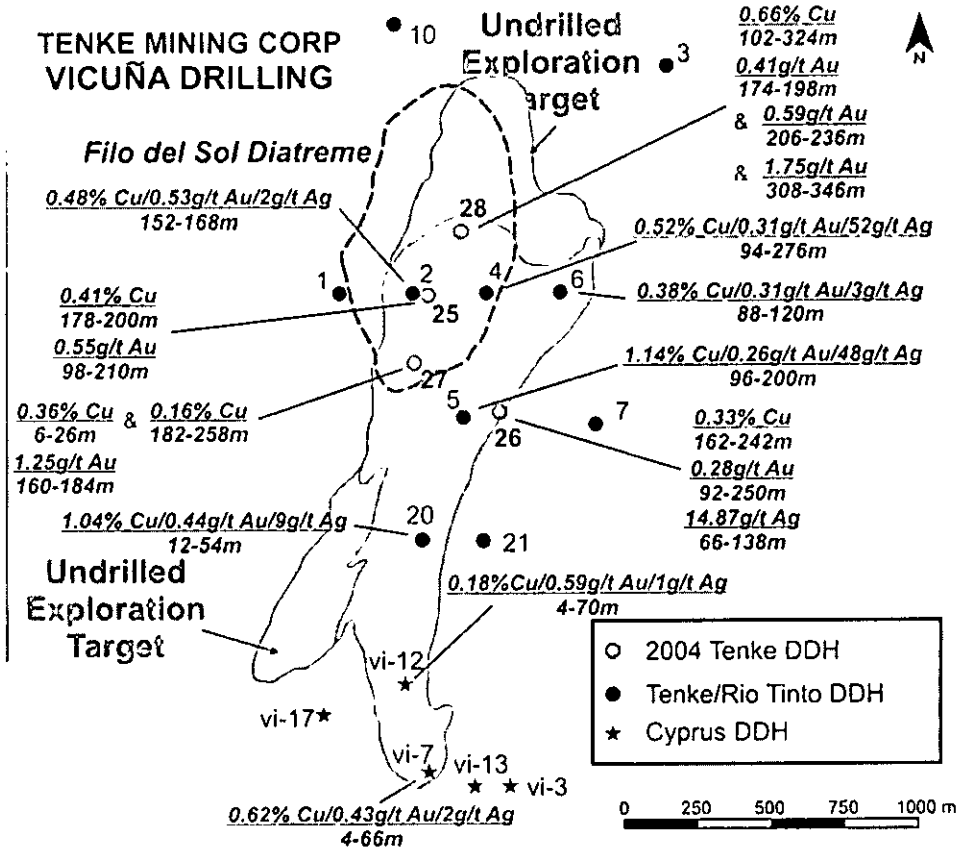


Figure 15.2 Vicuna Drilling

Further work in the area in 2002 led to greater emphasis on the district-wide porphyry/epithermal transitions. As exploration within the region progressed, several additional epithermal anomalies were identified along margins or flanks of multi-phased porphyry intrusives, exposing a variety of potential targets which are "telescoped" into older systems. Vicuña appears to be part of a larger regional multi-porphyry system which shows a vertical section of over 1,000 metres with evidence of mineralized targets of several ages.

A 1,170 metre program in 4 widely spaced holes was completed in March, 2004 on the Filo del Sol target, testing the deeper portions of the open mineralization previously discovered as well exploring the potential northern extension of the copper/gold zone. The results indicate a significant lateral extension of mineralization to the north at Filo del Sol, where Hole VRC-28 was drilled some 300 metres north of any previous drilling in the vicinity of the diatreme. A major copper intercept was encountered in VRC-28 grading 0.66% Cu over 224 m, including an 8 m interval of 7.43% Cu.

These intercepts, together with new geochemical sampling and regional geological mapping at the eastern flanks of the Vicuña epithermal-porphyry system continue to provide evidence of a large deep porphyry potential with associated exposures of epithermal systems on top. The variable conditions of the mineralized intervals at depth as well as the relationships between gold and copper zones in most of the holes are interpreted to correlate with exotic copper mineralization along strongly fractured zones where gold was deposited initially as the result of epithermal fluid interaction. The origin of such a system is related to local porphyry systems. The best grades and continuity of mineralization coincide with the flanks of the diatreme system at Filo del Sol, and therefore, untested targets still remain at the borders of the system.

Batidero Project

The history of the Batidero property was described earlier. Within the central parts of Batidero a number of Au veins and breccias were explored by Solitario, Barrick Exploraciones de Argentina S.A. and subsequently Tenke between 2000 and 2003. The relationship of these breccias and veins to the porphyry system at Josemaría is not well understood and the extent to which they may provide additional exploration insight has not yet been determined. Although Batidero is included in the subject of the report, the epithermal gold target that initiated exploration has not been discussed in detail. That aspect of the Batidero property may be considered *adjacent* to the primary porphyry Au-Cu-Mo system of Josemaría.

16.0 Mineral Resource and Mineral Reserve Estimates

The most recent resource estimate is described in the report entitled "Preliminary Resource Estimate for the Josemaria Project, San Juan Province, Argentina", dated January 23, 2006. This report has been filed on SEDAR and the reader is referred to the report for further details on the resource estimate. A brief summary is provided in the section below.

16.1 Database and Geologic Model.

The database used to estimate the resources at Josemaría consisted of a total of 34 inclined surface drill holes (as of year-end 2005), dipping in between 80° to 65° to the east and west.

The assay database was composited to 2 m and coded using the modeled geology. Three zones were defined to control grade estimation within the mineralized volume including the main mineralized zone (MZ), the leached cap (LIX) and the volcanic (SEV) sequence (as determined by the low-angle fault described elsewhere). The LIX and SEV zones were estimated as separate domains. The remainder of the composites are assigned to MZ volume (intrusive complex).

The high-grade analysis was based on the probability curves for each estimation domain, as well as the quantity of metal as a function of Au and TCu cutoff grades. Table 16.1 shows the summary for the grade capping applied. It is important to note that "capping" means re-setting all values higher than the chosen threshold to that threshold.

Table 16.1: Au and TCu grade capping, by estimation domain.

Estimation Domain	*Au capping grade (g/t)*	*Percentile Au distribution*	*TCu capping grade (ppm)*	*Percentile Au Distribution*
Mineralized (Zone 0)	1.00	99.5%	12,000	99.3%
SEV	0.35	99.0%	2,000	99.0%
LIX	0.75	99.5%	3,000	98.5%

16.2 Variography.

Correlograms were run on the original samples for both TCu and Au, without separating estimation domains. The correlogram models developed were discussed with site geologists, and in all cases found reasonable and in agreement with current geologic knowledge. The main conclusions and observations obtained from variography were:

1. Overall correlations are in the same order of magnitude as expected for this type of deposit, between 100 m to 200 m for about 50 to 70% of the total variance. General directions of continuity are N-W for the first structure and N-S to N-E for the overall model. In some cases, and in particular for Au and considering the first structure, there is good continuity down dip, although rarely as good as the along-strike continuity.

2. Generally, the TCu and Au spatial correlations are similar, particularly as it relates to the overall spatial distribution. However, there are differences that may be significant, since they suggest a stronger structural control (sub-vertical) for the shorter-range correlations in the case of Au.

3. In the sub-horizontal plane, the first structures tend to exhibit a NW-SE trend, which corresponds to a district-wide structural system, while the longer-ranges appear to correspond to a different district-wide system, orientated more N-S to NE-SW.

16.2 Resource Block Model.

The Josemaría resource block model was defined as a single-size block model that encompasses the area of interest. The model has its limits expressed in Gauss-Kruger (Campo Inchauspe).

The block size chosen was 25 x 25 x 15m, intended to reflect drill hole spacing available and generally accepted practices used to model large, Cu-Au porphyry deposits.

Grades were estimated using ordinary kriging (Journel and Huijbregts, 1978) and the correlogram models described in the previous section.

Three estimation passes were used to estimate the resource model. Each pass was done using a varying degree of requirements before any given block could be estimated. Data selection was done using octant searches in all cases, since it helps to avoid over-influence of individual drill holes in areas with redundant information. The searches were rotated according to the geologic information available and the correlogram models developed.

16.3 Resource Classification.

Using the CIM definitions (CIM Standards on Mineral Resources and Reserves Definitions and Guidelines, August 2000), all Josemaría resources were classified as *inferred.*

16.4 Geologic Resources

The overall resources for the Josemaría Copper-Gold project are summarized in Table 16.2 according

to TCu cutoff. The resource estimate was completed by Mr. Mario E. Rossi, Qualified Person according to the definition set out in NI 43-101 by reason of education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience. Also, Mr. Rossi is independent of Tenke Mining Corporation applying all of the tests in section 1.5 of NI 43-101.

The most important observations are:

1. The overall resource at a 0.3% Cu cutoff is inferred at 374 million tonnes with a 0.40% TCu and 0.29 g/t Au grades. All resources have been classified as inferred, as discussed above.

2. The amount of resources above cutoff drops rapidly for higher cutoffs. There are approximately 240 million tonnes estimated within the 0.3% to 0.4% cutoff grade class. The grades above the 0.4% cutoff are 0.52% TCu and 0.35 g/t Au, respectively.

3. The grades in the slightly enriched zone are being mixed with the lower grades of the primary mineralization. An improved geologic model that allows separation of the two (or more) zones should help in defining slightly higher grades in the upper portions of the deposit.

There are no known environmental, permitting, legal, title, taxation, socio-economic, marketing, and political or other relevant issues that may materially affect the resource estimates.

Other relevant factors that may materially affect the resources, including mining, metallurgical, and infrastructure are not yet known, and have not been discussed in this report.

Table 16.2: Total Resource, 2005 Resource Model, Josemaría.

Josemaría Model, Inferred Resources			
TCu Cutoff (%)	Million tons above TCu cutoff	TCu Grade (%)	Au Grade (g/t)
0.2	692	0.33	0.25
0.3	374	0.40	0.29
0.4	131	0.52	0.35
0.5	60	0.61	0.37
0.6	26	0.70	0.38
0.7	10.2	0.80	0.38
0.8	3.7	0.89	0.37

17.0 Mineral Processing and Metallurgical Testing

No mineral processing or metallurgical testing has been conducted on samples taken from the Josemaría property.

18.0 Other Relevant Data and Information

There is no additional information that the authors are aware of that would significantly affect the interpretation and conclusions of this report.

19.0 Interpretation and Conclusions

Geological mapping, geophysics and geochemistry evidence and drilling on the Josemaria property from 2002 through 2007 has delineated a prospective Cu-Au porphyry system. Three zones have been defined to control grade estimation within the mineralized volume. These were the main mineralized zone (MZ), leached cap (LIX) and the volcanic (SEV) sequence . The lixiviation zone was modelled based upon copper depletion and weathering profile logging. This zone of depletion varies from 50 m to 150 m in thickness. A preliminary resource estimate was prepared in late 2005. The resource model was used to guide further exploration of the deposit both to depth and to the west, north-west and south-east. Over the past two field seasons mineralogical studies, geophysical surveys and ongoing drill programs have improved the geological model of the deposit. This expanded information database should now be used to update the resource model which can then be used as a basis for preliminary assessment of the project.

20.0 Recommendations

20.1 General

The purpose of this report is to provide an update of the project status and summarize exploration activities undertaken since the last Technical Report was published January 23, 2006. The recommendations below are generally directed towards expanding the resource and improving the quality of future resources estimates at the Josemaria Project. Some of these recommendations are repeated as they are still considered action items in progress.

Topography

The topographic surface and survey control used for this level of study is adequate but consideration should be given to improving the quality and accuracy of the topography surface as the project advances. A budget has been prepared including an allocation for improvement of the topographic mapping.

Drillhole Surveys

Downhole surveys should be made of holes that can be re-entered and of all new drillholes. These recommendations are restated as the holes are very deep – to 850 m historically and to 600 m forecast in the current 2007/2008 exploration season. Attempts to survey holes in the past exploration season were unsuccessful. Alternative methods should be attempted in the future.

Density Determination

The density database for the project is limited. Density determinations should be undertaken as a routine part of the core logging procedure. The metallurgical program for 2007/2008 will include limited density testing.

QA/QC

Although no serious issues have been revealed with respect to QA/QC in the work done to date, for further project advancement it will be necessary to implement a more complete control program. Among other aspects, blanks, standards, and blind pulp duplicates should be sent to the laboratory (1 of each for every 20 samples). Continued vigilance is required to maintain the standards achieved so far on the project.

Core Logging

It is recommended that the reverse circulation holes be re-logged.

Resource Model Domains

The resource model domains are still very simplistic and there may be an opportunity to include improved domain limits to include alteration and additional structural elements.

References have been made to gold mineralization possibly related to epithermal events that could/should be isolated from porphyry copper-gold mineralizing events. At the current drill spacing these distinctions have not been identified and included in the resource model. Future work should address these issues if high gold values are encountered in the drilling results.

Geo-metallurgical Model

Future preliminary economic assessments of the deposit will require metallurgical test work to establish expected results for grinding, copper and gold recovery, concentrate grade, and tailings characterization. A program for preliminary metallurgical testing is recommended as follows:

- Grinding
  - SPI, bond RM, bond BM, Ai,
- SAG and HPGR testing if samples large enough are available
- Flotation
  - 18 tests -6 for grind optimization, 6 for circuit configuration, 6 for cleaning, regrinding assessement) + 2 cycle tests
- Tailings assessment
  - solid-liquid separation
- Concentrate penalty analysis
- Mineralogy of heads+flotation products

Geotechnical

Porphyry copper gold deposits typically lend themselves to large scale mining methods including open pit mining and underground caving methods. Rock mechanics properties and structural analyses will be required for future preliminary economic assessments. Core holes should be logged for geo-technical properties. Site geologists should be provided with guidelines and training to collect this information.

ARD Models

Large mining projects have the potential to impact the local environment. It is recommended that Tenke develop a database leading to creation of an Acid Rock Drainage (ARD) characterization model. Availability of this information will greatly improve the development of future mine plans both for the purposes of permitting and cost estimation.

Adjacent Properties

As the Josemaria Project is located in a prospective region for exploration, it is possible that there could be economic synergies with development of other deposits. As such, further exploration and development of the deposit should be undertaken with this possibility in mind.

Resource Model Update

The resource model initially developed in 2005 and reported on January 23, 2006 should be updated to include the drilling results of the 2005/2006 and 2006/2007 field seasons. Following the resource model update preliminary assessment of the deposit may be considered

Exploration Program and Budget 2007/2008 Field Season

A work program is recommended for the 2007/2008 field season. The key objective for the program is to continue defining the extension of mineralization in a 300 m plus wide zone that remains open northwest of hole JMRC-39 and characterized by a moderate to high magnetic response as shown in Figure 20.1. Copper and gold mineralization remains encouraging in hole JMRC-39 with higher grades characterized by strong phyllic alteration ((from 0-432m) 432 m @ 0.27g/t Au and 0.35% Cu, including (from 120-378 m) 258 m @ 0.32 g/t Au and 0.46% Cu, including (from 190-308 m) 118 m @ 0.299 g/t Au and 0.52% Cu)). It is expected that this zone of mineralization can be intersected and extended.

The three proposed holes totalling 1800 m are shown as follows:

A) 2446200 / 6855600 / line 4600	90 / -70 / 600 m
B) 2446050 / 6855700 / line 4580	90 / -70 / 600 m
C) 2446050 / 6855800 / line 4540	90 / -70 / 600 m

These holes are labelled and shown in dark green in Figure 20.1.

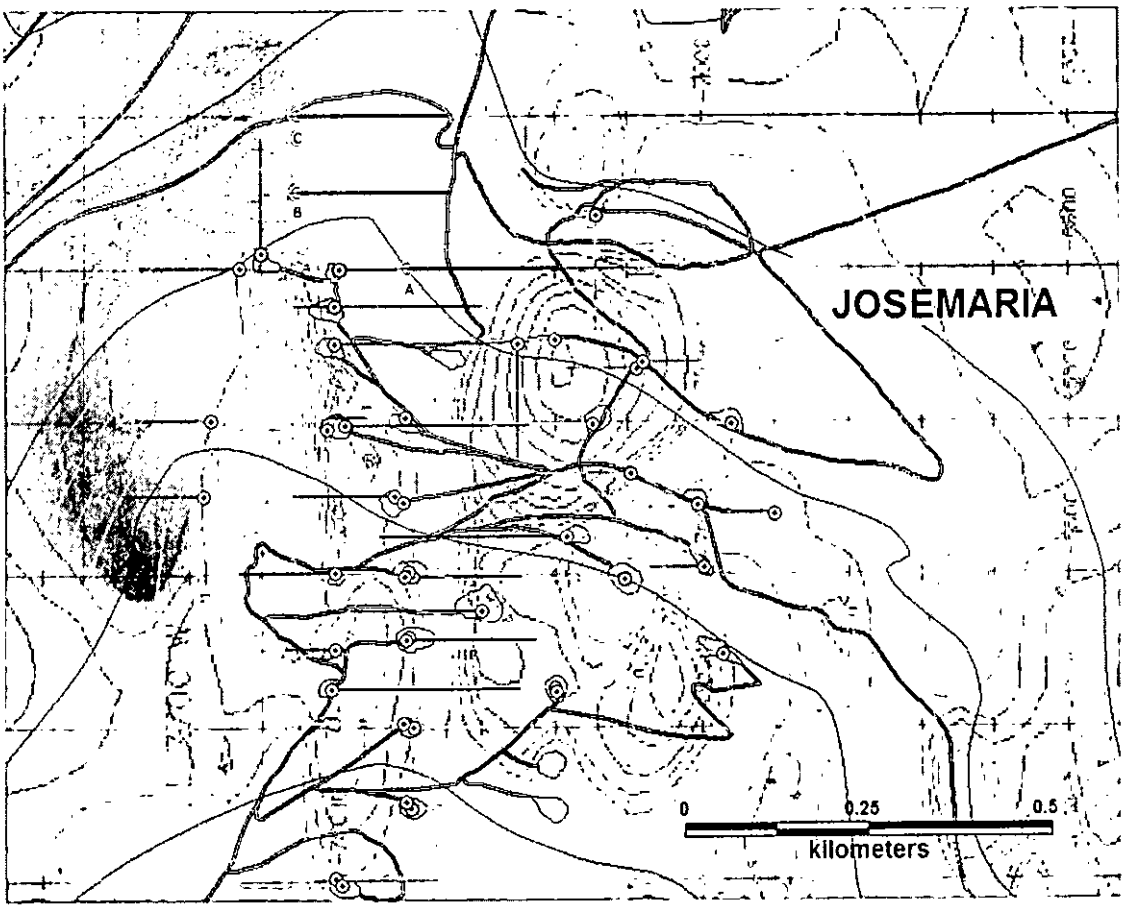


Figure 20.1 Proposed Drillholes

In order to characterize the different mineralization types, 30 metallurgical analyses and 30 density analyses will be carried out. A topographic survey will be carried out to improve the quality and accuracy of the topographic surface. A budget of approximately US$879,500 is envisaged to achieve the above mentioned program. The budget is further detailed in Table 20.1

Table 20.1 Exploration Budget

Item	US$
Drillholes - 1800 metres	$ 754,000
Metallurgical Testwork	$ 80,000
Density Analyses	$ 500
Topographic Survey	$ 5,000
General Administration	$ 40,000
Total	**$ 879,500**

21.0 Certificates of Authors

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CERTIFICATE of AUTHOR

I, Mario E. Rossi, Min. Eng., MSc, do hereby certify that:

1. I am Principal Geostatistician of:
   GeoSystems International, Inc
   15998 Mataro Bay Ct
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   33446.
2. I graduated with a Master of Science degree in geostatistics from Stanford University, California, USA, in 1988. In addition, I have obtained a Mining Engineering degree from the University of San Juan, Argentina, in 1985.
3. I am a member of the Canadian Institute of Mining and Metallurgy (CIMM), a fellow of the Australian Institute of Mining and Metallurgy (AusIMM, Australia), a member of the Society of Mining Engineers (SME, USA), a member of the International Association of Mathematical Geology (IAMG), and a member of the Geological Society of America (GSA).
4. I have worked as a geostatistician for a total of 16 years since my graduation from university, and as a mining engineer for an additional 2 years.
5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible for the preparation of Section 16 of the technical report titled Josemaría Project Exploration Update, and dated 15th June, 2007 (the "Technical Report") relating to the Josemaría Project. I visited the Josemaría property on November, 2006 for 3 days.
7. I have had no prior involvement with the property that is the subject of the Technical Report.
8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
9. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

Dated this 15th Day of June, 2007.

Mario E. Rossi

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CERTIFICATE of AUTHOR

I, John Nilsson P.Eng., do hereby certify that:

1. I am President of:

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   V3Y 2T9

2. I graduated with a Bachelors degree in Geology from the Queen's University in 1977. In addition, I obtained a Masters degree in Mining Engineering from the Queen's University in 1990.

3. I am a member of the Association of Profession Engineers of British Columbia.

4. I have worked as a geologist and mining engineer for a total of 29 years since my graduation from university.

5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for assembly of the report and review of the resource estimation procedures.

7. I have had prior involvement with the property that is the subject of the Technical Report.

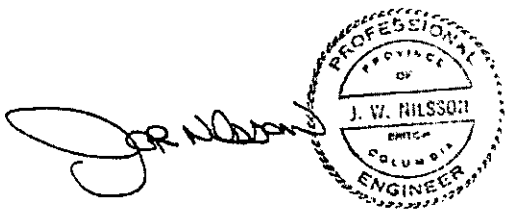
8. I am not aware of any material fact or material change to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

9. I am independent of the issuer applying all the tests in section 1.5 of National Instrument 43-101.

10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

11. I consent to the filing of the "Josemaría Project Exploration Update, and dated 15th June, 2007 (the "Technical Report") relating to the Josemaría Project with any stock exchange and/or other regulatory authority and any publication of the audit by them, including electronic publication in the public company files on their websites accessible by the public.

Dated this 15th Day of June, 2007.



John Nilsson, P.Eng.

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APPENDIX A

DRILLHOLE DATABASE

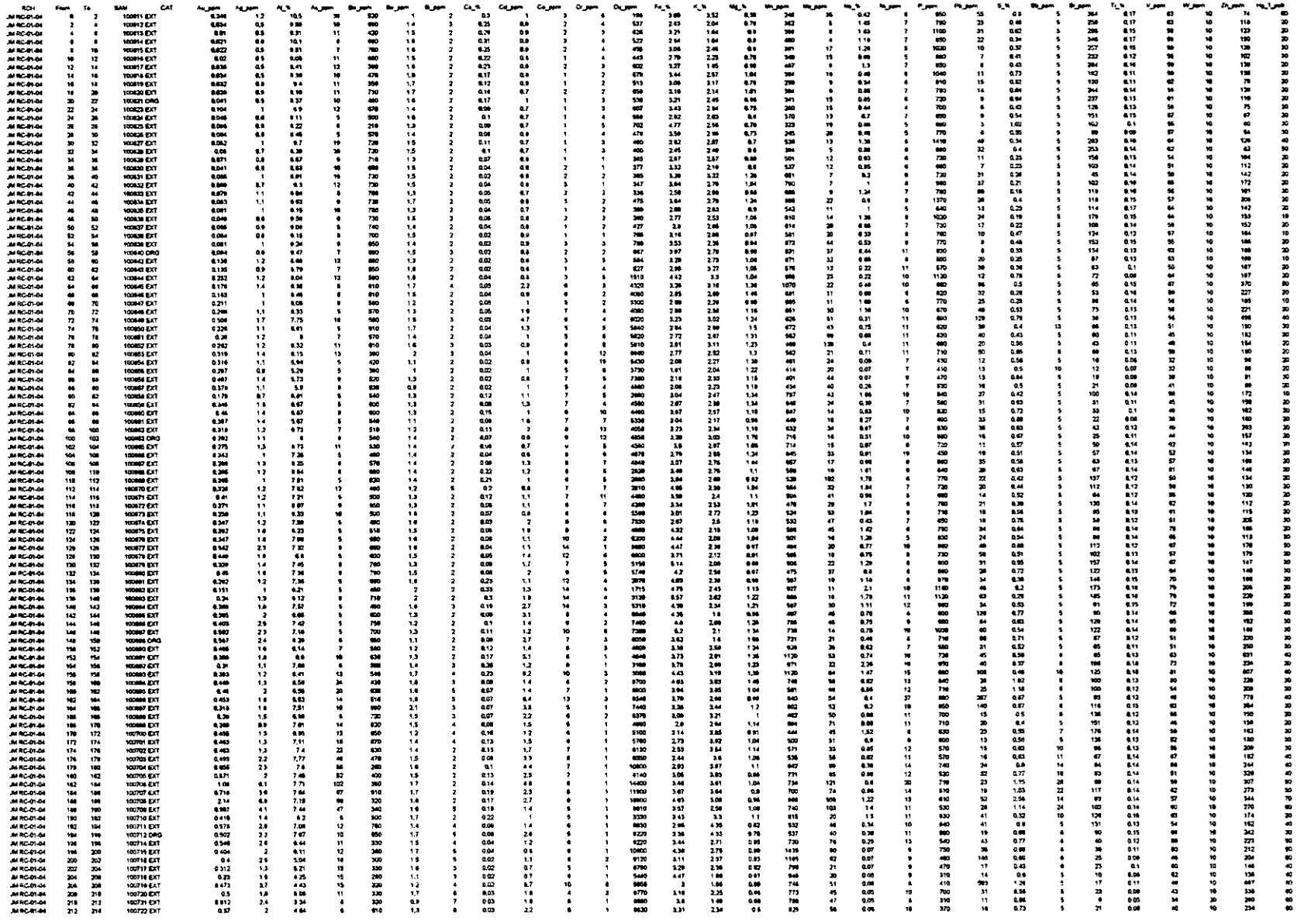
JOSEMARIA

Drill Hole Headers

Drill Hole Assays

DRILL HOLE COLLARS JUNE 2007

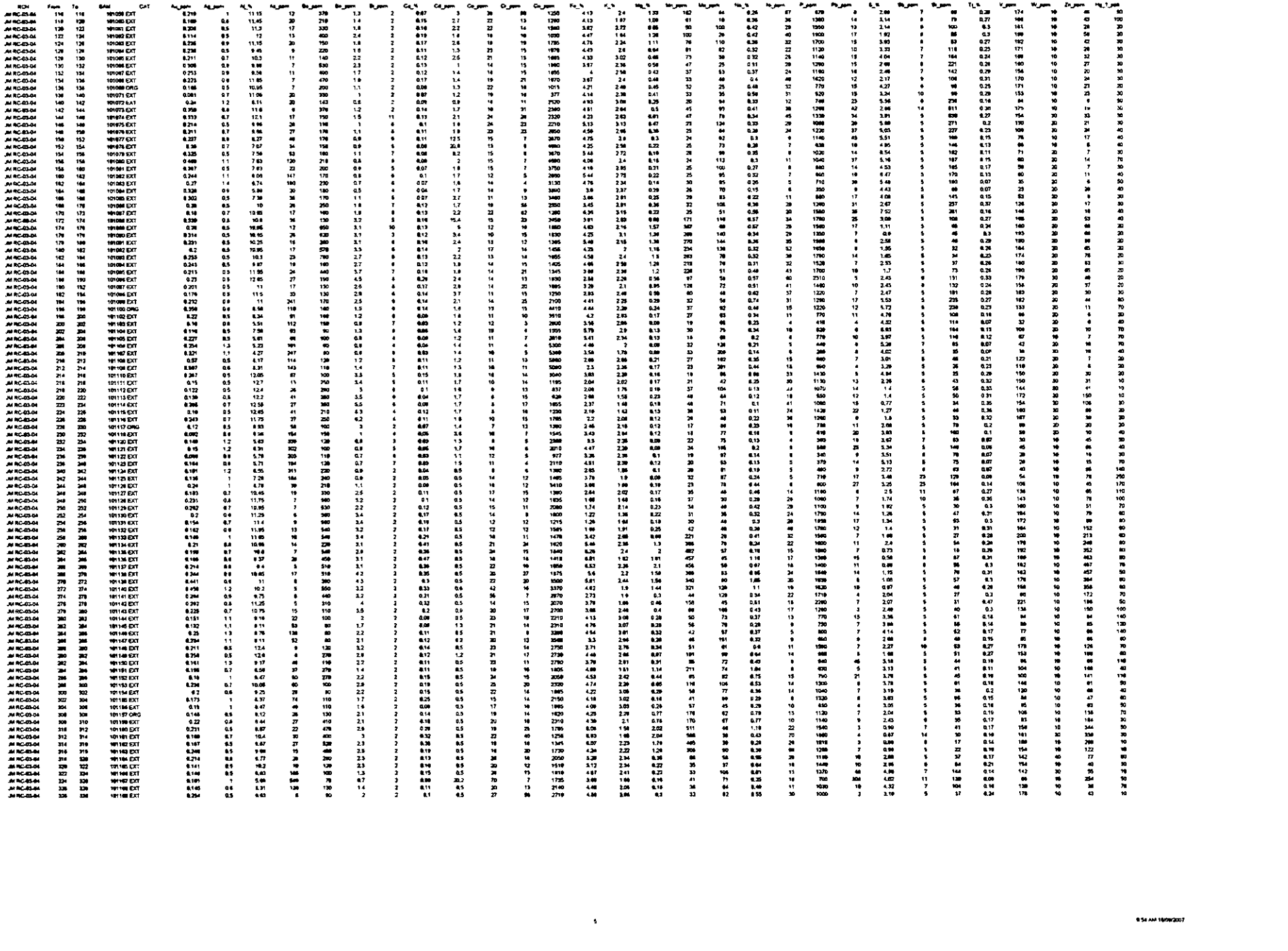
POZOS	GK-X	GK-Y	COTA-C1C2	AZIMUT	DIP	LARGO
JM RC-01-04	2446192	6855292	4687	90	-65	370
JM RC-02-04	2446503	6855329	4645	270	-70	370
JM RC-03-04	2446090	6855389	4670	270	-70	350
JM RC-04-04	2446456	6855670	4520	180	-65	354
JM RC-05-04	2446700	6855277	4616	270	-80	370
JM RC-06-04	2447215	6855799	4425	90	-65	300
JM RC-07-04	2446512	6855468	4590	270	-70	304
JM RC-08-04	2446400	6855506	4590	270	-70	357
JM RC-09-04	2446520	6855476	4590	90	-70	350
JM RC-10-04	2446199	6855116	4750	90	-70	350
JM RC-11-05	2446630	6855093	4710	270	-75	350
JM RC-12-05	2446594	6855289	4635	270	-70	300
JM RC-13-05	2446200	6855202	4720	90	-70	350
JM RC-14-05	2446494	6855191	4700	270	-70	400
JM RC-15-05	2446399	6855051	4770	270	-70	440
JM RC-16-05	2446207	6854998	4790	90	-70	350
JM RC-17-05	2446203	6854892	4810	90	-70	420
JM RC-18-05	2446405	6855051	4770	90	-70	400
JM RC-19-05	2446451	6855396	4630	270	-70	400
JM RC-20-05	2446642	6855396	4585	270	-70	350
JM RC-21-05	2446195	6855195	4720	270	-70	400
JM RC-22-05	2446192	6855003	4790	270	-70	444
JM RC-23-05	2447108	6854605	4650	90	-70	372
JM RC-24-05	2445805	6854596	4845	270	-70	374
JM RC-25-05	2446312	6854195	4695	90	-70	400
JM RC-26-05	2446113	6854795	4845	90	-65	400
JM RC-27-05	2446099	6855500	4635	90	-60	420
JM RC-28-05	2445991	6854702	4855	90	-70	420
JM RC-29-05	2446109	6854792	4845	270	-70	408
JM RC-30-05	2446197	6854900	4810	270	-70	400
JM RC-31-05	2449550	6853600	4410	90	-80	240
JM RC-32-06	2446196	6855404	4650	270	-75	396
JM DH-01-05	2446196	6855112	4750	90	-70	519.75
JM DH-02-05	2446113	6855394	4670	90	-60	501.2
JM DH-03-05	2446095	6855048	4775	90	-60	513.35
JM DH-04-05	2446416	6855247	4685	270	-60	513.35
JM DH-05-05	2446297	6855151	4730	270	-60	358.1
JM DH-06-06	2446350	6855500	4590	180	-80	850
JM DH-07-06	2446205	6855195	4726	90	-80	850
JM RC-33-07	2446180	6855300	4690	270	-70	400
JM RC-34-07	2446100	6855550	4630	90	-60	400
JM RC-35-07	2446100	6855500	4640	0	-90	420
JM RC-36-07	2446100	6855100	4760	270	-80	400
JM RC-37-07	2446100	6855200	4730	270	-70	384
JM RC-38-07	2446100	6855550	4630	270	-80	390
JM RC-39-07	2446100	6855600	4620	90	-70	432
JM RC-40-07	2446600	6855200	4670	270	-80	427
JM RC-41-07	2444850	6856200	4620	270	-70	391
JM RC-42-07	2446400	6857000	4200	90	-75	150
JM RC-43-07	2446000	6855620	4600	360	-70	436
JM RC-44-07	2445170	6856270	4540	90	-70	204
JM RC-45-07	2445970	6855600	4600	270	-70	400
JM RC-46-07	2445930	6855400	4680	270	-75	400
JM RC-47-07	2445150	6856400	4570	90	-70	283
JM RC-48-07	2445920	6855300	4730	270	-70	324



BCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Se_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-01-04	214	216	100724 EXT		0.004	2.8	4.84	11	660	1.5	4	0.06	3.6	7	5	7550	3.84	2.84	1.17	1086	12	0.07	14	410	78	0.76	5	33	0.12	56	20	464	60
JM RC-01-04	216	218	100724 EXT		0.046	3	4.57	7	580	1.2	3	0.04	0.6	6	1	6950	3.1	2.91	0.91	888	40	0.08	11	340	27	0.67	5	62	0.08	39	20	143	80
JM RC-01-04	218	220	100725 EXT		0.485	1.6	4.38	9	570	1	3	0.02	0.7	7	1	6660	2.63	2.69	0.95	854	31	0.08	9	340	15	0.88	5	62	0.08	34	20	170	70
JM RC-01-04	220	222	100726 EXT		0.616	1.7	5.37	16	480	2.7	3	0.13	1.2	12	54	6610	3.3	3.07	1.01	882	29	0.07	44	1130	33	0.54	5	68	0.34	86	30	210	70
JM RC-01-04	222	224	100727 EXT		0.347	1.4	5.3	6	530	1.4	3	0.02	0.7	5	1	7030	3.77	2.41	1.12	697	83	0.08	10	410	11	0.5	5	57	0.08	41	30	151	60
JM RC-01-04	224	226	100728 EXT		0.367	1.4	4.72	11	670	1.9	5	0.02	0.4	7	1	6840	3.13	2.69	1.09	874	118	0.07	12	340	29	0.54	13	67	0.07	35	20	223	60
JM RC-01-04	226	228	100729 EXT		0.5	1.7	4.14	12	460	1.1	2	0.12	0.5	31	5000	3.98	2.56	1.14	748	90	0.07	22	630	29	0.46	5	54	0.16	91	20	195	60
JM RC-01-04	228	230	100730 EXT		0.796	1.7	4.67	11	210	2.1	2	0.36	0.5	24	86	6350	7.17	2.49	2.85	1180	53	0.54	89	1600	16	0.44	5	64	0.56	138	20	236	80
JM RC-01-04	230	232	100731 ORG		0.639	3.7	5.36	16	470	1.3	2	0.09	0.5	9	12	11100	3.9	3.35	0.82	629	19	0.08	13	430	23	1.08	5	64	0.16	91	20	209	60
JM RC-01-04	232	234	100733 EXT		0.343	1.8	4.67	9	630	1.1	2	0.01	0.5	7	9	7740	3.95	3.11	0.72	630	17	0.07	6	340	16	0.44	5	60	0.13	91	20	190	60
JM RC-01-04	234	236	100734 EXT		0.426	1.7	4.66	9	520	0.9	2	0.01	0.5	5	9	7620	3.52	3.04	0.95	679	54	0.07	7	340	19	0.68	13	60	0.12	91	20	136	60
JM RC-01-04	236	238	100735 EXT		0.639	2	4.62	7	460	1.1	4	0.04	0.5	6	7	8080	4.15	2.96	0.87	634	63	0.12	6	380	18	0.86	16	68	0.12	82	20	181	60
JM RC-01-04	238	240	100736 EXT		0.43	1.6	4.78	6	650	1	2	0.02	0.5	6	5	6500	3.6	2.96	0.88	741	24	0.10	6	320	20	0.63	5	68	0.12	84	20	173	60
JM RC-01-04	240	242	100737 EXT		0.364	1.5	4.67	7	440	1	2	0.02	0.5	4	5	5280	3.62	2.98	0.9	637	23	0.12	7	360	32	0.63	5	61	0.12	82	20	172	60
JM RC-01-04	242	244	100738 EXT		0.512	4.9	4.92	10	560	1.1	2	0.02	1.9	7	16	6810	4.18	3.02	0.83	624	27	0.24	7	330	34	0.77	5	68	0.11	88	20	206	60
JM RC-01-04	244	246	100739 EXT		0.901	6.6	4.75	12	510	1	2	0.07	0.5	5	12	5220	3.37	3.17	0.99	488	43	0.26	6	350	39	0.92	5	68	0.15	91	20	182	60
JM RC-01-04	246	248	100740 EXT		0.399	1.4	5.57	5	520	1.2	2	0.14	0.5	6	12	3650	3.51	3.36	0.91	512	30	0.25	12	480	16	0.4	5	66	0.16	91	20	135	60
JM RC-01-04	248	250	100741 EXT		0.353	1.9	5.05	9	580	1.1	2	0.1	0.5	6	13	4700	4.01	3.46	0.96	606	16	0.31	11	450	42	0.91	17	74	0.16	97	20	158	60
JM RC-01-04	250	252	100742 EXT		0.653	1.2	5.8	10	430	1.3	2	0.07	0.5	9	20	5380	3.85	3.56	1.04	534	65	0.53	14	880	24	0.91	6	91	0.25	79	20	137	60
JM RC-01-04	252	254	100743 EXT		0.915	1.7	6.35	8	480	1.7	2	0.14	0.5	11	14	5270	3.88	3.31	1.48	547	45	0.68	13	580	18	0.48	5	126	0.3	113	20	152	60
JM RC-01-04	254	256	100744 EXT		0.535	1.4	5.75	11	530	1.4	2	0.07	0.5	9	15	5630	3.89	3.79	1.04	629	36	0.41	12	660	16	0.44	5	84	0.24	94	20	130	60
JM RC-01-04	256	258	100745 EXT		0.809	1.6	6.74	7	530	1.9	2	0.23	0.5	16	31	4760	5.47	3.43	1.66	797	34	0.72	33	1080	16	0.45	5	96	0.45	115	20	178	60
JM RC-01-04	258	260	100746 EXT		0.956	2.2	4.91	5	510	1.1	2	0.02	1.7	7	12	6330	3.76	2.72	1.02	604	21	0.1	16	380	63	0.74	5	62	0.17	83	20	171	60
JM RC-01-04	260	262	100747 EXT		0.902	2.6	3.53	5	510	0.9	2	0.01	0.5	5	6	6660	2.89	2.69	0.67	777	25	0.05	9	270	62	0.6	5	52	0.09	71	20	218	60
JM RC-01-04	262	264	100748 EXT		0.913	2.7	3.72	6	360	1.1	2	0.03	1.7	6	10	6660	2.98	1.95	0.79	654	26	0.05	9	430	19	0.7	5	57	0.09	67	20	203	60
JM RC-01-04	264	266	100749 EXT		0.884	2	5.09	8	560	1.1	2	0.03	0.5	9	15	6760	2.82	3.24	0.96	674	37	0.12	10	380	31	0.62	5	64	0.14	84	20	174	60
JM RC-01-04	266	268	100750 ORG		0.583	2.7	5.65	6	580	1.6	3	0.08	0.5	10	25	6030	3.56	2.81	1.14	734	84	0.16	17	580	46	0.68	5	72	0.25	96	20	230	60
JM RC-01-04	268	270	100752 EXT		0.547	2	5.41	6	470	1.7	3	0.19	0.5	15	48	6630	4.71	2.92	1.4	917	52	0.49	31	910	166	0.68	5	82	0.28	94	20	264	60
JM RC-01-04	270	272	100753 EXT		0.492	1.4	7.35	10	710	1.9	3	0.4	0.5	21	39	5790	5.24	2.71	2.42	852	47	0.86	18	1150	22	0.56	5	102	0.36	115	20	252	60
JM RC-01-04	272	274	100754 EXT		0.498	1.4	6.43	12	720	2.1	2	0.34	0.5	18	48	5310	5.04	2.35	2.89	988	50	0.6	22	1080	17	0.58	5	134	0.46	108	20	288	60
JM RC-01-04	274	276	100755 EXT		0.7	3.6	6.59	11	510	1.8	2	0.32	1	18	32	4170	5.33	2.19	1.84	986	62	1.36	15	1630	14	0.5	5	107	0.41	136	20	452	60
JM RC-01-04	276	278	100756 EXT		2.67	1.8	5.78	5	360	1.6	2	0.2	0.5	11	29	4340	4.36	2.48	1.41	1035	62	0.96	14	720	57	0.48	5	115	0.39	97	20	370	60
JM RC-01-04	278	280	100757 EXT		0.654	2.4	4.79	9	570	1.3	3	0.12	0.5	8	14	6880	3.99	2.97	1	826	52	0.43	14	630	36	0.44	5	77	0.18	80	20	206	60
JM RC-01-04	280	282	100758 EXT		0.421	1.8	5.79	9	610	1.4	2	0.19	0.5	9	17	5670	3.5	3.51	0.94	606	48	0.48	18	670	46	0.64	5	84	0.24	94	20	230	60
JM RC-01-04	282	284	100759 EXT		0.479	3.1	5.91	12	560	2	2	0.24	2.4	13	29	5480	3.96	2.76	1.54	685	54	0.52	21	930	30	0.5	5	93	0.25	116	20	312	60
JM RC-01-04	284	286	100760 EXT		0.473	0.9	4.49	10	560	1	2	0.19	2.4	7	14	5730	3.25	2.51	0.98	678	31	0.48	4	580	164	0.68	5	106	0.2	82	20	481	60
JM RC-01-04	286	288	100761 EXT		0.371	1.5	4.64	8	610	0.9	2	0.19	0.5	7	14	5530	3.72	2.9	0.84	791	62	0.47	4	520	47	0.67	5	115	0.18	83	20	230	60
JM RC-01-04	288	290	100762 EXT		3.2	1.3	5.38	11	660	1.5	2	0.32	0.5	14	34	4860	4.08	2.66	1.7	679	39	1.24	14	670	30	0.58	5	107	0.35	97	20	212	60
JM RC-01-04	290	292	100763 EXT		0.448	1.4	6.77	5	530	1.7	2	0.3	0.5	14	34	7220	4.97	2.45	1.71	753	39	1.16	16	770	30	0.56	5	118	0.3	83	20	212	60
JM RC-01-04	292	294	100764 EXT		0.531	1.4	4.48	5	530	1.1	2	0.22	0.5	6	8	5470	3	2.34	0.89	733	33	0.47	7	510	30	0.46	5	79	0.24	84	20	222	60
JM RC-01-04	294	296	100765 EXT		0.499	2.4	6.21	5	560	1.8	2	0.25	2.8	13	23	6340	3.87	2.57	1.26	940	41	0.25	15	880	73	0.4	5	91	0.25	94	20	221	60
JM RC-01-04	296	298	100766 EXT		0.365	1.6	6.76	5	530	1.9	2	0.44	0.5	12	29	5480	3.9	1.91	1.6	777	43	0.63	14	1080	22	0.63	5	109	0.29	94	20	222	60
JM RC-01-04	298	300	100767 EXT		0.434	1.6	7.18	5	610	2	2	0.52	0.5	13	29	4520	4.51	1.91	1.98	841	53	1.09	15	1080	32	0.56	5	107	0.32	94	20	222	60
JM RC-01-04	300	302	100768 EXT		0.414	1.6	6.86	9	750	1.9	2	0.18	0.5	9	17	5670	4.15	1.86	1.12	687	91	0.42	9	680	32	0.45	5	95	0.15	80	20	200	60
JM RC-01-04	302	304	100769 EXT		0.541	2.4	5.56	9	560	1.5	2	0.28	1.4	9	25	6300	3.91	2.87	0.98	678	56	0.18	12	630	33	0.91	5	91	0.25	94	20	295	60
JM RC-01-04	304	306	100770 EXT		0.462	2.2	5.46	7	630	1.5	2	0.28	0.5	8	14	5630	3.57	2.6	0.85	711	61	0.29	4	640	18	0.73	5	77	0.16	79	20	179	60
JM RC-01-04	306	308	100771 EXT		0.57	1.7	6.46	7	630	1.7	2	0.25	0.5	8	13	6660	3.84	2.5	1	708	65	0.68	14	940	24	0.77	5	91	0.19	79	20	179	60
JM RC-01-04	308	310	100772 EXT		0.806	1.8	6.25	8	630	1.7	2	0.36	4.4	11	34	4730	4.84	2.66	1.34	826	85	0.5	22	1160	34	0.72	5	107	0.24	94	20	264	60
JM RC-01-04	310	312	100773 EXT		0.762	2.1	6.83	8	640	1.9	2	0.6	2.9	17	47	4480	4.5	2.9	1.64	887	55	0.91	46	1740	22	0.71	5	91	0.24	136	20	336	60
JM RC-01-04	312	314	100774 EXT		0.467	1.5	7.75	8	670	2.1	2	0.85	0.6	23	51	5660	5.38	2.44	2.05	1165	63	0.56	56	2140	24	0.45	5	91	0.24	94	20	295	60
JM RC-01-04	314	316	100775 EXT		0.55	1.8	7.91	10	570	1.9	2	0.73	2.1	24	56	5980	5.84	2.52	1.258	1170	68	0.86	41	1780	21	0.5	5	107	0.41	136	20	374	60
JM RC-01-04	316	318	100776 EXT		0.438	1.9	6.47	8	530	1.9	2	0.65	1.2	21	38	3680	4.44	2.2	2.48	888	68	0.86	39	1780	33	0.48	5	102	0.34	114	20	314	60
JM RC-01-04	318	320	100777 EXT		0.4	1.4	6.38	10	520	2.6	2	0.44	0.5	20	47	4810	5.77	2.13	2.27	833	64	0.56	39	1270	25	0.48	5	91	0.24	94	20	264	60
JM RC-01-04	320	322	100778 EXT		0.472	1.8	7.19	7	540	2.2	2	0.36	0.5	16	31	4430	4.52	2.64	1.88	854	60	0.8	26	980	29	0.49	5	95	0.34	114	20	264	60
JM RC-01-04	322	324	100779 EXT		0.339	1.8	5.54	16	460	1.2	2	0.78	0.5	9	31	3860	4.31	1.98	1.34	1086	51	0.6	17	920	42	0.52	5	91	0.2	79	20	236	60
JM RC-01-04	324	326	100780 ORG		0.348	1.8	6.65	17	540	1.6	2	0.51	0.5	13	40	3880	4.55	1.85	1.65	984	32	0.34	14	630	32	0.38	5	84	0.23	84	20	212	60
JM RC-01-04	326	328	100782 EXT		0.362	1.9	4.67	7	360	1.3	2	0.34	0.5	6	20	3980	3.15	2.13	1.14	772	89	0.61	12	980	30	0.38	5	68	0.23	75	20	160	60
JM RC-01-04	328	330	100783 EXT		0.374	3.4	6.48	9	500	2.1	3	0.27	2.9	13	25	3700	4.15	1.71	1.54	1106	46	0.52	23	910	287	0.89	5	91	0.24	114	20	264	60
JM RC-01-04	330	332	100784 EXT		0.348	1.5	6.77	9	490	1.8	2	0.39	0.5	15	35	3160	4.45	2.01	1.88	1160	34	1.36	22	940	27	0.42	5	153	0.35	137	20	253	60
JM RC-01-04	332	334	100785 EXT		0.768	2.6	6.7	8	880	1.7	2	0.42	0.5	15	34	3540	3.78	2.73	1.62	1050	61	0.75	19	780	33	0.76	5	118	0.34	83	20	370	60
JM RC-01-04	334	336	100786 EXT		0.966	4	5.78	7	510	1.8	2	0.28	1.9	9	19	5180	3.38	2.54	1.3	783	42	0.35	17	680	284	0.76	5	79	0.2	86	20	370	60
JM RC-01-04	336	338	100787 EXT		0.454	1.6	7.51	7	310	1.7	2	0.75	0.5	16	33	3470	4.97	2.02	2.6	927	67	1.42	47	1130	30	0.56	5	96	0.4	132	20	258	60
JM RC-01-04	338	340	100788 EXT		0.362	1.4	7.48	8	340	1.8	2	0.79	0.5	21	41	2580	5.3	2.39	2.61	998	53	1.79	30	1240	27	0.39	5	96	0.4	132	20	314	60
JM RC-01-04	340	342	100789 EXT		0.561	1.6	6.43	9	420	1.5	2	0.41	1.4	14	40	3800	4.62	2.4	1.88	1070	46	1.62	30	970	40	0.4	5	102	0.31	114	20	264	60
JM RC-01-04	342	344	100790 EXT		0.442	1.5	7.82	9	520	1.9	2	0.41	0.5	12	30	4660	4.51	2.49	1.66	760	55	1.56	16	790	32	0.46	5	102	0.32	94	20	248	60
JM RC-01-04	344	346	100791 EXT		0.517	1.8	8.15	9	480	1.9	2	0.38	0.5	11	30	4850	5.08	2.17	1.96	886	54	1.44	18	980	29	0.86	5	107	0.35	94	20	247	60
JM RC-01-04	346	348	100792 EXT		0.9	1.9	8.27	13	550	1.4	3	0.36	0.5	12	30	4380	4.22	2.48	1.5	888	43	1.36	16	780	36	0.48	5	102	0.27	91	20	211	60
JM RC-01-04	348	350	100793 EXT		0.499	1.3	8.15	10	550	1.7	2	0.36	0.5	10	31	3900	3.98	2.67	1.44	878	39	0.91	11	670	29	0.41	5	131	0.29	91	20	203	60
JM RC-01-04	350	352	100794 EXT		0.457	1.9	8.29	5	700	2	2	0.34	0.5	11	30	5120	3.98	2.37	1.7	940	78	0.62	10	870	16	0.43	5	109	0.31	83	20	143	60
JM RC-01-04	352	354	100795 EXT		0.687	1.7	8.36	8	520	1.7	2	0.55	0.5	14	34	4770	5.98	2.56	1.56	826	62	1.37	19	910	18	0.5	5	102	0.34	119	20	181	60
JM RC-01-04	354	356	100796 EXT		0.438	1.5	5.9	11	620	1.3	2	0.36	0.9	8	20	3640	3.24	2.24	1.25	708	96	1.19	12	810	24	0.4	5	84	0.27	91	20	215	60
JM RC-01-04	356	358	100797 EXT		0.44	1	6.42	13	340	1.5	2	0.39	0.5	10	18	3440	3.38	2.62	1.38	685	56	1.3	9	740	30	0.68	5	84	0.27	94	20	158	60
JM RC-01-04	358	360	100798 EXT		0.421	1.4	6.34	16	578	1.4	2	0.68	0.5	10	21	3820	3.48	2.58	1.37	982	52	1.42	11	1000	26	0.4	5	84	0.27	94	20	214	60
JM RC-01-04	360	362	100799 EXT		0.229	2.8	5.84	65	720	1.6	2	0.39	0.9	8	20	3770	3.28	2.44	1.2	978	44	0.83	12	740	77	1.48	5	84	0.27	94	20	286	60
JM RC-01-04	362	364	100800 EXT		0.343	3.5	5.68	39	770	1.5	2	0.4	1.3	10	29	3750	3.37	2.34	1.22	784	43	0.86	10	730	74	1.5	5	84	0.29	94	20	263	60
JM RC-01-04	364	366	100801 EXT		0.578	1.2	6.67	11	510	1.7	2	0.4	0.5	13	36	3400	4.37	1.76	1.68	905	48	1.34	16	780	32	0.63	5	84	0.27	94	20	181	60
JM RC-01-04	366	368	100802 EXT		0.381	1.2	5.21	6	560	1.5	2	0.14	0.5	9	13	4160	2.98	1.72	1.03	532	123	0.48	5	670	16	0.88	5	68	0.14	97	20	126	60
JM RC-01-04	368	370	100803 EXT		1.08	1.8	5.82	9	650	1.4	3	0.15	0.5	10	20	4520	3.56	1.91	1.18	884	72	0.58	10	530	15	0.78	5	84	0.18	79	20	203	60
JM RC-03-04	0	2	100804 ORG		0.298	1.6	6.98	12	560	2.3	2	0.18	0.5	14	31	1140	5.14	1.92	2.38	957	33	0.68	35	1360	14	0.04	5	84	0.4	84	20	523	60
JM RC-03-04	2	4	100805 EXT		0.394	1.4	7.33	12	540	1.4	4	0.11	0.5	11	16	903	4.81	1.98	1.96	853	47	0.86	20	940	53	0.1	5	57	0.17	114	20	388	60
JM RC-03-04	4	6	100807 EXT		0.341	1.3	7.58	12	550	1.5	3	0.08	0.5	8	21	770	3.99	2.81	1.56	715	35	0.08	17	880	68	0.1	5	57	0.1	139	20	382	60
JM RC-03-04	6	8	100808 EXT		0.3	1.4	8.67	10	500	1.2	5	0.09	0.5	8	17	957	3.82	1.99	1.34	911	100	0.09	16	730	30	0.12	5	64	0.17	107	20	252	60
JM RC-03-04	8	10	100809 EXT		0.277	1.3	7.77	7	570	1.4	5	0.09	0.5	8	19	779	4.4	3.08	1.56	782	106	0.08	17	810	27	0.1	5	64	0.17	127	20	302	60
JM RC-03-04	10	12	100810 EXT		0.299	1	7.21	7	600	1.2	6	0.07	0.5	10	25	886	4.4	2.61	1.88	888	85	0.08	19	810	23	0.09	5	64	0.17	121	20	466	60
JM RC-03-04	12	14	100811 EXT		0.272	0.8	7.34	7	460	1.5	7	0.1	0.5	11	19	1485	4.82	2.38	1.76	795	130	0.05	22	710	36	0.07	5	72	0.18	121	20	408	60
JM RC-03-04	14	16	100812 EXT		0.254	1.3	7.62	37	380	1.6	2	0.22	0.5	15	25	1445	4.81	2.65	2.07	742	96	0.11	26	1060	43	0.08	5	64	0.35	136	20	368	60
JM RC-03-04	16	18	100813 EXT		0.335	1.2	8.59	17	230	2	2	0.3	0.5	21	45	2530	6.32	2.73	2.47	809	162	0.11	24	1360	18	0.04	5	82	0.52	174	20	313	60
JM RC-03-04	18	20	100814 EXT		0.263	1.7	7.52	15	340	1.9	2	0.29	0.5	27	54	3480	6.15	2.28	2.62	1250	91	0.32	34	1160	9	0.05	5	57	0.3	158	20	306	60
JM RC-03-04	20	22	100815 EXT		0.348	1.3	6.9	13	480	1.6	2	0.19	0.5	17	38	2980	5.13	2.22	1.9	708	80	0.24	19	830	12	0.08	5	64	0.28	126	20	178	60
JM RC-03-04	22	24	100816 EXT		0.271	1.4	8.07	11	350	1.7	3	0.26	0.5	20	43	1525	5.77	2.34	2.75	784	80	0.47	28	1100	12	0.04	5	39	0.3	158	20	213	60
JM RC-03-04	24	26	100817 EXT		0.272	1.4	5.9	10	500	1.2	5	0.14	0.5	7	21	829	3.92	1.97	1.38	476	73	0.49	11	610	120	0.32	5	34	0.2	126	20	154	60
JM RC-03-04	26	28	100818 EXT		0.238	1.2	6.43	8	560	1.4	3	0.14	0.5	10	22	943	4.72	2.27	1.7	762	93	0.49	14	880	9	0.07	5	45	0.21	112	20	192	60
JM RC-03-04	28	30	100819 EXT		0.234	0.9	6.35	5	380	1.3	3	0.15	0.5	13

RCH	From	To	SAM	CAT	As_ppm	Ag_ppm	Al_%	Au_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-03-04	56	60	100835	EXT	0.32	1.1	1	10	260	1.4	2	0.16	0.5	12	20	7530	4.66	2.84	1.36	588	48	1.61	15	760	21	1.48	5	237	0.25	108	96	174	30
JM RC-03-04	60	62	100836	EXT	0.352	1.9	0.79	20	340	1.9	2	0.17	0.5	15	24	7080	5.47	3.69	1.42	614	77	1	21	660	16	0.84	5	391	0.25	123	94	264	30
JM RC-03-04	62	64	100837	EXT	0.317	1.4	10.15	5	370	1.8	4	0.27	0.5	17	28	5650	4.17	3.36	2.15	845	79	1.54	25	1040	36	0.52	5	156	0.69	167	96	330	30
JM RC-03-04	64	66	100838	EXT	0.38	2.1	6.2	11	720	1.5	2	0.84	0.5	8	12	5110	4.16	3.36	1.66	737	91	0.14	11	430	62	0.32	5	88	0.42	112	96	301	30
JM RC-03-04	66	68	100839	EXT	0.371	2.3	5.21	5	640	1.2	2	0.85	0.5	7	17	9010	3.6	3.43	0.79	786	63	0.11	6	340	26	0.71	5	39	0.67	77	96	228	30
JM RC-03-04	68	70	100840	EXT	0.275	1.9	6.21	12	660	1.4	3	0.09	0.5	7	6	5340	4.19	3.44	0.86	686	66	0.07	9	410	29	0.46	5	68	0.66	77	96	278	30
JM RC-03-04	70	72	100841	EXT	0.279	1.7	5.83	5	750	1.4	4	0.13	0.5	8	14	5850	4.11	3.46	1.06	975	91	0.12	7	360	30	0.66	5	97	0.66	84	96	416	30
JM RC-03-04	72	74	100842	EXT	0.299	1.6	6.64	13	670	2	2	0.43	0.5	10	24	4480	6.6	2.27	2.03	1436	114	1.84	26	1020	71	0.86	9	117	0.52	106	96	367	30
JM RC-03-04	74	76	100843	EXT	0.309	1.4	6.19	7	640	2	2	0.36	0.5	21	21	4480	6.84	2.9	2.15	1676	116	1.1	24	1080	73	0.57	5	129	0.52	104	96	374	30
JM RC-03-04	76	78	100844	EXT	0.334	0.8	5.71	15	640	2.3	2	0.51	0.5	25	34	4660	6.6	3.59	2.37	1665	84	1.46	29	1350	14	0.66	5	156	0.61	137	96	424	30
JM RC-03-04	78	80	100845	EXT	0.218	0.8	4.4	14	560	2.2	2	0.56	0.5	22	25	3880	6.67	3.45	2.32	619	105	2	27	1500	17	0.49	5	264	0.41	119	96	251	30
JM RC-03-04	80	82	100846	EXT	0.302	1.1	4.6	6	660	2	2	0.59	0.5	22	28	4350	6.98	3.23	2.23	746	130	1.91	29	1200	12	0.46	5	218	0.4	122	96	276	30
JM RC-03-04	82	84	100847	EXT	0.352	1.2	6.73	18	880	2.1	2	0.76	0.5	22	28	6460	6.62	3.62	2.28	985	122	1.97	29	1340	16	0.66	11	305	0.4	136	96	388	30
JM RC-03-04	84	86	100848	EXT	0.372	1.3	5.99	21	540	1.9	2	0.69	0.5	19	26	5380	5.67	3.47	2.12	979	146	1.78	21	1160	20	0.83	5	268	0.4	116	96	280	30
JM RC-03-04	86	88	100849	DRG	0.456	1.2	6.06	17	530	2	2	0.57	0.5	21	29	5270	6.42	3.7	2.16	911	165	2.13	21	1320	23	0.99	46	301	0.46	129	96	350	30
JM RC-03-04	88	90	100851	EXT	0.34	1.2	6.6	9	510	1.8	2	0.73	0.5	21	30	4140	6.15	3.09	2.27	846	121	2.36	20	1110	20	0.48	5	302	0.45	112	96	229	30
JM RC-03-04	90	92	100853	EXT	0.452	1.5	8.85	6	670	2.1	2	0.47	0.5	30	37	5350	6.74	3.48	2.5	1098	191	2.66	24	1210	88	0.84	5	288	0.5	136	96	344	30
JM RC-03-04	92	94	100853	EXT	0.426	1.3	8.2	35	630	1.8	2	0.52	0.5	17	24	4530	5.6	2.43	1.86	733	126	2.21	20	1040	16	0.53	66	371	0.39	111	96	226	30
JM RC-03-04	94	96	100854	EXT	0.386	1.6	6.36	41	720	1.8	2	0.66	0.5	17	24	4980	6.35	3.48	2.19	1235	114	2.16	20	1030	24	0.79	66	382	0.5	114	96	241	30
JM RC-03-04	96	98	100855	EXT	0.353	4.5	6.13	27	580	2.4	2	0.43	7.8	17	18	9760	5.7	3.65	1.72	1695	114	1.62	18	1040	273	1.24	25	258	0.56	106	96	1166	30
JM RC-03-04	98	100	100856	EXT	0.392	3	8.95	72	410	2.2	3	0.8	4.7	12	17	5240	6.73	4.01	0.66	2360	53	0.62	16	880	233	0.85	23	132	0.29	86	96	1346	30
JM RC-03-04	100	102	100857	EXT	0.233	1.2	7.66	14	750	1.9	2	0.93	0.5	13	16	3060	5.22	3.13	1.23	678	58	0.65	9	660	30	0.37	16	316	0.24	85	96	288	30
JM RC-03-04	102	104	100858	EXT	0.24	1.4	6.83	11	800	1.4	2	0.88	0.6	14	33	3470	5.9	2.56	1.71	966	88	1.76	15	730	58	0.61	5	364	0.24	122	96	264	30
JM RC-03-04	104	106	100859	EXT	0.291	1	7.66	15	840	1.6	2	1.02	0.5	16	35	2730	6.16	2.32	2.36	1442	44	3.66	21	670	16	0.38	5	217	0.41	141	96	251	30
JM RC-03-04	106	108	100860	EXT	0.273	1.2	6.93	21	720	1.7	2	1.1	0.5	24	46	3460	6.56	2.53	2.58	1140	152	2.2	24	1170	10	0.31	25	231	0.44	166	96	478	30
JM RC-03-04	108	110	100861	EXT	0.362	1.5	9.08	34	860	2	3	0.84	0.6	38	47	5170	7.13	3.1	3.16	1378	78	2.87	39	1350	17	0.45	57	237	0.48	180	96	693	30
JM RC-03-04	110	112	100862	EXT	0.483	2.1	8.34	14	840	2.2	3	0.21	0.6	17	27	5100	6.8	3.43	2.81	1658	120	1.42	20	980	21	0.28	11	156	0.38	150	96	382	30
JM RC-03-04	112	114	100863	EXT	0.366	3	6.85	16	580	1.8	3	0.1	0.5	11	20	2260	4.83	2.21	1.53	1066	74	1.67	14	630	88	0.12	6	143	0.25	104	96	265	30
JM RC-03-04	114	116	100864	EXT	0.324	1.3	7.58	15	810	1.8	2	0.36	0.5	14	23	4410	6.06	2.69	1.9	850	79	1.64	16	980	18	0.44	5	156	0.3	136	96	224	30
JM RC-03-04	116	118	100865	EXT	0.334	1.4	7.98	9	860	1.8	2	0.16	0.5	16	25	1160	6.75	2.86	2.68	682	86	1.63	16	700	15	0.05	6	146	0.31	130	96	201	30
JM RC-03-04	118	120	100866	EXT	0.576	2.3	7.91	17	780	2.1	2	0.26	1.1	15	34	7870	6.55	3.35	1.64	807	117	1.1	13	740	18	0.58	6	136	0.27	132	96	238	30
JM RC-03-04	120	122	100867	EXT	0.515	2.1	8.76	5	830	1.8	2	0.24	0.5	14	23	9460	5.16	3.01	1.4	1105	197	1.16	12	630	29	0.68	5	124	0.24	116	96	288	30
JM RC-03-04	122	124	100868	EXT	0.434	1.6	7.13	19	830	1.8	2	0.48	0.5	13	25	5480	5.37	3.08	1.79	699	91	1.75	14	570	22	0.62	5	122	0.31	114	96	329	30
JM RC-03-04	124	126	100869	EXT	0.943	2.9	7	15	820	2.2	2	0.41	0.5	15	25	4020	6.15	2.58	1.74	1600	82	1.09	20	570	42	0.73	5	122	0.31	114	96	326	30
JM RC-03-04	126	128	100870	EXT	0.34	1.4	7.87	17	780	1.7	2	0.47	0.5	14	29	4640	6.16	3.27	1.9	751	97	1.98	18	670	20	0.54	5	164	0.32	116	96	276	30
JM RC-03-04	128	130	100871	EXT	0.399	1.7	7.48	9	730	1.8	2	0.46	0.5	15	28	5320	5.85	2.46	1.91	1180	90	1.93	21	660	23	0.56	5	160	0.33	129	96	248	30
JM RC-03-04	130	132	100872	EXT	0.368	1.8	7.77	12	880	1.8	3	0.54	2.6	13	29	5260	6.21	3.07	1.76	2440	96	1.44	16	720	68	0.7	5	134	0.3	130	96	525	30
JM RC-03-04	132	134	100873	EXT	0.236	1.8	7.83	14	870	1.8	2	0.52	0.5	12	25	3660	5.39	2.34	1.91	999	62	2.15	16	760	24	0.5	5	202	0.3	124	96	1166	30
JM RC-03-04	134	136	100874	EXT	0.906	2.5	7.93	16	730	1.7	2	0.51	0.5	15	24	6050	5.66	2.61	1.66	1025	49	2.36	19	910	24	0.56	5	226	0.34	127	96	204	30
JM RC-03-04	136	138	100875	EXT	0.517	2.6	7.62	24	930	2.1	2	0.38	1.3	15	24	7960	5.71	2.7	1.64	1210	61	1.4	14	820	146	0.86	5	180	0.3	123	96	271	30
JM RC-03-04	138	140	100876	DRG	0.544	3	7.25	17	860	1.4	2	0.51	0.5	17	32	5560	6.16	2.64	1.66	1040	30	2.3	34	720	34	0.56	5	208	0.26	126	96	247	30
JM RC-03-04	140	142	100878	EXT	0.45	1.1	6.6	14	730	1.4	2	0.39	0.5	12	22	4330	4.92	1.98	1.83	826	39	2.09	13	570	36	0.29	5	180	0.23	87	96	192	30
JM RC-03-04	142	144	100879	EXT	0.364	1.2	6.95	11	940	1.4	2	0.47	0.5	15	27	3960	5.46	2.68	1.48	1015	38	2.2	13	610	33	0.36	5	191	0.27	106	96	201	30
JM RC-03-04	144	146	100880	EXT	0.526	1.4	6.89	12	980	1.3	2	0.47	0.5	15	27	4980	5.91	2.65	1.52	948	31	2.14	18	640	26	0.52	5	192	0.28	116	96	306	30
JM RC-03-04	146	148	100881	EXT	0.566	2.4	7.57	11	990	2	2	0.25	0.5	15	30	6290	6.15	3.42	2.19	882	41	1.5	21	950	108	0.54	5	170	0.32	116	96	306	30
JM RC-03-04	148	150	100882	EXT	0.345	1.4	7.66	12	880	1.6	2	0.58	0.5	15	35	4380	5.48	3.15	2.19	861	60	2.42	18	740	58	0.31	5	230	0.36	137	96	289	30
JM RC-03-04	150	152	100883	EXT	0.317	1.4	6.69	17	840	1.8	2	0.71	0.5	14	27	3550	5.15	2.84	1.64	832	46	2.84	15	740	29	0.23	5	218	0.29	116	96	306	30
JM RC-03-04	152	154	100884	EXT	0.485	2.3	5.15	13	410	1.4	2	0.37	0.5	12	29	6430	4.27	2.04	1.47	1066	60	1.14	15	430	80	0.85	5	116	0.23	42	96	166	30
JM RC-03-04	154	156	100885	EXT	0.467	2.2	6.58	15	770	2.1	2	0.19	1.1	13	21	7360	5.19	2.54	1.4	1190	34	1.35	12	580	83	0.38	5	136	0.23	71	96	550	30
JM RC-03-04	156	158	100886	EXT	0.122	0.8	8.91	17	710	1.8	3	1.4	1.7	12	13	2220	4.65	2.65	1.2	1230	14	2.6	11	960	26	0.14	5	382	0.23	83	96	383	30
JM RC-03-04	158	160	100887	EXT	0.347	1.4	7.45	6	630	1.8	2	0.64	0.6	13	19	4460	4.44	2.26	1.56	936	17	2.16	12	660	31	0.28	5	276	0.24	91	96	291	30
JM RC-03-04	160	162	100888	EXT	0.481	1.4	6.98	6	630	1.5	3	0.52	0.5	13	24	4180	4.91	2.42	2.04	761	36	2.12	16	630	24	0.31	5	265	0.33	136	96	223	30
JM RC-03-04	162	164	100889	EXT	0.71	4.5	4.84	18	480	1.4	2	0.12	0.2	9	18	4870	3.85	3.65	0.66	1625	36	0.58	8	330	260	0.66	6	76	0.1	34	96	980	30
JM RC-03-04	164	166	100890	EXT	0.367	3.5	6.18	8	440	2.1	2	0.3	15	13	34	3660	4.62	3.2	1.5	1136	25	1.26	12	560	854	0.66	5	123	0.27	84	96	2430	30
JM RC-03-04	166	168	100891	EXT	0.24	3.2	5.34	5	320	1.6	2	0.11	7.1	8	14	7660	3.65	3.29	1.34	1206	31	0.54	7	350	98	0.92	5	66	0.09	30	96	921	30
JM RC-03-04	168	170	100892	EXT	0.431	2.1	6.38	11	550	1.6	2	0.17	0.9	9	17	4340	3.79	3.46	1.16	1000	41	0.97	8	370	54	0.71	5	88	0.16	42	96	1166	30
JM RC-03-04	170	172	100893	EXT	0.517	2	5.67	14	500	1	2	0.1	0.5	6	12	6730	3.21	3.56	0.85	770	38	0.9	5	300	35	0.71	5	68	0.08	31	96	184	30
JM RC-03-04	172	174	100894	EXT	0.488	1.6	5.94	13	500	1.2	2	0.25	0.5	8	17	5400	4.34	3.53	1.09	611	44	1.14	6	380	29	0.52	5	118	0.15	51	96	301	30
JM RC-03-04	174	176	100895	EXT	0.548	1.4	6.72	5	670	1.7	2	0.34	0.5	12	25	6470	5.45	3.12	1.64	716	36	1.64	14	530	35	0.61	5	166	0.25	91	96	322	30
JM RC-03-04	176	178	100896	EXT	0.443	1.6	7.22	16	760	1.4	2	0.39	0.5	11	34	6170	5.66	3.6	1.89	713	54	1.82	13	510	37	0.54	5	152	0.23	108	96	166	30
JM RC-03-04	178	180	100897	EXT	0.401	2.1	6.57	15	760	0.9	2	0.17	0.5	8	5	6250	4.12	2.62	0.81	695	31	0.74	6	270	37	0.67	11	62	0.08	22	96	92	30
JM RC-03-04	180	182	100898	EXT	0.312	1.8	6.39	8	630	1.1	2	0.57	0.5	10	18	3150	4.58	2.49	1.26	675	23	2.1	11	440	36	0.56	5	136	0.22	84	96	162	30
JM RC-03-04	182	184	100899	DRG	0.273	1.1	6.7	11	530	1.4	3	0.58	0.5	13	23	3360	5.3	2.29	1.69	683	22	2.12	14	570	31	0.63	5	128	0.25	104	96	166	30
JM RC-03-04	184	186	100901	EXT	0.357	1.2	7.14	8	910	1.4	3	0.78	0.5	15	22	3720	5.66	2.19	1.99	914	36	2.26	12	660	22	0.43	5	140	0.26	96	96	172	30
JM RC-03-04	186	188	100902	EXT	0.332	1.3	7.54	8	880	1.5	3	0.88	0.5	15	24	4420	5.41	2.27	1.71	732	36	2.4	14	670	27	0.5	5	140	0.27	102	96	177	30
JM RC-03-04	188	190	100903	EXT	0.48	1.5	6.41	6	820	1.8	2	0.5	0.5	15	25	4880	5.23	2.74	1.68	1086	43	1.72	14	980	29	0.53	5	130	0.23	96	96	208	30
JM RC-03-04	190	192	100904	EXT	0.54	7.1	6.4	12	980	1.8	8	0.34	28.2	20	17	7160	6.75	2.56	1.29	1979	67	0.63	14	540	788	1.39	10	84	0.21	91	96	1806	30
JM RC-03-04	192	194	100905	EXT	0.397	2.9	7.89	5	880	1.8	2	0.52	12	16	19	5110	6.77	3.06	1.79	2300	30	1.45	13	620	50	0.75	11	99	0.22	77	96	529	30
JM RC-03-04	194	196	100906	EXT	0.344	2.5	6.83	5	950	1.5	2	0.33	9.1	14	11	5910	5.34	1.9	1.53	1505	49	1.26	10	570	37	0.61	11	104	0.17	64	96	544	30
JM RC-03-04	196	198	100907	EXT	0.336	3.3	6.83	5	880	1.2	2	0.14	6.4	10	4	5720	5.34	1.8	0.65	1665	30	0.69	7	370	37	0.78	12	73	0.09	46	96	295	30
JM RC-03-04	198	200	100908	EXT	0.468	3.4	5.98	5	880	0.8	2	0.06	0.5	9	4	9480	3.67	2.13	0.67	1086	16	0.48	4	250	44	1.12	14	62	0.06	30	96	291	30
JM RC-03-04	200	202	100909	EXT	0.433	2.2	6.63	5	880	1.8	2	0.41	9.6	17	14	4730	4.68	1.66	1.32	1518	25	1.13	15	630	36	0.61	12	75	0.22	74	96	443	30
JM RC-03-04	202	204	100910	EXT	0.572	2.5	7.44	9	750	1.3	2	0.49	4.9	15	19	4870	4.81	1.99	1.26	880	30	1.99	15	900	29	0.78	14	79	0.25	84	96	191	30
JM RC-03-04	204	206	100911	EXT	0.386	1.8	7.81	14	760	1.4	2	0.54	9	17	20	4380	4.84	2.06	1.16	774	36	2.29	16	800	19	0.76	14	116	0.24	96	96	246	30
JM RC-03-04	206	208	100912	EXT	0.475	1.9	6.63	9	630	1	2	0.62	6.1	14	20	6280	4.84	2.06	1.16	774	36	2.21	14	660	17	0.45	10	116	0.24	84	96	152	30
JM RC-03-04	208	210	100913	EXT	0.647	2.6	7.03	5	700	1.4	2	0.7	10.1	14	17	8160	5.76	2.77	1.34	794	36	1.98	14	660	24	0.63	11	112	0.22	104	96	148	30
JM RC-03-04	210	212	100914	EXT	0.391	1.6	7.98	5	660	1.4	2	1.48	7.4	15	19	3630	4.37	1.98	1.36	886	33	2.56	12	560	32	0.62	7	136	0.26	91	96	184	30
JM RC-03-04	212	214	100915	EXT	0.298	3	7.35	5	650	1.4	2	0.66	8.7	17	18	4660	4.69	2.45	1.39	854	22	2.52	17	580	30	0.36	10	119	0.24	91	96	191	30
JM RC-03-04	214	216	100916	EXT	0.266	2.1	7.4	5	630	1.3	2	1.8	10.4	16	21	3870	5.33	2.62	1.4	1130	24	2.78	17	660	21	1.24	16	141	0.31	96	96	180	30
JM RC-03-04	216	218	100917	EXT	0.266	1.7	7.91	5	710	1.4	2	0.61	9.1	17	19	3360	4.79	2.1	1.56	1625	28	2.56	14	630	24	0.5	5	146	0.32	100	96	273	30
JM RC-03-04	218	220	100918	DRG	0.273	2.2	7.51	9	590	1.6	2	0.5	10.9	16	20	4110	4.64	2.3	1.62	1325	23	2.26	16	610	29	0.57	13	124	0.28	96	96	229	30
JM RC-03-04	220	222	100919	EXT	0.262	1.8	7.43	5	630	1.5	2	0.63	9.4	16	17	3900	4.62	2.02	1.56	807	23	2.25	15	650	34	0.5	10	129	0.25	96	96	253	30
JM RC-03-04	222	224	100921	EXT	0.227	2.5	7.12	5	630	1.4	2	0.64	11.9	17	20	4720	4.47	2.01	1.48	1066	34	2.36	16	550	25	0.74	5	112	0.25	104	96	253	30
JM RC-03-04	224	226	100922	EXT	0.322	1.8	7.1	5	690	1.3	2	0.5	8.1	15	21	4160	4.68	2.04	1.48	966	36	2.39	16	580	34	0.57	7	116	0.27	96	96	280	30
JM RC-03-04	226	228	100923	EXT	0.356	1.9	8.01	5	820	1.2	2	0.48	9	15	19	3980	4.68	2.26	1.34	1010	23	2.67	14	470	24	0.57	8	88	0.24	84	96	361	30
JM RC-03-04	228	230	100924	EXT	1.12	3.2	7.09	14	860	1.6	2	0.54	8.3	16	18	4660	4.72	2.54	1.48	1515	30	1.74	12	500	22	0.77	11	83	0.23	84	96	1166	30
JM RC-03-04	230	232	100925	EXT	0.344	2.4	5.83	6	610	1	2	0.25	6.4	11	9	5320	3.74	2.14	0.83	1735	25	0.84	7	300	13	0.44	5	79	0.21	62	96	1166	30
JM RC-03-04	232	234	100926	EXT	0.366	2.2	6.34	14	530	1.6	2	0.46	7.6	14	11	4860	4.13	2.05	1.24	1410	30	1.16	11	480	28	0.67	11	97	0.21	80	96	1166	30
JM RC-03-04	234	236	100927	EXT	0.303	2.6	7.39	9	710	1.8	2	0.43	10	20	25	5360	5.36	2.65	1.62	1370	51	1.42	17	540	35	1.04	16	97	0.28	106	96	1166	30
JM RC-03-04	236	238	100928	EXT	0.288	2.5	6.99	11	460	1.8	2	0.53	8.4	15	13	5100	4.48	2.09	1.32	1515	31	1.2	10	420	26	1.04	11	85	0.21	70	96	1166	30
JM RC-03-04	238	240	100929	EXT	0.346	2.4	6.13	7	660	1.2	10	0.53	0.5	7	11	3640	3.39	2.01	1	1160	19	1.82	10	360	20	0.46	9	66	0.13	42	96	1166	30
JM RC-03-04	240	242	100930	EXT	0.512	2.3	5.66	5	540	1.4	6	0.54	0.5	5	17	4750	3.58	2.04	1.08	1308	39	0.97	7	300	15	0.47	5	81	0.13	42	96	1166	30
JM RC-03-04	242	244	100931	EXT	0.329	1

ROH	From	To	SAM	CAT	Ag_ppm	Al_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_f_ppb
JM RC-03-04	272	274	160847 EXT		0.548	1.9	5.46	6	290	1.7	6	0.47	0.5	12	44	2210	5.62	2.69	2.04	1750	34	1.45	33	1420	22	0.32	5	9.6	0.63	154	10	282	10
JM RC-03-04	274	276	160848 EXT		0.32	2.1	7.42	16	316	1.8	7	0.39	0.5	9	27	4430	4.73	2.69	1.98	1960	39	1.58	19	980	27	0.74	5	10.6	0.42	119	10	366	10
JM RC-03-04	276	278	160849 EXT		0.488	1.8	7.13	5	419	2	4	0.25	0.5	6	17	3430	4.23	3.22	1.9	789	37	0.75	11	980	14	0.39	5	7.9	0.35	117	10	302	10
JM RC-03-04	278	280	160850 EXT		0.309	1.6	7.12	5	530	1.4	4	0.33	0.5	5	15	3660	4.62	2.46	1.6	1060	27	1.52	16	850	24	0.48	5	11.2	0.39	98	10	219	10
JM RC-03-04	280	282	160851 EXT		0.296	2.2	7.32	9	550	1.8	8	0.38	0.5	5	17	4610	6	3.14	1.37	1186	24	0.86	18	640	15	0.67	5	11	0.3	107	10	276	10
JM RC-03-04	282	284	160852 EXT		0.348	2	5.98	5	660	1.2	4	0.25	0.5	5	12	4540	3.98	2.67	1	662	37	0.59	18	540	22	0.58	5	9.6	0.18	73	10	268	10
JM RC-03-04	284	286	160853 EXT		0.311	2	6.37	5	660	1.5	2	0.13	0.5	4	8	5130	3.22	3.16	1.86	949	19	0.51	9	760	25	0.53	5	8.4	0.12	77	10	217	10
JM RC-03-04	286	288	160854 EXT		0.233	1.3	6.65	11	760	2.2	4	0.34	0.5	7	13	3730	5.64	2.56	1.66	1310	25	1.52	7	1220	15	0.8	5	8.6	0.45	155	10	283	10
JM RC-03-04	288	290	160855 EXT		0.236	1.2	7.1	9	529	1.4	2	0.25	0.5	5	12	2990	3.46	2.6	1.29	787	23	1.74	4	760	24	0.28	5	9.6	0.32	97	10	198	10
JM RC-03-04	290	292	160856 EXT		0.164	1.1	7.63	6	640	1.9	4	0.29	0.5	6	9	2800	4.54	3.3	1.82	915	29	1.08	6	1120	15	0.29	5	10.6	0.5	142	10	276	10
JM RC-03-04	292	294	160857 EXT		0.162	1.2	8.22	9	630	2.5	7	0.35	0.5	6	13	2270	4.98	3.09	1.78	868	14	0.49	8	1430	16	0.38	5	9.4	0.4	150	10	248	10
JM RC-03-04	294	296	160858 EXT		0.407	1.5	5.99	9	990	1.3	2	0.21	0.5	9	14	3360	3.8	2.56	1.26	1200	7	0.82	8	650	15	0.42	5	9.6	0.2	73	10	212	10
JM RC-03-04	296	298	160859 DRG		0.457	1.7	5.57	5	900	1.4	5	0.17	0.5	4	12	3610	3.66	2.61	1.17	989	16	0.61	9	800	15	0.5	5	8.6	0.19	71	10	191	10
JM RC-03-04	298	300	160861 EXT		0.363	1.6	6.62	5	950	2	4	0.19	0.5	5	13	3700	3.9	2.46	1.33	975	25	0.98	11	920	15	0.44	5	9.6	0.28	88	10	232	10
JM RC-03-04	300	302	160862 EXT		0.277	1.4	6.66	5	870	1.5	3	0.18	0.5	5	14	3080	3.94	2.77	1.22	830	17	1.41	9	930	27	0.33	5	11.1	0.25	79	10	174	10
JM RC-03-04	302	304	160863 EXT		0.238	1.5	7.62	5	710	1.4	2	0.23	0.5	5	17	3230	4.85	3.2	1.41	879	11	1.06	10	560	24	0.3	5	14.6	0.31	84	10	279	10
JM RC-03-04	304	306	160864 EXT		0.223	1.3	7.13	6	830	1.3	2	0.27	0.5	7	16	2600	3.76	2.63	1.38	884	13	1.76	11	580	24	0.37	5	11.4	0.25	88	10	314	10
JM RC-03-04	306	308	160865 EXT		0.307	1.3	6.67	5	640	1.9	2	0.28	0.5	9	17	2640	4.76	2.72	1.67	1458	38	2	9	800	22	0.38	5	9.5	0.26	126	10	353	10
JM RC-03-04	308	310	160866 EXT		0.261	1.1	5.73	10	560	1.4	2	0.19	0.5	10	12	3660	4.26	2.9	0.94	1138	23	0.63	12	780	16	0.31	5	9.9	0.19	95	10	188	10
JM RC-03-04	310	312	160867 EXT		0.394	2	4.94	13	650	1	2	0.1	0.5	9	8	3770	2.49	1.81	0.71	979	36	0.16	7	320	16	0.04	6	4.7	0.07	29	10	163	10
JM RC-03-04	312	314	160868 EXT		0.508	2.1	4.16	33	220	1.2	5	4.04	3.7	5	6	3530	1.94	1.66	0.23	144	14	0.26	6	250	42	2.51	11	2.2	0.01	15	10	988	10
JM RC-03-04	314	316	160869 EXT		0.733	1.8	4.12	24	270	1.4	2	0.05	1	8	6	3660	1.7	2.37	0.45	335	9	0.05	16	230	22	2.84	10	2.5	0.02	13	10	167	10
JM RC-03-04	316	318	160870 EXT		0.88	2.2	4.23	8	540	1	2	0.04	0.5	4	6	3910	2.43	2.7	0.74	882	18	0.05	8	260	18	1.24	5	3.1	0.04	20	10	162	10
JM RC-03-04	318	320	160871 EXT		0.336	1.6	4.7	12	570	1.1	2	0.05	1	9	5	3660	2.6	2.61	1.02	1260	18	0.15	12	310	14	0.48	5	4.6	0.07	33	10	254	10
JM RC-03-04	320	322	160872 EXT		0.443	1.5	5.72	10	530	1.2	2	0.09	0.6	7	5	3420	3.51	3.09	0.94	1065	14	0.7	13	440	23	0.41	5	8.6	0.14	54	10	261	10
JM RC-03-04	322	324	160873 EXT		0.6	1.4	5.14	14	670	1.2	2	0.16	1.2	9	8	3350	3.67	3.23	0.91	1636	9	0.69	12	480	40	0.75	7	8.8	0.16	91	10	262	250
JM RC-03-04	324	326	160874 EXT		0.366	1.5	5.86	15	600	1.4	2	0.19	0.9	9	14	3240	3.91	3.05	1.02	842	21	0.77	15	580	30	1.72	6	7.1	0.23	77	10	260	270
JM RC-03-04	326	328	160875 EXT		0.221	1.3	6.78	18	630	1.5	2	0.15	1.1	10	21	3530	4.06	3.19	1.56	858	16	0.84	15	580	20	2.68	10	6.5	0.26	83	10	258	180
JM RC-03-04	328	330	160876 EXT		0.139	1.2	6.67	17	300	1.5	2	0.26	0.5	15	24	3530	4.66	2.67	1.96	728	20	0.14	23	980	19	3.95	9	5.4	0.23	107	10	310	200
JM RC-03-04	330	332	160877 EXT		0.129	1.2	5.79	45	210	1.5	2	0.14	0.5	13	20	2710	4.27	2.67	1.62	346	27	0.1	17	660	18	4.03	6	4.4	0.16	88	10	296	200
JM RC-03-04	332	334	160878 EXT		0.105	1.2	5.82	88	220	1.6	2	0.15	0.7	10	15	3660	3.98	2.58	1.2	488	12	0.06	12	480	30	3.72	5	6.6	0.16	91	10	246	230
JM RC-03-04	334	336	160879 EXT		0.068	1.4	6.46	119	140	2	3	0.14	0.9	13	15	3480	4.08	2.67	0.96	318	17	0.06	14	670	45	4.17	8	6.7	0.18	77	10	214	210
JM RC-03-04	336	338	160840 ORG		0.067	0.9	4.91	158	110	1.2	2	0.14	0.6	8	8	2980	3.36	2.22	0.46	184	15	0.1	11	310	36	3.24	9	3.6	0.06	48	10	182	180
JM RC-03-04	338	340	160842 EXT		0.151	1.2	5.65	259	160	1.4	2	0.1	1.1	9	8	2260	4.15	2.47	0.52	195	32	0.11	12	430	48	4.18	21	4.1	0.11	68	10	151	250
JM RC-03-04	340	342	160843 EXT		0.162	1.1	6.13	80	350	1.5	2	0.09	0.7	6	10	3070	2.24	2.61	0.72	283	49	0.17	14	420	22	2.49	10	4.8	0.08	44	10	307	200
JM RC-03-04	342	344	160844 EXT		0.181	0.8	6.48	27	400	1.3	3	0.08	0.7	6	8	2480	2.62	2.73	0.9	434	54	0.12	11	410	33	2.33	8	6.8	0.08	48	10	202	170
JM RC-03-04	344	346	160845 EXT		0.077	0.7	7.53	59	140	1.3	2	0.1	1.5	9	8	1635	3.34	3.44	0.67	252	28	0.13	12	580	43	2.76	11	6.8	0.11	57	10	247	180
JM RC-03-04	346	348	160846 EXT		0.1	0.9	7.11	17	110	1.3	2	0.08	0.8	7	8	2030	3.39	3.16	0.81	414	43	0.14	11	530	37	2.68	9	7.6	0.12	64	10	231	110
JM RC-03-04	348	350	160766 EXT		0.082	0.8	7.99	26	250	1.7	2	0.11	0.9	9	14	2260	3.56	3.49	1.21	546	33	0.15	12	640	45	2.47	11	9.1	0.18	69	10	309	160
JM RC-03-04	350	352	160968 EXT		0.113	0.8	9.48	70	210	1.5	2	0.17	0.8	16	8	2660	4.29	5.31	0.57	239	90	0.13	8	580	36	4.07	10	9.8	0.08	54	10	186	150
JM RC-03-04	352	354	160969 EXT		0.078	0.8	7.71	180	200	1.5	2	0.11	2	11	6	2820	3.27	3.51	0.77	294	134	0.11	11	510	124	2.76	13	8.1	0.11	54	10	313	180
JM RC-03-04	354	356	160970 EXT		0.066	1.8	8.53	106	190	1.5	2	0.11	1.3	9	8	3550	3.56	5.21	1.02	885	74	0.19	10	460	44	2.82	12	9.8	0.14	68	10	264	130
JM RC-03-04	356	358	160971 EXT		0.098	1.4	7.56	156	250	1.7	2	0.11	1.8	10	10	3020	3.39	4.37	0.71	852	118	0.13	12	660	54	3.11	5	9.6	0.11	64	10	348	160
JM RC-03-04	358	360	160972 EXT		0.068	2	8.17	107	180	1.7	2	0.13	1.8	11	9	3620	4.21	3.96	0.77	255	78	0.13	13	990	108	3.96	9	13.6	0.11	65	10	502	460
JM RC-03-04	360	362	160973 EXT		0.181	1.6	8.08	144	470	1.7	2	0.23	2.5	10	7	3360	2.13	5.46	0.88	300	90	0.15	11	750	150	2.5	14	11.2	0.06	44	10	407	170
JM RC-03-04	362	364	160974 EXT		0.141	1.6	7.73	78	530	1.6	2	0.16	1.8	9	9	3250	3.34	3.31	1.02	661	79	0.14	13	780	84	2.56	12	9.7	0.1	56	10	367	210
JM RC-03-04	364	366	160975 EXT		0.148	1.8	7.21	44	530	1.6	2	0.19	1.4	8	14	2850	3.3	2.69	0.88	245	127	0.31	16	760	63	3.94	14	8.2	0.14	60	10	373	140
JM RC-03-04	366	368	160976 EXT		0.158	1.6	6.93	48	230	1.6	2	0.16	1.9	10	7	2880	3.64	3.19	0.7	488	31	0.2	5	580	54	3.31	11	8.5	0.12	58	10	416	120
JM RC-03-04	368	370	160987 EXT		0.137	1.6	8.42	74	260	1.8	2	0.15	1.1	9	8	3610	3.51	2.97	0.56	191	135	0.13	8	800	64	2.66	11	7.7	0.1	46	10	158	160
JM RC-03-04	0	2	160982 EXT		0.175	0.7	4.4	16	650	0.5	2	0.08	0.7	1	3	230	1.62	2.68	0.14	39	134	0.33	9	580	31	0.34	5	2.9	0.08	9	10	18	10
JM RC-03-04	2	4	160983 EXT		0.302	1	6.65	9	720	0.6	2	0.05	0.6	1	2	190	1.46	2.63	0.15	25	85	0.26	10	640	28	0.26	10	2.7	0.05	10	10	5	10
JM RC-03-04	4	6	160984 EXT		0.239	0.7	6.62	10	880	0.5	2	0.11	0.9	1	2	64	1.42	3.18	0.15	36	232	0.23	4	640	52	0.27	11	2.8	0.12	7	10	3	10
JM RC-03-04	6	8	160985 EXT		0.153	0.8	6.59	5	800	0.5	2	0.11	0.6	1	3	34	1.14	3.16	0.13	73	134	0.25	4	910	64	0.53	5	2.6	0.09	7	10	3	10
JM RC-03-04	8	10	160986 EXT		0.236	0.5	6.69	17	730	0.5	2	0.09	0.7	1	4	68	1.64	3.36	0.14	33	388	0.23	7	660	35	0.52	6	3.6	0.13	8	10	2	10
JM RC-03-04	10	12	160987 EXT		0.205	0.8	6.84	15	880	0.5	2	0.11	0.7	1	7	136	2.46	2.84	0.13	49	60	0.23	7	980	31	0.29	7	3.8	0.17	8	10	3	10
JM RC-03-04	12	14	160988 EXT		0.276	0.7	6.72	24	670	0.6	2	0.09	0.7	1	7	149	2.73	2.82	0.14	39	30	0.24	8	880	32	0.34	6	3.6	0.17	8	10	2	10
JM RC-03-04	14	16	160989 EXT		0.2	1	6.27	16	750	0.7	2	0.11	0.8	1	5	91	1.79	2.82	0.12	30	39	0.34	7	970	60	0.78	11	4.6	0.13	8	10	2	10
JM RC-03-04	16	18	160997 EXT		0.089	0.5	10.65	12	760	0.7	2	0.07	0.9	1	6	271	2.67	2.2	0.94	24	34	0.36	20	640	20	0.43	6	2.5	0.13	8	10	2	10
JM RC-03-04	18	20	161008 EXT		0.111	0.5	9.79	22	730	0.7	2	0.08	0.9	1	7	348	3.58	2.84	0.3	34	34	0.31	14	780	26	0.45	6	3.3	0.13	8	10	2	10
JM RC-03-04	20	22	161008 EXT		0.121	0.7	9.99	17	710	0.6	2	0.08	0.9	1	5	297	2.43	2.91	0.16	17	108	0.33	11	980	19	0.25	10	3.8	0.14	8	10	3	10
JM RC-03-04	22	24	161010 EXT		0.121	0.7	8.9	22	730	0.7	2	0.07	0.9	1	4	298	2.09	2.91	0.15	17	76	0.36	7	970	31	0.54	9	4.5	0.12	8	10	4	10
JM RC-03-04	24	26	161011 EXT		0.207	1.2	10.15	13	1260	0.6	2	0.08	0.9	1	6	256	1.89	2.66	0.23	29	278	0.32	7	770	31	0.45	10	4.6	0.13	8	10	12	10
JM RC-03-04	26	28	161012 EXT		0.123	1	10.9	10	930	0.7	2	0.12	1.1	1	7	398	2.97	2.97	0.23	24	78	0.39	16	1140	24	0.58	9	4.9	0.13	8	10	12	10
JM RC-03-04	28	30	161013 EXT		0.139	0.9	9.93	12	1000	0.6	2	0.16	0.9	1	6	218	2.13	3.19	0.18	27	72	0.5	9	1480	28	0.44	9	4.6	0.12	8	10	9	10
JM RC-03-04	30	32	161014 EXT		0.163	0.7	10.65	13	760	0.7	2	0.04	0.8	2	9	382	3.3	3.57	0.34	35	77	0.31	11	980	16	0.4	9	4.6	0.14	9	10	20	10
JM RC-03-04	32	34	161015 EXT		0.237	1.1	9.23	14	600	0.5	2	0.07	0.8	8	9	742	2.9	2.92	0.28	25	117	0.5	16	760	16	1.83	6	3.72	0.16	11	10	9	10
JM RC-03-04	34	36	161016 EXT		0.224	0.6	8.77	16	150	0.5	2	0.09	0.9	15	9	2130	3.96	3.09	0.28	32	50	0.32	15	730	60	3.6	16	3.6	0.13	8	10	17	10
JM RC-03-04	36	38	161017 EXT		0.214	1.4	8.85	25	130	0.5	2	0.09	0.6	13	9	3160	3.69	2.97	0.41	29	134	0.39	12	660	41	4.14	9	3.6	0.16	8	10	20	10
JM RC-03-04	38	40	161018 EXT		0.321	4.9	8.65	32	130	0.6	2	0.1	0.6	15	7	1380	3.71	2.65	0.25	25	328	0.33	11	620	43	4.58	11	3.22	0.12	8	10	15	10
JM RC-03-04	40	42	161019 EXT		0.276	0.7	10.15	17	400	0.6	2	0.04	4	6	7	2940	2.27	2.63	0.12	79	165	0.22	18	280	17	1.8	16	3.1	0.17	8	10	5	10
JM RC-03-04	42	44	161020 EXT		0.144	0.7	8.58	11	360	0.7	2	0.05	1	10	8	1680	2.8	2.51	0.53	88	44	0.38	12	450	24	2.43	12	2.8	0.16	8	10	11	10
JM RC-03-04	44	46	161021 EXT		0.212	0.8	9.09	13	520	0.8	2	0.04	0.6	12	8	2020	2.67	2.49	0.8	46	44	0.33	11	330	21	2.65	10	3.68	0.15	8	10	13	10
JM RC-03-04	46	48	161022 EXT		0.173	0.8	9.52	13	360	0.9	2	0.05	1.4	9	10	2120	3.2	2.5	0.61	104	34	0.28	16	470	24	2.14	12	3.6	0.15	8	10	14	10
JM RC-03-04	48	50	161023 EXT		0.257	0.8	8.31	12	180	0.8	2	0.05	1	11	9	4740	3.82	2.91	0.44	184	27	0.25	16	920	24	3.48	9	3.4	0.11	7	10	4	110
JM RC-03-04	50	52	161024 EXT		0.416	1.4	8.62	13	170	0.8	2	0.09	1	13	9	4740	3.48	2.81	0.23	27	347	0.24	12	970	33	3.8	9	4.1	0.11	7	10	6	160
JM RC-03-04	52	54	161025 EXT		0.393	0.8	8.31	14	230	0.5	2	0.08	0.7	10	7	2560	3.05	2.57	0.44	35	87	0.17	13	650	38	2.32	13	3.2	0.14	8	10	8	10
JM RC-03-04	54	56	161026 ORG		0.246	0.5	9.17	11	160	0.6	2	0.1	0.8	12	7	2660	4.25	3.62	0.3	27	64	0.22	13	980	59	4.45	12	3.66	0.13	8	10	13	10
JM RC-03-04	56	58	161028 EXT		0.252	1	9.69	21	160	0.6	2	0.12	0.8	13	7	3250	4.6	3.27	0.17	22	178	0.17	10	1180	55	5.34	6	5.13	0.12	8	10	2	10
JM RC-03-04	58	60	161029 EXT		0.738	1.2	9.11	57	90	0.5	2	0.07	0.5	13	3	4760	4.6	1.61	0.66	31	218	0.06	6	780	165	5.81	6	3.58	0.04	3	10	2	10
JM RC-03-04	60	62	161030 EXT		0.151	0.6	5.29	72	90	0.5	2	0.04	0.6	13	5	3010	4.15	1.64	0.05	31	60	0.09	16	530	53	4.97	9	1.56	0.04	2	10	2	10
JM RC-03-04	62	64	161031 EXT		0.264	1.1	4.73	75	60	0.5	2	0.04	0.6	13	2	3660	3.85	1.57	0.04	36	341	0.07	12	550	35	4.73	9	1.57	0.05	2	10	2	10
JM RC-03-04	64	66	161032 EXT		0.31	1.1	4.77	116	100	0.5	2	0.04	0.5	13	3	5840	4.23	1.75	0.06	34	132	0.07	7	980	42	5.08	6	2.03	0.04	3	10	2	10
JM RC-03-04	66	68	161033 EXT		0.364	2	5.1	48	130	0.5	2	0.04	0.6	14	3	5820	4.54	2.01	0.08	38	65	0.07	8	960	32	4.1	5	1.68	0.05	3	10	2	10
JM RC-03-04	68	70	161034 EXT		0.462	1.1	7.13	80	140	0.5	2	0.05	0.6	8	4	6660	3.58	2.64	0.16	25	65	0.08	8	440	23	3.66	6	1.76	0.08	3	10	2	10
JM RC-03-04	70	72	161035 EXT		0.481	0.8	8.35	130	110	0.5	2	0.03	0.6	10	2	4630	3.88	2.39	0.15	23	42	0.07	7	380	20	3.85	5	1.68	0.08	3	10	2	10
JM RC-03-04	72	74	161036 EXT		0.466	1.1	6.36	18	130	0.5	2	0.05	0.5	11	3	4060	3.34	2.53	0.26	34	353	0.09	7	410	24	3.53	5	1.68	0.08	3	10	2	10
JM RC-03-04	74	76	161037 EXT		0.415	0.8	8.6	20	680	0.5	2	0.12	0.6	15	10	3130	4.12	2.97	0.54	30	36	0.11	20	1670	27	3.26	9	2.99	0.24	8	10	2	10
JM RC-03-04	76	78	161038 EXT		0.38	0.7	10.35	13	100	0.5	2	0.14	1	16	22	3570	4.66	3.66	0.55	24	89	0.16	29	1470	28	6.45	13	4.55	0.22	136	10	15	10
JM RC-03-04	78	80	161039 EXT		0.326	0.5	9.82	14	160	0.8	2	0.12	1	15	20	2760	3.96	3.51	0.58	30	68	0.18	24	1040	31	3.35	5	3.56	0.28	84	10	15	10
JM RC-03-04	80	82	161040 EXT		0.221	0.8	7.85	6	160	0.8	2	0.05	0.7	12	3	2810	3.71	3.22	0.27	24	114	0.12	11	480	30	3.89	8	2.78	0.08	38	10	17	10
JM RC-03-04	82	84	161041 EXT		0.215	0.7	6.64	9	150	0.5	2	0.05	0.7	13	4	2650	4.01	2.77	0.19	28	65	0.1	10	480	21	5.08	6	2.2	0.08	34	10	4	110
JM RC-03-04	84	86	161042 EXT		0.266	0.8	6.93	12	170	0.7	2	0.04	0.6	12	4	3600

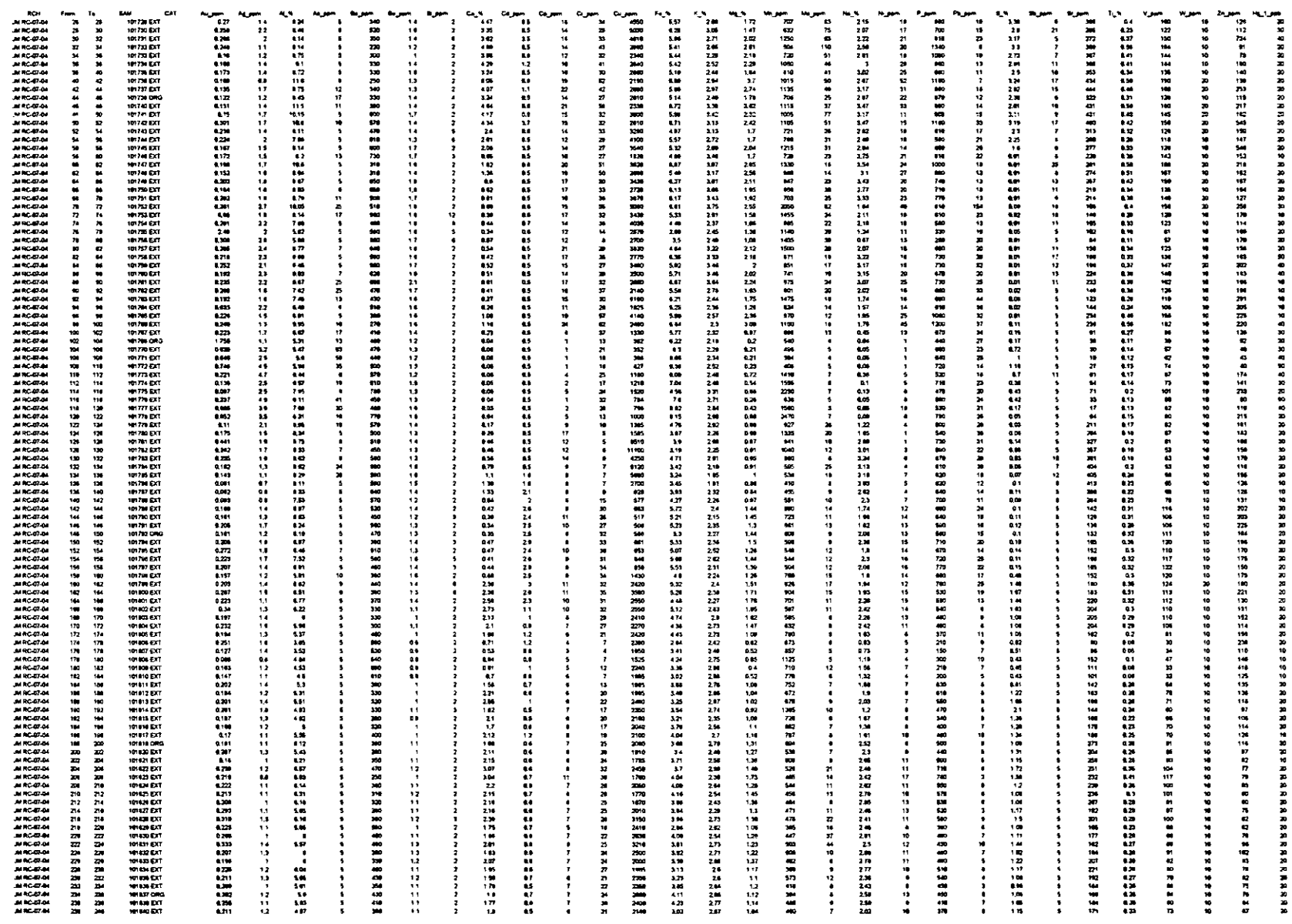


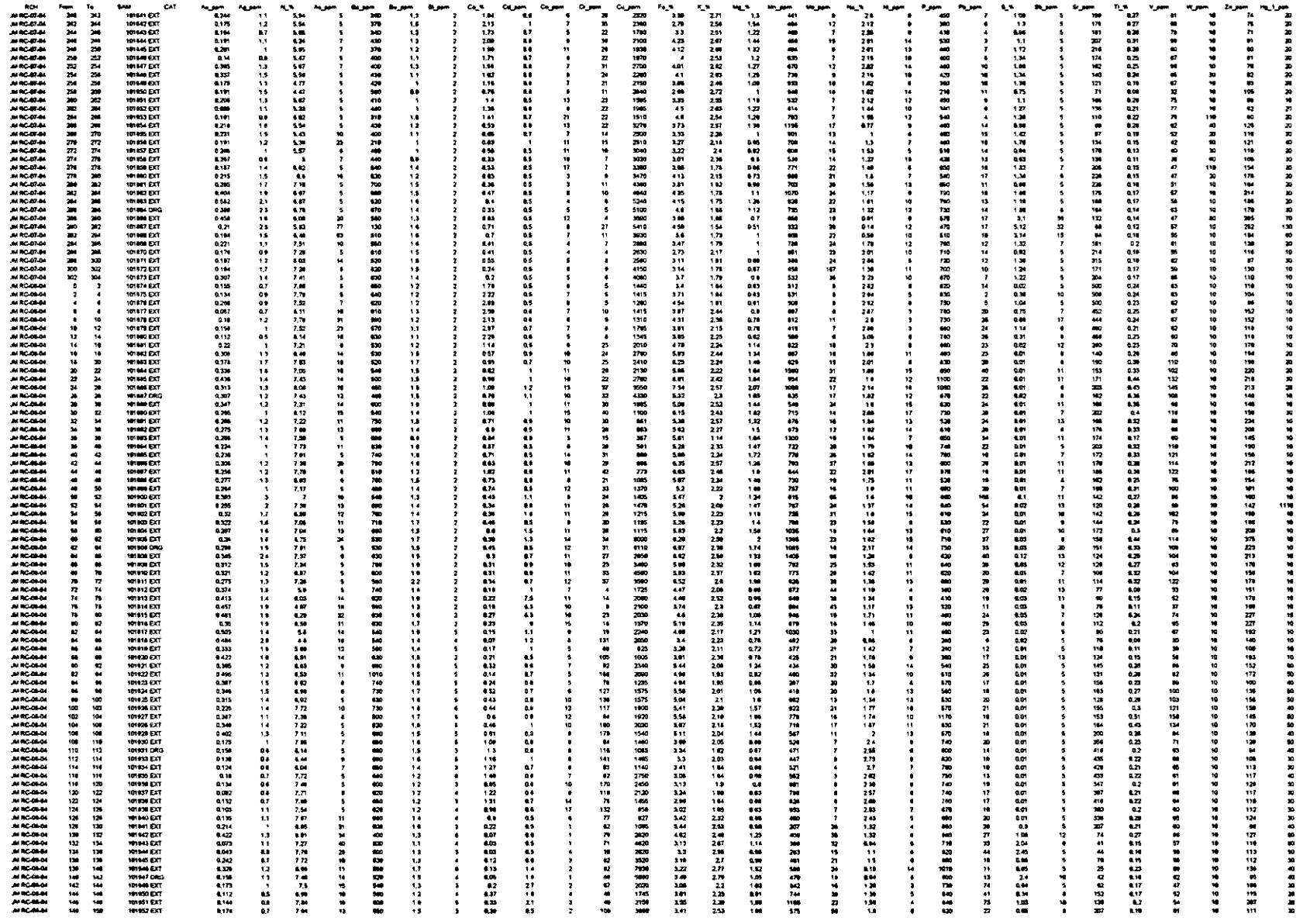
ROI	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-05-04	330	333	161170 EXT		0.268	1	7.99	30	60	1.2	2	0.1	0.5	21	11	2500	4.79	2.52	0.39	30	118	0.41	8	510	9	4.89	5	41	0.14	88	10	80	40
JM RC-05-04	333	334	161171 EXT		0.126	0.5	6.18	5	100	1.4	2	0.05	0.5	14	7	1975	3.59	2.21	0.2	77	54	0.34	5	740	13	3.16	5	36	0.13	64	10	60	40
JM RC-05-04	334	336	161172 EXT		0.291	0.5	7.21	25	70	1.2	2	0.07	2.4	20	9	3130	4.37	2.71	0.24	29	190	0.34	5	620	10	4.16	5	26	0.12	84	10	91	40
JM RC-05-04	336	338	161173 EXT		0.218	1	7.01	15	60	1.3	2	0.08	0.5	16	14	3450	3.63	2.19	0.28	43	77	0.25	5	640	15	3.25	5	36	0.13	96	10	117	30
JM RC-05-04	338	340	161174 EXT		0.225	0.5	7.74	10	130	1.5	2	0.07	0.5	14	11	3380	2.96	2.53	0.32	84	56	0.23	11	980	9	2.17	5	33	0.15	88	10	74	30
JM RC-05-04	340	342	161175 EXT		0.218	1	6.85	5	110	0.7	2	0.04	0.5	11	5	3160	3.42	2.95	0.16	25	53	0.21	2	350	9	3.31	5	33	0.07	29	10	25	30
JM RC-05-04	342	344	161176 ORG		0.158	0.7	6.52	10	330	0.9	2	0.05	0.5	15	7	2560	3.64	2.62	0.21	31	66	0.23	3	610	9	2.38	5	42	0.12	91	10	34	30
JM RC-05-04	344	346	161178 EXT		0.238	0.5	6.58	5	320	1.3	2	0.06	0.5	15	6	2290	2.57	1.98	0.25	37	50	0.1	5	720	6	1.87	5	46	0.12	91	10	29	30
JM RC-05-04	346	348	161179 EXT		0.198	0.5	7.46	6	620	1.6	2	0.08	0.5	17	10	1735	3.62	1.79	0.67	136	52	0.56	6	830	6	1.72	5	32	0.13	91	10	164	30
JM RC-05-04	348	350	161180 EXT		0.182	0.5	7.83	9	340	1.8	2	0.1	0.5	20	15	2630	3.12	2.24	0.48	114	78	0.78	10	880	6	1.98	5	34	0.15	88	10	132	30
JM RC-05-04	0	2	161181 EXT		0.274	0.5	7.98	8	330	1.5	2	0.5	0.5	18	17	988	4.97	2.39	1.78	565	30	1.39	10	1500	13	0.68	5	112	0.44	168	10	161	170
JM RC-05-04	2	4	161182 EXT		0.195	1.3	7.45	7	330	1.4	2	0.39	0.5	22	17	426	4.9	2.2	1.9	704	19	1.72	12	1670	10	0.92	5	126	0.44	168	10	196	160
JM RC-05-04	4	6	161183 EXT		0.202	1.3	7.38	5	360	1.3	2	0.88	0.5	18	16	626	5.36	1.98	1.74	644	36	1.62	12	1580	6	0.91	5	156	0.43	162	10	129	140
JM RC-05-04	6	8	161184 EXT		0.173	0.7	7.36	9	230	1.4	2	0.78	0.5	22	22	880	5.37	1.76	1.91	837	21	1.49	13	1980	11	0.91	5	134	0.53	172	10	146	160
JM RC-05-04	8	10	161185 EXT		0.148	1.7	8.3	9	230	1.4	2	0.91	0.5	25	31	1315	5.79	2.17	2.65	996	28	1.3	28	1970	6	0.91	5	124	0.58	188	10	148	150
JM RC-05-04	10	12	161186 EXT		0.2	1.2	7.91	5	260	1.4	2	0.74	0.5	25	24	879	5.04	1.81	1.86	879	12	1.62	13	1560	9	0.91	5	148	0.48	168	10	126	150
JM RC-05-04	12	14	161187 EXT		0.167	1.4	7.48	5	240	1.3	2	0.84	0.5	23	24	916	5.34	1.87	1.78	717	4	1.84	15	1530	12	0.91	5	163	0.5	173	10	145	140
JM RC-05-04	14	16	161188 EXT		0.17	1.3	7.37	5	300	1.4	2	0.74	0.5	27	17	885	5.13	1.93	1.67	1080	7	1.62	16	1320	24	0.91	5	136	0.56	168	10	167	230
JM RC-05-04	16	18	161189 EXT		0.228	1.5	6.33	9	310	1.6	2	0.61	0.5	32	32	1410	5.15	2.2	1.84	988	12	1.63	14	1140	23	0.91	5	134	0.54	156	10	177	190
JM RC-05-04	18	20	161190 EXT		0.175	1.1	7.94	5	330	1.3	2	0.64	0.5	25	20	1170	5.08	2.28	2.12	1150	5	1.54	13	1060	22	0.91	5	121	0.57	160	10	164	120
JM RC-05-04	20	22	161191 ORG		0.162	1.5	5.91	42	460	2	2	0.63	0.5	24	16	4060	5.05	2.66	1.61	1290	84	0.36	4	1280	49	0.69	17	153	0.44	148	10	238	270
JM RC-05-04	22	24	161193 EXT		0.23	2.1	4.89	56	360	3	2	0.67	0.5	14	15	5010	4.87	1.62	0.65	1116	134	0.24	6	1109	83	0.11	17	173	0.36	127	10	145	230
JM RC-05-04	24	26	161194 EXT		0.056	1.1	4.77	5	330	0.9	2	0.74	0.5	14	9	1455	3.97	0.94	0.64	888	12	1.34	4	448	12	0.61	7	166	0.15	66	10	121	120
JM RC-05-04	26	28	161195 EXT		0.194	1.6	6.1	9	540	1.4	2	0.53	0.5	15	15	9528	4.92	1.94	1.13	1086	26	1.34	8	988	20	0.91	5	121	0.23	98	10	180	140
JM RC-05-04	28	30	161196 EXT		0.04	0.5	2.36	5	560	1.3	2	1.7	0.5	19	9	4360	3.95	1.74	8.99	950	4	3.24	14	641	12	0.91	5	304	0.14	58	10	146	140
JM RC-05-04	30	32	161197 EXT		0.043	1.2	6.21	8	660	1.3	2	1.1	0.5	12	8	3810	2.75	1.62	0.83	787	20	1.7	4	880	12	0.91	5	267	0.14	84	10	113	140
JM RC-05-04	32	34	161198 EXT		0.17	1.2	6.78	8	660	1.7	2	0.43	0.5	11	16	1475	3.4	2.1	0.84	622	34	1.08	6	880	12	0.91	5	168	0.16	124	10	124	160
JM RC-05-04	34	36	161199 EXT		0.209	1.2	7.15	11	660	1.7	2	0.65	0.5	16	13	2160	4.91	1.93	1.4	788	21	1.62	9	880	20	0.63	5	153	0.25	116	10	156	140
JM RC-05-04	36	38	161200 EXT		0.138	1.5	6.97	5	660	1.6	2	0.69	0.5	16	15	1365	4.78	2.19	1.32	537	16	1.78	10	880	17	0.89	5	139	0.25	106	10	130	130
JM RC-05-04	38	40	161201 EXT		0.173	1.6	7.63	5	660	1.7	2	0.52	0.5	14	15	1660	4.76	2.48	1.48	564	14	1.68	12	1020	22	0.82	5	148	0.36	113	10	136	170
JM RC-05-04	40	42	161202 EXT		0.16	1.2	7.99	10	620	1.5	2	0.68	0.5	16	17	1375	4.87	2.44	1.54	717	13	2	13	916	21	0.91	5	143	0.31	122	10	167	160
JM RC-05-04	42	44	161203 EXT		0.208	1.9	7.74	5	620	1.4	2	0.67	0.5	16	16	1178	4.6	2.36	1.56	625	12	1.72	9	880	19	0.91	7	126	0.27	108	10	174	160
JM RC-05-04	44	46	161204 EXT		0.153	1.5	4.36	15	400	1.3	2	0.38	0.5	11	12	1355	3.56	1.79	0.57	1106	46	0.57	6	920	12	0.62	9	90	0.19	73	10	111	150
JM RC-05-04	46	48	161205 EXT		0.157	1.2	5.99	7	540	1.4	2	0.48	0.5	11	49	1625	5.26	2	1.24	1095	29	1.29	25	980	17	0.77	5	77	0.18	62	10	152	30
JM RC-05-04	48	50	161206 EXT		0.309	0.8	7.74	5	310	1.6	4	0.74	0.5	20	270	3660	6.19	2.42	3.75	881	18	1.58	101	1660	6	0.91	5	74	0.36	184	10	209	30
JM RC-05-04	50	52	161207 EXT		0.178	1.4	6.68	6	660	1.7	5	0.98	1.1	15	25	1280	4.42	2.66	1.62	888	22	2.45	25	880	23	0.91	5	173	0.36	134	10	172	30
JM RC-05-04	52	54	161208 EXT		0.198	1.4	6.86	6	660	1.7	2	0.98	0.9	14	23	1205	4.57	2.75	1.52	938	32	2.35	18	880	43	0.95	5	176	0.36	127	10	186	30
JM RC-05-04	54	56	161209 EXT		0.177	1.3	7.47	10	670	1.6	4	0.91	1	12	19	1045	3.84	1.8	1.32	781	21	1.9	14	720	18	0.91	5	141	0.32	102	10	152	30
JM RC-05-04	56	58	161210 EXT		0.144	1.1	7.68	12	670	1.6	4	0.76	0.6	16	25	1630	3.72	1.56	1.36	788	13	2.02	29	660	21	0.91	5	154	0.27	92	10	154	30
JM RC-05-04	58	60	161211 EXT		0.201	1	8.79	7	540	1.7	4	0.98	0.6	9	39	1630	4.29	2.56	1.64	885	9	2.61	39	630	32	0.95	5	198	0.36	114	10	168	40
JM RC-05-04	60	62	161212 EXT		0.183	1.2	8	11	660	1.6	5	0.95	0.6	9	21	901	3.93	2.07	1.26	644	12	1.98	15	710	24	0.91	6	162	0.33	116	10	146	30
JM RC-05-04	62	64	161213 EXT		0.177	0.7	6.91	9	630	1.5	10	0.86	0.6	10	46	1260	4.74	2.68	1.84	639	14	1.48	23	1050	17	0.91	5	145	0.43	134	10	160	60
JM RC-05-04	64	66	161214 EXT		0.168	1.3	8.12	9	660	1.8	6	0.84	0.7	18	28	1770	4.55	2.51	1.48	835	16	2.26	21	830	27	0.91	6	176	0.36	126	10	182	60
JM RC-05-04	66	68	161215 EXT		0.176	1.2	8.2	12	340	1.5	2	1.5	1	13	53	1985	5.57	2.83	2.24	1125	35	0.97	23	1130	15	0.91	6	127	0.58	191	10	198	60
JM RC-05-04	68	70	161216 EXT		0.146	0.5	6.03	10	300	1.5	4	0.82	1	14	67	1970	4.98	3.01	2.22	995	14	1.38	33	1100	12	0.91	5	112	0.54	165	10	173	60
JM RC-05-04	70	72	161217 EXT		0.162	1.3	7.83	10	440	1.7	4	1.64	1	12	27	1570	4.65	2.56	1.4	985	30	1.62	33	740	30	0.91	10	154	0.37	124	10	164	150
JM RC-05-04	72	74	161218 EXT		0.262	1.3	7.97	28	600	2.1	6	1.08	0.9	13	32	2140	4.91	2.75	1.82	1270	60	1.12	28	720	20	0.81	15	151	0.4	120	10	184	270
JM RC-05-04	74	76	161219 EXT		0.166	1	7.87	15	660	1.6	7	0.83	0.6	10	25	1540	4.09	1.85	1.58	1040	31	1.47	16	720	54	0.91	13	168	0.45	113	10	175	100
JM RC-05-04	76	78	161220 EXT		0.145	1.4	8.36	20	660	1.9	3	0.9	1	16	24	2100	4.6	3.18	1.82	1375	36	1.56	18	780	48	0.91	17	212	0.57	138	10	244	70
JM RC-05-04	78	80	161221 EXT		0.183	2	8.76	54	760	2.7	6	0.42	0.6	5	30	2090	5.01	4.47	1.07	882	127	0.34	55	1280	112	0.32	80	283	0.5	138	20	186	110
JM RC-05-04	80	82	161222 EXT		0.314	3	8.14	86	860	3.3	6	0.41	1.3	7	34	2110	6.07	3.63	0.75	782	391	0.16	13	1660	315	0.1	64	406	0.61	134	20	182	210
JM RC-05-04	82	84	161223 EXT		0.126	1.8	8.8	23	780	2.7	7	0.66	0.9	7	36	2090	5.11	3.27	1.48	1060	77	1.11	21	1060	43	0.67	34	264	0.4	134	10	183	110
JM RC-05-04	84	86	161224 EXT		0.142	1.7	7.7	17	660	1.9	7	0.82	0.9	7	39	1655	4.54	2.35	1.29	956	36	2.35	31	810	32	0.84	21	207	0.52	126	10	158	80
JM RC-05-04	86	88	161225 ORG		0.105	1.6	8.86	16	530	1.7	9	1.4	1	11	46	671	4.63	2.3	1.84	735	6	2.67	37	820	38	0.91	15	182	0.56	129	10	172	80
JM RC-05-04	88	90	161227 EXT		0.14	1.1	7.48	13	660	1.9	8	1.22	0.6	10	27	638	4.51	2.34	1.58	908	6	2.53	23	760	31	0.91	9	188	0.33	118	10	163	80
JM RC-05-04	90	92	161228 EXT		0.139	0.7	7.23	9	660	1.8	8	1	1	9	28	1460	4.08	2.47	1.34	909	7	2.29	25	840	22	0.91	5	164	0.32	112	10	158	80
JM RC-05-04	92	94	161229 EXT		0.124	0.7	8.04	16	620	1.9	7	1.34	0.8	10	22	687	4.54	1.75	1.46	617	4	2.22	18	780	16	0.91	5	166	0.34	123	10	158	80
JM RC-05-04	94	96	161230 EXT		0.087	0.9	7.64	13	570	1.4	8	1.42	0.6	8	18	1605	4.89	2.21	1.45	889	5	2.71	15	730	22	0.91	5	182	0.34	124	10	157	40
JM RC-05-04	96	98	161231 EXT		0.088	0.9	7.91	15	660	1.9	8	1.16	1	10	17	975	5.09	2.12	1.5	541	9	2.82	16	820	20	0.91	5	202	0.36	126	10	153	40
JM RC-05-04	98	100	161232 EXT		0.143	1.3	7.77	11	630	1.9	6	1.14	0.8	10	16	711	4.5	1.86	1.52	535	7	2.66	17	740	17	0.91	5	214	0.33	112	10	156	80
JM RC-05-04	100	102	161233 EXT		0.326	1.4	7.83	11	610	1.8	4	1.69	0.8	12	20	746	4.97	2.67	1.48	607	15	2.14	18	670	31	0.91	6	166	0.31	119	10	160	80
JM RC-05-04	102	104	161234 EXT		0.283	2.1	6.87	38	600	2.1	13	0.88	1	9	30	1665	6.33	2.15	1	410	254	1.46	16	1600	115	0.33	18	367	0.27	120	10	134	70
JM RC-05-04	104	106	161235 EXT		0.162	1.3	6.62	58	640	2.1	6	0.91	0.6	9	31	1405	6.62	2.76	1.3	835	72	1.57	22	1240	46	0.19	24	268	0.34	146	10	152	80
JM RC-05-04	106	108	161236 EXT		0.148	0.9	6.84	62	810	1.8	6	1.62	1	10	42	1430	5.23	2.76	2.38	1050	31	1.5	34	1120	37	0.04	33	229	0.48	165	10	168	80
JM RC-05-04	108	110	161237 EXT		0.154	0.6	7.54	13	1	1.9	6	1.58	0.9	20	41	1450	4.96	2.68	2.08	818	12	1.74	10	810	14	0.04	23	252	0.48	166	10	169	80
JM RC-05-04	110	112	161238 EXT		0.168	0.7	8.37	17	860	1.9	3	1.4	0.5	20	34	1450	5.39	2.1	2.13	1585	19	2.12	24	720	12	0.07	13	301	0.49	167	10	130	30
JM RC-05-04	112	114	161239 EXT		0.109	0.7	7.67	16	480	1.2	2	1.05	0.5	14	19	883	4.73	1.96	1.4	644	14	2.42	13	870	10	0.04	16	229	0.53	121	10	104	30
JM RC-05-04	114	116	161240 EXT		0.108	0.8	9.61	8	210	1	2	1.1	0.5	23	42	1790	5.2	2.25	2.8	728	7	1.18	60	980	2	0.02	8	264	0.89	178	10	134	40
JM RC-05-04	116	118	161241 EXT		0.146	1	9.54	8	210	0.8	2	2.15	0.5	26	41	1570	5.32	2.09	2.95	945	13	1.34	60	780	12	0.02	8	261	0.93	168	10	122	40
JM RC-05-04	118	120	161242 EXT		0.162	1.1	9.99	12	200	1.1	2	1.7	0.9	29	48	1310	5.52	2.22	2.89	820	60	1.32	35	660	2	0.03	8	271	0.39	150	10	116	40
JM RC-05-04	120	122	161243 EXT		0.139	0.7	10.7	14	240	1.4	2	2.44	0.6	36	61	1805	6.58	1.02	4.79	1380	26	2.23	58	1480	5	0.03	8	374	0.99	214	10	207	80
JM RC-05-04	122	124	161244 EXT		0.131	0.6	9.07	10	210	1.1	2	2.09	0.5	24	45	1090	6.16	1.88	3.91	1015	36	1.56	41	1100	7	0.02	5	245	0.48	165	10	174	130
JM RC-05-04	124	126	161245 EXT		0.119	0.5	7.87	7	220	0.8	2	1.78	0.5	17	39	744	5.49	1.82	2.28	672	32	1.48	28	670	7	0.02	7	217	0.43	144	10	98	120
JM RC-05-04	126	128	161246 EXT		0.126	0.6	6.93	6	260	0.8	2	1.61	0.5	13	34	1111	5.2	1.14	2.34	803	24	1.62	27	820	9	0.02	6	222	0.39	144	10	95	140
JM RC-05-04	128	130	161247 EXT		0.088	0.6	6.78	17	300	0.8	2	1.32	0.5	15	28	714	5.75	1.71	1.58	833	17	1.68	17	850	9	0.11	5	162	0.31	124	10	106	130
JM RC-05-04	130	132	161248 EXT		0.061	0.5	6.17	10	310	0.9	2	2.58	0.5	11	21	1685	5.16	1.84	1.44	875	7	2.05	14	580	6	1.16	5	238	0.29	122	10	88	130
JM RC-05-04	132	134	161249 ORG		0.112	0.5	11	14	360	1.3	2	3.34	0.5	18	28	1858	6.09	1.31	2.12	603	11	2.43	24	710	10	1.48	8	282	0.37	137	10	134	160
JM RC-05-04	134	136	161251 EXT		0.183	0.5	8.7	11	290	1.2	2	2.07	0.5	21	34	1115	5.83	2.25	2.28	778	18	2.53	24	680	7	0.08	5	274	0.48	166	10	97	130
JM RC-05-04	136	138	161252 EXT		0.116	0.5	9.31	6	250	1	2	2.46	0.5	24	41	518	5.43	2.17	2.95	718	16	2.16	34	1020	6	0.36	5	268	0.51	160	10	88	140
JM RC-05-04	138	140	161253 EXT		0.166	1	7.44	13	310	1.3	2	4.4	0.5	19	36	2560	5.07	2.42	2.16	751	36	1.77	26	640	6	2.51	5	350	0.43	156	10	87	160
JM RC-05-04	140	142	161254 EXT		0.141	0.5	7.97	5	350	1.2	2	4.71	0.5	20	36	2020	5.57	2.19	1.95	745	36	1.82	27	600	13	2.72	5	336	0.42	147	10	87	170
JM RC-05-04	142	144	161256 EXT		0.106	0.5	6.9	7	360	1.1	2	3.9	0.5	16	24	1655	5.16	1.82	1.8	615	10	1.96	23	780	18	2.47	5	342	0.34	126	10	86	150
JM RC-05-04	144	146	161257 EXT		0.101	0.5	6.18	6	250	1	2	3.73	0.5	15	36	1670	4.8	1.79	1.41	707	11	1.84	18	680	12	2.36	5	268	0.33	116	10	76	140
JM RC-05-04	146	148	161258 EXT		0.166	0.8	8.98	7	370	1	2	4.1	0.5	24	44	2130	5.65	1.9	2.75	908	29	2.19	33	900	11	2.21	5	353	0.46	156	10	116	130
JM RC-05-04	148	150	161259 EXT		0.111	0.5	7.13	7	330	0.9	2	3.07	0.5	12	22	1795	4.61	1.7	1.26	630	17	1.91	15	940	10	1.79	5	237	0.36	106	10	71	80
JM RC-05-04	150	152	161260 EXT		0.167	0.9	8.83	8	360	1.2	2	4.16	0.5	19	36	2080	5.58	1.84	1.82	801	26	1.67	26	780	6	3.01	6	315	0.36	139	10	78	150
JM RC-05-04	152	154	161261 EXT		0.111	0.8	6.83	10	210	1.2	2	3.89	0.5	31	104	2370	7.06	1.84	3.67	1060	31	1.62	78	820	6	3	5	256	0.99	171	10	130	140
JM RC-05-04	154	156	161262 EXT		0.087	0.8	8.34	17	360	1.2	2	2.63	0.5	19	46	1305	4.44	1.98	2.09	924	13	1.94	33	720	19	1.87	5	224	0.41	128	10	120	150
JM RC-05-04	156	158	161263 EXT		0.143	0.8	8.6	10	240	1.3	2	2.7	0.5	16	39	2290	4.8	2.04	1.78	976	22	1.52	18	730	21	2.47	7	237	0.36	106	10	106	140
JM RC-05-04	158	160	161264 EXT		0.075	0.8	8.51	14	270	1.2	2	2.57	0.5	12	16	1520	4.19	1.56	1.39	910	7	1.84	13	570	21	2.8	6	207	0.34	88	10	100	230
JM RC-05-04	160	162	161266 EXT		0.049	1.3	4.91	67	120	0.9	2	2.67	0.5	7	11	1670	3.29	1.5	0.72	421	10	0.75	6	360	20	4.16	57	241	0.12	56	10	84	210
JM RC-05-04	162	164	161265 EXT		0.077	1.2	6.93	12	260	1.3	2	2.54	0.5	11	17	1915	4.26	1.8	1.06	707	6	1.66	14	780	12	2.69	15	182	0.34	90	10	79	190
JM RC-05-04	164	166	161266 EXT		0.096	0.6	7.41	22	340	1.5	2	3.26	0.5	16	29	1520	5.18	1.86

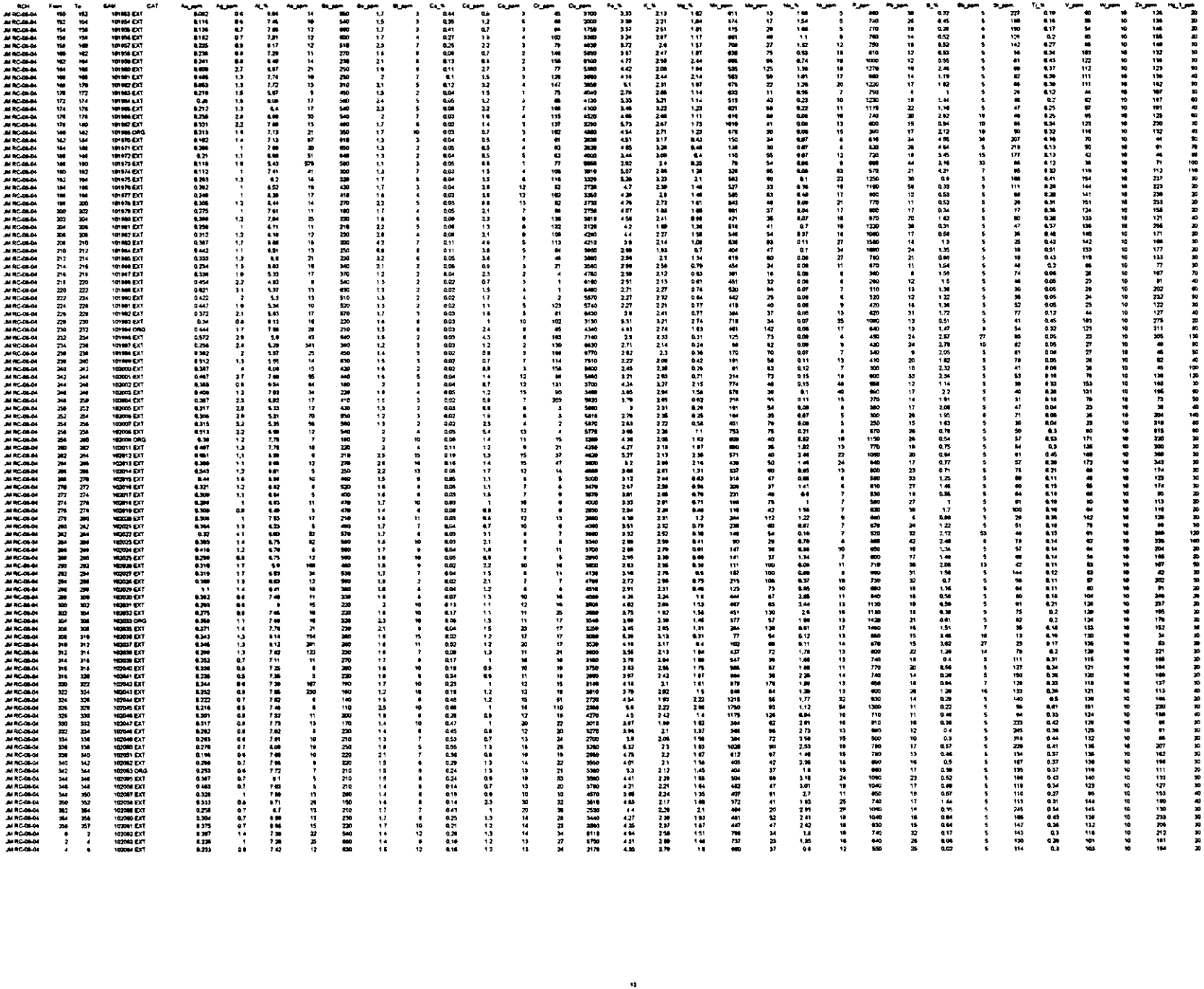
BCH	From	To	SAM	CAT	Ag_ppm	Al_ppm	As_%	Au_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-06-04	164	166	1012282 EXT		0.131	0.5	6.84	46	200	1.2	2	2.16	0.5	15	34	2600	5.14	1.9	1.34	1495	7	1.3	16	745	36	2.35	12	245	0.3	111	10	126	278
JM RC-06-04	166	168	1012283 EXT		0.111	1.6	6.65	31	190	1.2	2	3.53	0.5	14	34	2110	3.96	1.64	1.5	1020	10	1.99	20	720	26	2.65	43	348	0.32	108	10	169	2000
JM RC-06-04	168	320	1012284 EXT		0.0679	0.7	5.15	13	210	0.5	2	2.98	0.5	16	34	1530	3.36	1.49	1.04	658	10	1.26	24	600	30	1.54	42	198	0.31	100	10	114	2000
JM RC-06-04	320	322	1012285 EXT		0.109	0.8	7.13	16	370	1.1	2	3.48	0.5	15	25	1545	4.37	2.15	1.58	704	14	2.22	19	778	17	1.82	21	278	0.34	124	10	75	2000
JM RC-06-04	322	324	1012286 EXT		0.147	0.8	7.51	12	430	1.4	3	3.12	0.5	14	23	2340	5.06	1.8	1.6	837	13	2.69	16	828	12	2.01	7	277	0.32	122	10	91	2000
JM RC-06-04	324	326	1012287 EXT		0.13	0.7	7.63	12	380	1.3	2	3.19	0.5	14	24	1775	5.03	2.29	1.6	886	16	2.59	18	780	12	1.73	12	282	0.35	139	10	79	2000
JM RC-06-04	326	328	1012288 EXT		0.137	0.5	7.52	15	370	1.2	2	3.6	0.5	15	23	2250	4.41	2.47	1.96	998	17	2.56	14	760	12	2.08	13	317	0.38	122	10	67	2000
JM RC-06-04	328	218	1012289 EXT		0.126	0.5	7.1	13	460	1.1	2	3.28	0.5	15	22	1730	5.05	2.09	1.44	900	11	2.27	19	790	13	1.6	16	264	0.34	124	10	68	2000
JM RC-06-04	218	212	1012290 EXT		0.094	0.6	6.66	9	460	1.2	2	3.29	0.5	16	20	1680	4.96	2.26	1.36	882	9	2.26	16	740	16	1.66	20	264	0.33	116	10	72	2000
JM RC-06-04	212	214	1012291 EXT		0.191	1.1	7.65	8	370	1.2	2	3.54	0.5	17	26	2210	4.76	2.02	1.6	836	17	1.94	21	780	20	2.05	18	273	0.35	127	10	162	2000
JM RC-06-04	214	216	1012292 EXT		0.128	0.6	7.84	5	370	0.8	2	4.5	0.5	20	44	1858	4.93	1.96	2.44	978	47	1.81	34	880	14	2.04	5	350	0.47	148	10	187	2000
JM RC-06-04	216	218	1012293 EXT		0.138	0.7	7.63	11	370	0.8	2	4.35	0.5	21	42	1545	5.79	1.9	2.24	744	16	2.04	29	1080	5	2.09	6	422	0.48	182	10	81	2000
JM RC-06-04	218	220	1012294 ORG		0.151	0.7	8.49	14	340	0.9	2	4.45	0.5	24	44	1545	5.11	2.36	2.66	803	32	2.35	36	1030	6	2.62	6	360	0.5	198	10	104	2000
JM RC-06-04	220	222	1012295 EXT		0.182	1.2	8.47	14	360	1.3	2	4.22	0.5	22	42	3440	5.52	2.41	2.31	838	67	2.1	28	940	6	2.08	4	312	0.47	154	10	46	2000
JM RC-06-04	222	224	1012297 EXT		0.097	0.7	7.58	13	480	1.2	2	3.5	0.5	20	31	2080	5.53	2.22	1.91	772	14	2.23	18	778	12	1.7	11	288	0.39	130	10	71	2000
JM RC-06-04	224	226	1012298 EXT		0.098	0.7	7.22	13	430	1.1	2	3.45	0.5	16	30	1895	5.23	2.11	1.5	717	14	2.27	17	770	10	1.85	29	288	0.34	128	10	29	2000
JM RC-06-04	226	228	1012299 EXT		0.178	1.3	8.84	12	410	1.1	2	3.35	0.5	16	24	2320	4.62	1.84	1.48	752	12	2.16	16	790	9	1.84	17	257	0.33	114	10	65	2000
JM RC-06-04	228	230	1012300 EXT		0.175	1.2	8.57	9	340	1.2	2	3.63	0.5	14	23	2160	4.6	1.84	1.42	735	11	1.76	15	636	11	2.22	12	334	0.31	111	10	78	2000
JM RC-06-04	230	232	1012301 EXT		0.164	1.4	8.36	7	440	1.1	2	3.73	0.5	15	27	2780	4.55	1.9	1.36	666	13	1.77	14	650	12	1.59	7	213	0.28	107	10	75	2000
JM RC-06-04	232	234	1012302 EXT		0.165	1.1	8.45	10	500	1	2	3.61	0.5	14	24	2380	4.36	1.91	1.38	660	15	2.01	18	650	10	1.84	6	271	0.31	108	10	63	2000
JM RC-06-04	234	236	1012303 EXT		0.351	1.2	8.4	12	150	1	2	3.95	0.5	14	22	2100	4.1	1.96	1.38	660	14	1.98	17	640	36	2.6	12	283	0.3	100	10	139	2000
JM RC-06-04	236	238	1012304 EXT		1.335	1.3	9.14	7	120	1.1	2	4.85	0.7	12	31	1855	3.4	1.52	0.97	467	15	1.34	20	530	52	4.45	49	384	0.22	90	10	136	2000
JM RC-06-04	238	240	1012305 EXT		0.148	1.1	8.45	16	240	1.1	2	5.14	0.5	13	30	1975	3.84	1.88	1.11	764	11	1.98	13	545	11	3.57	7	418	0.29	87	10	108	2000
JM RC-06-04	240	242	1012306 EXT		0.165	0.9	8.25	5	330	0.5	2	3.15	0.5	7	7	630	4.38	0.5	1.32	775	18	1.82	2	600	22	2.32	15	344	0.07	27	10	2	52
JM RC-06-04	242	244	1012307 EXT		0.199	1.6	8.31	53	440	1	2	2.84	0.5	16	29	2700	4.31	2.34	1.26	723	18	2.04	19	540	22	1.93	19	215	0.33	106	10	63	2000
JM RC-06-04	244	246	1012308 EXT		0.178	0.6	8.78	11	600	1.1	2	2.97	0.5	14	32	2650	4.9	1.88	1.35	780	16	2.32	18	780	13	1.66	9	230	0.3	113	10	91	2000
JM RC-06-04	246	248	1012309 EXT		0.196	1.6	8.46	13	360	1	2	3.52	0.5	15	21	3140	5.01	2.39	1.3	848	20	1.94	14	640	15	2.32	5	304	0.29	114	10	113	2000
JM RC-06-04	248	250	1012310 EXT		0.183	1.6	8.82	15	320	1	2	4.14	0.5	15	32	2840	5.04	1.98	1.52	919	25	2.1	18	780	35	2.6	30	243	0.37	124	10	102	2000
JM RC-06-04	250	252	1012311 EXT		0.174	1.6	7.49	8	260	1.2	2	3.76	0.5	17	22	3610	5.01	2.65	1.66	918	12	2.12	15	800	10	2.57	16	254	0.35	128	10	134	2000
JM RC-06-04	252	254	1012312 EXT		0.248	1.9	8.56	13	270	1.6	2	3.54	0.5	16	32	2790	3.84	2.51	1.65	862	18	2.76	22	930	17	2.1	13	358	0.41	141	10	136	2000
JM RC-06-04	254	256	1012313 EXT		0.301	1	7.16	17	250	1.1	2	3.78	0.5	15	20	2570	4.82	2.42	1.45	886	12	2.13	15	760	18	2.93	16	288	0.32	112	10	139	2000
JM RC-06-04	256	258	1012314 EXT		0.336	1.1	7.89	18	420	1.2	2	3.78	0.5	14	23	1705	4.01	2.17	1.16	691	12	2.43	21	770	19	1.7	13	354	0.3	89	10	102	2000
JM RC-06-04	258	260	1012315 EXT		0.821	0.9	9.35	14	510	1.4	2	3.32	0.5	15	18	2070	4.7	2.34	1.52	918	9	2.61	17	840	12	1.7	22	345	0.37	122	10	124	2000
JM RC-06-04	260	262	1012316 EXT		0.111	0.9	6.4	7	570	1.3	2	3.16	0.5	12	20	644	2.75	2.13	1.02	663	12	2.7	19	910	13	0.99	24	422	0.26	80	10	73	2000
JM RC-06-04	262	264	1012317 EXT		0.112	0.5	8.53	10	480	1.2	2	3.47	0.5	15	22	1395	3.9	1.86	1.01	774	14	2.48	19	880	9	1.55	19	444	0.36	116	10	91	2000
JM RC-06-04	264	266	1012318 EXT		0.133	0.5	7.61	11	860	1.2	2	2.87	0.5	10	21	945	3.12	2.05	0.85	847	11	2.4	13	778	17	1.16	5	417	0.21	80	10	85	2000
JM RC-06-04	266	268	1012319 EXT		0.053	0.7	7.99	12	540	1.2	2	3.1	0.5	10	10	932	3.14	2.25	0.95	988	9	2.58	8	730	20	1.35	7	400	0.23	82	10	75	2000
JM RC-06-04	268	270	1012320 EXT		0.142	1.7	8.91	10	610	0.9	2	3.06	0.6	9	24	1910	3.58	2.07	0.8	874	16	1.69	20	370	31	2.77	11	256	0.17	99	10	116	2000
JM RC-06-04	270	272	1012321 EXT		0.405	1.8	8.99	10	620	0.9	2	2.96	0.6	9	24	2740	3.47	2.22	0.96	833	11	2.38	13	660	63	3.73	15	258	0.15	91	10	102	2000
JM RC-06-04	272	274	1012322 EXT		0.147	1.8	8.17	475	40	0.9	2	2.85	4.4	7	28	2600	3.24	2.72	0.95	346	15	1.07	16	340	246	4.66	21	256	0.1	84	10	184	2000
JM RC-06-04	274	276	1012323 EXT		0.171	1.4	8.43	27	170	1	2	2.87	1.1	8	14	2470	2.78	2.04	0.6	677	10	1.64	9	360	86	2.54	18	180	0.13	78	10	229	2000
JM RC-06-04	276	278	1012324 EXT		0.193	0.9	7.96	20	230	1.2	2	2.72	0.5	10	20	1580	3.52	2.01	0.79	668	15	2.38	14	650	50	2.08	9	278	0.19	91	10	115	2000
JM RC-06-04	278	280	1012325 EXT		0.116	0.7	7.9	17	230	1.3	2	2.6	0.5	9	24	1475	3.26	1.96	0.93	617	10	2.11	9	560	30	2.09	12	260	0.17	82	10	115	2000
JM RC-06-04	280	282	1012326 EXT		0.154	1.2	4.62	10	150	0.6	2	4.31	0.5	9	24	3080	2.87	2.35	0.58	462	16	1.08	13	280	18	4.53	12	324	0.06	72	10	46	2000
JM RC-06-04	282	284	1012327 ORG		0.274	1.8	5	11	260	1	2	2.48	0.5	9	17	5470	3.35	2.12	0.75	648	26	0.66	11	185	15	2.4	11	226	0.14	69	10	73	2000
JM RC-06-04	284	286	1012328 EXT		0.265	1.3	7.61	14	370	1.4	2	3.68	0.5	17	34	2750	4.57	2.37	2.01	1336	77	1.64	25	805	14	2.62	7	252	0.41	139	10	140	2000
JM RC-06-04	286	288	1012329 EXT		0.35	1.8	8.23	19	200	1.4	2	4.65	0.5	18	44	3100	4.64	1.3	2.14	1260	34	2.15	30	820	34	2.79	14	305	0.41	151	10	154	2000
JM RC-06-04	288	290	1012330 EXT		0.255	1.3	8.62	15	250	1.2	2	3.71	0.5	15	25	2430	4.41	2.09	1.42	884	20	1.64	19	710	38	2.37	6	345	0.33	118	10	91	2000
JM RC-06-04	290	292	1012332 EXT		0.28	0.7	6.69	17	360	1.4	2	4.76	0.5	34	58	5270	5.46	2.59	2.66	1260	30	2.64	45	1040	18	2.35	8	314	0.57	162	10	178	2000
JM RC-06-04	292	294	1012333 EXT		0.33	1.2	9.23	15	360	1.6	2	5.13	0.5	25	46	3740	6.22	2.45	2.79	1280	33	1.7	34	1110	11	2.48	8	785	0.59	182	10	178	2000
JM RC-06-04	294	296	1012334 EXT		0.681	1.1	8.28	31	270	1.4	2	4.97	5.1	23	60	2280	5.63	2.05	2.7	1350	48	1.62	32	1140	32	2.54	11	403	0.58	162	10	862	2000
JM RC-06-04	296	298	1012335 EXT		0.256	1.2	8.91	15	230	0.9	2	4.22	0.6	14	34	3250	3.42	2.25	1.32	740	17	1.79	14	540	41	2.68	14	239	0.37	95	10	139	2000
JM RC-06-04	298	300	1012336 EXT		0.372	1.2	7.71	21	250	1.3	2	4.67	0.5	16	44	2620	4.4	2.27	2.15	1186	31	1.36	39	850	55	2.27	18	232	0.44	134	10	162	2000
JM RC-06-04	300	302	1012337 EXT		0.393	0.8	7.46	14	270	1.2	2	3.87	0.5	16	39	2780	4.63	2	2	635	43	2.05	36	810	16	2.16	7	283	0.43	136	10	202	2000
JM RC-06-04	302	304	1012338 EXT		0.175	0.8	7.76	12	340	1	2	4.1	0.5	21	49	2310	4.46	2.14	2.52	867	36	2.62	35	870	7	2.04	5	314	0.49	158	10	134	2000
JM RC-06-04	304	306	1012339 EXT		0.143	0.8	7.3	16	280	1.2	2	3.57	0.5	18	29	1530	5.05	2.24	1.8	988	18	2.12	28	870	18	1.88	7	288	0.47	151	10	113	2000
JM RC-06-04	306	308	1012340 EXT		0.212	0.8	8.23	16	330	1.3	2	4.07	0.5	21	49	2420	5.05	2.04	2.04	988	39	3.37	27	940	16	2.08	5	388	0.43	154	10	113	2000
JM RC-06-04	308	310	1012341 EXT		0.204	0.6	6.98	7	270	1.1	2	4.08	0.5	25	48	2160	5.45	2.38	2.53	1080	48	2.41	18	1230	14	2.54	5	326	0.56	165	10	136	2000
JM RC-06-04	310	312	1012342 EXT		0.259	0.6	6.04	17	260	1.2	2	3.54	0.5	18	36	1630	4.54	2.05	1.82	909	33	2.72	21	820	7	2.4	8	275	0.39	130	10	165	2000
JM RC-06-04	312	314	1012343 EXT		0.212	0.8	7.76	14	350	1.2	2	3.78	0.5	17	31	1970	4.52	2.16	1.9	882	34	2.46	18	990	17	2.03	6	277	0.41	140	10	124	2000
JM RC-06-04	314	316	1012344 EXT		0.432	1.2	7.79	35	350	1.2	2	3.56	0.5	15	24	2540	4.6	1.86	1.7	1050	40	2.57	24	760	58	2.46	6	348	0.34	129	10	124	2000
JM RC-06-04	316	318	1012345 EXT		0.211	1.2	7.13	9	350	1.2	2	3.22	0.5	16	22	2480	4.37	1.82	1.54	1670	26	2.23	20	730	29	1.87	7	326	0.35	134	10	124	2000
JM RC-06-04	318	320	1012346 EXT		0.325	1.4	7.59	10	360	1.1	2	3.42	0.5	19	35	3080	4.43	1.83	1.62	1050	36	2.26	21	880	37	1.86	5	278	0.45	143	10	124	2000
JM RC-06-04	320	322	1012347 EXT		0.202	1.2	7.66	10	380	1.2	2	3.98	0.5	20	29	2620	4.89	2.03	1.82	913	24	2.39	13	1020	6	2.38	5	364	0.46	164	10	114	2000
JM RC-06-04	322	324	1012348 EXT		0.147	0.5	7.39	10	390	1.3	2	3.61	0.5	17	28	1670	4.19	2.05	1.7	988	27	2.28	24	880	20	2.14	5	288	0.38	139	10	124	2000
JM RC-06-04	324	326	1012349 EXT		0.141	1	8.15	11	390	1.3	2	4.01	0.5	14	23	2520	4.76	1.92	1.98	958	27	2.39	16	880	16	2.39	5	353	0.4	126	10	216	2000
JM RC-06-04	326	328	1012350 ORG		0.148	0.6	7.4	9	270	1.2	2	3.72	0.5	16	29	1775	4.14	1.84	1.6	734	36	2.36	21	780	20	2.14	5	279	0.37	124	10	122	2000
JM RC-06-04	328	330	1012352 EXT		0.139	0.6	7.59	16	390	1.2	2	3.19	0.5	16	29	1805	3.87	2.01	1.67	748	25	2.38	22	840	28	1.92	5	288	0.37	120	10	192	2000
JM RC-06-04	330	332	1012353 EXT		0.115	0.5	7.13	13	350	1.1	2	3.75	0.5	16	30	1295	4.22	1.98	1.48	631	34	2	21	780	43	2.4	5	243	0.35	118	10	164	2000
JM RC-06-04	332	334	1012354 EXT		0.143	0.6	7.04	16	340	1	2	3.27	0.5	14	22	1950	3.84	1.87	1.56	733	23	2.19	14	740	23	2.75	5	221	0.33	109	10	164	2000
JM RC-06-04	334	336	1012355 EXT		0.165	0.7	8.41	14	320	1.2	2	2.65	0.5	16	26	2110	5.56	1.8	2.4	1175	29	2.34	29	1040	44	1.92	5	274	0.47	158	10	164	2000
JM RC-06-04	336	338	1012356 EXT		0.157	0.9	8.47	5	150	1.2	2	3.74	0.5	21	38	2358	4.79	2.3	2.91	1225	67	1.84	52	1140	45	2.09	5	252	0.52	174	10	204	2000
JM RC-06-04	338	340	1012357 EXT		0.212	1.2	8.16	9	250	1.4	2	3.91	0.5	19	31	2980	4.36	2.53	2.91	934	36	2.32	26	910	33	1.62	5	256	0.42	144	10	171	2000
JM RC-06-04	340	342	1012358 EXT		0.162	1.2	7.9	18	300	1.2	2	3.71	0.5	16	28	2410	4.8	2.31	1.83	823	40	2.61	28	840	43	1.84	5	264	0.36	126	10	207	2000
JM RC-06-04	342	344	1012359 EXT		0.15	1.2	8.68	11	320	1.5	2	2.31	0.5	30	34	2340	4.65	2.51	2.17	1056	23	2.32	23	970	43	0.85	5	275	0.51	148	10	182	2000
JM RC-06-04	344	346	1012360 EXT		0.154	0.8	8.15	15	400	1.5	2	2.04	0.5	21	29	2270	4.77	2.41	2.69	1150	41	2.36	37	1040	36	0.57	5	262	0.47	154	10	144	2000
JM RC-06-04	346	348	1012361 EXT		0.121	0.5	8.06	12	300	1.7	2	2.53	0.5	22	36	1695	4.61	2.4	3.2	1256	25	1.9	38	1120	22	0.35	5	348	0.51	164	10	158	2000
JM RC-06-04	348	350	1012362 EXT		0.119	0.7	8.44	33	230	1.4	3	1.71	0.5	18	28	2540	4.96	2.62	2.06	1000	62	2.06	23	920	48	2.01	10	229	0.54	165	10	156	2000
JM RC-06-04	350	352	1012363 EXT		0.227	1.3	8.67	14	480	1.6	3	1.74	0.5	17	25	3410	4.93	2.26	2.33	1080	48	1.94	37	1010	37	0.5	5	244	0.4	152	10	156	2000
JM RC-06-04	352	354	1012364 EXT		0.209	1.3	8.84	5	430	1.1	3	1.98	0.5	14	21	3840	3.56	1.8	1.8	756	83	1.9	15	700	16	0.86	5	196	0.31	130	10	91	2000
JM RC-06-04	0	2	1012365 EXT		0.018	0.5	9.79	16	530	1	3	3.23	0.5	18	30	154	4.4	1.77	1.36	888	13	1.44	14	880	27	0.12	5	586	0.37	130	10	174	2000
JM RC-06-04	2	4	1012366 EXT		0.005	0.8	9.15	11	570	1.1	2	2.63	0.5	17	11	58	4.49	1.7	1.34	918	4	1.84	12	830	33	0.02	5	985	0.39	129	10	146	2000
JM RC-06-04	4	6	1012367 EXT		0.005	0.8	8.41	18	560	1.1	2	3.14	0.5	19	11	31	4.53	1.53	1.14	778	2	2.01	13	1080	22	0.01	5	736	0.38	118	10	91	2000
JM RC-06-04	6	8	1012368 EXT		0.005	0.5	8.62	16	530	1.2	3	3.19	0.5	18	13	24	3.98	1.54	1.36	777	1	1.4	11	870	17	0.02	5	623	0.37	122	10	91	2000
JM RC-06-04	8	10	1012369 EXT		0.006	0.5	8.73	13	520	1.1	3	3.15	0.5	18	11	51	3.87	1.84	1.3	846	2	1.86	9	850	18	0.02	5	630	0.36	120	10	82	2000
JM RC-06-04	10	12	1012370 EXT		0.009	0.5	9.99	18	560	1.3	3	1.98	0.5	15	15	563	4.23	2.19	1.02	988	26	0.66	13	780	5	0.03	5	344	0.27	114	10	116	2000
JM RC-06-04	12	14	1012371 EXT		0.123	0.5	8.67	21	540	1.6	2	0.89	0.5	8	16	367	5.27	2.44	0.56	209	74	0.61	18	1180	11	0.05	5	361	0.34	123	10	84	2000
JM RC-06-04	14	16	1012372 EXT		0.103	0.5	8.19	30	710	1.2	2	0.6	0.5	8	14	170	4.64	2.32	0.51	217	79	0.52	15	830	14	0.08	5	306	0.22	102	10	46	2000
JM RC-06-04	16	18	1012373 EXT		0.172	0.8	8.46	38	860	1.1	2	0.19	0.5	8	17	244	3.78	2.42	0.39	58	88	0.13	15	800	16	0.09	5	286	0.2	121	10	30	2000
JM RC-06-04	18	20	1012374 EXT		0.171	0.5	7.02	16	540	1	2	0.37	0.5	8	19	306	4.32	1.52	0.36	101	107	0.21	15	630	16	0.11	5	275	0.16	83	10	16	2000
JM RC-06-04	20	22	1012375 EXT		0.142	0.5	8.04	34	680	1	2	0.16	0.5	8	25	221	4.72	2.56	0.34	90	78	0.1	19	870	15	0.1	7	298	0.27	135	10	171	2000
JM RC-06-04	22	24	1012376 EXT		0.195	0.5	8.65	32	800	1.2	2	0.

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-05-04	54	56	101366	EXT	0.049	0.5	7.44	16	50	1.1	2	0.28	0.5	33	90	1335	7.16	1.93	0.63	721	13	0.21	46	1630	11	3.35	5	404	0.09	147	10	66	180
JM RC-05-04	56	58	101364	EXT	0.039	0.5	9.9	6	60	0.5	2	0.21	0.5	38	84	1650	6	1.56	0.5	222	31	0.17	60	730	6	3.84	5	720	0.09	100	10	66	340
JM RC-05-04	58	60	101365	EXT	0.07	0.5	7.4	6	60	0.7	2	0.18	0.5	21	34	5230	3.99	1.63	0.2	74	69	0.18	30	740	7	3.43	5	243	0.09	79	10	6	600
JM RC-05-04	60	62	101366	EXT	0.142	0.5	7.74	13	60	1.1	2	0.17	0.5	26	30	6300	4.02	1.67	0.25	84	102	0.25	19	1160	8	3.47	5	524	0.1	114	10	21	140
JM RC-05-04	62	64	101367	EXT	0.105	0.5	4.67	18	60	0.5	2	0.06	0.5	9	7	5290	3.29	1.12	0.06	29	176	0.11	19	660	15	3.3	5	366	0.05	71	10	2	260
JM RC-05-04	64	66	101368	EXT	0.077	0.5	5.95	16	60	0.5	2	0.04	0.5	6	4	4250	2.66	1.02	0.07	27	56	0.15	10	410	5	1.9	5	216	0.05	18	10	2	150
JM RC-05-04	66	68	101369	EXT	0.109	0.5	8.9	14	60	0.9	2	0.12	0.5	15	17	4700	4.26	1.38	0.26	91	51	0.25	37	1600	9	2.6	5	457	0.12	88	10	25	720
JM RC-05-04	68	70	101400	EXT	0.117	0.5	9.97	16	120	0.9	2	0.14	0.5	27	21	5230	4.24	1.9	0.54	199	40	0.5	43	650	9	2.87	5	508	0.15	152	10	69	1050
JM RC-05-04	70	72	101401	EXT	0.117	0.5	10.35	11	90	0.9	2	0.21	0.5	35	21	4400	5.29	3.53	0.57	204	62	0.41	48	750	9	3.19	5	434	0.19	190	10	46	130
JM RC-05-04	72	74	101402	EXT	0.166	0.5	9.08	7	90	0.9	2	0.3	0.5	42	17	3230	6.14	2.26	0.63	346	154	0.32	30	660	7	2.63	5	273	0.14	153	10	88	440
JM RC-05-04	74	76	101403	EXT	0.06	0.5	8.2	16	200	1.1	2	0.27	0.5	35	42	1530	5.99	1.98	1.12	445	72	0.36	36	1260	7	1.84	5	162	0.14	156	10	121	130
JM RC-05-04	76	78	101404	ORG	0.161	0.5	9.33	10	60	1	2	0.34	0.5	34	19	2370	6.68	2.59	0.95	348	82	0.41	27	847	7	2.82	5	198	0.17	156	10	73	300
JM RC-05-04	78	80	101406	SB1	0.14	0.5	9.3	9	60	0.9	2	0.14	1	30	19	2460	5.45	2.38	1.06	319	53	0.34	26	660	5	1.88	5	88	0.15	148	10	70	640
JM RC-05-04	80	82	101407	EXT	0.079	0.5	6.61	7	30	0.8	2	0.19	0.5	32	16	1420	4.62	2.2	1.14	347	29	0.36	24	950	5	2.09	5	84	0.17	146	10	75	180
JM RC-05-04	82	84	101408	EXT	0.095	0.5	9.24	11	40	0.9	2	0.25	0.5	29	16	1880	5.67	2.39	0.91	246	40	0.39	27	778	2	2.35	5	83	0.16	151	10	65	160
JM RC-05-04	84	86	101409	EXT	0.17	0.5	7.95	9	30	0.7	2	0.23	0.5	26	16	1430	4.89	2.28	0.73	204	74	0.33	21	650	2	2.03	5	73	0.14	131	10	80	90
JM RC-05-04	86	88	101410	EXT	0.083	0.5	9.92	17	70	0.9	2	0.38	0.5	47	22	1575	6.75	2.34	1.22	329	34	0.38	43	1030	6	3.35	5	84	0.17	181	10	88	320
JM RC-05-04	88	90	101411	EXT	0.117	0.7	11.2	13	80	0.8	2	0.42	1	41	23	3740	6.21	3.08	1.02	278	145	0.36	36	1080	2	3.34	5	108	0.21	198	10	72	320
JM RC-05-04	90	92	101412	EXT	0.123	0.5	9.57	14	90	0.9	2	0.31	0.5	30	16	2650	5.23	2.97	1.2	386	92	0.37	31	800	2	2.32	5	79	0.16	146	10	76	840
JM RC-05-04	92	94	101413	EXT	0.084	0.5	8.99	5	30	0.8	2	0.26	0.5	30	19	1715	5.37	1.97	1.32	388	41	0.37	33	630	5	2.05	5	88	0.16	149	10	121	310
JM RC-05-04	94	96	101414	EXT	0.099	0.5	6.67	5	30	1.2	2	0.3	1.1	35	14	1995	5.53	1.65	1.47	400	29	0.34	29	1270	11	2.34	5	97	0.15	144	10	134	80
JM RC-05-04	96	98	101415	EXT	0.11	0.5	8.62	5	30	1.4	2	0.39	1	32	21	2640	4.95	3.11	1.39	285	43	0.36	24	1450	3	3.05	5	73	0.14	150	10	80	480
JM RC-05-04	98	100	101416	EXT	0.105	0.5	9.27	8	40	1.2	2	0.26	1.4	33	19	1975	5.11	2.15	1.18	371	91	0.38	37	1010	7	2.14	5	85	0.17	150	10	108	240
JM RC-05-04	100	102	101417	EXT	0.132	0.5	8.45	8	40	1.8	2	0.45	1.1	38	33	2580	6.24	3.19	1.62	521	85	0.42	41	2000	12	2.54	5	108	0.2	178	10	116	120
JM RC-05-04	102	104	101418	EXT	0.153	0.5	7.68	11	270	1	2	0.26	0.9	21	21	1825	4.76	1.88	1.18	367	65	0.34	21	1030	4	2.14	5	60	0.12	136	10	77	310
JM RC-05-04	104	106	101419	EXT	0.117	0.5	9.3	17	60	1.6	2	0.39	1	35	39	3660	6.79	2.98	1.48	595	105	0.44	36	1080	4	1.78	5	81	0.2	173	10	122	430
JM RC-05-04	106	108	101430	EXT	0.115	0.5	8.7	8	60	1.4	2	0.37	0.9	33	21	2360	5.88	1.93	1.58	531	58	0.41	28	1040	2	1.99	5	56	0.16	142	10	90	340
JM RC-05-04	108	110	101431	EXT	0.103	0.6	8.91	7	60	1.5	2	0.4	0.7	32	23	1945	5.96	1.96	1.64	539	56	0.36	31	1130	14	1.36	5	63	0.2	156	10	108	260
JM RC-05-04	110	112	101432	EXT	0.084	0.5	8.8	9	60	1.4	2	0.45	0.6	32	8	2790	6.46	2.67	1.48	381	63	0.3	25	1460	3	2.31	5	105	0.21	144	10	112	230
JM RC-05-04	112	114	101433	EXT	0.04	0.5	8.91	5	60	2.3	2	0.36	0.9	32	8	1820	5.66	2.67	0.47	114	91	0.41	28	1660	2	3.57	5	239	0.17	116	10	30	150
JM RC-05-04	114	116	101434	EXT	0.04	0.5	7.06	6	30	1.1	2	0.27	0.5	22	4	1240	3.52	2.3	0.25	45	174	0.31	19	730	3	2.67	5	171	0.06	47	10	15	170
JM RC-05-04	116	118	101435	ORG	0.088	0.5	6.57	5	170	0.9	2	0.14	0.6	16	1	1440	3.11	2.31	0.4	84	49	0.26	9	560	5	2.32	5	122	0.07	44	10	14	60
JM RC-05-04	118	120	101437	EXT	0.091	0.5	7.64	9	40	0.9	2	0.2	0.6	26	3	1940	4.33	2.59	0.9	140	136	0.27	16	880	7	3.4	5	88	0.1	77	10	33	180
JM RC-05-04	120	122	101438	EXT	0.094	0.5	8.64	21	50	1.7	2	0.46	1	31	21	2220	5.18	2.82	1.65	460	44	0.36	39	1360	3	2	5	93	0.16	144	10	126	120
JM RC-05-04	122	124	101439	EXT	0.082	0.5	9.19	16	50	2	2	0.62	1	29	21	1730	4.95	3.79	1.98	884	42	0.44	29	1130	5	2.43	5	83	0.14	151	10	88	230
JM RC-05-04	124	126	101440	EXT	0.169	0.5	8.94	11	60	1.6	2	0.59	1.2	31	18	3670	4.91	1.91	2.12	360	95	0.39	33	1230	2	1.73	5	66	0.13	142	10	103	300
JM RC-05-04	126	128	101431	EXT	0.141	0.6	9.31	11	50	1.5	2	0.49	1.1	32	27	2700	4.82	1.65	2.08	313	85	0.38	32	1140	2	2.21	5	83	0.12	148	10	76	180
JM RC-05-04	128	130	101432	EXT	0.141	0.6	9.14	11	60	1.8	2	0.64	1.5	25	19	2460	4.82	1.74	2.19	403	124	0.39	34	1140	2	1.48	5	63	0.12	139	10	102	80
JM RC-05-04	130	132	101433	EXT	0.102	0.5	9.32	11	60	1.9	2	0.7	0.9	31	17	2170	4.66	1.98	2.16	439	44	0.38	29	1140	2	1.6	5	66	0.12	137	10	129	130
JM RC-05-04	132	134	101434	EXT	0.15	0.5	9.1	13	60	1.9	2	0.58	1.1	34	18	2260	5.07	2.21	1.96	355	99	0.41	29	1060	2	2.1	5	79	0.14	140	10	165	190
JM RC-05-04	134	136	101435	EXT	0.129	0.6	8.61	14	340	1.9	4	0.68	0.9	26	21	2590	4	1.9	1.9	353	60	0.31	29	880	11	1.44	5	63	0.14	144	10	109	60
JM RC-05-04	136	138	101436	EXT	0.207	1	6.4	21	310	1.9	4	0.69	2.1	32	23	1620	6.75	1.9	2.15	865	45	0.27	29	880	45	2.13	5	58	0.14	144	10	258	60
JM RC-05-04	138	140	101437	EXT	0.116	0.5	9.08	42	210	1.7	2	0.67	1.2	27	30	2610	4.24	2.27	1.52	468	44	0.3	21	1280	26	2.08	5	63	0.16	160	10	126	60
JM RC-05-04	140	142	101438	EXT	0.116	0.9	10.65	11	220	1.8	7	0.69	1.1	27	40	2630	4.99	2.44	1.7	540	58	0.3	25	1640	20	1.6	5	67	0.2	170	10	138	60
JM RC-05-04	142	144	101439	EXT	0.157	0.7	9.84	6	450	1.7	2	0.79	1	28	28	2810	3.97	2.56	1.2	381	112	0.31	18	1080	10	1.88	5	62	0.15	134	10	88	30
JM RC-05-04	144	146	101440	EXT	0.138	1.1	8.21	14	150	1.6	5	2.22	0.6	26	26	3610	3.2	2.41	1.27	208	84	0.24	17	810	11	3.6	5	72	0.12	132	10	36	30
JM RC-05-04	146	148	101441	EXT	0.11	0.9	7.9	5	270	1.4	3	2.43	0.7	16	34	2670	2.45	2.43	1.02	178	76	0.22	12	750	16	3.21	5	67	0.11	129	10	30	30
JM RC-05-04	148	150	101442	EXT	0.062	1	5.64	5	80	0.8	2	1.22	0.5	13	9	2110	1.6	1.9	0.3	54	75	0.17	6	310	6	2.49	5	58	0.06	80	10	4	30
JM RC-05-04	150	152	101443	EXT	0.114	1.2	5.82	5	330	1	2	1.19	0.5	16	14	3140	2.65	1.82	0.27	73	67	0.2	17	550	12	3.86	5	87	0.05	91	10	16	30
JM RC-05-04	152	154	101444	EXT	0.172	1	6.17	8	340	1.5	3	1.88	0.7	25	36	3660	3.53	1.65	1.19	381	97	0.34	37	1530	6	3.48	5	228	0.14	154	10	46	30
JM RC-05-04	154	156	101445	EXT	0.186	0.9	9.23	8	440	1.4	3	2.72	1.5	26	41	3670	4.26	1.54	2.2	572	124	0.4	57	700	14	3.31	5	343	0.2	154	10	126	30
JM RC-05-04	156	158	101446	EXT	0.134	0.8	8.91	5	350	1.2	2	4.21	0.5	24	36	3630	4.11	1.5	1.82	436	99	0.34	53	850	5	4.82	5	146	0.2	125	10	66	30
JM RC-05-04	158	160	101447	EXT	0.163	0.9	9.79	5	360	1.2	2	3.98	0.5	14	31	3660	3.66	1.29	1.5	353	109	0.3	50	860	5	3.88	5	172	0.18	116	10	12	30
JM RC-05-04	160	162	101448	EXT	0.107	0.8	7.81	5	180	1.3	5	3.87	0.5	15	30	2730	4.06	1.53	1.66	466	63	0.42	27	760	6	3.79	5	160	0.22	132	10	17	30
JM RC-05-04	162	164	101449	EXT	0.162	1	8.08	5	210	1.3	4	3.7	0.5	15	34	3600	2.59	1.3	1.23	330	86	0.19	17	880	14	4	5	139	0.31	98	10	17	30
JM RC-05-04	164	166	101450	ORG	0.083	0.8	6.95	5	510	1.2	2	1.91	0.5	4	10	2670	1.84	1.62	0.53	165	95	0.19	9	360	16	2.38	5	54	0.06	44	10	6	30
JM RC-05-04	166	168	101452	EXT	0.115	1.3	7.42	5	220	1.5	2	1.97	0.5	12	19	3370	2.38	2.06	0.71	284	126	0.17	9	470	2	2.6	5	108	0.08	91	10	20	30
JM RC-05-04	168	170	101453	EXT	0.139	1.5	7.48	5	310	1.5	2	2.79	0.5	15	9	3790	2.27	2.53	0.78	279	70	0.19	11	430	7	3.74	5	108	0.08	83	10	17	30
JM RC-05-04	170	172	101454	EXT	0.06	0.8	7.27	5	220	1.4	3	1.6	0.5	13	11	2100	2.24	2.61	0.77	234	167	0.17	7	430	7	2.84	5	108	0.08	83	10	14	30
JM RC-05-04	172	174	101455	EXT	0.128	1.5	7.32	6	130	1.6	3	2.56	0.6	16	14	3070	2.62	2.33	1.04	310	77	0.19	13	440	12	3.38	5	102	0.08	71	10	23	30
JM RC-05-04	174	176	101456	EXT	0.132	0.7	6.82	9	130	1.6	3	4.41	0.5	20	31	2650	3.2	2.08	1.49	374	53	0.26	35	770	11	5	5	118	0.13	123	10	24	30
JM RC-05-04	176	178	101457	EXT	0.064	1.1	6.7	5	300	1.3	2	3.04	0.5	15	19	2940	2.23	2.12	0.79	254	222	0.21	9	360	7	4.06	5	121	0.07	82	10	14	30
JM RC-05-04	178	180	101458	EXT	0.083	0.8	7.29	5	300	1.4	3	2.84	0.5	19	18	2400	2.79	2.08	1.07	245	72	0.22	20	550	4	4.01	5	121	0.1	88	10	14	30
JM RC-05-04	180	182	101459	EXT	0.074	0.5	7.6	5	280	1.3	3	2.74	0.5	31	22	2670	3.6	2.28	1.2	244	87	0.2	34	950	19	4.84	5	118	0.1	91	10	13	30
JM RC-05-04	182	184	101460	EXT	0.058	0.6	7.97	5	310	1.3	3	3.42	0.5	24	19	1285	3.11	2.08	1.1	314	54	0.19	27	400	5	4.34	5	110	0.09	85	10	15	30
JM RC-05-04	184	186	101461	EXT	0.09	0.8	8.07	5	310	1.8	2	4.09	0.7	24	23	2270	3.87	2.59	1.22	384	69	0.23	31	510	10	4.66	5	106	0.12	104	10	31	30
JM RC-05-04	186	188	101462	EXT	0.092	0.5	9.21	5	160	1	3	3.22	0.6	34	47	1760	5.07	1.76	3.67	560	78	0.23	29	1560	6	4.13	5	88	0.23	160	10	27	30
JM RC-05-04	188	190	101463	EXT	0.121	0.8	9.62	5	130	1.1	4	4.08	0.5	25	45	3000	4.48	1.8	3.52	516	84	0.33	62	770	4	4.66	5	137	0.2	142	10	14	30
JM RC-05-04	190	192	101464	EXT	0.142	1	11.1	14	160	1.8	5	4.18	0.5	37	47	3680	5.69	2.13	3.91	695	80	0.44	49	2120	9	4.74	5	166	0.33	184	10	34	30
JM RC-05-04	192	194	101465	EXT	0.091	0.8	11.45	5	270	1.6	3	4.52	0.5	35	49	2260	6.33	2.03	3.48	670	77	0.5	55	1400	17	5.18	5	142	0.35	190	10	22	30
JM RC-05-04	194	196	101466	EXT	0.052	0.7	10.65	5	160	1.3	3	4.29	0.5	29	37	1960	5.53	2.01	2.53	541	88	0.43	34	1560	12	5.9	5	118	0.31	162	10	16	30
JM RC-05-04	196	198	101467	EXT	0.088	0.8	9.78	5	200	1.8	3	5.99	0.5	21	36	2200	4.29	1.94	1.84	458	88	0.64	31	1210	11	5.12	5	164	0.27	156	10	30	30
JM RC-05-04	198	200	101468	EXT	0.091	0.5	8.47	5	190	1.5	4	4.02	0.6	17	27	1885	3.6	1.94	1.76	518	63	0.64	17	930	14	3.25	5	144	0.21	136	10	21	30
JM RC-05-04	200	202	101469	EXT	0.093	0.8	7.16	5	200	1.3	2	3.54	0.5	13	22	1913	3.62	1.62	1.36	328	58	0.48	16	780	2	3.72	5	139	0.16	114	10	11	30
JM RC-05-04	202	204	101470	EXT	0.124	0.7	8.68	5	300	1.6	5	3.8	0.5	20	22	2660	4.55	1.79	1.45	454	36	0.6	15	880	6	3.84	5	124	0.18	114	10	27	30
JM RC-05-04	204	206	101471	EXT	0.092	0.8	8.63	5	300	1.7	2	3.95	0.5	12	13	2660	2.83	2.66	1.14	386	69	0.2	11	850	4	4.28	5	144	0.08	80	10	8	30
JM RC-05-04	206	208	101472	EXT	0.063	0.5	7.31	5	180	1.2	2	6.97	0.5	16	16	2670	2.68	2.46	0.5	214	76	0.18	9	500	7	1.94	5	73	0.05	35	10	22	30
JM RC-05-04	208	210	101473	EXT	0.098	1	5.95	5	300	0.9	3	1.46	0.5	11	13	2760	2.36	2.15	0.31	162	117	0.16	5	330	7	2.53	5	46	0.04	21	10	6	30
JM RC-05-04	210	212	101474	EXT	0.072	0.6	5.91	5	230	1.2	2	1.13	0.5	9	9	2190	1.9	2.2	0.5	169	98	0.12	1	190	3	1.92	5	62	0.04	15	10	6	30
JM RC-05-04	212	214	101475	EXT	0.098	0.6	6.61	5	160	1.3	2	1.92	0.5	9	9	2660	1.7	2.3	0.36	158	61	0.18	3	270	5	2.7	5	59	0.04	17	10	6	30
JM RC-05-04	214	216	101476	EXT	0.048	1	9.19	5	170	0.7	2	1.97	0.5	12	6	1760	1.9	2.12	0.21	100	79	0.18	2	360	2	2.67	5	73	0.04	34	10	7	30
JM RC-05-04	216	218	101477	EXT	0.096	0.6	5.26	5	360	0.8	2	2.3	0.5	8	16	3630	1.73	1.74	0.34	180	63	0.14	6	270	4	3.16	5	78	0.03	36	10	11	30
JM RC-05-04	218	220	101478	EXT	0.135	1.3	7.16	5	600	1.4	2	2.95	0.5	9	8	3000	2.82	2.29	0.6	288	108	0.18	4	350	4	3.62	5	88	0.08	61	10	21	30
JM RC-05-04	220	222	101479	EXT	0.18	0.7	7.72	5	410	1.3	3	2.69	0.5	12	9	2960	3.27	1.53	1.24	567	90	0.4	10	780	7	2.77	5	88	0.08	116	10	30	30
JM RC-05-04	222	224	101480	EXT	0.263	1.1	7.52	5	670	1.7	2	1.14	0.5	17	19	3550	3.07	1.99	1	510	164	0.2	15	740	11	2.39	5	63	0.08	85	10	21	30
JM RC-05-04	224	226	101481	ORG	0.142	0.9	7.48	5	430	1.6	4	0.86	0.5	15	18	3030	2.66	2.16	0.81	380	65	0.23	13	760	4	2.27	5	83	0.07	91	10	21	30
JM RC-05-04	226	228	101482	EXT	0.333	1.1	8.54	5	130	1.7	3	2.76	0.6	11	19	3330	2.36	1.84	0.96	546	77	0.42	8	980	11	3.24	5	83	0.08	82	10	16	30
JM RC-05-04	228	230	101484	EXT	0.116	0.8	7.84	5	180	1.8	2	3.7	0.6	11	17	2640	2.5	2.34	0.87	700	130	0.33	6	700	12	3.23	5	68	0.08	74	10	22	30
JM RC-05-04	230	232	101485	EXT	0.157	1.1	7.57	5	200	1.8	4	2.54	0.5	9	20	2640	2.26	2.42	1	660	163	0.32	4	810	4	2.77	5	68	0.08	68	10	22	30
JM RC-05-04	232	234	101486	EXT	0.227	0.9	8.87	5	230	1.7	5	4.54	0.5	12	15	3360	2.34	1.62	0.9	412	124	0.37	8	880	8	4.49	5	72	0.08	74	10	32	30
JM RC-05-04	234	236	101487	EXT	0.176	0.9	7.44	9	220	1.9	2	4.14	0.5	15	19	3220	2.44	2.36	0.95	438	123	0.41	13	830	10	4.57	5	86	0.08	82	10	38	30
JM RC-05-04	236	238	101488	EXT	0.131	0.6	6.53	5	200	1.6	2	3.12	0.5	9	16	2250	2.03	1.98	0.66	366	106	0.54	7	540	9	3.29	5	66	0.06	74	10	16	30
JM RC-05-04	238	240	101489	EXT	0.125	1.1	7.73	5	180	1.4	2	2.97	0.5	10

RCH	From	To	SAm	CAT	Au_ppm	As_ppm	Al_%	Au_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-06-04	112	114	101617	EXT	0.013	67	0.46	5	250	1.7	2	3.36	0.5	34	36	68	5.07	1.6	2.02	1180	2	1.34	20	1000	17	2.12	5	384	0.28	148	16	104	10
JM RC-06-04	114	116	101618	EXT	0.01	0.5	0.32	5	220	1.4	2	3.79	0.5	17	39	83	5.56	1.76	2	1850	15	1.82	13	1640	9	3.03	20	343	0.36	146	30	77	10
JM RC-06-04	116	118	101619	EXT	0.016	0.7	0.65	10	170	1.8	2	3.57	0.5	17	31	260	5.49	1.69	1.9	1656	12	2.26	16	1630	9	3.49	22	388	0.4	148	30	90	10
JM RC-06-04	118	120	101620	EXT	0.015	0.5	0.76	5	140	1.6	2	2.13	0.5	10	19	148	4.75	2.75	1.28	681	11	2.25	9	870	4	4.45	22	134	0.24	90	30	90	10
JM RC-06-04	120	122	101621	EXT	0.021	1.2	0.99	9	160	1.4	2	2.98	0.5	16	35	151	5.54	2.15	2.17	1615	12	1.96	14	920	26	4.34	17	152	0.3	144	30	108	10
JM RC-06-04	122	124	101622	EXT	0.011	1.2	0.6	5	140	1.2	2	3.01	0.5	17	31	108	5.12	1.97	2.39	1115	11	2.28	12	930	8	3.6	21	348	0.33	131	30	193	10
JM RC-06-04	124	126	101623	EXT	0.011	0.9	0.28	5	150	1.3	2	2.72	0.5	16	28	148	5.42	1.56	1.88	1150	12	1.82	9	870	6	4.38	21	291	0.25	132	30	82	10
JM RC-06-04	126	128	101624	EXT	0.012	0.5	7.67	5	100	1.9	2	2.57	0.5	17	38	78	5.21	1.8	1.77	923	9	1.72	9	870	2	4.79	19	162	0.28	130	30	71	10
JM RC-06-04	128	130	101625	EXT	0.014	0.5	0.16	5	240	1.2	2	3.33	0.5	17	24	91	4.65	1.62	1.78	995	12	2.01	11	880	3	2.37	18	276	0.24	126	30	100	10
JM RC-06-04	130	132	101626	EXT	0.02	0.5	0.95	5	350	1.1	2	3.23	0.5	14	31	218	4.29	0.85	1.74	1080	10	1.96	12	750	16	1.76	13	226	0.35	128	30	268	20
JM RC-06-04	132	134	101627	EXT	0.014	0.5	0.79	5	210	1.2	2	3.19	0.5	16	29	95	4.6	1.36	1.98	828	10	2.1	11	860	4	2.56	14	206	0.36	127	30	104	10
JM RC-06-04	134	136	101628	ORG	0.019	1.2	1.87	6	110	1.3	2	2.62	0.5	15	38	86	4.62	1.18	1.57	843	10	2.08	11	840	4	2.84	11	211	0.32	122	30	82	10
JM RC-06-04	136	138	101630	EXT	0.014	0.5	1.61	5	95	1.6	2	3.29	0.5	16	39	123	5.43	1.61	2.11	1085	13	2.73	14	1110	3	3.14	16	328	0.44	158	30	185	10
JM RC-06-04	138	140	101631	EXT	0.013	0.5	0.42	5	160	1.5	2	3.71	0.5	17	31	122	5.36	1.75	2.12	1095	11	2.45	16	1030	2	2.05	18	317	0.43	152	30	82	10
JM RC-06-04	140	142	101632	EXT	0.014	1.8	0.34	5	190	1.3	2	3.91	0.5	16	29	102	5.27	1.45	2.09	1075	13	2.52	18	1000	4	2.04	19	325	0.41	142	30	79	10
JM RC-06-04	142	144	101633	EXT	0.015	0.5	0.79	5	120	1.8	2	3.4	0.5	22	36	98	6.27	1.46	2.42	1085	14	2.37	21	1080	2	4.54	23	288	0.4	148	30	71	10
JM RC-06-04	144	146	101634	EXT	0.011	0.5	11.15	5	280	1.6	2	3.65	0.5	18	37	117	5.67	2.09	2.51	1130	14	3.33	18	1180	2	3.31	27	382	0.48	174	30	150	20
JM RC-06-04	146	148	101635	EXT	0.011	0.5	11.2	5	210	1.6	2	4.5	0.5	17	34	85	5.11	1.8	2.47	1180	14	3.34	14	1210	2	1.53	23	436	0.5	172	30	97	10
JM RC-06-04	148	150	101636	EXT	0.007	1.2	11.55	6	240	1.7	2	4.47	0.5	22	34	86	6.23	2.34	2.85	1230	15	3.67	13	1280	2	1.64	28	458	0.54	187	30	87	10
JM RC-06-04	150	152	101637	EXT	0.018	1.2	0.86	5	210	1.4	2	6.11	0.5	26	74	142	7.27	1.13	4.48	2030	15	1.91	136	2600	5	2.36	24	348	0.68	184	30	191	10
JM RC-06-04	152	154	101638	EXT	0.017	0.5	0.38	10	160	1.4	2	4.9	0.5	25	74	124	6.51	1.5	2.97	1330	13	2.65	61	1760	3	3.21	22	318	0.61	164	30	117	10
JM RC-06-04	154	156	101639	EXT	0.011	1	0.59	5	210	1.4	2	4.12	0.5	20	57	98	5.65	1.33	2.56	1245	14	2.64	21	1080	2	2.15	28	327	0.48	178	30	108	10
JM RC-06-04	156	158	101640	EXT	0.009	0.5	0.38	5	200	1.3	2	4.22	0.5	16	32	95	5.37	1.44	2.66	1605	14	2.48	13	1080	3	1.71	24	311	0.42	150	30	87	10
JM RC-06-04	158	160	101641	EXT	0.011	1.1	0.65	6	110	1.4	2	5.62	0.5	22	33	108	6.82	1.8	2.34	1665	14	2.66	14	1080	2	2.61	28	325	0.44	158	30	182	10
JM RC-06-04	160	162	101642	EXT	0.014	0.5	0.43	5	150	1.4	2	4.06	0.5	17	30	114	5.35	1.66	2.12	1175	13	2.32	13	980	2	2.64	26	283	0.42	145	30	102	10
JM RC-06-04	162	164	101643	EXT	0.022	0.5	0.68	5	90	1.4	2	4.31	0.5	16	32	147	5.88	1.6	2.26	1120	14	2.14	13	1080	12	4.08	26	243	0.4	147	30	121	10
JM RC-06-04	164	166	101644	EXT	0.011	1.3	0.1	5	70	1.2	2	3.12	0.5	15	27	75	4.62	1.33	1.8	854	13	1.96	10	880	4	2.98	21	207	0.34	138	30	91	10
JM RC-06-04	166	168	101645	EXT	0.01	0.5	7.44	5	170	1.2	2	3.06	0.5	15	24	66	4.4	1.36	1.47	882	10	1.62	11	820	15	2.1	18	162	0.38	134	30	91	10
JM RC-06-04	168	170	101646	EXT	0.008	0.5	7.84	5	150	1.3	2	3.29	0.5	20	27	58	4.78	1.24	1.76	717	11	1.66	12	850	2	2.13	19	244	0.36	142	30	84	10
JM RC-06-04	170	172	101647	EXT	0.009	0.5	6.09	5	260	1.2	2	3.08	0.5	16	28	72	4.49	1.27	1.86	762	13	1.7	10	860	2	2.61	23	229	0.36	131	30	54	10
JM RC-06-04	172	174	101648	EXT	0.008	0.5	0.24	5	310	1.4	2	3.67	0.5	17	33	81	5.9	1.32	2.1	921	14	2.25	16	1040	2	2	30	279	0.4	146	30	61	10
JM RC-06-04	174	176	101649	EXT	0.008	0.5	0.38	5	200	1.2	2	3.74	0.5	16	36	88	4.96	1.1	1.88	688	12	1.66	11	840	3	2.11	18	238	0.36	143	30	82	10
JM RC-06-04	176	178	101650	EXT	0.008	0.5	0.32	5	80	1.3	2	3.52	0.5	14	27	90	5.06	1.4	1.9	827	13	1.91	13	880	2	2.68	18	251	0.39	143	30	73	10
JM RC-06-04	178	180	101651	ORG	0.015	1.2	0.68	10	130	1.3	2	3.81	0.5	14	29	204	5.45	1.62	2.14	1340	12	1.15	9	1040	40	4.18	19	284	0.44	144	30	113	20
JM RC-06-04	180	182	101653	EXT	0.045	5	0.72	30	40	1.3	2	2.71	0.5	15	31	388	7.65	3.11	2.18	1790	15	0.51	14	970	42	6.16	30	94	0.35	146	30	150	20
JM RC-06-04	182	184	101654	EXT	0.027	1.7	0.37	5	60	1.3	2	2.06	0.5	12	34	288	6.67	3.19	2.08	1315	13	0.08	16	1810	15	6.78	22	71	0.35	198	30	166	20
JM RC-06-04	184	186	101655	EXT	0.029	1.2	0.98	5	150	1.6	2	4.46	0.5	25	36	158	6.59	1.18	2.53	1685	14	1.62	16	1520	17	4.81	36	248	0.56	154	30	164	20
JM RC-06-04	186	188	101656	EXT	0.016	0.6	0.46	5	110	1.3	2	3.09	0.5	16	29	79	4.74	1.24	1.94	1279	11	1.68	12	1160	3	1.8	18	208	0.43	146	30	112	10
JM RC-06-04	188	190	101657	EXT	0.017	1.2	0.31	5	140	1.4	2	3.43	0.5	16	30	78	5.08	1.65	2.05	1060	11	1.97	12	1140	4	3.11	21	242	0.45	164	30	106	10
JM RC-06-04	190	192	101658	EXT	0.017	1.5	0.05	5	360	1.3	2	3.57	0.5	16	35	117	4.61	1.56	2.15	1345	13	2.64	15	1000	4	2.73	15	273	0.43	146	30	136	10
JM RC-06-04	192	194	101659	EXT	0.021	1.5	0.74	12	270	1.4	2	3.71	0.5	15	34	102	4.75	1.91	2	1295	17	1.85	10	1080	14	2.81	24	225	0.42	198	30	246	10
JM RC-06-04	194	196	101660	EXT	0.024	1.1	0.63	9	300	1.1	2	4.09	0.5	15	30	82	5.55	1.36	1.69	1323	14	2.28	10	1360	29	3.1	23	274	0.57	134	30	142	10
JM RC-06-04	196	198	101661	EXT	0.016	1.3	0.39	5	260	1.2	2	4.54	0.5	18	38	89	6.47	1.42	2.29	1915	12	2.17	12	1570	18	5.27	27	267	0.5	148	30	136	10
JM RC-06-04	198	200	101662	EXT	0.016	0.6	0.16	5	850	1.5	2	4.44	0.5	18	31	48	5.29	1.42	2.11	1255	13	2.45	13	970	17	1.83	21	238	0.41	156	30	129	10
JM RC-06-04	200	202	101663	EXT	0.013	0.7	0.58	14	330	1.5	2	4.1	0.5	19	29	95	5.01	1.48	1.93	1175	13	2.28	15	1160	22	1.68	18	298	0.45	151	30	139	10
JM RC-06-04	202	204	101664	EXT	0.011	0.7	0.54	7	410	1.4	2	4.23	0.5	18	33	44	5.76	1.78	2.17	1465	16	2.58	36	1080	39	1.84	23	325	0.44	158	30	111	10
JM RC-06-04	204	206	101665	EXT	0.151	1.3	9.23	5	90	1.4	3	4.55	2.6	19	49	82	5.43	2.19	2.82	2980	19	2.11	14	1100	148	2.84	18	236	0.44	198	30	953	10
JM RC-06-04	206	208	101666	EXT	0.026	0.5	0.14	5	270	1.5	3	4.39	0.5	20	32	63	5.5	1.66	2	1385	14	1.26	15	1020	38	2.4	28	287	0.45	162	30	160	10
JM RC-06-04	208	210	101667	EXT	0.011	0.7	0.66	4	70	1.4	2	5.35	0.5	30	36	78	6.43	1.67	2.2	1195	15	2.61	14	1480	27	5.83	39	236	0.58	153	30	132	10
JM RC-06-04	210	212	101668	EXT	0.014	0.6	10.7	35	230	1.5	3	5.88	0.5	23	37	82	6.31	1.93	2.64	1835	16	3.16	17	1730	7	9.83	40	347	0.49	187	30	196	10
JM RC-06-04	212	214	101669	EXT	0.031	1.5	10.4	5	60	1.6	3	5.38	0.5	21	32	95	6.76	1.87	2.39	1120	14	2.84	13	1740	6	8.84	21	211	0.58	168	30	91	10
JM RC-06-04	214	216	101670	EXT	0.023	0.8	10.7	9	100	1.6	2	3.44	0.5	21	31	85	5.55	2.12	2.58	1770	16	3.39	16	1640	13	9.39	34	219	0.68	168	30	114	20
JM RC-06-04	216	218	101671	EXT	0.082	1.7	9.46	16	160	1.6	3	3.21	0.5	22	43	200	6.12	1.8	2.43	1160	18	3	15	1560	12	4.56	16	160	0.67	197	30	136	30
JM RC-06-04	218	220	101672	EXT	0.023	1.1	9.33	5	300	1.7	3	3.61	0.5	18	31	164	5.14	2	2.11	1095	13	2.76	11	1680	9	5.35	29	236	0.66	165	30	83	10
JM RC-06-04	220	222	101673	EXT	0.028	0.6	9.36	5	300	1.8	3	4.17	0.5	19	39	112	4.98	1.31	2	1060	13	3	11	1620	8	2.4	22	383	0.66	165	30	97	10
JM RC-06-04	222	224	101674	EXT	0.028	1.4	10.5	5	230	1.8	2	4.08	0.5	19	39	124	5.77	2.06	2.27	1290	20	3.03	30	1300	18	5.04	19	286	0.56	172	30	130	10
JM RC-06-04	224	226	101675	EXT	0.038	1.2	10.75	16	210	1.9	2	4.5	0.5	27	47	139	6.25	2.04	2.47	1395	19	2.96	27	1370	22	5.79	28	317	0.6	179	30	178	10
JM RC-06-04	226	228	101676	ORG	0.037	1	10.6	12	80	1.7	2	3.56	3.4	24	51	91	6.43	2.49	2.53	1230	18	3.24	21	1080	318	5.49	27	278	0.6	174	30	825	20
JM RC-06-04	228	230	101678	EXT	0.032	1.2	10.5	5	80	1.8	2	3.39	2.8	27	60	58	6.2	2.57	2.81	1380	19	2.86	20	1000	291	7.63	27	182	0.46	179	30	476	20
JM RC-06-04	230	232	101679	EXT	0.029	0.9	11.65	15	500	1.8	2	3.19	1.4	19	37	68	4.54	1.84	1.95	1195	19	2.83	7	860	148	5.49	29	277	0.36	88	30	368	20
JM RC-06-04	232	234	101680	EXT	0.024	1	11.7	5	310	1.8	2	3.55	0.5	19	34	83	5.77	2.05	2.29	1290	17	3.09	14	1080	265	5.69	27	283	0.56	122	30	529	20
JM RC-06-04	234	236	101681	EXT	0.018	1.2	10.95	5	140	1.8	2	4.44	0.5	14	37	84	6.11	1.88	2.54	1275	15	2.87	15	1170	32	4.52	26	284	0.46	166	30	112	10
JM RC-06-04	236	238	101682	EXT	0.023	0.6	10.9	5	420	1.4	2	4.86	0.5	17	29	86	5.43	1.77	2.21	1120	13	3.41	14	1110	9	2.56	19	348	0.46	164	30	71	10
JM RC-06-04	238	240	101683	EXT	0.016	0.6	8.44	5	360	1.3	2	3.7	0.5	19	29	95	5.04	1.53	1.96	841	12	2.64	15	810	3	2.62	19	344	0.39	137	30	59	10
JM RC-06-04	240	242	101684	EXT	0.016	0.6	9.31	6	540	1.4	2	4.54	0.5	18	31	113	4.75	1.8	2.13	1000	14	2.66	12	950	2	3.68	24	284	0.42	148	30	93	10
JM RC-06-04	242	244	101685	EXT	0.05	1.3	9.71	7	180	1.4	2	3.88	0.5	16	31	87	4.91	1.1	1.96	744	11	2.71	15	850	10	5.49	12	347	0.4	137	30	89	10
JM RC-06-04	244	246	101686	EXT	0.052	0.6	9.54	14	180	1.3	2	3.51	0.5	18	22	108	4.85	1.2	1.88	736	12	3.28	12	900	4	4.03	22	256	0.37	116	30	46	10
JM RC-06-04	246	248	101687	EXT	0.017	0.6	0.38	5	290	1.8	2	3.03	0.5	12	19	66	3.7	1.22	1.3	668	11	2.46	7	820	3	2.78	18	307	0.29	84	30	77	10
JM RC-06-04	248	250	101688	EXT	0.014	1	8.91	7	270	1.8	2	2.91	0.5	13	25	276	4.72	1.21	1.42	626	12	3.06	8	710	5	4.17	16	179	0.32	84	30	67	10
JM RC-06-04	252	254	101689	EXT	0.02	0.5	9.39	14	210	1.4	2	2.32	0.5	15	21	140	5.5	1.19	1.34	564	12	2.92	8	690	2	5.88	14	154	0.27	84	30	67	10
JM RC-06-04	254	256	101690	EXT	0.026	0.6	9.66	8	310	1.8	2	1.74	0.5	12	8	95	1.95	1.95	0.49	407	10	1.52	6	280	2	1.71	11	98	0.13	21	30	82	10
JM RC-06-04	256	258	101691	EXT	0.014	0.5	7	6	400	1.8	2	1.74	0.5	25	14	48	2.47	1.7	0.52	421	9	1.7	6	270	6	2.25	7	82	0.13	21	110	46	10
JM RC-06-04	258	260	101692	EXT	0.036	0.7	8.14	6	210	1.4	2	1.54	0.5	31	9	108	4.07	1.84	0.45	350	10	0.66	15	220	6	4.28	15	47	0.11	20	70	61	10
JM RC-06-04	260	262	101693	EXT	0.018	0.5	6.02	6	360	1.5	2	2.23	0.5	101	12	51	2.38	2.02	0.4	425	10	1.92	25	230	11	2.23	14	44	0.13	21	30	52	10
JM RC-06-04	262	264	101694	EXT	0.016	0.7	5.77	5	370	1.2	2	2.53	0.5	83	11	34	2.75	1.53	0.43	462	11	1.71	23	270	12	2.22	16	86	0.14	24	30	36	10
JM RC-06-04	264	266	101695	EXT	0.03	0.5	6.98	5	300	1.4	2	2.76	0.5	7	9	44	2.75	1.17	0.73	553	6	2.02	4	260	6	2.17	9	116	0.15	36	30	46	10
JM RC-06-04	266	268	101696	EXT	0.007	0.5	7.03	5	320	1.5	2	2.06	0.5	2	8	30	1.79	1.22	0.8	384	6	2.13	7	400	10	1.72	8	103	0.16	22	30	46	10
JM RC-06-04	268	270	101697	EXT	0.007	0.5	6.33	5	360	1.5	2	2.05	0.5	6	11	17	1.54	1.18	0.54	381	6	1.88	4	320	11	0.83	5	66	0.15	25	30	36	10
JM RC-06-04	270	272	101698	EXT	0.017	0.5	5.46	6	380	1.5	2	1.97	0.5	5	7	18	1.26	1.3	0.37	328	6	1.52	4	230	7	0.89	5	61	0.14	19	30	36	10
JM RC-06-04	272	274	101699	EXT	0.017	0.5	5.95	12	270	1.5	2	2.18	0.5	6	7	17	1.8	1	0.5	344	7	1.73	2	330	7	1.02	11	102	0.14	34	30	36	10
JM RC-06-04	274	276	101700	ORG	0.007	0.5	5.83	8	250	1.5	2	2.3	0.5	7	6	18	1.92	0.85	0.52	358	7	1.56	4	240	5	1.46	8	103	0.12	21	30	36	10
JM RC-06-04	276	278	101702	EXT	0.008	0.5	5.87	5	260	1.5	2	2.21	0.5	4	7	13	1.37	0.84	0.41	318	7	1.72	1	230	8	0.83	6	118	0.13	18	30	43	10
JM RC-06-04	278	280	101703	EXT	0.008	0.7	6.3	6	280	1.5	2	2.33	0.5	4	8	18	1.64	0.95	0.58	397	8	1.92	5	240	6	0.82	6	124	0.13	17	30	43	10
JM RC-06-04	280	282	101704	EXT	0.008	0.5	5.36	5	270	1.8	2	2.34	0.5	7	9	14	1.25	0.66	0.36	317	9	2.22	4	260	9	0.97	7	140	0.13	18	30	46	10
JM RC-06-04	282	284	101705	EXT	0.008	0.6	6.38	5	340	1.6	2	2.31	0.5	4	9	25	1.3	1.02	0.32	331	8	2.13	2	270	9	0.77	6	149	0.13	15	30	46	10
JM RC-06-04	284	286	101706	EXT	0.008	0.5	4.5	5	270	1.7	2	1.92	0.5	16	17	36	1.27	0.94	0.36	284	8	2.44	7	260	11	0.75	6	163	0.13	18	30	46	10
JM RC-06-04	286	288	101707	EXT	0.008	0.5	5.69	5	300	1.4	2	1.56	0.5	7	13	17	1.14	1.24	0.24	368	7	1.82	5	190	9	0.66	6	128	0.11	19	30	43	10
JM RC-06-04	288	290	101708	EXT	0.008	0.5	5.82	5	340	1.4	2	1.78	0.5	5	7	22	1.12	1.09	0.24	648	6	1.36	1	210	42	0.61	11	65	0.11	14	30	43	10
JM RC-06-04	290	292	101709	EXT	0.007	0.7	5.79	5	310	1.2	2	1.42	0.5	8	8	36	1.31	1.78	0.32	535	8	1.3	4	240	12	0.83	7	78	0.1	17	30	46	10
JM RC-06-04	292	294	101710	EXT	0.031	1.3	6.43	5	430	1.1	2	2.1	2.2	11	13	76	2.39	1.99	0.84	998	10	1.6	3	330	89	2.12	15	47	0.24	80	30	296	30
JM RC-06-04	294	296	101711	EXT	0.1	1.6	6.97	6	80	1.5	2	3.42	3.4	17	22	112	4.05	2.64	1.22	2710	12	1.88	14	860	377	3.51	30	127	0.4	116	30	538	20
JM RC-06-04	296	298	101712	EXT	0.029	1.4	6.21	6	70	1.3	2	3	0.5	14	24	116	4.4	2.45	1.56	1435	13	1.87	14	860	52	4.21	21	94	0.42	126	30	302	20
JM RC-06-04	298	300	101713	EXT	0.019	1.2	6.43	5	130	1.2	2	2.44	0.5	11	20	152	3







RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_pak
JM RC-08-04	8	9	182066 EXT		0.248	1.2	7.4	9	580	1.5	12	0.17	1.1	13	30	1875	5.2	2.48	1.61	681	91	1.28	17	640	24	0.04	5	132	0.31	116	10	164	20
JM RC-08-04	9	10	182068 EXT		0.276	1	7.43	12	680	1.4	11	0.15	1.2	14	29	1640	5.8	2.42	1.44	669	52	1.06	18	640	22	0.05	5	144	0.38	124	10	216	20
JM RC-08-04	10	12	182067 EXT		0.295	1.2	7.38	8	540	1.3	12	0.16	1.3	13	28	5860	4.77	2.12	1.61	632	36	1.04	18	660	16	0.06	5	136	0.3	113	10	168	20
JM RC-08-04	12	14	182068 EXT		0.263	1.1	7.3	5	520	1.3	10	0.31	2	12	25	5180	4.66	2.2	1.48	666	41	1.16	18	716	17	0.04	5	138	0.34	102	10	222	20
JM RC-08-04	14	16	182069 EXT		0.214	1.1	7.33	17	600	1.3	11	0.22	1.7	15	24	5100	4.46	2.41	1.53	650	23	1.78	19	700	16	0.03	5	152	0.27	108	10	225	20
JM RC-08-04	16	18	182070 EXT		0.258	0.8	6.86	15	560	1.5	6	0.14	1.5	15	32	2620	5.25	2.61	1.56	644	27	1.67	20	970	14	0.01	5	106	0.36	113	10	161	20
JM RC-08-04	18	20	182071 EXT		0.214	1.1	7.21	13	580	1.3	7	0.15	1.3	14	27	4260	4.79	2.48	1.6	646	23	1.44	19	640	15	0.03	5	117	0.26	118	10	213	20
JM RC-08-04	20	22	182072 EXT		0.326	1.1	8.54	15	610	1.5	8	0.12	1.2	14	24	1760	4.56	2.89	1.34	705	46	0.49	17	660	19	0.03	5	66	0.34	107	10	208	20
JM RC-08-04	22	24	182073 EXT		0.23	1	6.78	11	540	1.4	9	0.12	1.4	13	29	3450	4.8	2.37	1.38	533	57	1.54	16	616	18	0.04	5	108	0.38	106	10	156	20
JM RC-08-04	24	26	182074 EXT		0.236	1	7.04	9	660	1.4	10	0.43	1.1	12	28	6060	4.85	2.36	1.42	491	34	1.9	19	630	18	0.42	5	134	0.26	112	10	186	20
JM RC-08-04	26	28	182075 EXT		0.257	1	6.44	13	540	1.3	7	2.57	1.8	14	23	8140	4.04	2.25	1.21	668	41	1.46	19	600	16	2.3	5	204	0.27	86	10	171	20
JM RC-08-04	28	30	182076 EXT		0.224	0.8	6.83	12	650	1.3	10	1.8	1.4	13	29	4860	4.43	2.15	1.44	639	34	2.14	18	670	15	1.5	5	168	0.29	107	10	176	20
JM RC-08-04	30	32	182077 EXT		0.201	0.6	6.93	11	360	1.2	8	2.51	1.3	11	28	2640	4.46	1.86	1.66	529	25	2.51	18	640	15	1.85	5	248	0.29	112	10	116	20
JM RC-08-04	32	34	182078 ORG		0.14	0.8	7.24	6	530	1.3	5	1.1	1.7	14	29	2640	4.18	2.09	1.62	600	22	2.21	18	670	20	0.88	5	136	0.31	115	10	201	20
JM RC-08-04	34	36	182080 EXT		0.214	0.5	6.75	15	1720	1.5	10	0.58	1	9	16	1755	3.55	2.36	1.01	408	56	2.85	16	360	14	0.39	5	133	0.13	86	10	102	20
JM RC-08-04	36	38	182081 EXT		0.131	0.7	6.88	11	360	1.2	6	1.82	1.8	25	24	3250	4.21	1.78	1.38	1136	24	2.4	18	660	19	1.36	5	251	0.28	87	10	220	30
JM RC-08-04	38	40	182082 EXT		0.111	0.8	6.96	7	350	1.2	6	1.47	1.6	17	29	2710	4.48	1.99	1.37	791	19	2.46	16	660	17	0.93	5	163	0.27	108	10	188	30
JM RC-08-04	40	42	182083 EXT		0.265	1	5.85	7	440	1.1	4	0.87	1	12	25	3660	4.16	1.85	1.53	634	47	1.53	14	530	22	0.63	5	114	0.34	86	10	175	20
JM RC-08-04	42	44	182084 EXT		0.181	0.8	6.93	7	430	1.2	11	1.71	2.1	17	29	5860	4.57	1.97	1.51	736	39	2.15	19	680	22	1.34	5	213	0.22	108	10	185	20
JM RC-08-04	44	46	182085 EXT		0.268	0.9	6.99	11	410	1.2	10	0.7	1.8	14	27	8880	4.21	2.1	1.48	567	34	2.36	19	660	16	0.96	5	138	0.23	114	10	156	20
JM RC-08-04	46	48	182086 EXT		0.267	1.1	6.94	6	520	1.2	13	0.86	1.3	13	26	6540	4.44	2.11	1.57	479	37	1.83	17	630	20	0.79	5	188	0.27	108	10	143	20
JM RC-08-04	48	50	182087 EXT		0.158	1.1	7.21	10	530	1.4	9	0.4	1	13	27	958	4.38	2.43	1.64	660	64	1.36	17	640	19	0.2	5	141	0.26	116	10	176	20
JM RC-08-04	50	52	182088 EXT		0.176	1.1	7.18	13	640	1.5	8	0.57	1.3	12	27	1515	4.06	2.28	1.63	585	64	1.34	17	670	16	0.36	5	133	0.27	107	10	164	20
JM RC-08-04	52	54	182089 EXT		0.226	0.8	6.74	12	600	1.3	6	2.57	1.6	11	29	5580	3.98	2.11	1.42	631	35	2.16	16	640	19	3.14	5	218	0.29	116	10	164	20
JM RC-08-04	54	56	182090 EXT		0.184	0.7	6.73	5	460	1.2	5	2.41	2.2	13	29	9880	3.67	2.16	1.36	737	61	1.85	15	630	14	1.88	5	188	0.27	89	10	256	30
JM RC-08-04	56	58	182091 EXT		0.193	0.8	6.87	6	360	1.3	5	1.46	1.2	14	31	3495	4.63	2.26	1.84	668	105	1.82	18	640	16	1.08	5	164	0.36	122	10	160	20
JM RC-08-04	58	60	182092 EXT		0.172	0.8	6.78	5	440	1.3	6	0.35	0.9	11	28	1400	4.04	1.84	1.46	516	34	2.56	17	610	21	0.05	5	164	0.39	116	10	137	20
JM RC-08-04	60	62	182093 EXT		0.162	1.1	7.56	7	570	1.4	9	0.28	1.1	10	30	1985	4.36	2.26	1.57	968	56	2.06	17	650	43	0.01	5	165	0.35	116	10	190	20
JM RC-08-04	62	64	182094 EXT		0.224	1.1	6.96	5	600	1.3	10	0.43	1.2	11	33	1270	5.46	2.15	1.58	688	33	2.61	20	720	16	0.01	5	118	0.32	129	10	140	20
JM RC-08-04	64	66	182095 EXT		0.188	0.7	7.15	5	560	1.3	5	0.54	1.1	14	30	1270	4.29	2.19	1.67	574	15	2.53	18	760	20	0.01	5	143	0.34	134	10	152	20
JM RC-08-04	66	68	182096 EXT		0.175	0.8	7.25	12	560	1.4	9	0.42	1.1	14	29	1975	5.01	2.19	1.66	636	29	2.22	19	630	17	0.04	5	109	0.34	136	10	169	20
JM RC-08-04	68	70	182097 EXT		0.164	0.8	6.88	5	410	1.5	9	0.28	1.3	16	36	3070	4.62	1.89	1.57	576	96	2.47	16	670	27	0.04	5	124	0.29	124	10	167	20
JM RC-08-04	70	72	182098 EXT		0.316	1	7.38	11	640	1.5	8	0.37	1.1	16	29	2140	5.29	2.28	1.47	638	160	1.98	15	710	122	0.18	5	123	0.36	142	10	249	30
JM RC-08-04	72	74	182099 EXT		0.254	1.3	7.62	8	660	1.5	10	0.29	1.1	16	29	2130	5.46	1.67	1.43	667	62	2.4	20	730	56	0.14	5	133	0.29	126	10	267	30
JM RC-08-04	74	76	182100 EXT		9.3	3.9	4.78	11	420	1.5	29	4.26	1.1	6	27	20500	5.76	1.92	1.09	741	191	1.94	11	670	651	0.47	5	129	0.22	111	10	214	140
JM RC-08-04	76	78	182101 EXT		0.22	1	7.45	10	620	1.5	8	0.19	1.1	11	25	1565	5.14	2.45	1.18	527	66	0.91	15	740	18	0.03	5	62	0.25	136	10	186	20
JM RC-08-04	78	80	182102 EXT		0.293	0.7	7	11	660	1.6	7	0.15	1.2	12	24	2770	4.4	2.01	1.4	504	65	1.5	17	670	16	0.01	5	83	0.25	138	10	170	20
JM RC-08-04	80	82	182103 EXT		0.17	0.6	7.4	9	660	1.4	5	0.18	1.2	13	31	1690	4.66	2.26	1.51	413	36	1.91	18	730	15	0.01	5	108	0.21	138	10	112	20
JM RC-08-04	82	84	182104 EXT		0.144	0.6	7.44	12	540	1.4	6	0.27	1.2	14	31	1915	5.16	1.76	1.74	498	29	2.08	19	720	22	0.01	5	121	0.29	138	10	136	20
JM RC-08-04	84	86	182105 EXT		0.164	0.6	7.64	6	520	1.4	6	0.3	1	14	30	1185	4.88	1.86	1.67	541	22	2.91	17	760	14	0.01	5	118	0.25	139	10	136	20
JM RC-08-04	86	88	182106 EXT		0.186	0.8	7.64	12	530	1.5	6	0.34	1.2	14	32	1385	4.99	2.2	1.72	489	29	2.71	19	730	19	0.01	5	138	0.27	132	10	138	20
JM RC-08-04	88	90	182107 ORG		0.212	0.7	7.4	5	540	1.5	6	0.29	0.9	13	25	1575	4.29	2.19	1.6	536	34	2.1	15	620	15	0.01	5	117	0.25	118	10	136	20
JM RC-08-04	90	92	182108 EXT		0.234	0.9	7.78	6	580	1.5	6	0.24	1.1	14	29	2110	4.64	2.59	1.61	469	56	2.39	18	660	14	0.01	5	102	0.26	152	10	160	20
JM RC-08-04	92	94	182109 EXT		0.191	0.9	7.43	7	610	1.3	6	0.29	1.4	15	116	1700	5.14	1.96	1.79	588	89	2.25	21	1120	19	0.01	5	124	0.23	146	10	185	20
JM RC-08-04	94	96	182110 EXT		0.244	0.9	7.94	15	580	1.6	8	0.24	0.9	14	65	2220	4.84	2.12	1.7	592	60	1.98	15	710	16	0.02	5	84	0.25	140	10	147	20
JM RC-08-04	96	98	182111 EXT		0.211	1.1	7.47	6	450	1.5	10	0.27	1	14	57	10600	4.41	2.16	1.33	443	152	0.7	16	650	18	0.33	5	96	0.25	103	10	168	30
JM RC-08-04	98	100	182112 EXT		0.328	1.3	7.47	6	450	1.5	10	0.27	1	14	57	10600	4.41	2.16	1.33	443	152	0.7	16	650	18	0.33	5	96	0.25	103	10	168	30
JM RC-08-04	100	102	182113 EXT		0.139	0.8	7.67	10	540	1.6	8	0.3	0.8	13	58	3770	5.08	2.13	1.56	485	76	1.56	17	680	9	0.02	5	77	0.23	126	10	168	20
JM RC-08-04	102	104	182114 EXT		0.23	0.7	7.96	10	530	1.7	8	0.26	1.2	17	124	3740	5.53	2.17	1.79	600	80	2.09	18	660	11	0.01	5	84	0.34	142	10	180	20
JM RC-08-04	104	106	182115 EXT		0.183	0.7	7.63	6	730	1.5	5	0.21	1.2	14	86	3700	5.06	2.23	1.5	688	86	1.6	17	680	11	0.01	5	77	0.35	134	10	174	20
JM RC-08-04	106	108	182116 EXT		0.186	1.2	7.66	6	600	1.5	10	0.19	1.1	11	76	5140	4.61	2.21	1.11	572	140	0.73	14	730	21	0.13	5	34	0.2	116	10	167	20
JM RC-08-04	108	110	182117 EXT		0.271	1	7.65	10	750	1.6	8	0.16	1.3	14	63	2110	5.74	2.14	1.43	757	110	0.62	17	660	43	0.13	5	99	0.21	134	10	168	20
JM RC-08-04	110	112	182118 EXT		0.175	1	7.91	7	570	1.7	7	0.29	1.4	15	116	1700	5.14	1.96	1.79	588	89	2.5	20	630	19	0.01	5	124	0.23	146	10	185	20
JM RC-08-04	112	114	182119 EXT		0.244	0.9	7.94	15	580	1.6	8	0.24	0.9	14	65	2220	4.84	2.12	1.7	592	60	1.98	15	710	16	0.02	5	84	0.25	140	10	147	20
JM RC-08-04	114	116	182120 EXT		0.194	1.2	8.23	8	660	1.3	9	0.21	0.9	12	63	1695	3.76	2.11	1.26	774	108	3.34	15	630	33	0.03	5	66	0.2	84	10	178	30
JM RC-08-04	116	118	182121 EXT		0.157	0.6	6.56	5	790	1.1	3	0.12	0.5	7	192	946	2.7	2.5	0.79	602	56	2.48	13	590	31	0.03	5	66	0.12	64	10	145	20
JM RC-08-04	118	120	182122 EXT		0.141	0.9	6.67	17	670	1.2	7	0.14	0.8	8	63	1280	2.74	2.36	0.87	538	88	1.89	7	520	39	0.04	5	60	0.13	60	10	137	20
JM RC-08-04	120	122	182123 EXT		0.146	0.8	7.74	11	680	1.4	7	0.3	1.2	15	42	2200	4.56	2.19	1.66	1324	157	1.81	8	1100	29	0.01	5	72	0.37	108	10	146	20
JM RC-08-04	122	124	182124 EXT		0.216	0.8	7.76	7	650	1.5	5	0.2	1	13	115	1790	4.81	2.36	1.7	581	79	1.52	15	660	14	0.01	5	57	0.35	122	10	152	20
JM RC-08-04	124	126	182125 EXT		0.236	0.8	7.25	7	630	1.5	5	0.17	1.2	14	86	1880	4.2	2.25	1.5	880	95	1.52	16	660	15	0.01	5	41	0.33	134	10	134	20
JM RC-08-04	126	128	182126 EXT		0.25	0.8	7.37	6	600	1.5	8	0.18	1.4	14	86	1858	3.94	2.89	1.58	517	77	1.76	14	630	12	0.01	5	63	0.23	122	10	153	20
JM RC-08-04	128	129	182127 EXT		0.153	0.9	7.66	9	640	1.4	7	0.3	1.1	12	109	1765	4.46	2.13	1.79	548	91	2.16	17	1050	9	0.01	5	86	0.23	135	10	112	20
JM RC-08-04	129	130	182128 ORG		0.191	0.7	7.47	9	600	1.5	6	0.27	1.1	12	37	1660	4.91	2.24	1.68	643	84	2.05	17	670	12	0.01	5	84	0.25	138	10	139	20
JM RC-08-04	130	132	182130 EXT		0.194	0.5	7.7	12	610	1.4	8	0.33	0.6	16	36	1485	4.46	1.95	1.75	557	63	2.52	22	640	12	0.01	5	97	0.28	136	10	115	20
JM RC-08-04	132	134	182131 EXT		0.177	0.7	7.71	5	560	1.4	11	0.29	1.1	13	33	1620	4.42	2.32	1.66	688	85	1.91	18	670	12	0.01	5	96	0.26	147	10	91	20
JM RC-08-04	134	136	182132 EXT		0.152	0.9	7.6	5	630	1.5	10	0.37	0.5	12	31	1275	4.46	1.87	1.66	580	72	2.31	17	660	16	0.01	6	55	0.28	137	10	116	20
JM RC-08-04	136	138	182133 EXT		0.223	1	6.86	27	610	1.4	4	0.14	0.9	9	31	1635	3.56	2.25	1.39	477	144	1.12	14	660	19	0.02	5	61	0.16	108	10	129	20
JM RC-08-04	138	140	182134 EXT		0.16	1	7.44	14	630	1.4	3	0.27	0.9	13	25	1675	3.78	2.13	1.59	491	93	2.62	10	730	13	0.09	5	100	0.27	126	10	104	20
JM RC-08-04	140	142	182135 EXT		0.213	0.6	7.5	16	760	1.5	6	0.29	1.1	13	26	1205	3.79	2.48	1.88	484	75	2.08	15	640	12	0.01	5	88	0.24	124	10	117	20
JM RC-08-04	142	144	182136 EXT		0.251	0.7	6.64	5	480	1.3	4	0.17	1.1	10	27	1330	3.66	2.87	1.39	416	175	1.54	16	660	79	0.02	5	51	0.19	112	10	145	20
JM RC-08-04	144	146	182137 EXT		0.272	0.8	7.43	9	530	1.6	10	0.19	1.1	11	30	1480	4.38	2.64	1.3	504	62	0.5	17	660	29	0.24	5	36	0.15	122	10	154	20
JM RC-08-04	146	148	182138 EXT		0.198	1	7.39	12	660	1.6	7	0.15	1.1	14	25	1110	4.25	2.48	1.48	491	122	0.79	14	600	14	0.03	5	37	0.15	122	10	143	20
JM RC-08-04	148	150	182139 EXT		0.309	0.8	6.91	5	460	1.3	7	0.15	1	9	22	1155	3.77	2.2	1.36	624	136	0.8	12	700	14	0.1	5	39	0.19	100	10	154	20
JM RC-08-04	150	152	182140 EXT		0.24	0.9	7.5	7	630	1.6	5	0.18	1.3	11	25	1285	4.39	2.54	1.36	616	112	1.18	12	640	15	0.14	5	81	0.18	119	10	144	20
JM RC-08-04	152	154	182141 EXT		0.278	0.8	7.34	5	620	1.5	7	1.54	1.2	11	25	2540	4.03	2.29	1.42	666	124	1.22	13	760	14	1.91	5	145	0.21	112	10	157	20
JM RC-08-04	154	156	182142 EXT		0.236	0.9	7.09	5	610	1.2	7	3.67	0.9	11	29	3540	3.31	2.12	1.52	766	63	1.29	11	720	17	3.75	5	242	0.21	116	10	104	20
JM RC-08-04	156	158	182143 EXT		0.174	0.8	7.23	5	560	1.2	9	2.47	0.8	13	29	2400	4.24	1.9	1.54	527	56	2.14	14	760	13	2.35	5	218	0.25	123	10	112	20
JM RC-08-04	158	160	182144 EXT		0.168	0.5	6.85	9	660	1.2	6	3.17	0.9	13	23	2400	3.85	1.9	1.52	580	126	1.96	13	730	10	2.59	5	248	0.23	110	10	116	20
JM RC-08-04	160	162	182145 EXT		0.173	0.7	7.08	14	510	1.3	5	3.71	1	13	28	2560	3.74	2.01	1.47	662	162	1.61	15	630	12	3.04	5	253	0.23	118	10	120	20
JM RC-08-04	162	164	182146 EXT		0.206	0.7	7.18	8	540	1.3	3	3.15	0.9	12	24	3040	3.51	1.95	1.49	715	162	1.64	16	740	34	2.54	5	234	0.23	113	10	120	20
JM RC-08-04	164	166	182147 EXT		0.163	1	7.81	8	510	1.3	6	3.27	0.9	11	26	2750	3.32	1.84	1.48	660	137	1.64	14	730	25	2.79	5	203	0.23	108	10	108	20
JM RC-08-04	166	168	182148 EXT		0.158	0.8	7.04	15	500	1.3	7	3.38	0.8	14	26	2230	3.66	1.86	1.56	630	91	1.36	15	760	8	3.64	5	204	0.22	116	10	88	20
JM RC-08-04	168	170	182149 EXT		0.21	0.5	7.36	9	570	1.6	5	3.65	0.7	14	12	3000	3.28	2.23	1.4	633	367	0.86	12	1160	13	5.16	10	200	0.06	66	10	84	60
JM RC-08-04	170	172	182150 EXT		0.277	2.1	7	42	660	1.4	5	3.12	2	15	21	5870	3.51	2.39	1.21	1410	287	0.26	18	660	86	3.28	58	147	0.16	114	10	261	40
JM RC-08-04	172	174	182151 EXT		0.236	1.9	7.18	14	610	1.5	6	3.34	0.8	14	27	3040	3.64	2.64	1.54	1385	195	0.28	21	660	19	3.67	9	177	0.15	128	10	153	30
JM RC-08-04	174	176	182152 EXT		0.166	0.7	7.6	10	560	1.4	6	3.24	1.2	12	24	2740	3.16	2.44	1.43	788	126	0.95	16	650	18	2.91	10	168	0.21	114	10	128	30
JM RC-08-04	176	178	182153 EXT		0.165	1.2	7.43	5	560	1.4	7	3.12	0.9	13	30	2950	3.79	2.41	1.56	1550	152	0.79	17	630	17	2.9	5	163	0.23	115	10	171	30
JM RC-08-04	178	180	182154 EXT		0.136	1	7.46	8	560	1.2	8	3.41	0.8	15	22	2480	3.8	2.46	1.52	1080	137	0.64	15	640	17	3.16	5	213	0.21	116	10	154	30
JM RC-08-04	180	182	182155 EXT		0.198	1	6.93	10	630	1.2	10	3.7	0.8	11	23	2160	3.96	1.96	1.48	1070	211	1.32	16	760	23	3.52	5	260	0.21	108	10	154	30
JM RC-08-04	182	184	182156 EXT		0.11	0.6	7.1	8	620	1.2	9	3.21	0.8	19	29	1965	3.79	1.9	1.58	1195	145	1.79	15	760	34	2.82	5	215	0.24	119	10	179	30
JM RC-08-04	184	186	182157 EXT		0.129	0.6	6.73	5	560	1.2	7	3.36	0.8	12	21	2140	3.49	1.86	1.37	751	182	1.06	13	710	14	3.11	5	210	0.21	106	10	110	30
JM RC-08-04	186	188	182158 EXT		0.161	0.6	7.52	5	660	1.4	10	3.79	1	14	23	2450	3.54	2.37	1.5	728	103	1.16	15	760	4	3.64	5	217	0.22	116	10	91	30
JM RC-08-04	188	190	182159 ORG		0.162	1.3	6.82	5	630	1.3	9	3.66	1.1	13	22	3520	3.56	2.25	1.38	768

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_f_ppb
JM RC-06-04	220	222	102176	EXT	0.106	0.5	0.13	15	630	1.5	6	2.57	1	11	25	2030	3.54	2.16	1.91	643	108	0.09	14	670	14	2.14	5	344	0.21	123	10	133	10
JM RC-06-04	222	224	102177	EXT	0.173	0.9	6.67	9	670	1.4	2	3.37	0.8	14	33	2660	3.14	3.4	1.51	643	186	0.72	14	640	12	3.34	5	198	0.14	108	10	100	10
JM RC-06-04	224	226	102178	EXT	0.163	0.7	7.65	7	650	1.2	3	3.61	0.7	14	25	2660	3.6	3.77	1.64	814	122	1.7	15	800	13	3.6	5	208	0.2	134	10	82	10
JM RC-06-04	226	228	102179	EXT	0.172	0.7	7.91	7	660	1.5	7	3.68	0.7	14	24	2960	3.12	3.29	1.46	926	166	0.56	15	860	21	3.16	5	177	0.14	151	10	83	10
JM RC-06-04	228	230	102180	EXT	0.175	0.5	6.48	9	480	1.5	10	1.61	0.7	24	18	2660	4.26	1.98	2.11	917	142	1.16	19	2200	7	1.67	5	169	0.3	108	10	67	10
JM RC-06-04	230	232	102181	EXT	0.112	0.6	6.45	12	580	1.6	7	1.8	1.1	33	52	2180	5.14	1.82	3.39	725	130	0.49	75	680	9	2.35	5	129	0.28	191	10	73	10
JM RC-06-04	232	234	102182	EXT	0.15	1	7.65	9	310	1.4	2	1.02	1.9	20	28	2230	3.98	1.94	1.97	597	61	1.82	25	880	14	1.88	5	93	0.14	132	10	148	20
JM RC-06-04	234	236	102183	CHKG	0.112	1.1	7.68	9	180	1.1	2	1.48	0.9	17	27	2140	3.33	1.34	2.61	525	93	2.09	20	660	13	1.62	5	73	0.21	120	10	87	10
JM RC-06-04	236	238	102184	EXT	0.108	0.6	7.12	8	190	1.5	2	1.06	0.8	25	316	1.86	4.23	1.35	3.19	804	73	0.96	85	1610	11	3.75	5	103	0.24	166	10	77	10
JM RC-06-04	238	240	102185	EXT	0.091	1	6.77	5	200	1.2	2	3.26	1	18	126	1830	3.48	1.3	3.74	580	58	1.16	37	1170	16	3.86	5	112	0.22	122	10	66	10
JM RC-06-04	240	242	102187	EXT	0.142	1.1	6.57	5	360	1.3	2	2.56	2.3	16	72	2260	3.74	1.87	1.54	630	129	0.7	19	660	125	2.9	5	88	0.17	108	10	321	10
JM RC-06-04	242	244	102188	EXT	0.112	0.8	6.45	5	270	1	2	3.61	0.7	20	21	1950	3.07	1.79	1.2	342	62	0.67	15	720	6	5.08	5	179	0.11	84	10	43	10
JM RC-06-04	244	246	102189	EXT	0.11	0.9	5.94	5	350	1	2	3.67	0.8	14	23	1980	2.93	1.67	1.44	397	93	0.52	11	650	5	4	5	158	0.12	88	10	44	10
JM RC-06-04	246	248	102190	EXT	0.142	0.8	5.88	6	220	0.9	2	2.67	0.7	12	20	2180	2.27	1.46	1.28	347	47	0.45	9	610	4	3.38	5	108	0.1	78	10	37	10
JM RC-06-04	248	250	102191	EXT	0.095	0.8	7.14	8	280	1.7	2	3.62	0.9	15	102	1750	3.45	1.52	2.29	511	47	0.56	25	1100	5	4.41	5	95	0.18	114	10	47	10
JM RC-06-04	250	252	102192	EXT	0.114	0.7	6.15	6	260	1.1	2	4.09	0.7	17	63	2310	2.84	1.5	1.78	495	66	0.52	21	940	5	4.84	5	98	0.15	98	10	46	10
JM RC-06-04	252	254	102193	EXT	0.16	1	6.68	7	350	1.1	2	1.48	0.7	15	31	1290	2.68	1.87	1.54	827	95	0.34	19	780	8	2.03	5	75	0.14	87	10	68	10
JM RC-06-04	254	256	102194	EXT	0.201	1.1	6.36	5	350	1.1	2	1.35	0.7	15	15	3470	2.46	1.9	1.02	392	78	0.89	10	670	7	4.01	5	141	0.11	82	10	46	10
JM RC-06-04	256	258	102195	EXT	0.145	0.7	7.07	7	410	1.3	2	3.62	0.7	18	20	2720	2.81	2.04	1.36	373	58	0.82	13	750	7	4.37	5	125	0.12	98	10	46	10
JM RC-06-04	258	260	102196	EXT	0.265	1	5.87	5	250	1.1	2	4.91	0.8	16	16	3660	3.64	1.9	1.1	378	98	0.74	10	610	8	5.77	5	139	0.13	86	10	53	10
JM RC-06-04	260	262	102197	EXT	0.176	1	6.28	7	430	1.2	2	2.73	0.7	13	18	2650	2.41	2.03	1.24	488	71	0.26	9	660	7	3.3	5	117	0.1	79	10	57	10
JM RC-06-04	262	264	102198	EXT	0.193	1	6.53	5	400	1.1	2	3.76	0.8	16	17	2250	3	1.96	1.36	499	91	0.42	8	660	8	4.44	5	138	0.13	82	10	58	10
JM RC-06-04	264	266	102199	EXT	0.236	1.2	6.68	8	388	1.2	2	3.33	0.9	16	19	2760	3.21	1.88	1.4	535	86	0.56	11	670	7	4.1	5	124	0.17	105	10	66	10
JM RC-06-04	266	268	102200	EXT	0.017	0.8	7.34	7	330	1	2	3.99	0.7	11	17	3480	3.86	1.72	1.5	586	95	1.14	11	610	7	3.81	5	135	0.16	108	10	54	10
JM RC-06-04	268	270	102201	CHKG	0.197	1.5	7.09	8	490	1.2	2	3.11	0.8	17	17	2360	2.86	2.36	1.34	708	43	0.77	11	760	11	3.91	5	173	0.12	104	10	64	10
JM RC-06-04	270	272	102203	EXT	0.253	1.6	7.77	10	360	1.2	3	3.93	0.9	14	18	2910	3.37	2.13	1.56	788	78	0.76	12	840	11	3.98	5	161	0.21	118	10	66	10
JM RC-06-04	272	274	102204	EXT	0.153	0.8	7.23	8	340	1.4	2	4.44	0.9	21	20	2700	3.8	2.16	1.36	974	63	0.75	12	780	10	5.01	5	129	0.17	114	10	71	10
JM RC-06-04	274	276	102205	EXT	0.241	2.7	6.65	7	390	1.7	2	3.12	1.4	15	18	4410	3.3	2.15	1.44	1105	78	0.16	15	720	46	3.58	5	216	0.16	106	10	174	10
JM RC-06-04	276	278	102206	EXT	0.2	1	6.88	6	330	1.3	2	3.69	0.8	16	17	2570	3.08	2.08	1.36	797	90	0.42	9	750	8	3.39	5	234	0.17	105	10	67	10
JM RC-06-04	278	280	102208	EXT	0.15	1.1	6.64	23	620	1.8	2	2.1	0.8	17	18	2660	3.07	2.44	0.95	1305	143	0.18	12	750	10	2.89	5	166	0.1	87	10	89	10
JM RC-06-04	280	282	102209	EXT	0.135	1.9	6.8	70	610	1.9	2	2.24	1	22	17	3070	4.45	2.36	0.55	4940	116	0.2	15	810	10	1.12	5	88	0.14	154	10	112	170
JM RC-06-04	282	284	102208	EXT	0.147	0.8	6.91	9	340	1	2	3.15	0.9	14	16	2710	3.21	1.76	1.42	1576	86	0.84	11	730	7	3.13	5	122	0.16	104	10	86	10
JM RC-06-04	284	286	102210	EXT	0.177	1.6	6.7	5	410	1.2	2	3.99	1.3	14	15	3510	3.51	2.06	1.36	986	104	0.62	6	730	20	3.89	5	234	0.13	93	10	116	10
JM RC-06-04	286	288	102211	EXT	0.18	1.5	6.37	5	440	1.2	3	3.24	1.1	13	16	3260	2.87	1.87	1.48	1040	164	0.47	13	710	33	3.43	5	167	0.15	96	10	110	10
JM RC-06-04	288	290	102212	EXT	0.188	0.8	7.21	5	440	1.2	3	4.45	0.8	11	21	3290	2.95	1.94	1.6	905	94	0.62	11	760	4	4	5	206	0.2	114	10	68	10
JM RC-06-04	290	292	102213	EXT	0.204	2.1	7.08	9	450	1.2	3	1.86	1.4	12	19	3400	2.95	2.03	1.47	1005	91	0.9	11	780	21	4.08	5	198	0.16	108	10	112	10
JM RC-06-04	292	294	102214	EXT	0.177	1.4	7.18	5	390	1.2	2	3.6	1.1	11	20	3080	2.88	2.13	1.5	981	91	0.72	11	760	29	3.82	5	152	0.17	108	10	82	10
JM RC-06-04	294	296	102215	EXT	0.191	1.7	7.08	9	480	1.2	3	1.94	1	8	14	3010	2.54	2.35	1.14	1130	74	0.64	6	620	13	2.08	5	100	0.13	78	10	86	10
JM RC-06-04	296	298	102216	EXT	0.114	1.5	6.16	5	340	1.4	2	2.29	1.2	16	10	2250	1.92	2.64	0.79	878	66	0.1	4	410	43	2.54	5	64	0.07	47	10	134	10
JM RC-06-04	298	300	102217	EXT	0.187	2.4	5.9	5	360	1.6	3	3.06	1.9	15	9	4090	2.33	2.47	0.5	756	274	0.09	7	520	157	3.8	5	208	0.08	64	10	179	10
JM RC-06-04	300	302	102218	EXT	0.146	1.1	6.49	6	330	1.2	3	3.62	0.9	11	17	3160	2.75	2.24	1.3	956	166	0.38	8	740	22	3.63	5	113	0.15	98	10	77	10
JM RC-06-04	302	304	102219	EXT	0.133	1.3	7.32	6	420	1.2	2	4.45	1.2	15	21	3600	3.09	1.95	1.5	837	129	1.04	10	760	12	4.47	5	216	0.2	104	10	91	10
JM RC-06-04	304	306	102220	EXT	0.197	0.9	7.25	6	440	1.1	2	2.66	1.1	15	20	2710	3.26	1.86	1.62	982	91	1.47	12	810	10	3	5	164	0.21	128	10	86	10
JM RC-06-04	306	308	102221	EXT	0.164	1.2	6.77	7	410	1.1	2	2.75	0.9	14	19	2640	3.03	1.89	1.3	844	96	1.43	12	730	13	3.03	5	124	0.2	101	10	84	10
JM RC-06-04	308	310	102222	EXT	0.146	1.3	6.74	9	390	1.1	2	3.29	1	10	21	2940	3.52	1.61	1.45	627	346	1.53	13	780	11	3.32	5	154	0.2	117	10	67	10
JM RC-06-04	310	312	102223	EXT	0.133	1.3	7.16	6	480	1.3	2	3.6	1.2	15	24	3810	3.33	1.6	1.57	883	88	1.32	23	830	13	3.77	5	223	0.18	121	10	84	10
JM RC-06-04	312	314	102224	EXT	0.15	0.9	7.32	6	540	1.3	2	3.13	0.9	17	21	2700	3.34	2.09	1.68	742	93	0.83	13	780	7	3.31	5	226	0.15	115	10	91	10
JM RC-06-04	314	316	102225	EXT	0.118	1	6.89	5	530	1.3	3	2.63	1.1	11	22	2270	3.2	1.79	1.56	647	61	1.38	18	830	54	2.56	5	168	0.2	123	10	69	10
JM RC-06-04	316	318	102226	EXT	0.157	1.4	7.7	5	460	1.2	2	3.47	1	16	22	2770	3.7	1.64	1.84	972	87	1.7	12	860	17	3.54	5	188	0.22	136	10	79	10
JM RC-06-04	318	320	102227	EXT	0.118	1.7	7.82	9	480	1.4	4	3.04	0.1	13	20	2540	3.48	2.27	1.8	1355	44	0.44	13	830	156	3.35	5	146	0.21	126	10	351	20
JM RC-06-04	320	322	102228	EXT	0.145	1	7.95	11	540	1.5	4	2.56	1.2	12	23	4040	3.73	2.15	1.58	1170	54	0.53	11	900	30	2.48	5	172	0.25	136	10	166	10
JM RC-06-04	322	324	102230	EXT	0.139	1.5	8.32	10	630	1.6	2	1.86	1.1	15	23	3470	3.99	2.27	1.42	1656	73	0.2	12	1040	11	2.43	5	87	0.2	138	10	114	20
JM RC-06-04	324	326	102232	EXT	0.125	1	7.17	15	560	1.2	2	3.11	1.1	17	20	2400	3.23	2.08	1.47	790	120	0.91	13	770	13	3.7	5	192	0.14	111	10	79	10
JM RC-06-04	326	328	102231	EXT	0.097	1.2	7.88	9	630	1.5	2	3.11	1	18	21	3400	3.91	2.04	1.8	1020	71	1.3	11	850	22	3.14	5	222	0.16	118	10	78	10
JM RC-06-04	328	330	102233	CHKG	0.153	1.4	7.52	5	490	1.3	2	3.38	0.8	21	22	3100	3.73	2.13	1.64	866	91	1.15	16	830	21	3.53	5	206	0.18	116	10	78	10
JM RC-06-04	330	332	102234	EXT	0.134	1.1	7.34	6	480	1.3	2	3.2	1	14	20	2160	3.56	1.76	1.72	905	108	1.4	13	800	33	2.62	5	242	0.22	136	10	81	10
JM RC-06-04	332	334	102236	EXT	0.121	1.2	7.49	6	490	1.3	2	2.99	1.2	11	20	1780	3.69	1.78	1.69	903	61	1.38	19	830	31	2.91	5	231	0.24	136	10	98	10
JM RC-06-04	334	336	102238	EXT	0.098	0.9	7.83	5	410	1.1	2	3.91	0.9	15	22	2330	3.37	1.72	1.54	984	49	1.46	19	780	11	3.76	5	211	0.2	125	10	44	10
JM RC-06-04	336	338	102237	EXT	0.101	0.8	8.15	9	570	1.2	2	3.66	0.8	11	23	2360	3.62	1.7	1.64	714	69	1.66	12	860	12	2.96	5	201	0.22	136	10	54	10
JM RC-06-04	338	340	102239	EXT	0.191	0.7	7.38	9	530	1.2	2	3.91	0.9	14	30	3200	3.26	1.96	1.54	933	50	1.24	11	840	9	3.04	5	221	0.15	120	10	40	10
JM RC-06-04	340	342	102239	EXT	0.092	0.8	7.69	9	530	1.3	3	3.31	0.9	16	21	3070	3.66	1.99	1.66	915	64	1.5	12	930	9	3.19	5	208	0.16	130	10	58	10
JM RC-06-04	342	344	102240	EXT	0.188	0.8	8.14	10	660	1.3	2	3.46	1	18	24	2950	3.69	1.94	1.72	1008	102	1.61	15	940	9	3.54	5	244	0.16	127	10	97	10
JM RC-06-04	344	346	102241	EXT	0.134	1	7.42	8	600	1.3	2	3.3	1	15	28	2870	3.56	1.82	1.74	988	54	1.66	15	900	7	3.13	5	249	0.2	139	10	99	10
JM RC-06-04	346	348	102242	EXT	0.102	0.8	7.54	8	600	1.2	2	3.68	0.8	14	32	2480	3.4	1.82	1.96	537	90	1.12	15	780	7	3.62	5	241	0.21	129	10	62	10
JM RC-06-04	348	350	102243	EXT	0.14	0.9	7.49	9	650	1.2	3	3.53	0.8	14	29	2910	3.48	1.9	1.93	566	57	1.5	17	730	6	3.1	5	234	0.22	136	10	86	10
JM RC-06-04	0	2	102244	EXT	0.449	1.1	6.77	5	630	0.5	2	0.29	0.7	1	13	180	3.42	2.3	0.21	167	34	0.29	1	690	56	1.19	5	279	0.13	68	10	45	170
JM RC-10-04	2	4	102245	EXT	0.551	1.4	5.36	15	570	0.5	2	0.12	0.5	1	4	61	3.03	2.26	0.14	100	63	0.1	1	640	34	0.62	5	241	0.11	42	10	22	20
JM RC-10-04	4	6	102246	EXT	0.349	1.2	6.42	15	540	0.5	2	0.12	0.7	1	14	68	4.66	2.55	0.14	79	58	0.09	1	730	22	0.78	5	243	0.08	65	10	11	240
JM RC-10-04	6	8	102247	EXT	0.478	1.6	5.93	12	480	0.5	2	0.11	0.5	1	34	63	4.44	2.39	0.1	91	46	0.09	1	640	90	0.66	5	279	0.09	62	10	13	60
JM RC-10-04	8	10	102248	EXT	0.536	1.8	5.83	15	350	0.5	2	0.08	0.9	1	16	73	3.52	1.58	0.05	93	29	0.07	1	690	62	0.98	5	170	0.09	46	10	11	90
JM RC-10-04	10	12	102249	EXT	0.169	1	5.49	20	460	0.5	2	0.17	0.7	1	44	51	5.87	1.94	0.22	77	41	0.1	1	1740	159	1.1	5	390	0.09	86	10	10	20
JM RC-10-04	12	14	102250	EXT	0.316	1.9	4.89	16	510	0.5	2	0.2	0.5	1	55	73	5.98	1.48	0.04	61	25	0.09	1	1660	184	0.98	5	345	0.12	88	10	8	40
JM RC-10-04	14	16	102251	EXT	0.886	3.2	4.11	6	380	0.5	2	0.07	0.5	1	10	110	3.43	2	0.07	47	23	0.07	1	630	114	1.6	5	139	0.08	39	10	11	210
JM RC-10-04	16	18	102252	EXT	0.779	1.4	3.84	12	410	0.5	2	0.08	0.5	1	12	157	3.84	1.7	0.07	99	40	0.07	1	580	97	1.46	5	146	0.11	47	10	13	170
JM RC-10-04	18	20	102253	EXT	0.714	1.3	3.78	32	380	0.5	5	0.08	0.6	1	10	97	5.39	1.36	0.08	95	54	0.06	7	540	58	0.72	5	116	0.08	73	10	14	40
JM RC-10-04	20	22	102254	EXT	0.634	1.1	4.23	16	530	0.5	4	0.07	0.6	1	17	53	3.99	1.54	0.05	48	56	0.07	6	670	75	0.46	5	276	0.09	56	10	11	50
JM RC-10-04	22	24	102255	EXT	0.443	1.2	4.58	14	660	0.5	5	0.09	0.6	1	5	48	2.68	1.72	0.09	91	16	0.05	5	660	62	0.54	5	337	0.12	57	10	11	140
JM RC-10-04	24	26	102256	CHKG	0.16	0.6	5	14	660	0.5	6	0.1	0.6	1	6	31	2.38	1.52	0.05	63	18	0.06	5	1030	184	0.67	5	377	0.1	61	10	9	30
JM RC-10-04	26	28	102254	EXT	0.13	0.8	4.85	11	650	0.5	6	0.09	0.9	1	5	37	3.45	1.56	0.05	66	38	0.06	3	650	132	1.14	5	319	0.08	58	10	9	40
JM RC-10-04	28	30	102258	EXT	0.129	0.8	4.95	12	660	0.5	5	0.07	0.6	1	5	43	3.69	1.66	0.07	91	33	0.06	5	660	142	1.11	5	283	0.08	52	10	9	40
JM RC-10-04	30	32	102260	EXT	0.173	1.4	5.35	23	760	0.5	6	0.1	1.3	1	6	39	5.18	1.62	0.03	88	35	0.13	8	1360	134	1.27	5	423	0.07	68	10	11	30
JM RC-10-04	32	34	102261	EXT	0.18	1.1	5.25	13	640	0.5	6	0.08	0.8	1	5	42	4.6	1.91	0.04	96	54	0.09	6	830	125	0.67	5	388	0.12	67	10	8	30
JM RC-10-04	34	36	102262	EXT	0.263	1.1	5.73	16	660	0.5	6	0.1	0.8	1	6	54	2.91	1.98	0.06	81	41	0.1	5	1010	166	1.35	5	416	0.11	88	10	9	40
JM RC-10-04	36	38	102263	EXT	0.388	0.9	5.77	22	730	0.5	7	0.08	0.9	1	4	34	2.93	1.88	0.07	94	41	0.12	4	900	53	1.08	5	346	0.11	58	10	11	60
JM RC-10-04	38	40	102264	EXT	0.328	1.1	7.11	19	960	0.5	5	0.1	0.8	1	5	51	2.54	1.92	0.1	80	23	0.15	5	900	53	1.14	5	312	0.15	90	10	14	300
JM RC-10-04	40	42	102265	EXT	0.393	1	6.6	19	960	0.5	5	0.08	0.7	4	5	142	2.7	1.75	0.08	83	27	0.11	7	910	88	2.12	5	362	0.12	64	10	11	70
JM RC-10-04	42	44	102266	EXT	0.324	0.6	6.26	8	480	0.5	7	0.09	1.2	5	5	896	4.14	1.82	0.11	86	37	0.09	7	850	45	2.52	5	329	0.11	63	10	14	20
JM RC-10-04	44	46	102267	EXT	0.197	0.5	8.06	25	650	0.5	4	0.11	0.8	1	5	33	3.76	2.02	0.12	84	18	0.1	4	1110	58	0.34	5	418	0.11	82	10	14	20
JM RC-10-04	46	48	102268	EXT	0.218	0.7	8.59	17	810	0.5	5	0.08	0.8	1	5	52	3.79	1.96	0.11	90	11	0.1	7	920	66	0.16	5	362	0.11	76	10	13	10
JM RC-10-04	48	50	102269	EXT	0.307	0.5	5.36	7	510	0.5	4	0.07	0.5	1	7	47	1.36	1.8	0.06	62	6	0.07	3	730	66	0.31	5	279	0.1	54	10	13	10
JM RC-10-04	50	52	102270	EXT	0.28	1.1	4.83	10	480	0.5	4	0.08	0.8	2	14	58	1.78	1.98	0.08	80	7	0.1	5	980	59	0.8	5	220	0.13	57	10	16	30
JM RC-10-04	52	54	102271	EXT	0.845	1.3	5.68	34	800	0.5	6	0.1	1.3	4	12	1265	4.43	1.75	0.13	97	36	0.27	8	970	29	2.01	5	308	0.19	79	10	11	30
JM RC-10-04	54	56	102272	EXT	0.902	1.2	5	9	760	0.5	7	0.08	1.1	18	20	3450	4.22	1.72	0.11	79	35	0

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-10-04	84	86	102284 EXT		0.06	1.1	5.08	26	390	0.7	2	0.07	1	19	72	9530	3.87	1.98	0.51	45	20	0.07	32	1000	16	2.37	5	486	0.33	141	10	68	10
JM RC-10-04	86	88	102288 EXT		0.042	1.8	4.35	15	210	0.5	2	0.03	1.1	18	4	14000	3.25	1.37	0.16	44	20	0.04	12	350	18	3.41	5	157	0.06	36	10	36	10
JM RC-10-04	88	90	102289 EXT		0.788	1.8	4.98	16	160	0.5	2	0.04	1.1	22	19	13000	4.54	1.72	0.1	47	24	0.06	14	510	16	4.43	5	222	0.13	52	10	17	10
JM RC-10-04	90	92	102291 EXT		1.005	1.8	6.15	14	330	0.5	2	0.06	1.2	15	37	11900	4.25	1.71	0.2	41	27	0.05	15	900	24	2.67	5	426	0.24	82	10	25	10
JM RC-10-04	92	94	102292 EXT		0.947	2	5.35	8	370	0.5	2	0.06	0.7	9	16	14300	3.96	1.62	0.2	35	25	0.04	11	790	25	2.16	5	462	0.18	74	10	37	10
JM RC-10-04	94	96	102293 EXT		0.784	1.6	7.01	11	350	0.7	2	0.07	1.2	12	21	12600	4.87	1.75	0.23	41	31	0.06	16	830	28	2.35	5	577	0.28	87	10	41	10
JM RC-10-04	96	98	102294 EXT		0.836	1.7	5.87	16	300	0.5	2	0.05	1.4	10	11	9110	5.11	1.58	0.15	51	24	0.06	12	810	32	3.53	5	547	0.17	79	10	34	10
JM RC-10-04	98	100	102295 EXT		0.907	1.5	5.14	16	190	0.5	2	0.05	1.6	14	6	9610	5.05	1.84	0.1	53	32	0.07	11	690	25	6.45	5	520	0.12	82	10	18	10
JM RC-10-04	100	102	102296 EXT		0.829	2.1	5.03	15	130	0.5	2	0.07	1.3	15	7	14000	8.17	1.98	0.09	48	42	0.07	11	680	71	6.74	5	453	0.11	91	10	18	10
JM RC-10-04	102	104	102297 EXT		0.931	2	6.56	14	330	0.5	2	0.09	1	14	29	9250	4.52	1.8	0.15	58	36	0.07	17	990	20	3.67	5	851	0.29	112	10	23	10
JM RC-10-04	104	106	102298 EXT		0.736	1.4	7.89	16	360	0.5	3	0.09	1.6	13	46	9100	5.4	1.88	0.15	29	36	0.06	20	1010	25	2.78	5	853	0.36	138	10	21	10
JM RC-10-04	106	108	102299 EXT		0.751	2.3	7.25	19	390	0.6	2	0.09	1	9	40	17000	4.47	1.71	0.14	37	17	0.05	17	440	24	2.57	5	564	0.36	120	10	22	10
JM RC-10-04	108	110	102300 EXT		0.819	1.5	8.46	11	370	0.8	2	0.07	1.4	13	36	15500	4.72	1.72	0.12	57	18	0.07	22	1050	22	3.4	5	704	0.27	108	10	29	10
JM RC-10-04	110	112	102301 ORG		0.847	1.5	7.74	10	330	0.7	2	0.08	1	25	48	16000	4.04	1.85	0.28	40	20	0.07	18	930	12	2.08	5	636	0.35	125	10	48	10
JM RC-10-04	112	114	102303 EXT		0.774	1.7	7.81	17	300	0.7	2	0.08	1.4	24	52	9900	4.87	1.74	0.26	38	15	0.07	22	1010	18	3.92	5	788	0.26	128	10	46	10
JM RC-10-04	114	116	102304 EXT		0.868	1.2	7.82	19	310	0.7	2	0.08	1.3	23	57	9950	4.78	1.78	0.5	35	18	0.07	24	910	11	3.23	5	810	0.33	136	10	57	10
JM RC-10-04	116	118	102305 EXT		0.915	1.4	8.28	14	270	0.8	2	0.06	1.4	22	55	8510	5.5	1.8	0.33	32	37	0.07	24	820	24	4.3	5	679	0.28	140	10	50	10
JM RC-10-04	118	120	102306 EXT		1.33	1.7	7.97	34	250	0.6	12	0.06	1.3	18	50	8370	6.04	1.86	0.25	35	142	0.07	25	900	18	4.73	5	679	0.28	138	10	41	20
JM RC-10-04	120	122	102307 EXT		0.78	1.2	7.36	14	220	0.6	11	0.08	1.4	23	48	7580	5.75	1.77	0.24	32	26	0.07	23	870	18	5.02	5	651	0.25	123	10	61	10
JM RC-10-04	122	124	102308 EXT		0.95	1.6	8.9	24	330	0.5	2	0.08	1.2	18	29	13600	3.87	1.72	0.16	57	22	0.07	13	710	17	3.77	5	401	0.19	89	10	37	10
JM RC-10-04	124	126	102309 EXT		0.756	2.2	5.96	18	160	0.5	2	0.05	1.4	28	10	9980	5.35	1.72	0.11	48	32	0.07	12	810	25	5.79	5	387	0.08	61	10	33	10
JM RC-10-04	126	128	102310 EXT		0.841	1.9	6	15	280	0.5	2	0.04	1	30	11	17400	3.84	1.78	0.12	38	32	0.06	10	550	27	4.2	5	284	0.12	64	10	38	10
JM RC-10-04	128	130	102311 EXT		0.856	1.6	6.3	11	460	0.5	2	0.05	0.9	20	10	11400	3.02	1.86	0.13	49	66	0.06	11	510	30	2.8	5	253	0.14	53	10	32	10
JM RC-10-04	130	132	102312 EXT		0.574	1.4	6.39	14	250	0.6	8	0.05	1.1	22	8	8410	4.45	1.6	0.14	46	18	0.07	16	865	56	3.87	5	333	0.14	58	10	26	10
JM RC-10-04	132	134	102313 EXT		0.646	1.6	5.32	16	180	0.5	10	0.05	1.4	28	5	9080	4.65	1.89	0.16	46	28	0.06	16	580	25	4.82	5	199	0.08	52	10	23	10
JM RC-10-04	134	136	102314 EXT		0.785	1.9	5.41	17	220	0.5	11	0.05	1.1	17	6	9660	3.81	1.61	0.2	40	26	0.05	7	540	23	3.59	5	226	0.11	49	10	36	20
JM RC-10-04	136	138	102315 EXT		0.799	1.9	6.13	16	330	0.5	9	0.06	1.3	16	5	5860	3.7	1.63	0.19	36	66	0.05	9	725	18	3.22	5	398	0.1	52	10	30	10
JM RC-10-04	138	140	102316 EXT		0.851	1.7	5.8	16	300	0.5	6	0.07	1.1	16	5	7830	3.71	1.74	0.33	40	21	0.04	6	680	20	3.72	5	260	0.1	51	10	43	20
JM RC-10-04	140	142	102317 EXT		0.758	1.7	5.76	17	320	0.5	11	0.06	0.8	17	7	8980	3.43	1.71	0.28	41	30	0.04	8	640	28	3.41	5	272	0.08	45	10	28	20
JM RC-10-04	142	144	102318 EXT		0.724	2.1	5.4	9	160	0.6	2	0.05	1.3	20	6	12200	4.32	1.86	0.14	44	30	0.04	8	560	35	4.41	5	174	0.08	41	10	18	20
JM RC-10-04	144	146	102319 EXT		0.568	1.7	6.34	11	240	0.7	8	0.06	1.3	23	6	9190	4.17	1.84	0.22	35	27	0.05	7	740	44	4.3	5	274	0.08	48	10	29	20
JM RC-10-04	146	148	102320 EXT		0.457	1.6	6.49	10	200	0.6	10	0.06	1.1	19	5	8630	4.51	1.92	0.2	38	29	0.06	6	690	37	4.75	5	304	0.08	45	10	29	20
JM RC-10-04	148	150	102321 EXT		0.512	1.6	6.56	11	320	0.5	5	0.06	1	15	5	4870	4	1.86	0.27	38	22	0.06	7	670	27	3.84	5	270	0.1	45	10	53	10
JM RC-10-04	150	152	102322 EXT		0.496	2.7	6.88	15	340	0.6	7	0.06	1.1	27	6	8950	3.87	1.67	0.25	35	17	0.06	7	700	24	3.46	5	364	0.11	47	10	34	10
JM RC-10-04	152	154	102323 EXT		0.54	2.9	7.1	16	350	0.7	10	0.06	1.1	29	5	7290	3.95	2.05	0.35	39	19	0.07	6	1110	15	3.63	5	744	0.1	51	10	47	10
JM RC-10-04	154	156	102324 EXT		0.992	1.9	7.61	16	570	0.7	2	0.08	0.9	25	9	5330	3.75	1.63	0.4	40	17	0.06	7	790	30	2.95	5	378	0.14	40	10	46	45
JM RC-10-04	156	158	102325 EXT		0.575	1.7	6.81	20	310	0.7	6	0.08	1	26	8	7250	4.18	1.96	0.29	45	27	0.06	11	900	37	4	5	288	0.1	45	10	29	10
JM RC-10-04	158	160	102326 EXT		0.466	1.5	6.93	14	170	0.7	5	0.08	1.1	14	5	4590	4.57	1.66	0.3	39	36	0.07	6	580	24	4.6	5	198	0.1	46	10	29	10
JM RC-10-04	160	162	102327 EXT		0.54	1.2	6.77	12	330	0.7	7	0.05	1.6	22	5	4440	5.27	1.55	0.29	45	16	0.06	4	540	53	8.44	5	191	0.08	48	10	24	10
JM RC-10-04	162	164	102328 EXT		0.566	2.1	8.4	19	310	0.8	7	0.06	1.8	18	5	7780	6.32	1.58	0.17	47	25	0.07	9	580	53	7.02	5	222	0.08	48	10	19	20
JM RC-10-04	164	166	102329 EXT		0.479	1	6.92	14	250	0.7	7	0.06	1.3	22	5	3740	5.43	1.55	0.4	45	16	0.06	11	640	29	5.45	5	226	0.08	51	10	29	10
JM RC-10-04	166	168	102330 EXT		0.61	1.3	6.95	12	200	0.6	4	0.05	1.1	17	4	6910	4.76	1.32	0.32	42	12	0.07	7	550	46	4.9	5	172	0.08	53	10	25	10
JM RC-10-04	168	170	102331 EXT		0.609	1.8	6.64	15	290	0.8	9	0.08	1.4	20	4	7180	8.58	1.47	0.22	54	20	0.06	6	580	46	5.79	5	182	0.08	50	10	23	10
JM RC-10-04	170	172	102332 ORG		0.477	1.9	7.15	17	290	0.8	7	0.06	1.4	19	5	8140	5.98	1.29	0.58	42	17	0.06	10	600	29	3.41	5	142	0.11	46	10	53	10
JM RC-10-04	172	174	102334 EXT		0.498	1.4	7.01	14	140	0.9	6	0.05	1.2	24	4	6670	4.98	1.33	0.43	43	35	0.08	10	930	46	4.26	5	288	0.11	55	10	48	10
JM RC-10-04	174	176	102335 EXT		0.603	1.6	6.34	16	260	0.7	6	0.05	1.6	14	6	7100	5.4	1.36	0.32	52	23	0.06	9	950	43	4.75	5	274	0.11	51	10	35	10
JM RC-10-04	176	178	102336 EXT		0.545	1.7	6.68	13	170	0.8	9	0.06	1.5	15	4	8550	4.56	1.34	0.47	45	33	0.06	6	590	27	4.12	5	180	0.1	48	10	47	10
JM RC-10-04	178	180	102337 EXT		0.569	1.7	7.52	20	220	0.8	2	0.06	0.9	18	5	6710	4.97	1.33	0.4	45	61	0.06	9	740	56	3.27	5	344	0.15	55	10	38	10
JM RC-10-04	180	182	102338 EXT		0.488	1.8	6.98	24	130	0.8	7	0.05	1.2	19	5	7920	4.8	1.42	0.33	43	31	0.08	8	570	25	4.67	5	274	0.1	56	10	31	20
JM RC-10-04	182	184	102339 EXT		0.508	1.6	7.4	13	180	0.7	2	0.06	0.9	20	5	9450	4.41	1.43	0.36	43	35	0.09	9	700	25	4.12	5	411	0.13	57	10	33	10
JM RC-10-04	184	186	102340 EXT		0.515	1.6	7.42	14	180	0.8	6	0.06	1	21	6	8750	4.15	1.48	0.38	46	45	0.1	11	870	28	3.82	5	288	0.13	61	10	35	10
JM RC-10-04	186	188	102341 EXT		0.475	1.3	7.85	25	360	0.8	4	0.08	0.7	17	5	8380	3.15	1.3	0.41	43	45	0.11	10	950	31	2.89	5	329	0.16	58	10	51	10
JM RC-10-04	188	190	102342 EXT		0.54	1.5	7.79	16	200	0.9	2	0.04	1.1	24	5	9910	3.7	1.38	0.41	46	29	0.11	8	850	29	3.14	5	508	0.14	57	10	52	10
JM RC-10-04	190	192	102343 EXT		0.384	1.3	7.35	16	200	0.9	7	0.04	1.3	18	5	7280	3.8	1.35	0.34	48	33	0.09	7	870	17	3.17	5	572	0.13	50	10	46	10
JM RC-10-04	192	194	102344 EXT		0.466	1.4	7.1	13	230	0.8	9	0.04	0.9	17	5	7750	3.88	1.4	0.28	46	35	0.08	7	860	21	3.77	5	534	0.15	52	10	46	10
JM RC-10-04	194	196	102345 EXT		0.524	1.3	7.43	9	360	0.8	5	0.05	1	17	5	9620	3.88	1.43	0.45	58	51	0.08	11	830	25	2.72	5	458	0.13	60	10	72	10
JM RC-10-04	196	198	102346 EXT		0.305	1	8.4	18	550	1.2	4	0.05	0.9	14	17	2450	3.42	1.34	0.79	124	24	0.09	18	870	18	68	5	250	0.16	52	10	115	10
JM RC-10-04	198	200	102347 EXT		0.31	1.2	8.64	16	370	1.2	4	0.07	2.2	17	4	2720	3.33	1.38	0.54	82	38	0.1	6	870	17	2.71	5	551	0.15	58	10	62	10
JM RC-10-04	200	202	102348 EXT		0.449	1.9	8.22	18	230	1.3	4	0.05	0.8	25	4	4350	3.81	1.46	0.61	88	26	0.09	13	630	29	2.82	5	283	0.18	58	10	83	10
JM RC-10-04	202	204	102349 EXT		0.412	1.9	8.35	8	340	1.1	5	0.03	0.8	18	4	4660	3.23	1.28	0.86	83	35	0.08	10	450	34	2.2	5	175	0.14	61	10	109	10
JM RC-10-04	204	206	102350 EXT		0.474	1.8	7.71	13	180	0.8	5	0.02	0.9	15	4	5470	4.13	1.58	0.25	50	54	0.11	9	540	41	3.89	5	188	0.11	50	10	58	10
JM RC-10-04	206	208	102351 EXT		0.476	1.6	7.89	5	390	1.1	5	0.02	1.2	20	4	4050	3.86	1.54	0.38	80	30	0.06	11	320	27	2.36	5	108	0.13	52	10	102	10
JM RC-10-04	208	210	102352 EXT		0.336	1.2	8	22	530	1.1	2	0.02	0.8	13	8	2720	3.43	1.42	0.48	80	23	0.1	13	380	29	2.5	5	146	0.14	47	10	74	10
JM RC-10-04	210	212	102353 EXT		0.388	1.4	8.71	19	360	1.4	3	0.03	0.9	12	4	3600	3.44	1.4	0.6	126	24	0.1	9	450	31	2.24	6	227	0.12	48	10	82	10
JM RC-10-04	212	214	102354 EXT		0.562	1.4	8.3	9	350	1.5	3	0.04	0.8	14	3	3190	3.45	1.44	0.81	124	24	0.09	8	640	26	2.7	5	414	0.12	50	10	98	10
JM RC-10-04	214	216	102355 EXT		0.475	1.9	8.02	10	370	1.2	3	0.03	1.5	19	4	3620	4.15	1.54	0.81	90	35	0.08	8	480	25	3.82	5	260	0.11	58	10	79	10
JM RC-10-04	216	218	102356 EXT		0.718	2	8.14	12	250	0.9	5	0.03	0.9	11	8	5210	3.78	1.36	0.43	104	14	0.06	8	440	20	2.91	5	275	0.14	50	10	58	10
JM RC-10-04	218	220	102357 EXT		0.667	1.8	6.93	18	370	0.9	6	0.05	0.9	14	8	9650	4.13	1.46	0.52	136	31	0.06	10	610	22	2.16	5	413	0.13	58	10	86	10
JM RC-10-04	220	222	102358 EXT		0.696	2.2	7.62	7	480	1.1	7	0.03	0.5	19	6	8210	3.42	1.66	0.72	184	27	0.06	10	580	35	1.88	5	391	0.17	58	10	111	10
JM RC-10-04	222	224	102359 EXT		0.572	1.8	7.29	14	370	1.2	2	0.02	1.8	8	5	4700	3.44	1.53	0.81	242	29	0.06	10	390	30	0.83	5	108	0.2	63	10	155	20
JM RC-10-04	224	226	102360 EXT		0.724	2.3	8.08	15	490	1.9	7	0.02	1.1	13	10	5650	3.92	1.57	0.87	228	49	0.06	13	310	22	1.77	5	107	0.19	71	10	156	60
JM RC-10-04	226	228	102361 EXT		0.84	1.8	7.08	8	510	1.8	5	0.02	1.2	19	9	4840	4.45	1.8	1.13	284	40	0.06	13	380	26	1.56	5	141	0.21	71	10	187	90
JM RC-10-04	228	230	102362 EXT		0.691	1.7	6.25	9	360	1.5	2	0.03	0.5	12	3	5810	4.54	1.78	0.96	247	57	0.05	6	390	33	2.06	5	194	0.2	64	10	207	50
JM RC-10-04	230	232	102363 EXT		0.915	2.5	6.65	8	320	1.8	5	0.06	0.5	11	1	6870	4.88	1.88	0.98	257	130	0.05	5	870	55	2.52	6	545	0.17	62	10	166	40
JM RC-10-04	232	234	102364 ORG		0.636	1.8	6.77	5	360	1.8	2	0.08	0.5	11	1	5490	5.38	1.49	0.67	184	31	0.04	7	1050	41	3.21	5	755	0.18	71	10	180	40
JM RC-10-04	234	236	102366 EXT		0.802	1.8	7.73	5	380	1.6	4	0.03	0.5	14	100	5910	6.24	1.64	2.21	385	33	0.05	55	850	21	1.3	7	198	0.5	136	10	298	40
JM RC-10-04	236	238	102367 EXT		0.993	1.6	8.98	5	400	2.2	4	0.06	0.5	20	48	4280	5.98	1.87	2.24	373	53	0.06	43	870	31	1.96	6	210	0.44	160	10	248	30
JM RC-10-04	238	240	102368 EXT		0.583	1.4	10.8	10	400	2.8	6	0.22	0.5	25	53	4470	7.36	2.37	3.38	528	43	0.08	56	1590	13	1.28	5	63	0.53	185	10	339	30
JM RC-10-04	240	242	102369 EXT		0.59	1.4	10.05	12	520	1.9	5	0.05	0.7	15	60	5770	7.13	1.98	3.09	540	76	0.05	58	1040	20	1.01	5	86	0.62	173	10	293	20
JM RC-10-04	242	244	102370 EXT		0.555	1.4	8.56	12	470	1.6	6	0.06	0.5	12	33	6440	8.04	1.74	1.76	386	62	0.05	21	1080	38	1.81	5	424	0.5	128	10	268	20
JM RC-10-04	244	246	102371 EXT		0.488	1.7	8.23	10	510	1.1	2	0.02	0.5	11	3	5580	3.28	1.88	1.11	256	33	0.04	8	410	32	1.72	5	125	0.1	36	10	235	20
JM RC-10-04	246	248	102372 EXT		0.791	1.6	8.86	5	630	1.2	2	0.02	0.7	10	4	5630	3.81	1.98	1.46	413	31	0.05	10	410	28	1.11	6	175	0.17	51	10	303	20
JM RC-10-04	248	250	102373 EXT		0.481	1.7	8.49	5	650	1.3	2	0.03	0.7	12	3	5210	3.86	1.98	0.61	148	29	0.05	9	540	57	1.83	5	430	0.08	34	10	148	10
JM RC-10-04	250	252	102374 EXT		0.409	1.5	8.97	5	750	1.5	2	0.01	1.5	8	4	4820	3.58	1.8	0.71	178	31	0.05	8	210	31	0.9	5	103	0.08	33	10	211	10
JM RC-10-04	252	254	102375 EXT		0.497	2	8.89	8	820	1.6	2	0.03	0.7	14	8	5670	3.15	1.8	0.67	170	53	0.15	9	210	25	1.63	5	54	0.14	56	10	180	10
JM RC-10-04	254	256	102376 EXT		0.563	1.6	8.29	8	590	2.3	2	0.15	1.6	7	10	5780	4.64	1.72	1.44	444	34	0.07	15	1040	59	0.85	5	38	0.31	88	10	377	20
JM RC-10-04	256	258	102377 EXT		0.474	1.5	6.53	5	610	1.3	5	0.04	0.6	11	25	8080	3.2	2.01	1.16	515	29	0.05	18	540	27	1.08	5	258	0.15	58	10	235	20
JM RC-10-04	258	260	102378 EXT		0.607	2.7	7.05	5	730	1.2	2	0.02	0.5	13	8	7960	3.48	1.89	1.04	285	64	0.08	13	360	17	1.28	6	147	0.17	57	10	181	20
JM RC-10-04	260	262	102379 EXT		0.544	2	7.54	11	550	1.2	2	0.04	0.5	12	7	7360	3.49	1.68	0.75	159	65	0.07	10	770	33	1.46	5	404	0.21	74	10	122	20
JM RC-10-04	262	264	102380 EXT		0.555	1.6	7.88	6	730	1.7	2	0.03	0.5	10	13	6060	3.52	1.82	1.06	207	89	0.06	9	440	23	1.34	5	263	0.25	81	10	120	10
JM RC-10-04	264	266	102381 EXT		0.629	1.5	6.83	6	620	1.2	2	0.02	0.7	6	3	5810	3.04	1.78	1.24	286	56	0.06	8	710	18	0.96	5	63	0.17	60	10	185	10
JM RC-10-04	266	268	102382 EXT		0.567	1.5	7.54	10	730	2	2	0.05	1.8	6	6	5870	4.23	1.98	1.38	360	40	0.22	14	600	76	0.73	9	179	0.24	78	10	221	20
JM RC-10-04	268	270	102383 EXT		0.594	1.9	7.7	5	770	1.7	2	0.05	0.7	12	7	6100	4.77

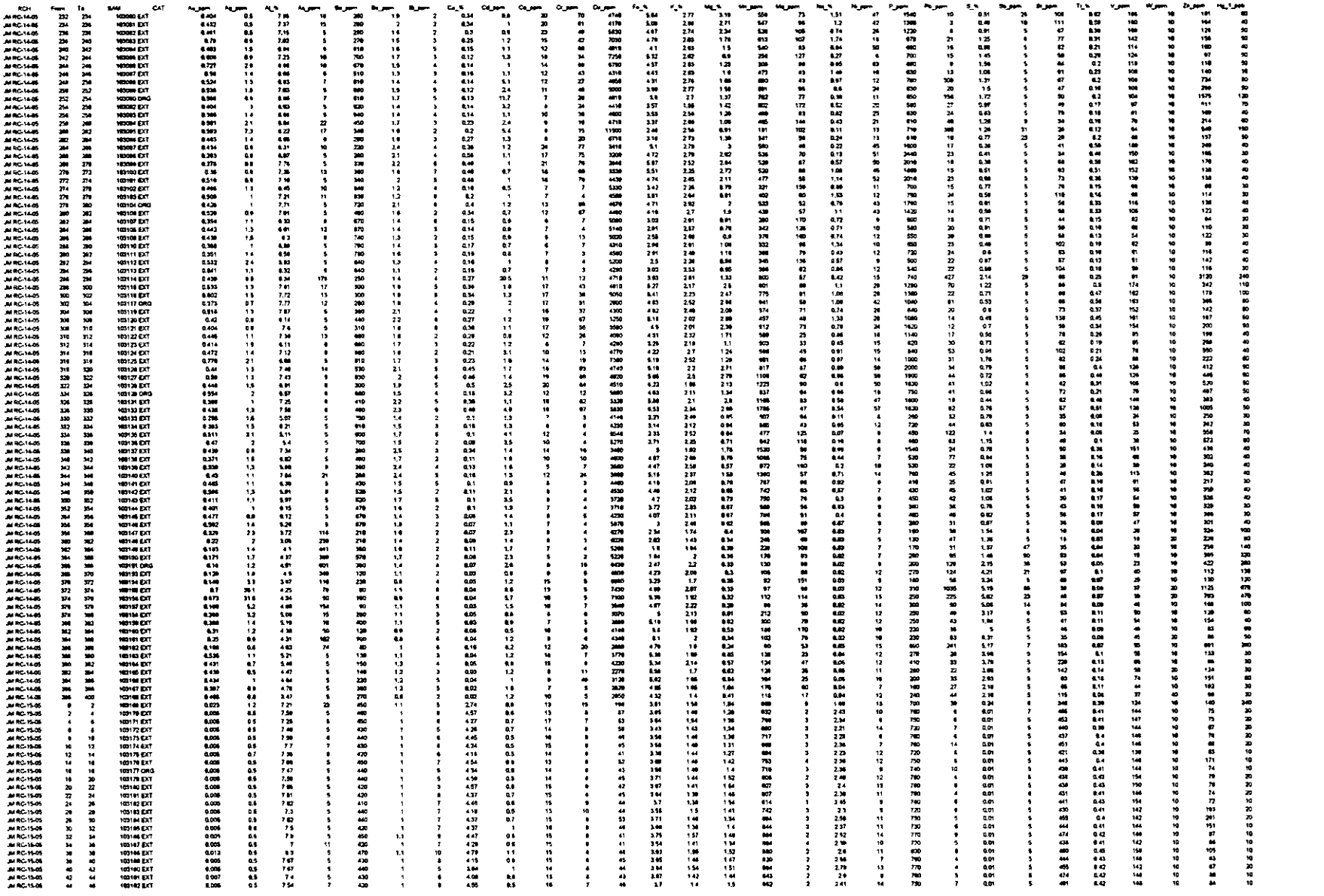
RCH	From	To	BAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-10-04	296	298	1023368	EXT	0.436	1	6.24	5	380	1.5	2	0.22	0.8	14	36	4310	4.51	2.1	1.7	427	50	0.54	30	1000	8	1.38	5	36	0.3	110	10	237	10
JM RC-10-04	300	303	1023400	EXT	0.568	1.5	5.74	6	330	1.5	2	0.2	2	13	25	6620	4.41	2.14	1.33	367	82	0.68	21	949	4	0.61	5	14	0.32	102	10	300	20
JM RC-10-04	302	304	1023401	EXT	0.586	1.5	6.2	5	330	1.5	2	0.19	0.5	9	4	5760	4.03	1.99	1.14	499	40	0.44	13	702	6	0.54	5	15	0.27	89	10	168	10
JM RC-10-04	304	306	1023402	EXT	0.583	1.5	6.12	5	400	1.5	2	0.14	0.5	14	8	5080	3.88	2.12	1.1	482	30	0.34	11	620	4	1.3	5	15	0.22	72	10	230	10
JM RC-10-04	306	308	1023403	EXT	0.798	1.3	6.32	6	400	1.4	4	0.32	0.8	13	46	4640	4.93	1.91	1.64	688	50	0.48	30	1370	15	0.77	5	17	0.41	107	10	908	110
JM RC-10-04	308	310	1023404	EXT	0.509	1.2	7.42	6	360	1.7	3	0.5	0.6	13	68	4210	5.58	1.94	2.66	791	91	0.48	52	719	30	0.58	5	30	0.58	156	10	214	70
JM RC-10-04	310	312	1023405	EXT	0.543	1.1	8.11	5	290	1.8	4	0.52	0.5	17	79	4800	5.6	2.03	2.93	930	58	0.6	62	2290	10	0.91	5	44	0.86	152	10	199	60
JM RC-10-04	312	314	1023406	EXT	0.535	1	7.53	7	330	1.5	3	0.47	0.5	14	71	4660	4.87	2.18	2.14	442	122	0.78	44	2040	8	0.91	7	36	0.45	137	10	150	40
JM RC-10-04	314	316	1023407	EXT	0.585	1.6	5.48	7	430	1.5	2	0.1	0.5	12	8	5780	3.97	1.85	0.89	293	37	0.08	18	880	14	2.07	6	13	0.61	91	10	112	40
JM RC-10-04	316	318	1023408	EXT	0.488	1.2	7.91	10	430	1.5	3	0.12	0.5	12	36	4570	4.44	2.08	1.58	330	60	0.17	20	945	11	1.38	6	27	0.29	116	10	168	40
JM RC-10-04	318	320	1023409	EXT	0.611	1.7	6.89	15	360	1.8	4	0.13	0.5	17	72	7260	4.64	2.2	1.18	272	64	0.24	16	946	15	2.11	6	22	0.36	98	10	148	40
JM RC-10-04	320	322	1023410	FKT	0.771	1.9	7.11	7	520	1.5	3	0.14	0.5	7	7	9240	3.77	2.14	0.98	143	44	0.05	10	490	10	2.71	6	11	0.42	62	10	73	30
JM RC-10-04	322	324	1023411	ORG	0.645	2.3	5.95	5	360	1.3	5	0.11	0.6	10	9	6230	3.61	1.8	0.54	180	91	0.05	18	430	35	2.67	5	26	0.15	60	10	139	30
JM RC-10-04	324	326	1023413	EXT	0.548	2	8.49	7	300	1.2	2	0.09	3	12	3	8640	4.19	1.63	0.72	384	41	0.08	9	478	46	2.62	5	30	0.49	98	10	388	30
JM RC-10-04	326	328	1023414	EXT	0.586	1.7	6.95	11	370	1.2	2	0.1	0.5	12	3	7040	4.61	1.79	1	456	51	0.1	9	460	16	2.62	4	36	0.17	98	10	192	30
JM RC-10-04	328	330	1023415	EXT	0.753	1.4	6.13	16	480	1.7	3	0.11	0.5	12	2	7250	4.24	1.94	0.8	338	66	0.3	8	900	21	2.81	5	44	0.19	70	10	130	30
JM RC-10-04	330	332	1023416	EXT	0.536	1.5	7.91	11	530	1.3	3	0.17	0.5	11	26	6060	4.99	2.1	1.5	453	64	0.41	14	748	35	2.62	5	50	0.27	108	10	179	20
JM RC-10-04	332	334	1023417	EXT	0.475	1.5	6.21	10	450	1.3	3	0.12	0.5	11	4	6050	4.61	1.98	0.8	425	36	0.53	9	536	9	2.62	5	101	0.16	78	10	138	20
JM RC-10-04	334	336	1023418	EXT	0.664	1.2	7.12	14	520	1.4	3	0.14	0.5	11	11	5730	3.86	2.12	1.14	418	100	0.5	10	645	13	2.88	5	57	0.2	84	10	262	20
JM RC-10-04	336	338	1023419	EXT	0.537	1.4	7.89	9	550	1.4	2	0.14	0.5	12	38	5620	4.34	2.14	1.31	488	78	0.34	16	838	30	1.73	5	57	0.22	84	10	167	30
JM RC-10-04	338	340	1023420	EXT	0.564	1.4	8.57	15	480	1.5	3	0.39	0.5	12	39	5320	4.63	2.2	1.64	474	64	0.1	12	779	6	1.98	5	27	0.35	102	10	211	30
JM RC-10-04	340	342	1023421	EXT	0.578	1.7	7.51	9	450	1.3	3	0.27	0.5	14	34	5020	5.01	2.11	1.86	536	84	0.45	16	1240	10	1.23	5	37	0.35	138	10	197	30
JM RC-10-04	342	344	1023422	EXT	0.761	1.8	8.36	6	280	1.3	3	0.26	0.5	15	45	8410	5.26	2.02	2.16	648	66	0.66	24	1160	16	0.66	7	57	0.55	136	10	166	30
JM RC-10-04	344	346	1023423	EXT	0.758	2	7.05	9	740	1.4	3	0.07	4.9	10	3	7940	4.64	2.27	1.85	665	66	0.19	7	888	34	1.68	7	24	0.2	78	10	911	30
JM RC-10-04	346	348	1023424	EXT	0.715	2	6.66	4	770	1.2	2	0.1	0.5	9	11	7200	4.08	2.15	1.06	524	58	0.23	10	880	8	1.58	6	19	0.2	78	10	130	30
JM RC-10-04	348	350	1023425	EXT	1.545	1.9	6.57	24	780	1.4	2	0.07	0.5	10	5	6250	4.25	2.2	0.79	456	38	0.09	10	880	20	0.9	5	22	0.22	67	10	109	30
JM RC-11-05	0	2	1024426	EXT	0.604	0.5	7.46	34	460	1	2	6.23	0.5	10	11	195	3.4	1.38	1.28	1148	7	1.68	12	740	16	6.05	5	354	0.38	117	10	138	160
JM RC-11-05	2	4	1024427	EXT	0.606	0.5	7.4	166	660	1.1	2	4.98	0.5	32	8	137	3.47	1.56	1.36	3436	8	1.62	12	778	7	0.61	5	366	0.38	78	10	121	40
JM RC-11-05	4	6	1024428	EXT	0.605	0.6	7.67	101	640	1	2	5.82	0.5	25	8	1910	3.26	1.43	1.38	3150	5	1.98	10	788	2	0.61	5	375	0.37	91	10	85	50
JM RC-11-05	6	8	1024429	EXT	0.606	0.9	7.75	24	460	1.1	2	4.89	0.5	14	11	127	3.72	1.4	1.56	933	4	2.22	15	618	2	0.61	5	379	0.42	108	10	73	30
JM RC-11-05	8	10	1024430	EXT	0.605	0.6	7.72	14	480	1	2	4.82	0.5	14	10	79	3.76	1.4	1.54	965	4	2.18	9	820	3	0.61	5	386	0.43	108	10	86	30
JM RC-11-05	10	12	1024431	EXT	0.605	0.5	7.61	17	480	1.1	2	4.91	0.5	14	10	67	3.63	1.45	1.58	916	4	2.53	13	630	2	0.61	5	444	0.43	108	10	86	30
JM RC-11-05	12	14	1024432	EXT	0.605	0.5	7.85	13	470	1.1	2	4.54	0.5	15	12	67	3.99	1.42	1.83	948	5	2.52	17	640	12	0.61	5	466	0.43	157	10	72	30
JM RC-11-05	14	16	1024433	EXT	0.605	0.5	7.87	14	450	1.1	2	4.43	0.5	14	10	52	3.73	1.36	1.36	935	4	2.46	12	605	9	0.61	5	444	0.43	153	10	86	30
JM RC-11-05	16	18	1024434	EXT	0.605	0.5	7.62	9	460	1.1	2	4.41	0.5	14	10	48	3.77	1.38	1.9	943	4	2.53	9	618	9	0.61	5	444	0.43	150	10	86	30
JM RC-11-05	18	20	1024435	EXT	0.606	0.5	7.73	16	465	1.1	2	4.46	0.6	15	12	48	3.79	1.39	1.54	918	5	2.48	20	788	7	0.61	5	451	0.43	151	10	72	30
JM RC-11-05	20	22	1024436	ORG	0.606	0.5	7.6	16	460	1.1	2	4.4	0.5	17	10	47	3.75	1.44	1.53	918	5	2.47	19	808	6	0.61	5	440	0.41	148	10	86	30
JM RC-11-05	22	24	1024438	EXT	0.606	0.5	7.67	4	470	1.1	2	4.39	0.5	14	10	48	3.73	1.44	1.58	931	4	2.51	19	820	7	0.61	5	473	0.42	152	10	86	30
JM RC-11-05	24	26	1024439	EXT	0.606	0.5	7.59	24	460	1.1	2	4.52	0.7	14	9	48	3.89	1.4	1.59	915	3	2.45	17	748	6	0.61	5	451	0.42	148	10	86	30
JM RC-11-05	26	28	1024440	EXT	0.606	0.5	7.64	20	470	1.1	2	4.38	0.5	14	10	52	3.78	1.44	1.59	957	3	2.42	10	670	4	0.61	5	451	0.42	152	10	86	30
JM RC-11-05	28	30	1024441	EXT	0.606	0.5	7.48	24	450	1	2	5.04	0.6	14	9	43	3.59	1.34	1.68	806	3	2.66	16	790	5	0.61	5	429	0.4	143	10	67	30
JM RC-11-05	30	32	1024442	EXT	0.606	0.5	7.66	5	470	1	2	5.08	0.5	13	9	48	3.57	1.4	1.56	782	3	2.17	9	805	3	0.61	5	379	0.4	148	10	67	30
JM RC-11-05	32	34	1024443	EXT	0.606	0.5	7.31	12	480	1	2	4.52	0.5	13	9	44	3.43	1.37	1.46	791	3	2.1	9	750	4	0.61	5	444	0.38	138	10	60	30
JM RC-11-05	34	36	1024444	EXT	0.606	0.5	7.58	14	460	1.1	2	4.66	0.5	15	9	66	3.76	1.52	1.78	873	3	2.31	13	820	5	0.61	5	444	0.41	154	10	86	30
JM RC-11-05	36	38	1024445	EXT	0.606	0.5	7.98	14	440	1.1	2	5.01	0.7	16	9	64	4.04	1.33	1.88	977	4	2.64	9	880	5	0.61	5	429	0.45	162	10	72	30
JM RC-11-05	38	40	1024446	EXT	0.606	0.5	7.63	5	430	1	2	4.87	0.5	15	8	42	3.68	1.34	1.65	846	3	2.33	16	830	6	0.61	5	436	0.44	156	10	86	30
JM RC-11-05	40	42	1024447	EXT	0.606	0.5	7.44	18	420	1	2	4.84	0.7	13	8	45	3.73	1.23	1.56	788	6	1.86	13	808	3	0.61	5	424	0.41	148	10	86	30
JM RC-11-05	42	44	1024448	EXT	0.606	0.5	7.61	20	500	1.1	2	5.02	0.5	15	8	49	3.81	0.95	1.82	794	5	2.07	14	850	4	0.61	5	467	0.43	153	10	73	30
JM RC-11-05	44	46	1024449	EXT	0.606	0.5	8	25	500	1.1	2	5.2	0.5	15	10	45	3.88	1.5	1.58	1385	4	1.46	13	840	31	0.61	5	476	0.42	142	10	180	30
JM RC-11-05	46	48	1024450	ORG	0.606	0.5	7.99	16	420	1.1	2	2	0.5	15	6	44	3.51	1.34	0.99	602	4	1.88	6	686	14	0.61	5	358	0.4	142	10	122	30
JM RC-11-05	48	50	1024452	EXT	0.606	0.5	7.67	25	470	1.1	2	2.64	0.5	12	9	33	3.67	1.16	1	627	6	1.62	6	916	16	0.61	5	315	0.36	108	10	86	30
JM RC-11-05	50	52	1024453	EXT	0.606	0.5	7.44	23	500	1	2	3.23	0.5	12	6	31	3.6	1.13	1.06	649	7	1.68	6	808	15	0.61	5	402	0.36	116	10	86	30
JM RC-11-05	52	54	1024454	EXT	0.607	0.5	7.7	11	560	1.1	2	2.84	0.5	12	8	39	3.66	1.24	0.98	648	7	1.66	10	730	12	0.61	5	429	0.36	120	10	102	30
JM RC-11-05	54	56	1024455	EXT	0.606	0.5	7.66	17	540	1.1	2	2.76	1.2	12	10	36	3.68	1.36	0.94	675	7	2.39	13	780	18	0.61	5	394	0.36	118	10	136	30
JM RC-11-05	56	58	1024456	EXT	0.606	0.5	7.87	15	500	1.2	2	2.34	1.4	15	12	37	3.71	1.5	1.05	776	2	2.41	9	790	25	0.61	5	408	0.37	112	10	136	30
JM RC-11-05	58	60	1024457	EXT	0.609	0.5	7.75	16	600	1.2	2	2.65	1	12	9	41	3.88	1.28	0.92	708	2	2.18	16	830	29	0.61	5	427	0.37	110	10	108	30
JM RC-11-05	60	62	1024458	EXT	0.606	0.5	7.9	19	580	1.2	2	3.53	0.7	14	10	3	3.89	1.62	0.99	891	2	2.91	9	880	17	0.61	5	379	0.4	116	10	95	30
JM RC-11-05	62	64	1024459	EXT	0.606	0.5	8.07	18	560	1.1	2	4.19	0.9	12	9	25	3	1.64	1.16	778	1	1.62	12	880	7	0.61	5	315	0.43	114	10	86	30
JM RC-11-05	64	66	1024460	EXT	0.606	0.5	7.45	12	530	1.2	2	3.38	0.7	12	9	60	2.98	2.16	1.2	638	1	1.64	11	880	7	0.61	5	481	0.34	116	10	136	30
JM RC-11-05	66	68	1024461	EXT	0.606	0.5	7.68	22	480	1.2	2	3.74	0.8	11	9	36	3.06	1.97	1.06	823	1	2.64	16	880	15	0.61	5	467	0.34	129	10	74	30
JM RC-11-05	68	70	1024462	ORG	0.606	0.5	7.93	24	480	1.3	2	3.54	1	12	9	35	2.95	1.98	1.06	776	2	2.59	16	880	9	0.61	5	429	0.34	116	10	86	30
JM RC-11-05	70	72	1024464	EXT	0.605	0.5	8.06	31	480	1.1	2	3.58	0.5	11	7	9	2.98	1.71	1.08	709	2	2.43	10	840	6	0.61	5	394	0.35	116	10	86	30
JM RC-11-05	72	74	1024465	EXT	0.609	0.5	7.15	24	520	1.1	2	3.8	1.1	11	7	45	3.09	1.71	1.16	687	2	1.88	12	670	6	0.61	5	382	0.33	115	10	71	30
JM RC-11-05	74	76	1024466	EXT	0.607	0.5	6.9	22	560	1.1	2	3.78	0.9	11	9	46	3.1	1.56	1.11	788	2	2.08	12	660	11	0.61	5	341	0.35	138	10	77	30
JM RC-11-05	76	78	1024467	EXT	0.605	0.5	7.36	31	560	1.1	2	3.73	0.8	11	9	39	3.17	1.49	1.13	699	1	2.21	15	660	11	0.61	5	354	0.35	114	10	74	30
JM RC-11-05	78	80	1024468	EXT	0.606	0.5	7.36	14	560	1.1	2	3.61	1.1	12	9	56	3.27	1.4	1.22	642	1	2.47	10	730	20	0.61	5	354	0.35	117	10	86	30
JM RC-11-05	80	82	1024469	EXT	0.606	0.5	7.29	41	480	1.1	2	4.05	0.9	11	9	27	3.12	1.62	1.28	656	3	2.61	12	660	12	0.61	5	446	0.35	116	10	80	30
JM RC-11-05	82	84	1024470	EXT	0.606	0.5	7.37	24	470	1.2	2	4.06	0.7	12	7	30	3.2	0.96	1.21	643	2	2.68	9	660	10	0.61	5	366	0.34	118	10	74	30
JM RC-11-05	84	86	1024471	EXT	0.611	0.9	7.48	21	500	1.1	2	2.58	1	13	11	46	3.58	1.54	1.09	721	3	2.34	10	730	17	0.61	5	379	0.34	126	10	112	30
JM RC-11-05	86	88	1024472	EXT	0.61	0.7	7.62	17	650	1	2	3.14	0.8	12	10	41	3.86	1.69	0.98	889	2	1.96	6	790	10	0.61	5	309	0.34	114	10	168	30
JM RC-11-05	88	90	1024473	EXT	0.607	0.5	7.46	19	560	1.1	2	2.97	0.9	13	9	15	3.34	1.22	1.24	634	1	2.31	14	790	30	0.61	5	354	0.34	129	10	86	30
JM RC-11-05	90	92	1024474	EXT	0.606	0.5	7.19	38	530	1.1	2	2.97	0.9	15	5	136	3.5	1.08	1.54	931	1	2.41	10	630	9	0.68	5	341	0.35	138	10	85	30
JM RC-11-05	92	94	1024475	EXT	0.606	0.5	7.83	86	810	1.3	2	2.97	0.9	22	8	603	3.7	1.04	1.38	691	1	2.74	33	660	9	0.68	5	386	0.36	138	10	204	30
JM RC-11-05	94	96	1024476	EXT	0.606	0.5	7.68	14	740	1.7	2	3.42	0.9	16	7	2179	4.6	1.68	1.1	861	3	0.56	19	660	2	0.93	5	150	0.35	126	10	194	30
JM RC-11-05	96	98	1024477	EXT	0.606	0.5	7.59	57	640	1.3	2	3.03	0.9	57	5	2620	3.4	1.3	1.24	1188	2	2.41	34	648	16	0.68	5	347	0.36	126	10	223	30
JM RC-11-05	98	100	1024478	ORG	0.216	0.5	7.63	32	880	1.6	2	1.08	0.5	9	11	2390	5.12	1.71	0.78	262	4	0.52	15	670	15	0.68	5	130	0.35	122	10	187	80
JM RC-11-05	100	102	1024480	EXT	0.075	0.8	7.52	32	400	1.7	2	0.5	0.5	2	34	307	4.49	2.39	0.24	36	34	0.25	13	740	5	0.64	5	142	0.32	136	10	39	80
JM RC-11-05	102	104	1024481	EXT	0.539	0.8	7.43	13	630	0.8	3	0.26	0.6	8	34	648	4.65	2	0.4	78	37	0.33	22	730	3	0.82	5	83	0.15	141	10	61	80
JM RC-11-05	104	106	1024482	EXT	0.564	0.8	7.66	14	660	1.3	2	0.23	0.7	10	32	2600	4.64	1.62	0.54	127	34	0.31	31	880	3	1	5	192	0.36	142	10	46	80
JM RC-11-05	106	108	1024483	EXT	0.181	0.8	6.95	17	720	1.2	2	0.19	1.1	26	33	3140	4.79	2.15	0.73	157	29	0.29	46	880	3	1.62	5	229	0.4	142	10	123	80
JM RC-11-05	108	110	1024484	EXT	0.149	1	7.9	13	630	1.5	2	0.19	0.9	24	57	5330	5.82	1.62	0.85	156	49	0.16	95	1030	8	0.64	5	354	0.34	114	10	114	70
JM RC-11-05	110	112	1024486	EXT	0.071	0.8	6.17	18	1040	0.5	2	0.06	0.7	8	12	1560	2.37	2.21	0.24	60	37	0.24	11	560	44	0.67	5	164	0.1	60	10	18	30
JM RC-11-05	112	114	1024485	EXT	0.13	0.7	7.23	13	850	0.8	2	0.12	0.5	8	31	1710	3.52	2.18	0.35	97	39	0.26	35	880	15	0.87	5	224	0.15	134	10	31	60
JM RC-11-05	114	116	1024487	EXT	0.199	1	7.22	11	80	0.9	2	0.17	0.8	32	34	3100	5.29	2.23	0.54	139	77	0.22	33	1000	10	0.89	5	366	0.13	135	10	78	10
JM RC-11-05	116	118	1024488	EXT	0.415	1.5	6.87	145	130	1	2	0.24	1.2	34	38	5310	5.16	1.74	0.35	97	69	0.15	38	1360	30	0.42	5	300	0.16	134	10	42	1130
JM RC-11-05	118	120	1024489	EXT	0.13	1.1	7.53	256	110	0.5	2	0.08	0.6	42	38	2960	4.06	2.26	0.33	91	41	0.26	44	660	10	4.21	5	195	0.2	195	10	304	1260
JM RC-11-05	120	122	1024490	EXT	0.168	0.6	8	30	840	1.6	2	0.39	0.7	34	33	2750	5.13	2.25	0.99	217	46	0.16	39	1660	12	1.06	5	483	0.26	136	10	134	160
JM RC-11-05	122	124	1024491	EXT	0.169	0.7	7.83	14	910	1.4	2	0.18	1	16	25	2120	5.87	0.75	1.66	217	37	0.1	37	660	2	0.76	5	75	0.24	84	10	146	120
JM RC-11-05	124	126	1024492	EXT	0.219	1	7.81	10	830	1.9	2	0.22	1.2	30	27	3280	6.12	0.66	1.97	139	50	0.11	24	1620	7	1.33	5	203	0.13	102	10	84	60
JM RC-11-05	126	128	1024493	ORG	0.201	0.9	8.45	7	370	1.3	2	0.19	0.8	19	25	3410	4.29	0.8	1.14	84	88	0.14	35	1040	38	2.5	5	124	0.16	108	10	72	70
JM RC-11-05	128	130	1024495	EXT	0.172	0.5	7.1	13	880	1.5	2	0.08	0.6	21	32	2370	4.46	0.65	1.19	108	38	0.22	34	660	9	1.22	5	172	0.24	128	10	84	80
JM RC-11-05	130	132	1024496	EXT	0.16	0.7	7.97	5	820	1.8	2	0.15	0.6	29	33	3250	4.16	1.22	1.39	130	64	0.27	44	1300	5	1.98	5	315	0.24	148	10	74	80
JM RC-11-05	132	134	1024497	EXT	0.217	0.6	7.79	10	840	1.4

RCH	From	To	SAM	CAT	As_ppm	Ag_ppm	Al_%	Au_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	La_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-11-05	162	164	1625513	EXT	0.087	0.5	7.26	14	490	1.4	2	0.16	0.5	17	15	1190	3.1	1.6	111	114	490	4.22	20	600	4	2.36	5	67	0.09	88	16	80	20
JM RC-11-05	164	166	1625514	EXT	0.056	0.5	7.77	15	670	1.4	2	0.15	0.5	16	15	1095	2.86	1.62	116	138	30	6.23	18	610	2	1.88	5	51	0.11	71	16	94	20
JM RC-11-05	166	168	1625515	EXT	0.114	0.7	6.91	19	620	1.5	2	0.16	1	15	22	1375	3.67	1.66	126	135	77	6.27	24	670	2	1.86	5	91	0.13	88	16	129	18
JM RC-11-05	168	170	1625516	EXT	0.121	0.5	7.01	16	390	1.9	4	0.22	0.5	18	33	1280	3.89	1.59	1.64	225	42	6.21	29	1050	2	1.38	5	42	0.17	141	16	139	30
JM RC-11-05	170	172	1625517	EXT	0.143	0.6	7.68	20	510	1.5	4	0.21	0.5	16	32	1460	3.76	1.67	1.59	207	116	6.17	27	930	2	1.61	5	46	0.16	135	16	158	30
JM RC-11-05	172	174	1625518	EXT	0.112	0.5	7.61	17	980	1.6	5	0.22	0.5	21	32	1540	4.2	1.6	1.74	271	79	6.42	30	1040	2	1.39	5	42	0.14	140	16	168	30
JM RC-11-05	174	176	1625519	EXT	0.12	0.5	7.77	20	880	1.9	5	0.25	0.5	22	35	1955	4.79	1.63	1.79	262	42	6.9	29	1060	2	1.42	5	39	0.16	145	16	173	30
JM RC-11-05	176	178	1625520	EXT	0.094	0.5	7.58	23	590	1.4	5	0.22	0.5	17	31	1035	4.9	1.66	1.7	288	38	6.2	27	1020	2	1.79	5	28	0.14	140	16	179	30
JM RC-11-05	178	180	1625521	EXT	0.102	0.5	7.95	23	610	1.7	5	0.27	0.5	20	33	1300	4.43	1.66	1.66	279	93	6.17	31	1120	2	1.9	5	36	0.2	146	16	208	30
JM RC-11-05	180	182	1625522	ORG	0.171	0.5	7.62	16	530	1.3	2	0.2	0.5	16	29	2120	3.17	1.66	1.45	190	69	6.24	25	800	2	1.68	5	84	0.13	128	16	238	30
JM RC-11-05	182	184	1625524	EXT	0.197	0.5	7.69	16	280	1.5	5	0.24	1	20	29	1750	4.17	1.68	1.62	167	136	6.16	25	950	2	2.56	5	179	0.16	130	16	224	30
JM RC-11-05	184	186	1625525	EXT	0.093	0.5	7.41	13	910	1.3	5	0.19	0.5	19	29	1955	3.29	1.62	1.57	150	148	6.16	20	800	2	1.34	7	67	0.16	129	16	148	30
JM RC-11-05	186	188	1625526	EXT	0.095	0.5	7.41	22	880	1.4	4	0.21	0.5	16	30	1210	4.15	1.63	1.66	162	54	6.22	39	950	2	1.66	5	94	0.21	130	16	144	30
JM RC-11-05	188	190	1625527	EXT	0.148	0.5	7.31	17	580	1.2	3	0.21	0.5	26	30	1620	4.38	1.6	1.7	173	52	6.22	27	790	2	2.16	5	67	0.2	126	16	146	30
JM RC-11-05	190	192	1625528	EXT	0.132	0.5	7.47	14	660	1.2	2	0.13	0.7	25	29	2570	3.91	1.7	1.39	125	112	6.29	27	660	4	3.03	5	88	0.13	126	16	136	30
JM RC-11-05	192	194	1625529	EXT	0.112	0.5	7.59	19	610	1.9	5	0.2	0.6	20	32	2570	4.4	1.64	1.73	253	54	6.39	31	940	2	0.91	5	54	0.22	134	16	157	30
JM RC-11-05	194	196	1625530	EXT	0.123	0.5	8.3	11	270	2	5	0.34	0.6	19	38	1960	5.84	1.64	1.62	355	126	6.18	34	1530	3	0.65	5	34	0.25	164	16	264	30
JM RC-11-05	196	198	1625531	EXT	0.074	0.5	8.4	7	360	1.8	5	0.16	1.1	20	27	1335	3.74	1.65	1.39	219	182	6.37	24	650	3	1.3	9	86	0.16	126	16	500	30
JM RC-11-05	198	200	1625532	EXT	0.088	0.5	9.29	18	500	2.7	4	0.2	1	19	41	1588	5.38	1.6	1.6	371	80	6.31	24	800	2	1.16	5	62	0.17	178	16	208	30
JM RC-11-05	200	202	1625533	EXT	0.139	0.5	8.12	16	860	1.9	5	0.32	0.6	27	30	2520	3.72	1.62	1.5	327	383	6.21	36	810	3	1.44	5	39	0.19	114	16	431	30
JM RC-11-05	202	204	1625534	EXT	0.119	0.5	8.5	21	780	1.9	7	0.15	1.9	22	19	2130	2.83	1.63	0.67	537	61	6.33	21	800	2	1.53	12	41	0.07	75	16	387	40
JM RC-11-05	204	206	1625535	EXT	0.18	0.7	7.19	17	900	1.5	5	0.21	0.5	36	27	2470	2.94	1.61	0.87	132	76	6.27	22	860	2	1.72	5	55	0.13	108	16	301	30
JM RC-11-05	206	208	1625536	EXT	0.28	0.5	7.61	16	740	1.6	6	0.2	0.7	22	28	1795	3.5	1.79	1.26	341	56	6.47	24	880	3	2	5	42	0.13	118	16	436	30
JM RC-11-05	208	210	1625537	EXT	0.191	0.5	6.44	22	840	1.7	5	0.19	0.5	23	28	2080	3.48	1.76	1.33	261	141	6.29	27	830	2	1.7	5	44	0.13	112	16	498	30
JM RC-11-05	210	212	1625538	ORG	0.15	0.5	7.37	14	680	1.6	5	0.31	0.6	21	27	2370	3.26	1.62	0.84	1.28	1.28	0.24	23	800	2	2.48	5	37	0.12	110	20	317	30
JM RC-11-05	212	214	1625540	EXT	0.139	0.5	8.02	19	830	1.8	2	0.31	0.5	25	38	2430	4.08	2.05	1.9	307	223	6.2	39	1360	2	1.62	8	33	0.16	151	18	826	30
JM RC-11-05	214	216	1625541	EXT	0.172	0.5	9.58	25	1140	2.1	5	0.19	1.9	18	21	2180	3	1.66	0.87	208	118	1.37	24	880	2	1.7	9	61	0.1	87	10	766	80
JM RC-11-05	216	218	1625542	EXT	0.136	0.6	8.48	29	910	2.6	6	0.26	0.7	24	72	1815	4.78	1.62	2.29	445	77	0.22	58	1360	2	0.83	5	24	0.24	174	20	956	10
JM RC-11-05	218	220	1625543	EXT	0.153	0.6	7.2	18	810	1.4	2	0.15	0.5	14	15	1960	2.84	1.9	0.86	198	114	0.22	14	910	2	1.34	5	41	0.11	75	20	378	10
JM RC-11-05	220	222	1625544	EXT	0.089	0.7	6.42	21	870	1.1	2	0.09	1.1	13	8	1710	2.18	1.91	0.61	101	114	0.18	14	420	2	1.73	5	46	0.08	45	20	203	20
JM RC-11-05	222	224	1625545	EXT	0.206	0.7	6.68	12	790	1.1	5	0.09	0.6	11	5	1925	2.01	1.66	0.7	120	68	0.14	10	410	2	1.35	5	88	0.08	38	10	164	10
JM RC-11-05	224	226	1625546	EXT	0.139	0.6	5.82	13	910	1	2	0.06	0.6	16	5	2580	2.31	2.27	0.61	139	108	0.12	9	340	2	1.58	5	55	0.08	37	10	142	10
JM RC-11-05	226	228	1625547	EXT	0.169	0.6	6.23	11	870	1.1	4	0.07	0.6	15	8	3110	2.31	2.22	0.62	134	118	0.12	8	360	2	1.66	8	47	0.08	61	30	139	10
JM RC-11-05	228	230	1625548	EXT	0.154	0.7	6.65	17	830	1.2	3	0.1	0.5	16	11	3170	2.62	1.99	0.78	159	160	0.16	11	470	2	1.69	8	36	0.09	56	10	157	10
JM RC-11-05	230	232	1625549	EXT	0.151	0.8	7.37	14	620	1.4	4	0.16	0.5	16	28	2960	4.46	2.07	1.06	415	84	0.18	29	780	2	2.13	5	50	0.16	112	10	405	10
JM RC-11-05	232	234	1625550	EXT	0.195	0.7	7.42	16	460	1.4	2	0.18	0.7	21	50	4130	4.02	2.01	1.62	324	160	0.18	47	670	3	2.48	5	84	0.17	132	10	297	10
JM RC-11-05	234	236	1625551	ORG	0.241	0.7	7.68	20	940	1.9	4	0.23	1.7	19	38	3080	3.56	1.98	1.32	239	102	0.2	38	1080	2	1.77	5	51	0.15	122	10	221	10
JM RC-11-05	236	238	1625552	EXT	0.16	2	7.09	17	930	1.1	2	0.22	0.5	19	27	2670	3.71	2.07	0.99	193	137	0.17	22	930	2	3.43	8	35	0.12	112	10	137	20
JM RC-11-05	238	240	1625554	EXT	0.156	1.7	7.2	10	840	1.1	2	0.18	0.5	19	27	2910	3.45	1.98	1.2	171	215	0.21	21	780	3	2.74	7	29	0.2	106	10	130	10
JM RC-11-05	240	242	1625555	EXT	0.109	0.6	7.17	13	710	1.3	2	0.18	0.6	20	25	1845	4.23	1.98	1.07	118	70	0.22	27	730	2	4.39	5	23	0.1	118	10	114	10
JM RC-11-05	242	244	1625556	EXT	0.16	1.4	6.88	12	620	1.4	4	0.17	0.6	20	25	2140	3.98	2.12	0.88	112	168	0.18	20	660	2	4.26	6	23	0.1	86	10	112	10
JM RC-11-05	244	246	1625557	EXT	0.231	4.2	6.88	26	630	1.7	9	0.24	1.9	20	24	2300	4.1	1.92	1.23	218	330	0.18	28	1020	127	3.41	5	29	0.11	112	16	1320	80
JM RC-11-05	246	248	1625558	EXT	0.194	1.3	7.57	13	550	2.2	9	0.21	0.5	19	27	2410	4.41	1.84	1.54	266	128	0.18	26	880	2	2.89	5	38	0.21	126	16	264	10
JM RC-11-05	248	250	1625559	EXT	0.23	0.7	8.58	17	620	2.5	7	0.33	0.9	22	41	2770	4.98	2.14	2.06	458	124	0.16	36	1110	2	1.38	5	59	0.26	154	16	278	10
JM RC-11-05	250	252	1625560	EXT	0.379	1.1	8.02	14	888	2.1	7	0.26	0.7	20	35	3960	4.16	1.7	1.8	363	99	0.29	29	1080	2	1.62	7	29	0.24	161	16	188	10
JM RC-11-05	252	254	1625561	EXT	0.45	1.6	6.28	6	610	1.2	2	0.41	0.5	22	23	5750	3.63	1.79	0.62	286	317	0.08	17	1280	3	2.72	5	17	0.14	128	16	167	10
JM RC-11-05	254	256	1625562	EXT	0.602	1.6	7.31	7	620	1.6	3	0.38	0.5	31	27	7560	6.91	1.6	1.38	624	369	0.11	26	1040	5	3.64	5	18	0.2	172	16	184	30
JM RC-11-05	256	258	1625563	ORG	0.466	1.3	7.88	13	830	1.8	5	0.19	1	17	22	5210	4.56	2.36	1.3	456	116	0.39	25	970	2	2.64	5	25	0.17	156	16	163	10
JM RC-11-05	258	260	1625565	EXT	0.285	0.8	7.54	16	620	1.8	6	0.23	2	24	31	3560	4.52	2.49	1.31	411	114	0.16	26	630	28	2.53	5	17	0.15	134	16	187	10
JM RC-11-05	260	262	1625566	EXT	0.284	1.2	7.64	14	640	1.6	2	0.19	1.2	21	31	3300	4.13	2.12	1.33	448	119	0.23	24	620	19	2.21	5	20	0.16	138	16	364	20
JM RC-11-05	262	264	1625567 EXT		0.308	0.6	7.31	11	360	1.7	2	0.18	2.4	20	28	2310	3.86	2.08	1.39	488	98	0.31	14	610	33	3.26	6	18	0.17	114	10	407	20
JM RC-11-05	264	266	1625568	EXT	0.24	0.6	7.15	16	570	1.4	2	0.18	0.5	18	27	2950	3.98	2.07	1.11	369	75	0.13	7	1.87	9	14	0.16	111	16	184	10
JM RC-11-05	266	268	1625569	EXT	0.235	0.6	7.13	5	460	1.6	3	0.18	0.5	16	26	2820	4.16	1.82	1.24	283	69	0.26	21	700	2	1.66	5	17	0.21	114	16	168	10
JM RC-11-05	268	270	1625570	EXT	0.168	0.6	7.1	10	440	1.6	3	0.18	0.5	13	24	1780	4.36	1.96	1.53	165	45	0.16	28	700	3	1.22	5	38	0.23	133	16	164	10
JM RC-11-05	270	272	1625571	EXT	0.268	1.4	7.82	15	880	1.6	3	0.21	2	20	33	3370	5.08	2.46	1.47	349	76	0.4	29	830	15	2.18	5	28	0.2	133	16	239	10
JM RC-11-05	272	274	1625573	EXT	0.335	1.2	7.82	6	830	1.4	5	0.22	1.7	18	30	3250	4.87	2.06	1.24	229	73	0.21	31	770	10	2.16	5	15	0.18	126	16	163	10
JM RC-11-05	274	276	1625575	EXT	0.251	0.9	7.7	13	660	1.5	7	0.16	1.9	17	41	2570	4.6	2.08	1.61	274	135	0.66	26	660	9	2.21	5	27	0.2	140	16	144	10
JM RC-11-05	276	278	1625574	EXT	0.373	0.6	7.67	16	650	1.5	6	0.22	2.3	17	48	2860	5.31	2.48	1.99	278	90	0.66	28	780	12	2.44	7	31	0.18	145	16	178	10
JM RC-11-05	278	280	1625576	EXT	0.221	1	7.67	7	580	1.4	6	0.17	2.2	13	39	2580	5.82	2.86	1.73	344	84	1.39	27	610	7	1.1	5	44	0.25	153	16	146	10
JM RC-11-05	280	282	1625577	EXT	0.136	1.5	7.43	11	460	1.6	7	0.22	2	22	50	3160	5.79	1.71	1.7	424	92	1.16	36	830	11	2.31	9	37	0.22	139	16	201	10
JM RC-11-05	282	284	1625578	ORG	0.465	3	6.82	24	620	1.5	6	0.15	2.1	16	37	4340	4.48	2.52	1.82	366	68	0.47	23	730	32	2.31	5	22	0.18	122	16	188	20
JM RC-11-05	284	286	1625579	EXT	0.424	1.4	7.71	10	480	2	4	0.14	2.4	16	45	3950	4.3	2.65	1.42	359	87	0.44	29	730	41	1.92	5	21	0.16	133	16	231	10
JM RC-11-05	286	288	1625580	EXT	0.319	2.1	7.34	19	620	1.7	6	0.2	2	15	52	3370	5.14	2.66	1.54	536	116	0.5	30	780	49	2.75	9	30	0.19	140	16	272	30
JM RC-11-05	288	290	1625581	EXT	0.372	1.8	6.88	17	710	1.6	6	0.31	1.6	21	33	3400	5.52	2.66	1.29	456	54	0.4	29	1300	16	3.58	9	27	0.15	142	16	192	30
JM RC-11-05	290	292	1625582	EXT	0.407	1.4	7.19	17	640	1.6	7	0.2	3	19	36	3130	4.21	1.98	1.67	347	85	1.12	27	720	62	1.4	7	39	0.2	126	16	994	10
JM RC-11-05	292	294	1625583	EXT	0.236	0.6	6.99	13	360	1.4	6	0.17	1.9	12	31	2230	3.67	1.9	1.08	234	49	0.46	25	630	5	1.34	5	14	0.17	114	16	148	10
JM RC-11-05	294	296	1625584	EXT	0.254	0.6	7.2	8	530	1.5	5	0.19	1.6	15	33	2360	4.11	1.94	1.62	288	44	1.48	24	730	8	1.48	5	42	0.19	134	16	174	10
JM RC-11-05	296	298	1625585	EXT	0.18	0.5	7.02	10	530	1.5	5	0.17	1.4	14	35	1625	3.58	2.1	1.04	288	118	0.33	30	610	6	1.62	5	37	0.16	116	16	146	10
JM RC-11-05	298	300	1625586	EXT	0.274	0.7	7.97	11	660	1.3	4	0.23	2	16	29	2520	4	1.94	1.62	307	61	1.4	18	720	22	1.5	5	49	0.19	114	16	142	20
JM RC-11-05	300	302	1625587	EXT	0.154	0.7	7.44	5	850	1.5	3	0.25	2	13	21	1460	3.22	2.06	1.34	318	98	2.69	17	730	10	1.38	5	61	0.17	97	16	157	10
JM RC-11-05	302	304	1625588	EXT	0.203	0.6	6.95	9	910	1.8	6	0.19	1.6	17	22	2260	2.64	2.47	1.89	269	58	0.9	12	640	14	1.54	5	53	0.11	87	16	118	10
JM RC-11-05	304	306	1625589	EXT	0.181	0.5	7.38	22	940	1.7	4	0.23	1.2	9	14	1870	2.79	2.34	1.12	305	94	1.31	15	720	9	0.99	5	46	0.14	71	16	123	10
JM RC-11-05	306	308	1625590	EXT	0.29	0.6	7.41	18	580	1.9	2	0.39	1.6	14	31	2740	3.87	2.1	1.74	405	64	1.24	24	1100	10	1.15	5	47	0.22	121	10	143	10
JM RC-11-05	308	310	1625591	EXT	0.176	0.6	7.73	5	780	2.2	9	0.32	1.6	15	36	1900	4.29	2.17	1.6	425	40	0.81	39	1300	12	0.83	5	65	0.27	158	16	164	10
JM RC-11-05	310	312	1625592	ORG	0.255	0.5	7.38	7	810	1.8	3	0.21	1.2	14	31	2670	3.84	2.25	1.5	338	79	1.04	24	940	38	1.14	5	43	0.23	122	10	163	10
JM RC-11-05	312	314	1625594	EXT	0.284	0.7	7.51	10	730	1.6	4	0.21	1.5	14	41	2310	3.6	2.01	1.62	367	43	1.51	25	750	19	0.37	5	74	0.23	120	10	168	10
JM RC-11-05	314	316	1625595	EXT	0.314	0.8	7.38	24	810	1.7	5	0.18	1.4	18	27	3620	3.61	1.86	1.56	430	42	1.36	25	730	7	0.47	5	50	0.16	116	10	200	10
JM RC-11-05	316	318	1625596	EXT	0.345	0.6	6.91	16	680	1.7	7	0.16	2.1	13	27	3910	3.52	2.09	1.46	367	67	0.99	22	700	9	1.15	5	36	0.16	105	10	175	10
JM RC-11-05	318	320	1625597	EXT	0.156	0.5	7.58	10	670	2.2	9	0.25	1.9	15	35	1750	4.53	2.26	2.11	302	86	1.41	23	630	9	0.64	5	64	0.3	148	10	379	10
JM RC-11-05	320	322	1625598	EXT	0.158	0.5	7.81	8	600	1.8	7	0.23	1.6	13	30	1630	3.75	2.15	1.95	436	51	1.73	22	860	10	0.98	5	58	0.22	128	10	220	10
JM RC-11-05	322	324	1625599	EXT	0.222	0.5	7.8	8	540	1.7	8	0.2	1.6	12	30	1985	3.79	1.94	1.79	460	54	2.11	22	750	18	0.58	5	68	0.29	118	10	226	10
JM RC-11-05	324	326	1626600	EXT	0.259	0.7	7.2	14	490	1.6	8	0.18	1.7	14	32	2130	4.16	1.73	1.76	438	45	1.63	23	660	17	0.79	5	56	0.21	123	10	228	10
JM RC-11-05	326	328	1626601	EXT	0.168	0.5	7.13	26	670	1.5	7	0.19	1.9	12	34	1715	4.19	1.96	1.69	408	104	1.51	20	760	10	0.61	5	52	0.22	122	10	207	10
JM RC-11-05	328	330	1626602	EXT	0.174	0.5	7.44	14	530	1.5	7	0.18	1.9	12	29	1580	4.13	2.16	1.5	325	57	1.84	21	740	9	1.4	5	40	0.17	118	10	188	10
JM RC-11-05	330	332	1626603	EXT	0.251	0.5	7.39	12	550	1.4	6	0.18	1.9	12	27	2180	4.14	2.28	1.81	417	54	1.22	16	740	12	1.14	5	33	0.17	118	10	183	10
JM RC-11-05	332	334	1626604	EXT	0.18	0.6	4	30	800	2	6	0.25	2.3	20	48	1935	4.86	2.37	2.37	526	95	1.16	38	860	14	1.02	5	75	0.3	144	10	383	10
JM RC-11-05	334	336	1626605	EXT	0.177	0.5	7.42	16	410	1.4	6	0.18	1.8	14	30	1830	3.83	1.88	1.64	391	40	1.8	20	710	7	0.88	5	46	0.2	114	10	196	10
JM RC-11-05	336	338	1626606	EXT	0.196	0.6	7.9	18	470	1.8	6	0.19	1.9	16	46	2420	4.3	2.42	2.19	434	82	0.87	29	880	8	1.03	5	35	0.25	136	10	239	10
JM RC-11-05	338	340	1626607	EXT	0.24	0.7	7.57	27	470	1.9	6	0.29	1.8	22	33	3300	4.26	2.59	1.6	364	65	0.7	29	840	15	0.97	5	27	0.18	114	10	216	10
JM RC-11-05	340	342	1626608	ORG	0.219	0.6	7.81	34	430	1.6	6	0.22	1.6	13	34	2520	3.65	2.07	1.61	437	136	1.86	22	750	23	1.21	5	39	0.18	116	10	238	10
JM RC-11-05	342	344	1626610	EXT	0.158	0.6	7.04	12	340	1.4	7	0.21	2	14	31	1720	3.98	1.72	1.6	480	53	1.72	20	710	17	1.16	5	40	0.2	110	10	209	10
JM RC-11-05	344	346	1626611	EXT	0.148	0.5	7.19	17	370	1.6	7	0.29	1.8	17	32	1765	4.4	1.85	1.69	641	60	1.84	19	860	8	1.01	5	42	0.18	114	10	174	10

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-12-05	28	29	102427	EXT	0.124	0.6	7.99	15	570	1.8	7	6.08	1.8	7	23	718	3.3	2.4	1.46	347	45	0.23	21	610	4	0.17	5	84	0.18	104	10	120	30
JM RC-12-05	29	30	102428	EXT	0.126	0.6	8.23	20	610	1.7	8	6.07	1.7	8	21	800	3.37	2.45	1.39	318	43	0.19	17	605	12	0.17	5	84	0.18	102	10	136	40
JM RC-12-05	30	32	102429	EXT	0.143	0.6	4.3	17	610	1.6	9	6.07	1.7	8	22	756	3.5	2.61	1.56	375	56	0.18	14	640	11	0.26	5	88	0.18	106	10	214	50
JM RC-12-05	32	34	102430	EXT	0.097	0.5	8.25	16	630	1.4	7	6.07	1.2	10	25	816	3.59	2.34	1.74	401	50	0.17	21	660	6	0.14	5	122	0.21	120	10	186	20
JM RC-12-05	34	36	102431	ORG	0.111	0.6	8.41	14	660	1.4	6	6.08	1.6	6	26	1158	3.7	2.61	1.44	278	68	0.21	18	650	10	0.21	5	136	0.17	125	10	142	40
JM RC-12-05	36	38	102433	EXT	0.097	0.6	8.88	7	600	1.4	9	6.06	1.5	9	29	1495	3.97	2.05	1.79	396	48	0.21	21	630	8	0.29	5	109	0.21	140	10	158	30
JM RC-12-05	38	40	102434	EXT	0.148	0.5	9.1	9	640	1.4	5	6.06	1.9	10	27	1815	3.48	2	1.54	134	44	0.18	18	647	10	0.31	5	131	0.18	122	10	142	50
JM RC-12-05	40	42	102435	EXT	0.115	0.5	9.11	16	610	1.2	6	6.08	1.6	10	25	2070	3.58	2.34	1.54	348	43	0.2	20	665	9	0.54	5	112	0.18	108	10	122	50
JM RC-12-05	42	44	102436	EXT	0.095	0.5	8	21	560	1.1	10	6.08	1.3	9	25	3360	3.33	2.47	1.53	328	52	0.22	19	560	8	0.66	5	102	0.17	100	10	112	60
JM RC-12-05	44	46	102437	EXT	0.161	0.6	7.94	18	720	1.2	9	6.08	1.6	6	23	1460	3.93	2.41	1.28	264	65	0.18	19	670	9	0.35	5	128	0.14	112	10	104	60
JM RC-12-05	46	48	102438	EXT	0.108	0.5	7.97	51	670	1.3	7	6.08	1.1	4	23	863	3.14	2.74	0.44	122	70	0.19	19	670	8	0.2	5	157	0.15	118	10	75	60
JM RC-12-05	48	50	102439	EXT	0.136	0.7	7.97	46	660	1.1	6	6.08	1.5	2	25	788	2.74	2.64	0.94	140	74	0.19	17	747	21	0.19	5	145	0.14	114	10	102	50
JM RC-12-05	50	52	102440	EXT	0.207	0.5	7.53	14	610	1.4	5	6.08	1.6	3	22	668	4.19	2.91	1.12	266	72	0.12	16	720	5	0.21	5	126	0.16	114	10	174	50
JM RC-12-05	52	54	102441	EXT	0.203	0.6	8.83	16	1020	1.1	6	6.06	1	2	15	865	3.13	2.88	0.78	191	94	0.11	10	670	10	0.3	11	127	0.11	84	10	96	60
JM RC-12-05	54	56	102442	EXT	0.179	0.7	9.64	19	1130	1.2	6	6.06	1.6	1	14	933	3.39	2.57	0.63	190	70	0.11	8	670	8	0.2	5	119	0.09	74	10	107	60
JM RC-12-05	56	58	102443	EXT	0.231	0.8	7	24	350	2.1	3	6.19	2.2	23	141	3130	8.53	1.64	2.72	874	62	0.1	64	2460	10	0.41	5	458	0.43	164	10	254	70
JM RC-12-05	58	60	102444	EXT	0.243	0.7	7.2	18	270	1.5	7	6.13	1.4	15	79	1330	3.75	1.88	2	448	43	0.12	51	1370	16	0.4	5	134	0.25	136	10	344	30
JM RC-12-05	60	62	102445	EXT	0.266	1	7.29	34	500	1.2	7	6.09	1.4	8	34	1225	3.81	2.56	1.06	235	104	0.16	19	660	8	0.33	5	166	0.18	166	10	172	40
JM RC-12-05	62	64	102446	EXT	0.191	0.6	7.71	21	700	1.8	5	6.08	1.3	16	32	4160	4.65	2.58	1.5	422	66	0.14	20	730	3	0.7	7	45	0.19	110	10	325	30
JM RC-12-05	64	66	102447	ORG	0.135	0.8	7.94	23	660	1.4	6	6.08	1.7	15	20	3460	3.76	2.64	1.44	403	76	0.15	19	770	3	0.93	5	66	0.19	163	10	277	30
JM RC-12-05	66	68	102448	EXT	0.132	0.8	8.83	8	450	1.1	5	6.07	1.5	17	15	4130	3.17	2.48	0.65	148	47	0.22	14	630	7	1.8	5	82	0.1	84	10	74	40
JM RC-12-05	68	70	102450	EXT	0.136	0.6	5.98	17	410	0.7	6	6.05	1.3	11	6	5070	2.72	3.3	0.4	74	63	0.13	12	540	5	2.18	5	45	0.05	30	10	50	30
JM RC-12-05	70	72	102451	EXT	0.109	0.5	5.68	6	465	0.9	3	6.02	0.8	6	7	4605	2.06	3.36	0.58	43	66	0.12	6	540	7	1.63	5	46	0.05	36	10	36	30
JM RC-12-05	72	74	102453	EXT	0.181	1.5	5.57	5	360	0.6	7	6.02	0.8	8	6	5860	2.83	2.24	0.43	58	79	0.14	11	270	8	2	5	30	0.08	38	10	46	30
JM RC-12-05	74	76	102454	EXT	0.116	1	5.36	11	510	0.9	7	6.02	1	11	9	4750	1.97	2.22	0.35	61	183	0.1	10	330	2	1.79	5	40	0.06	22	10	36	30
JM RC-12-05	76	78	102455	EXT	0.133	0.7	5.7	7	405	0.7	4	6.01	1.2	14	1	5300	2.48	2.38	0.51	133	97	0.11	7	300	2	2.14	5	44	0.05	25	10	38	30
JM RC-12-05	78	80	102456	EXT	0.172	0.7	7.57	8	530	1.2	5	6.14	1.6	16	54	5850	3.6	2.31	1.76	446	130	0.12	41	1260	16	1.1	10	32	0.22	104	10	206	30
JM RC-12-05	80	82	102464	EXT	0.145	0.7	6.29	17	660	1.6	4	6.1	1.8	17	39	3630	3.42	2.55	1.7	554	95	0.15	25	770	10	0.61	11	26	0.2	124	10	206	30
JM RC-12-05	82	84	102465	EXT	0.173	1.4	7.82	5	610	1.8	7	6.14	2.2	18	26	3810	3.53	2.66	1.74	541	126	0.12	25	870	19	0.64	5	18	0.14	112	10	195	30
JM RC-12-05	84	86	102466	EXT	0.221	1.2	7.99	5	630	1.9	12	6.14	2	17	24	4700	3.31	3.73	1.76	491	205	0.19	21	860	32	0.58	5	26	0.18	123	10	211	30
JM RC-12-05	86	88	102456	EXT	0.109	0.5	7.95	5	530	1.9	10	6.17	2.8	14	25	2430	3.81	2.17	1.82	362	67	0.83	24	750	15	0.19	5	37	0.22	134	10	180	10
JM RC-12-05	88	90	102465	EXT	0.147	0.5	7.41	6	460	1.3	6	6.17	2.1	16	36	2110	4.03	1.82	2	466	35	0.66	25	700	5	0.17	5	35	0.2	126	10	170	20
JM RC-12-05	90	92	102461	EXT	0.192	0.5	7.58	6	480	1.7	6	6.14	2	16	25	2870	3.86	2.31	1.99	447	120	0.49	25	830	7	0.29	6	27	0.23	130	10	170	20
JM RC-12-05	92	94	102462	EXT	0.197	0.6	7.89	10	460	1.6	10	6.16	2.2	16	30	2450	3.65	2.46	1.9	515	72	0.25	29	810	11	0.32	6	29	0.24	136	10	211	30
JM RC-12-05	94	96	102463	EXT	0.284	0.6	8.08	16	510	1.8	10	6.23	2	14	31	3260	3.71	2.73	1.92	553	120	0.2	36	960	11	0.43	5	35	0.22	154	10	160	20
JM RC-12-05	96	98	102464	EXT	0.302	1.2	7.67	13	530	1.9	6	6.25	4	14	33	4230	3.6	2.47	1.96	488	134	0.5	37	1080	18	0.62	5	32	0.21	126	10	203	30
JM RC-12-05	98	100	102465	EXT	0.245	1.2	8.16	8	560	1.7	6	6.21	3.7	15	21	9120	3.66	2.53	1.98	563	96	0.48	17	880	22	0.56	5	41	0.24	126	10	222	30
JM RC-12-05	100	102	102466	EXT	0.159	1.4	7.68	6	450	1.6	4	6.33	7.2	12	25	3660	3.46	2.57	1.78	734	94	0.84	17	810	50	0.74	5	32	0.2	118	10	219	30
JM RC-12-05	102	104	102467	EXT	0.229	1.1	7.83	6	460	1.9	6	6.2	2.6	13	24	4660	3.6	2.33	1.84	677	100	0.69	19	940	37	0.48	5	31	0.2	114	10	315	40
JM RC-12-05	104	106	102468	EXT	0.291	1.5	7.78	5	520	1.6	5	6.15	1.7	11	23	12100	2.62	2.48	1.48	416	138	0.43	19	840	42	0.8	6	30	0.14	96	10	211	70
JM RC-12-05	106	108	102468	ORG	0.211	1.2	6.45	5	620	1.4	5	6.12	2.7	11	14	7040	2.77	2.01	1.2	416	143	1.22	14	620	16	0.61	5	45	0.13	74	10	202	30
JM RC-12-05	108	110	102471	EXT	0.184	1.2	8.79	6	740	1.6	6	6.14	3.1	10	11	3170	3.02	2.98	1.12	543	102	1.5	12	870	14	0.89	5	56	0.13	80	10	184	30
JM RC-12-05	110	112	102472	EXT	0.194	0.8	8.68	5	660	1.9	10	6.21	2.4	15	20	2460	4.13	1.88	1.98	645	61	1.04	24	730	29	0.4	7	64	0.28	126	10	248	30
JM RC-12-05	112	114	102473	EXT	0.257	0.8	7.78	16	500	1.8	6	6.2	3.1	14	30	6870	4.5	1.96	1.98	526	95	1.63	25	830	12	0.53	12	69	0.22	129	10	307	30
JM RC-12-05	114	116	102474	EXT	0.184	0.7	7.83	8	490	1.8	6	6.19	2.4	13	27	6870	4.49	1.64	1.7	552	91	1.84	30	810	36	0.64	6	68	0.25	128	10	226	30
JM RC-12-05	116	118	102475	EXT	0.23	1.2	7.48	12	390	1.3	3	6.16	2.6	15	34	6110	5.19	1.72	1.68	605	90	1.9	19	840	36	1.68	8	81	0.23	124	10	313	40
JM RC-12-05	118	120	102476	EXT	0.173	0.8	8.12	15	360	2.3	6	6.23	2.2	20	85	9160	5.15	2.24	2.58	802	74	0.88	47	880	16	1.08	10	76	0.28	153	10	243	40
JM RC-12-05	120	122	102477	EXT	0.147	0.6	8.04	13	360	2	4	6.33	2.5	23	31	3270	5.4	2.25	2.73	963	73	0.63	44	1140	19	0.57	10	71	0.34	157	10	355	30
JM RC-12-05	122	124	102478	EXT	0.221	1.5	7.67	25	510	1.7	6	6.27	3.5	18	32	7780	4.62	2.58	1.54	886	62	0.53	24	860	81	1.04	15	27	0.16	114	10	458	50
JM RC-12-05	124	126	102479	EXT	0.231	1.5	6.65	5	540	1.4	6	6.26	2.1	16	25	3730	3.26	2.19	1.22	504	104	0.1	20	660	39	1.06	5	16	0.12	86	10	182	30
JM RC-12-05	126	128	102480	EXT	0.446	1.8	6.84	5	510	1.4	6	6.23	2.5	16	15	4760	3.43	2.43	1.14	488	130	0.14	17	730	82	1.18	8	16	0.13	82	10	242	40
JM RC-12-05	128	130	102481	EXT	0.364	1.3	7.97	8	510	1.8	5	6.42	1.9	20	22	4000	3.99	2.46	1.41	575	154	0.7	17	750	22	0.99	5	14	0.15	104	10	184	30
JM RC-12-05	130	132	102482	EXT	0.326	1.2	7.64	7	760	1.7	6	6.34	2.1	13	27	4150	3.68	2.49	1.8	712	154	0.5	23	830	53	0.88	13	41	0.2	116	10	184	30
JM RC-12-05	132	134	102483	EXT	0.388	2.8	6.54	8	710	1.8	6	6.19	4.6	14	22	4440	3.42	2.44	1.34	718	130	9.19	16	780	310	1.04	15	26	0.15	103	10	536	60
JM RC-12-05	134	136	102484	EXT	0.356	1.7	7.63	5	660	1.8	7	6.29	2.4	12	24	4280	4.11	2.15	1.88	708	150	1.87	18	830	46	0.73	9	45	0.18	114	10	279	40
JM RC-12-05	136	138	102485	EXT	0.312	2.1	7.21	54	700	1.7	5	6.21	2.7	15	23	3760	4.54	2.47	1.51	1058	161	0.27	21	840	78	1.26	12	26	0.17	118	10	431	180
JM RC-12-05	138	140	102486	EXT	0.525	3.5	6.78	22	540	1.7	5	6.25	14	13	21	3650	5.63	2.44	1.34	784	160	0.15	19	1000	625	2.1	46	23	0.15	104	10	1060	220
JM RC-12-05	140	142	102487	EXT	0.484	3	5.84	13	450	1.8	5	6.16	5.6	14	14	4810	3.57	2.27	1.28	709	121	0.14	17	560	154	1.48	33	19	0.13	94	10	651	40
JM RC-12-05	142	144	102488	EXT	0.88	7.6	4.86	36	420	1.8	2	6.17	36.9	6	18	8160	2.36	2.21	0.7	327	118	0.07	12	830	1630	1.96	79	16	0.13	71	10	4520	40
JM RC-12-05	144	146	102489	ORG	0.816	7.7	7.51	81	460	2.6	2	6.36	37.6	15	8	6870	3.73	2.8	0.8	462	169	6.2	14	1640	2830	2.02	21	53	0.31	105	10	4760	40
JM RC-12-05	146	148	102490	EXT	0.45	5.7	5.14	63	450	2.2	2	6.45	16.2	14	16	4900	4.56	2.77	1.56	1660	110	1.19	13	2080	1620	1.48	5	86	0.41	167	10	2640	30
JM RC-12-05	148	150	102491	EXT	0.276	1.2	6.21	18	480	1.8	2	6.41	1.1	16	25	3630	5.04	2.44	2.08	978	98	0.56	13	1710	68	0.42	5	119	0.43	142	10	317	30
JM RC-12-05	150	152	102492	EXT	0.366	1.8	6.17	22	390	1.4	2	6.21	2.1	12	34	9040	5.42	2.1	1.58	758	141	0.68	25	730	109	0.62	16	42	0.22	98	10	408	40
JM RC-12-05	152	154	102494	EXT	0.236	1	7.62	5	410	1.4	2	6.22	1.8	12	27	3640	3	2.51	1.36	605	49	0.86	15	730	45	0.58	21	47	0.2	89	10	230	30
JM RC-12-05	154	156	102495	EXT	0.525	1.9	6.44	7	630	1.8	2	6.21	3.6	11	24	4280	2.42	2.79	1.14	380	67	0.16	14	730	78	0.66	33	23	0.13	87	10	391	30
JM RC-12-05	156	158	102496	EXT	0.901	1.5	6.83	16	630	1.8	2	6.38	1.2	34	60	4170	1.9	2.79	2.47	760	74	0.57	39	1230	36	0.44	5	129	0.36	153	10	771	20
JM RC-12-05	158	160	102497	EXT	0.256	1.4	7.91	17	460	1.8	2	6.32	1.1	14	36	3880	3.71	2.54	1.76	728	56	1.58	26	1080	43	0.47	16	68	0.27	139	10	346	20
JM RC-12-05	160	162	102498	EXT	0.398	1.6	6.71	30	560	1.8	2	6.19	2.1	12	37	5040	2.98	2.6	1.29	637	99	0.14	18	710	77	0.75	19	23	0.13	92	10	267	30
JM RC-12-05	162	164	102499	EXT	0.398	1.5	7.91	14	630	1.8	2	6.19	0.9	13	36	4290	4.45	2.96	1.93	812	67	0.54	22	780	35	0.46	5	98	0.21	122	10	279	30
JM RC-12-05	164	166	102500	EXT	0.245	1.3	7.43	29	530	1.8	2	6.21	1.2	14	27	3960	3.63	2.91	1.69	611	68	0.48	19	760	39	0.54	5	53	0.17	113	10	262	30
JM RC-12-05	166	168	102701	EXT	0.291	1.1	7.16	17	570	1.8	2	6.19	1.7	14	31	5990	3.38	2.93	1.16	799	131	0.16	19	780	58	0.67	5	36	0.16	104	10	346	30
JM RC-12-05	168	170	102702	EXT	0.314	2	7.11	282	660	1.8	2	6.2	1.9	30	38	6060	2.88	2.71	0.98	1045	140	0.86	25	980	91	1.32	22	44	0.16	108	10	336	150
JM RC-12-05	170	172	102708	EXT	0.673	3.1	7.08	168	660	1.8	2	6.26	11.1	15	38	2700	3.52	2.73	0.93	1760	44	0.55	19	700	845	1.65	28	68	0.25	109	10	1760	150
JM RC-12-05	172	174	102704	EXT	0.182	1	6.82	29	650	1.3	2	6.42	2.9	11	33	3840	3.44	2.26	1.39	1130	90	1.54	21	810	758	0.62	7	72	0.21	97	10	397	30
JM RC-12-05	174	176	102705	EXT	0.225	0.9	7.82	12	660	1.9	2	6.45	6.9	18	60	3660	3.6	2.5	2.41	765	68	2.04	34	780	36	0.53	6	125	0.35	134	10	373	30
JM RC-12-05	176	178	102706	EXT	0.264	1	7.63	17	660	1.8	2	6.46	1.2	16	36	3580	4.28	2.19	1.62	675	173	2.4	33	780	33	0.41	9	112	0.29	130	10	346	30
JM RC-12-05	178	180	102707	EXT	0.264	0.6	7.39	16	630	1.6	2	6.46	1.2	14	33	3540	3.95	1.82	1.93	904	134	2.15	18	770	43	0.51	9	86	0.26	115	10	283	30
JM RC-12-05	180	182	102708	EXT	0.273	1.2	7.72	13	660	2.1	2	6.44	0.8	16	38	3660	4.1	2.56	2.15	713	126	1.32	21	830	34	0.43	28	72	0.34	132	10	300	30
JM RC-12-05	182	184	102709	EXT	0.267	1	7.48	6	630	2.3	2	6.43	0.7	16	31	3180	4.26	2.06	1.95	917	68	2.64	18	870	19	0.58	5	94	0.25	113	10	230	30
JM RC-12-05	184	186	102710	EXT	0.287	0.6	7.27	14	630	1.4	2	6.32	0.8	16	36	3210	4.42	1.99	1.86	782	175	2.14	17	790	23	0.4	5	87	0.24	115	10	230	30
JM RC-12-05	186	188	102711	EXT	0.35	0.5	7.58	5	770	1.4	2	6.35	1.3	14	31	3800	3.88	2.23	1.55	714	158	1.8	20	790	14	0.47	5	85	0.27	118	10	227	30
JM RC-12-05	188	190	102712	EXT	0.34	0.8	7.46	15	660	1.7	2	6.38	0.8	16	34	3160	4.02	2.32	1.96	784	98	1.52	21	840	12	0.42	5	63	0.25	119	10	343	30
JM RC-12-05	190	192	102713	ORG	0.432	1.4	7.11	16	700	2.1	2	6.45	1.5	15	31	5400	3.66	2.88	1.22	648	184	0.13	26	1080	37	0.95	5	20	0.22	115	10	346	30
JM RC-12-05	192	194	102715	EXT	0.258	2.8	8.11	49	660	2.6	2	6.56	2.3	24	58	4530	4.99	2.98	1.62	1100	144	0.71	41	1200	324	1.38	5	24	0.22	146	10	368	30
JM RC-12-05	194	196	102716	EXT	0.141	1.1	8.19	13	600	1.8	2	6.44	0.8	27	63	3460	4.84	2.4	2.57	1003	99	1.26	37	1070	16	0.67	5	50	0.36	164	10	528	30
JM RC-12-05	196	198	102717	EXT	0.264	0.9	7.44	16	650	1.5	3	6.42	1.1	18	39	3660	4.58	2.12	1.73	647	44	1.52	18	750	44	0.54	5	46	0.23	115	10	346	30
JM RC-12-05	198	200	102718	EXT	0.396	0.8	7.82	8	510	1.6	2	6.32	0.8	16	34	3300	3.86	3.24	1.86	783	144	1.32	16	750	30	0.45	5	60	0.23	112	10	258	30
JM RC-12-05	200	202	102719	EXT	0.266	0.9	7.62	22	490	2.1	2	6.41	0.8	25	34	3060	4.51	3.04	2.54	891	104	0.27	32	1140	2	0.48	5	16	0.33	156	10	395	30
JM RC-12-05	202	204	102720	EXT	0.279	1.4	8.08	6	440	1.9	2	6.5	2	8	34	3240	5.34	1.98	3.48	947	247	0.27	15	1140	37	0.76	7	27	0.35	257	10	254	30
JM RC-12-05	204	206	102721	EXT	0.215	1.1	6.66	5	460	1.9	2	6.44	1.2	30	46	3670	5.81	2.71	2.74	1080	122	0.87	32	1520	18	0.88	5	45	0.36	162	10	368	30
JM RC-12-05	206	208	102722	EXT	0.197	1.1	6.38	13	440	2	2	6.45	0.8	30	69	3700	5.13	2.73	2.64	1165	160	0.79	36	1060	77	0.58	5	56	0.4	158	10	322	30
JM RC-12-05	208	210	102723	ORG	0.469	2	6.83	14	730	1.9	2	6.24	2.4	13	26	4460	3.15	2.68	1.42	662	85	0.83	16	880	72	0.8	5	56	0.19	83	10	230	30
JM RC-12-05	210	212	102725	EXT	0.172	3.9	7.29	5	770	1.7	2	6.28	1.1

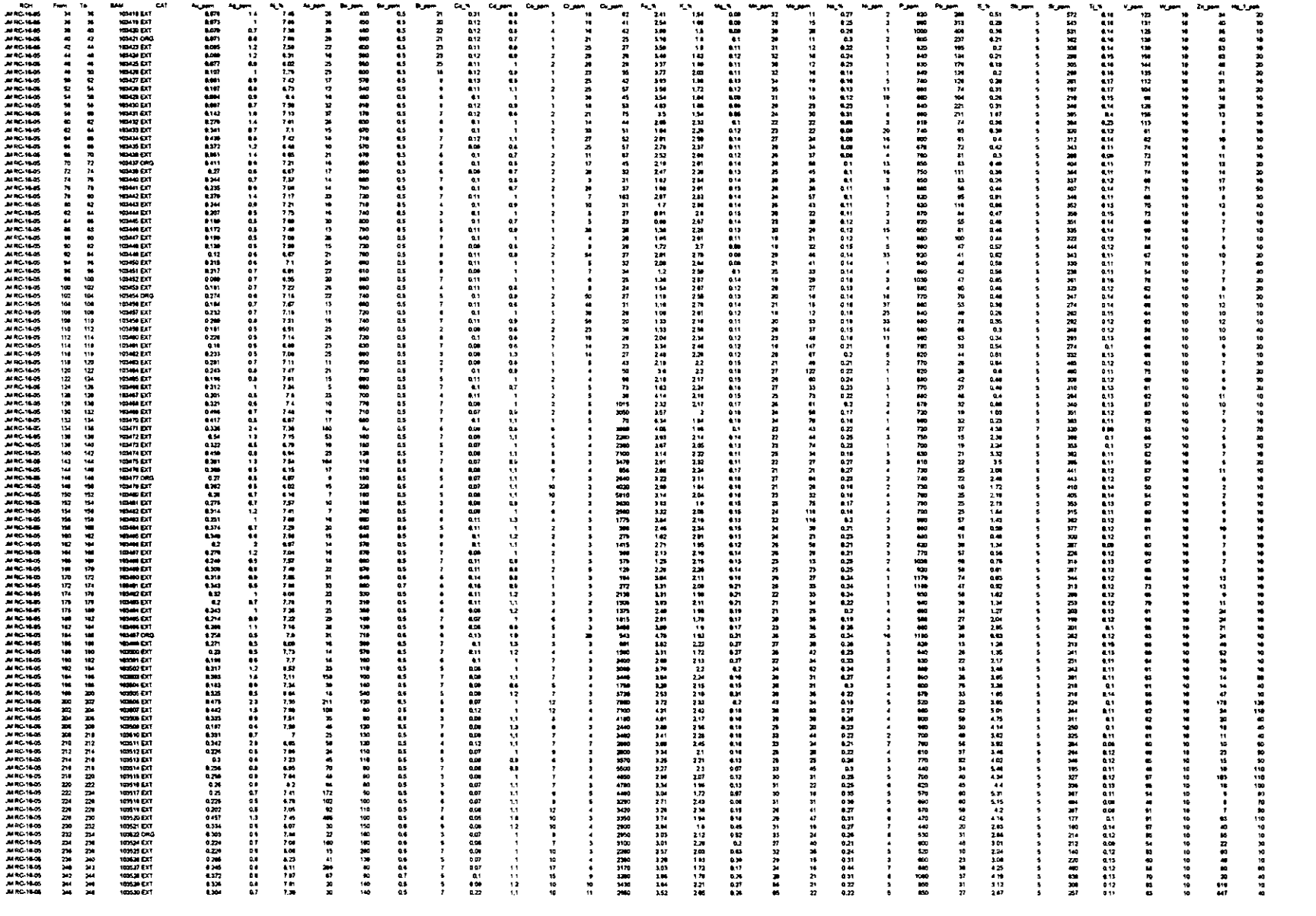
RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Ni_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Nb_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-12-05	240	242	1027740	EXT	0.262	3.3	7.25	4	780	1.5	2	0.55	0.9	12	46	4160	3.51	2.83	1.96	979	167	1.34	71	730	28	0.44	5	85	0.27	106	10	306	20
JM RC-12-05	242	244	1027741	EXT	0.24	1.4	7.4	15	1080	1.3	2	0.54	0.7	12	30	3920	3.6	2.92	1.56	799	85	1.84	16	740	36	0.52	5	110	0.28	108	10	184	10
JM RC-12-05	244	246	1027742	EXT	0.398	0.9	8.03	7	810	1.4	2	0.62	0.9	16	48	9000	4.33	2.41	2.22	996	134	1.86	23	670	48	0.53	5	162	0.39	132	10	260	30
JM RC-12-05	246	248	1027743	EXT	0.186	0.8	8.87	17	280	1.9	2	1.14	0.9	25	81	2120	5.38	2.6	2.87	860	70	1.84	34	1340	23	0.36	5	196	0.81	191	10	319	20
JM RC-12-05	248	250	1027744	EXT	0.236	1.6	6.53	20	310	1.7	2	0.85	1	20	66	3610	4.57	2.45	2.53	888	46	1.51	25	1000	12	0.37	5	112	0.49	154	10	303	20
JM RC-12-05	250	252	1027745	ORG	0.256	2.3	6.03	16	310	1.7	2	0.85	0.9	16	59	3770	4.41	2.21	2.06	995	114	1.62	27	920	17	0.36	5	98	0.46	134	10	170	20
JM RC-12-05	252	254	1027747	EXT	0.23	1.4	7.25	7	1120	1.7	2	0.47	1.2	13	34	3830	2.99	2.7	1.4	626	214	1.08	16	660	32	0.62	5	82	0.27	85	10	179	30
JM RC-12-05	254	256	1027748	EXT	0.184	1	8.32	21	1060	1.9	2	0.49	0.9	13	36	2920	3.75	2.81	1.66	671	103	2.45	15	790	14	0.5	5	109	0.36	109	10	147	30
JM RC-12-05	256	258	1027749	EXT	0.255	0.6	8.09	8	980	1.9	2	0.58	0.9	12	40	3080	3.96	2.98	1.94	985	88	1.6	37	720	14	0.31	5	102	0.36	132	10	156	30
JM RC-12-05	258	260	1027750	EXT	0.201	1.5	7.25	17	760	1.8	2	0.8	1.9	9	36	3140	3.57	2.37	1.96	764	132	1.72	16	610	110	0.32	5	122	0.35	116	10	182	30
JM RC-12-05	260	262	1027751	EXT	0.25	2.2	6.58	15	740	1.6	2	0.74	1.6	11	41	4810	3.86	2.62	1.63	1010	130	0.78	17	460	68	0.63	17	74	0.28	87	10	248	50
JM RC-12-05	262	264	1027752	EXT	0.228	2.1	6.52	13	750	1.5	2	0.7	1.7	8	36	4360	3.77	2.48	1.57	988	124	0.78	15	490	62	0.61	5	72	0.28	91	10	212	30
JM RC-12-05	264	266	1027753	EXT	0.244	0.9	7.85	13	660	1.5	2	0.46	1.2	16	66	3460	3.73	2.66	1.76	820	160	1.83	26	670	36	0.36	5	122	0.32	116	10	224	30
JM RC-12-05	266	268	1027754	EXT	0.31	1.7	7.09	5	940	1.8	2	0.51	1.7	9	32	4270	3.1	2.66	1.42	677	82	0.74	13	600	41	0.54	5	83	0.23	80	10	208	30
JM RC-12-05	268	270	1027755	EXT	0.253	1.6	8.19	8	1160	1.3	2	0.3	0.9	4	7	4520	2.15	2.56	0.9	668	64	0.34	6	520	16	0.63	5	67	0.69	39	10	142	30
JM RC-12-05	270	272	1027756	EXT	0.264	2.7	5.48	16	730	1.4	2	0.52	1.4	9	27	5600	2.99	2.91	1.11	647	79	0.3	12	340	50	0.4	5	47	0.1	39	10	233	30
JM RC-12-05	272	274	1027757	EXT	0.393	0.7	8.11	17	980	2.1	2	0.65	1.5	13	49	4780	4.19	3.65	1.86	817	85	0.85	36	600	32	0.48	5	48	0.31	114	10	229	50
JM RC-12-05	274	276	1027758	EXT	0.285	0.4	8.82	5	1110	1.4	2	0.27	0.7	5	41	4910	2.27	2.8	0.81	647	70	0.39	20	360	15	0.48	5	65	0.09	43	10	134	30
JM RC-12-05	276	278	1027759	EXT	0.291	2.2	5.4	15	990	1.1	2	0.23	4.2	4	7	4460	2.21	2.62	0.73	1150	71	0.58	12	310	46	0.36	5	82	0.08	36	10	641	60
JM RC-12-05	278	280	1027760	EXT	0.227	1.8	5.54	5	910	1.2	2	0.21	0.3	9	15	4640	1.91	2.79	0.76	1260	56	0.64	6	330	63	0.53	5	58	0.07	22	10	666	60
JM RC-12-05	280	282	1027761	EXT	0.388	2	6.79	14	810	1.9	2	0.34	1.4	7	24	4490	2.79	2.62	1.11	904	105	1.84	19	530	32	0.44	5	117	0.23	79	10	237	30
JM RC-12-05	282	284	1027762	EXT	0.205	1.2	7.4	5	850	1.6	2	0.4	1.2	11	36	3530	3.85	2.67	1.37	1270	82	1.67	16	600	43	0.39	5	105	0.27	97	10	288	30
JM RC-12-05	284	286	1027763	EXT	0.213	1.3	7.16	12	710	1.7	2	0.44	0.6	9	43	3030	3.73	2.75	1.32	983	82	1.74	16	540	31	0.36	5	116	0.25	82	10	232	30
JM RC-12-05	286	288	1027764	EXT	0.37	1.8	6.24	67	640	1.4	2	0.48	4.8	7	16	3780	2.8	2.83	0.86	883	56	0.78	12	400	44	0.63	6	61	0.16	53	10	945	60
JM RC-12-05	288	290	1027765	EXT	0.391	7.2	7.13	9	570	1.6	2	0.5	0.6	10	30	3990	3.88	2.53	1.48	882	104	2.28	19	640	27	0.56	5	130	0.3	103	10	229	50
JM RC-12-05	290	292	1027766	ORG	0.536	3.4	7.91	9	860	2.3	2	0.34	1.3	9	35	5860	3.77	2.84	1.36	786	116	1.02	27	740	37	0.63	5	108	0.28	109	10	251	60
JM RC-12-05	292	294	1027768	EXT	0.637	3.7	8.86	15	710	2	2	0.58	3.6	7	30	6000	3.47	2.74	1.37	822	186	0.86	13	600	108	0.73	5	104	0.25	90	10	471	80
JM RC-12-05	294	296	1027769	EXT	0.437	2.4	7.51	24	630	1.8	2	0.54	1	8	32	4960	4.12	2.8	1.64	1025	121	1.66	16	630	31	0.81	5	126	0.29	108	10	277	60
JM RC-12-05	296	298	1027770	EXT	0.412	2.9	7.11	15	670	1.7	2	0.4	0.9	8	33	4360	4.18	2.68	1.49	1260	134	1.72	19	630	35	0.46	5	110	0.26	106	10	271	60
JM RC-12-05	298	300	1027771	EXT	0.387	4.2	6.52	5	620	1.9	2	0.43	6	10	66	4330	5.74	2.63	1.1	1330	116	1.02	27	640	175	1.34	7	96	0.21	91	10	666	80
JM RC-12-05	0	2	1027772	EXT	0.256	0.8	7.4	24	680	0.6	2	0.16	0.7	1	42	900	2.53	2.75	0.29	130	84	0.25	12	800	36	0.56	5	413	0.17	71	10	66	30
JM RC-12-05	2	4	1027773	EXT	0.17	0.5	7.26	24	630	0.9	2	0.2	0.5	3	16	122	2.74	2.4	0.31	386	30	0.44	9	770	46	0.54	5	407	0.2	74	10	60	300
JM RC-12-05	4	6	1027774	EXT	0.152	0.8	8.08	18	740	0.7	2	0.1	0.6	1	9	112	3.15	2.81	0.17	84	47	0.16	4	900	31	0.58	5	536	0.15	71	10	30	10
JM RC-12-05	6	8	1027775	EXT	0.206	0.8	7.63	17	620	0.8	2	0.08	0.5	1	7	99	2.76	2.77	0.15	91	43	0.14	1	650	30	0.73	5	299	0.14	71	10	34	10
JM RC-12-05	8	10	1027776	EXT	0.098	1.1	6.16	49	1440	0.9	2	0.05	0.5	1	4	67	2.8	2.85	0.16	54	47	0.13	3	550	16	0.73	5	362	0.14	67	10	19	10
JM RC-12-05	10	12	1027777	EXT	0.125	1	8.38	39	1240	1	2	0.07	0.9	1	10	44	1.32	2.81	0.17	75	39	0.14	3	530	52	0.59	5	581	0.17	85	10	11	230
JM RC-12-05	12	14	1027778	EXT	0.13	1.6	6.23	65	1140	0.9	2	0.09	0.5	1	13	70	2.9	2.66	0.17	76	148	0.14	6	660	34	0.65	5	388	0.19	82	10	14	160
JM RC-12-05	14	16	1027779	EXT	0.193	0.5	6.66	26	860	1	2	0.09	0.7	1	4	178	3.83	2.75	0.42	53	91	0.13	9	700	9	0.66	5	298	0.17	73	10	66	30
JM RC-12-05	16	18	1027780	EXT	0.188	0.8	6.85	21	930	1.2	2	0.07	0.9	1	7	732	3.33	2.39	0.99	82	96	0.12	5	770	10	0.78	5	348	0.19	82	10	48	30
JM RC-12-05	18	20	1027781	EXT	0.165	0.8	6.8	25	970	1.3	2	0.09	0.7	1	7	736	2.98	2.46	0.56	56	63	0.14	5	660	11	0.66	5	325	0.15	66	10	75	40
JM RC-12-05	20	22	1027782	EXT	0.178	0.5	6.47	12	950	1.2	2	0.07	0.7	1	6	172	2.64	2.46	0.34	51	34	0.12	6	810	25	0.63	5	464	0.16	71	10	32	110
JM RC-12-05	22	24	1027783	EXT	0.188	0.8	6.5	30	930	1.3	2	0.1	0.7	1	9	299	3.32	2.69	0.27	90	40	0.15	3	860	16	0.76	5	565	0.16	73	10	27	160
JM RC-12-05	24	26	1027784	EXT	0.187	0.5	6	29	880	0.9	2	0.09	0.6	1	7	213	3.53	2.23	0.17	59	49	0.12	4	1000	9	1.39	5	574	0.09	57	10	9	70
JM RC-12-05	26	28	1027785	EXT	0.087	0.5	6.06	24	810	1	2	0.09	0.6	1	7	314	3.28	2.43	0.18	53	58	0.12	5	1000	9	1.16	5	580	0.15	66	10	14	90
JM RC-12-05	28	30	1027786	EXT	0.071	0.5	6.77	22	830	1.1	2	0.08	0.6	1	8	908	2.74	2.57	0.28	67	28	0.16	8	830	12	0.85	5	457	0.16	68	10	22	40
JM RC-12-05	30	32	1027787	EXT	0.13	0.6	6.23	22	630	1.3	2	0.05	0.5	1	8	905	2.64	2.87	0.42	82	34	0.17	4	800	17	0.86	5	395	0.16	67	10	36	40
JM RC-12-05	32	34	1027788	EXT	0.16	0.6	6.41	27	630	1.6	2	0.09	0.5	1	12	348	2.78	2.88	0.36	96	56	0.11	4	870	36	1.06	5	436	0.19	68	10	67	30
JM RC-12-05	34	36	1027789	EXT	0.342	1.3	5.9	53	640	1	2	0.08	0.7	1	13	420	3.96	1.99	0.84	79	77	0.08	3	540	16	0.69	5	343	0.12	48	10	36	70
JM RC-12-05	36	38	1027790	EXT	0.443	1.5	7.54	40	370	1.4	2	0.09	0.5	3	63	465	4.48	1.97	0.86	81	41	0.06	15	930	19	1.32	5	380	0.23	84	10	54	70
JM RC-12-05	38	40	1027791	EXT	0.997	3.6	4.91	53	540	0.9	2	0.09	0.5	1	17	228	3.54	1.84	0.15	42	36	0.05	4	670	19	1.18	5	177	0.07	58	10	18	110
JM RC-12-05	40	42	1027792	EXT	0.657	1.6	6.64	80	360	1	2	0.1	0.5	1	66	611	4.93	2.26	0.25	117	54	0.08	6	1170	12	1.47	5	320	0.19	108	10	28	120
JM RC-12-05	42	44	1027793	EXT	0.999	1.8	6.79	21	710	1.1	2	0.09	0.9	1	31	916	5.14	1.83	0.66	160	41	0.08	13	930	11	1.69	5	262	0.16	87	10	92	180
JM RC-12-05	44	46	1027794	ORG	0.873	1.5	6.42	11	740	1.1	2	0.09	0.8	1	37	6960	4.62	1.6	1.44	224	29	0.04	18	760	9	0.57	5	233	0.07	57	10	136	150
JM RC-12-05	46	48	1027795	EXT	0.786	2	6.43	5	280	1.2	2	0.08	2.4	1	36	6620	5.7	1.64	1.68	337	23	0.04	20	770	11	1.44	5	320	0.24	103	10	190	120
JM RC-12-05	48	50	1027797	EXT	0.797	2.1	6.72	9	360	1.4	4	0.07	2.5	12	69	7150	5.1	1.67	1.58	324	25	0.04	33	600	24	2.28	8	166	0.15	86	10	130	120
JM RC-12-05	50	52	1027798	EXT	0.602	2.6	4.95	8	360	1.1	7	0.05	3	6	44	5780	4.17	1.48	1.08	287	25	0.03	30	530	18	1.16	5	132	0.12	51	10	135	120
JM RC-12-05	52	54	1027799	EXT	0.7	2.2	4.6	13	710	1	5	0.04	1.5	9	9	3910	4.35	1.3	0.67	230	18	0.03	9	900	19	3.04	5	204	0.1	47	10	122	100
JM RC-12-05	54	56	1027800	EXT	0.756	2.3	5.5	7	630	1.3	2	0.04	1.7	9	22	9770	3.95	1.48	1.03	241	18	0.04	14	330	25	2.71	5	158	0.16	48	10	141	120
JM RC-12-05	56	58	1027801	EXT	0.63	1.7	5.48	16	360	1.1	2	0.04	1.9	16	48	6730	4.1	1.48	0.98	208	29	0.05	20	480	20	3.09	5	166	0.14	47	10	140	110
JM RC-12-05	58	60	1027802	EXT	0.628	1.8	4.97	9	230	1.1	3	0.05	1.9	11	14	5280	3.97	1.37	0.79	213	19	0.05	14	610	19	2.68	7	186	0.13	42	10	127	80
JM RC-12-05	60	62	1027803	EXT	0.643	1.7	7.48	7	660	1.7	3	0.08	1.7	8	13	6290	2.71	2.12	1.32	364	80	0.07	15	790	27	0.84	5	162	0.14	82	10	172	70
JM RC-12-05	62	64	1027804	EXT	0.299	1.5	6.64	16	510	1.7	3	0.08	1.1	8	12	4730	2.8	2.44	1.03	463	71	0.12	19	740	14	1.36	5	156	0.18	68	10	252	40
JM RC-12-05	64	66	1027805	EXT	0.393	1.5	7.27	5	500	1.4	4	0.08	1.2	14	16	6250	3.45	2.17	1.14	484	29	0.11	20	630	19	2.41	5	198	0.13	63	10	276	40
JM RC-12-05	66	68	1027806	EXT	0.164	0.8	9.12	5	460	1.4	4	0.08	1.1	10	9	3690	2.63	2.91	1.23	408	16	0.16	24	640	14	1.58	7	380	0.16	71	10	294	30
JM RC-12-05	68	70	1027807	EXT	0.257	1.1	6.49	16	460	1.6	3	0.09	1.9	12	9	4910	3.58	2.03	0.98	232	41	0.15	19	600	20	2.75	5	364	0.15	66	10	172	50
JM RC-12-05	70	72	1027808	EXT	0.388	0.6	6.22	4	230	1.9	10	0.04	2.3	11	1	2660	5.87	2.11	0.97	314	23	0.13	20	1130	14	1.66	5	198	0.1	74	10	479	70
JM RC-12-05	72	74	1027809	EXT	0.266	1.2	6.11	7	314	1.6	11	0.05	2	10	21	3980	4.13	2.42	1	391	29	0.13	22	640	36	2.66	5	335	0.1	74	10	226	40
JM RC-12-05	74	76	1027810	EXT	0.274	0.6	7.48	5	630	1.2	10	0.04	1.8	16	16	3820	3.58	2.51	0.62	307	42	0.12	15	640	18	2.66	5	301	0.11	86	10	114	30
JM RC-12-05	76	78	1027811	EXT	0.454	1.4	7.32	6	330	1.6	9	0.05	1.8	16	35	4520	3.71	2.13	0.86	239	42	0.12	24	670	30	1.73	5	431	0.16	79	10	136	40
JM RC-12-05	78	80	1027812	EXT	0.523	1.5	6.82	5	360	1.9	7	0.04	1.6	14	13	4790	3.58	2.16	1.09	378	64	0.09	14	740	16	1.66	5	291	0.14	67	10	158	40
JM RC-12-05	80	82	1027813	EXT	0.808	1.7	6.71	5	810	1.9	3	0.04	1.8	13	21	6560	4.31	2.06	1.3	368	98	0.06	17	640	25	2.14	5	353	0.16	66	10	178	60
JM RC-12-05	82	84	1027814	EXT	0.54	1.9	9.19	7	460	1.7	2	0.03	3	7	24	8020	3.85	1.8	1.36	430	41	0.07	20	490	17	0.98	5	184	0.15	90	10	160	60
JM RC-12-05	84	86	1027815	EXT	0.562	2.1	6.28	5	250	1.2	8	0.04	1.5	11	15	9010	3.47	1.8	0.87	286	57	0.11	19	620	14	2.75	5	288	0.1	97	10	139	60
JM RC-12-05	86	88	1027816	EXT	0.356	1.5	7.58	6	720	1.6	8	0.05	1.8	10	29	5360	3.16	2.34	0.87	264	123	0.14	24	760	17	1.75	5	356	0.15	81	10	122	60
JM RC-12-05	88	90	1027817	ORG	0.34	1.4	7.38	5	460	1.4	8	0.04	1.7	12	7	5500	3.43	2.45	0.88	243	84	0.13	15	660	24	2.31	5	256	0.13	80	10	112	60
JM RC-12-05	90	92	1027818	EXT	0.284	0.9	7.3	6	488	1.4	7	0.04	1.2	11	6	5270	3.03	2.36	0.83	254	33	0.12	16	580	14	1.75	5	162	0.11	91	10	117	50
JM RC-12-05	92	94	1027819	EXT	0.156	0.8	7.76	5	500	1.9	7	0.04	1	6	3	2220	2.19	2.53	0.76	253	56	0.16	11	1200	31	0.78	5	473	0.13	47	10	118	30
JM RC-12-05	94	96	1027821	EXT	0.236	0.9	8.39	6	570	2.1	6	0.05	1.4	9	2	3450	2.21	2.36	0.73	267	36	0.19	17	1250	25	0.65	6	336	0.19	89	10	146	40
JM RC-12-05	96	98	1027822	EXT	0.222	1.1	8.32	12	630	2.1	6	0.06	1.1	12	12	3620	2.56	2.74	0.8	148	39	0.19	20	1250	25	2.12	5	396	0.11	79	10	79	30
JM RC-12-05	98	100	1028833	EXT	0.239	2.1	8.12	5	640	1.9	7	0.07	1.5	16	35	3950	3.81	2.87	0.87	273	36	0.18	20	1020	25	2.15	5	333	0.13	86	10	118	40
JM RC-12-05	100	102	1028834	EXT	0.262	1.4	8.46	9	880	1.7	8	0.06	1.7	9	12	3530	2.66	2.53	0.91	364	24	0.15	17	930	21	1.06	5	213	0.15	83	10	166	40
JM RC-12-05	102	104	1028835	EXT	0.282	1.1	8.53	13	670	1.8	10	0.06	1.4	10	1	3880	2.66	2.99	0.96	336	36	0.15	11	980	22	1.16	5	166	0.14	83	10	174	40
JM RC-12-05	104	106	1028836	EXT	0.273	1.2	8.97	5	660	1.7	6	0.05	1.2	7	1	3870	2.67	2.76	0.85	406	26	0.16	14	750	16	0.72	5	208	0.15	83	10	192	30
JM RC-12-05	106	108	1028837	EXT	0.343	2.5	7.74	5	670	1.5	4	0.07	1.6	11	6	4780	3.54	2.55	1.02	446	48	0.14	23	740	21	1.04	5	179	0.14	90	10	187	40
JM RC-12-05	108	110	1028838	EXT	0.41	1.3	7.48	10	570	1.9	6	0.05	0.5	13	6	6170	3.31	2.24	0.87	213	43	0.12	11	700	16	1.15	10	191	0.13	98	10	162	30
JM RC-12-05	110	112	1028839	EXT	0.348	1.3	7.99	5	560	1.9	6	0.04	0.5	13	5	5790	3.26	2.36	0.83	222	56	0.14	13	550	18	1.38	4	192	0.12	96	10	98	30
JM RC-12-05	112	114	1028840	EXT	0.393	0.8	7.64	8	710	1.7	9	0.08	0.5	13	5	5330	3.17	2.18	0.87	199	65	0.13	19	540	21	1.44	12	135	0.1	94	10	91	30
JM RC-12-05	114	116	1028841	EXT	0.38	0.8	7.74	17	820	1.8	10	0.06	0.5	9	7	5790	3.48	2.22	0.78	166	32	0.18	14	660	20	1.64	19	263	0.1	92	10	97	30
JM RC-12-05	116	118	1028842	EXT	0.263	0.8	7.25	7	960	1.7	7	0.05	0.5	8	6	4970	3.5	1.84	0.9	222	45	0.11	15	630	20	1.72	5	251	0.08	90	10	151	30
JM RC-12-05	118	120	1028843	EXT	0.307	0.8	6.88	7	980	1.6	6	0.05	0.5	8	6	4910	3.37	2.09	0.82	196	57	0.1	9	730	21	0.64	11	164	0.1	82	10	70	30
JM RC-12-05	120	122	1028844	EXT	0.362	0.8	7.15	9	930	1.7	7	0.05	0.5	10	6	5430	3.78	2.22	0.82	188	48	0.11	10	770	24	1.23	19	218	0.13	82	10	72	30
JM RC-12-05	122	124	1028845	EXT	0.491	0.8	6.79	29	930	1.4	5	0.04	0.8	9	4	4830	4.01	1.67	0.81	248	42	0.08	8	950	14	0.82	12	150	0.11	54	10	116	30
JM RC-12

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cl_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-14-05	18	20	102966	EXT	0.144	0.5	7.9	5	200	1.3	2	0.31	0.5	23	134	1705	5.48	1.09	2.37	456	215	0.04	78	1330	2	0.9	5	197	0.41	146	10	122	40
JM RC-14-05	20	22	102967	EXT	0.124	0.5	4.98	5	660	0.7	2	0.11	0.5	5	25	697	2.62	1.3	0.43	119	143	0.1	12	885	8	0.56	5	208	0.12	53	10	54	60
JM RC-14-05	22	24	102968	EXT	0.109	0.5	5.78	5	830	0.8	2	0.06	0.5	1	4	234	2.34	1.68	0.51	73	136	0.1	1	470	11	0.75	5	196	0.05	38	10	25	40
JM RC-14-05	24	26	102969	EXT	0.158	0.5	5.65	71	750	0.5	2	0.05	0.5	3	4	264	1.97	1.6	0.51	78	120	0.1	4	360	13	0.46	5	198	0.07	39	30	27	150
JM RC-14-05	26	28	102970	EXT	0.102	0.5	5.56	7	790	0.6	2	0.04	0.5	1	2	144	2.06	1.58	0.1	68	162	0.1	1	330	9	0.35	5	118	0.06	30	10	27	40
JM RC-14-05	28	30	102971	EXT	0.167	0.5	6.41	46	1080	0.8	3	0.04	0.5	1	4	296	1.96	2.03	0.13	68	153	0.11	1	410	11	0.56	5	174	0.07	35	10	27	50
JM RC-14-05	30	32	102972	EXT	0.188	0.6	8.52	5	810	1.1	2	0.1	0.5	11	60	4080	3.01	1.84	0.99	201	110	0.12	25	1110	5	1.1	5	550	0.17	82	10	112	60
JM RC-14-05	32	34	102973	EXT	0.226	0.5	9.15	14	950	1.3	2	0.29	0.5	16	77	5290	3.51	1.44	1.77	172	62	0.06	40	1360	4	0.83	5	248	0.28	104	20	140	50
JM RC-14-05	34	36	102974	EXT	0.161	0.5	9.54	11	210	1.6	2	0.55	0.5	29	138	3310	4.6	1.41	2.98	515	73	0.06	92	2730	2	0.54	5	227	0.54	183	10	178	40
JM RC-14-05	36	38	102975	EXT	0.24	0.5	4.91	8	290	1.6	2	0.26	0.5	16	36	4870	3.73	1.39	2.03	418	72	0.07	39	1460	8	0.77	5	427	0.29	128	10	170	60
JM RC-14-05	38	40	102976	EXT	0.182	0.5	9.32	5	480	1.4	2	0.15	0.5	16	26	5910	3.55	1.74	1.68	347	264	0.09	21	880	8	1.2	5	270	0.21	112	10	110	40
JM RC-14-05	40	42	102977	EXT	0.218	0.5	7.75	5	860	1.7	2	0.2	0.5	14	28	5030	3.14	1.52	1.37	357	251	0.06	19	940	8	0.93	5	274	0.2	104	10	118	40
JM RC-14-05	42	44	102978	EXT	0.29	0.7	8.52	19	600	2.7	2	0.17	0.5	19	36	4760	5.34	1.94	1.53	320	356	0.09	30	1340	10	1.09	5	473	0.34	139	20	150	40
JM RC-14-05	44	46	102979	EXT	0.36	0.9	7.12	7	640	1.6	2	0.18	0.5	12	25	6560	3.19	1.61	1.08	299	292	0.07	14	880	6	1.38	5	280	0.15	98	10	124	60
JM RC-14-05	46	48	102980	EXT	0.214	0.7	7.98	16	710	1.6	2	0.15	0.5	14	26	6880	3.51	1.51	1.52	412	205	0.09	16	780	6	0.86	5	203	0.21	144	20	145	70
JM RC-14-05	48	50	102981	DRG	0.781	1.5	7.68	22	440	1.7	2	0.15	0.5	14	31	7260	3.72	2.1	1.52	582	291	0.07	20	700	8	0.99	5	97	0.22	114	30	162	130
JM RC-14-05	50	52	102983	EXT	0.202	0.5	9.12	6	260	1.4	2	0.22	0.5	20	30	3760	5.41	1.83	2.35	648	108	0.08	27	1630	3	1	5	21	0.35	172	30	180	40
JM RC-14-05	52	54	102984	EXT	0.243	0.5	7.73	14	390	1.6	2	0.21	0.5	26	60	3830	4.51	1.55	2.07	548	166	0.08	36	880	5	0.89	5	12	0.3	158	10	154	40
JM RC-14-05	54	56	102985	EXT	0.216	0.6	7.64	5	300	1.6	2	0.23	0.5	29	58	3630	4.45	1.36	2.17	626	166	0.09	36	1110	11	1.04	5	16	0.25	144	20	188	50
JM RC-14-05	56	58	102986	EXT	0.158	0.5	7.78	5	300	1.6	2	0.25	0.5	32	54	3080	4.66	1.36	2.37	782	88	0.09	42	1180	3	0.85	5	19	0.33	158	10	180	40
JM RC-14-05	58	60	102987	EXT	0.212	0.5	8.48	5	210	2.1	2	0.27	0.5	30	64	3300	5.56	1.53	2.7	832	70	0.08	46	1160	4	0.77	5	14	0.42	178	20	245	40
JM RC-14-05	60	62	102988	EXT	0.267	0.5	9.18	7	260	1.6	2	0.25	0.5	27	53	3680	5.19	1.57	2.41	778	124	0.09	43	1140	7	0.94	5	15	0.3	183	10	234	50
JM RC-14-05	62	64	102989	EXT	0.248	0.7	8.72	65	380	1.9	2	0.28	0.5	35	56	3270	5.67	1.97	2.14	781	186	0.09	33	1180	15	1	5	14	0.25	185	10	227	50
JM RC-14-05	64	66	102990	EXT	0.178	0.5	9.22	5	300	1.6	2	0.25	0.5	24	66	2370	4.91	1.92	2.26	791	135	0.08	36	1110	3	0.91	5	10	0.25	156	10	219	40
JM RC-14-05	66	68	102991	EXT	0.214	0.6	8.23	32	260	1.7	2	0.25	0.5	32	63	3030	4.8	1.96	2.27	792	170	0.08	39	1130	7	0.84	5	19	0.36	152	10	206	50
JM RC-14-05	68	70	102992	EXT	0.243	0.6	8.08	10	420	1.6	2	0.24	0.5	22	58	3630	4.4	1.68	1.84	610	106	0.1	31	1100	3	0.93	5	11	0.28	148	20	204	50
JM RC-14-05	70	72	102993	EXT	0.375	0.8	9.77	31	980	1.6	2	0.25	0.5	22	42	5460	3.62	2.3	1.35	436	164	0.1	16	1060	12	1.08	5	19	0.19	124	10	123	70
JM RC-14-05	72	74	102994	EXT	0.213	0.6	7.48	5	340	1.5	2	0.24	0.5	18	41	2700	4.23	1.75	1.6	648	61	0.07	27	980	3	0.5	5	27	0.25	130	10	210	40
JM RC-14-05	74	76	102995	EXT	0.312	1	7.91	5	980	1.9	2	0.22	0.5	15	39	3670	3.86	1.93	1.36	580	114	0.08	13	940	14	0.82	5	24	0.18	122	20	182	50
JM RC-14-05	76	78	102996	EXT	0.305	0.8	7.96	5	970	1.4	2	0.19	0.5	16	37	2670	3.8	1.87	1.36	532	252	0.1	15	750	10	0.88	5	29	0.17	122	20	161	40
JM RC-14-05	78	80	102997	EXT	0.345	0.8	8.05	5	780	1.4	2	0.21	0.5	17	30	3180	4.08	2.12	1.66	662	142	0.1	20	760	11	0.56	5	29	0.19	129	20	204	50
JM RC-14-05	80	82	102998	EXT	0.342	0.8	7.8	20	740	1.5	2	0.18	0.5	16	29	3030	4.25	1.99	1.7	736	102	0.1	18	740	10	0.61	5	21	0.22	126	10	214	50
JM RC-14-05	82	84	102999	EXT	0.332	0.8	8.04	5	620	1.6	2	0.19	0.5	17	41	3250	4.26	1.75	1.69	630	98	0.19	24	780	9	0.86	5	20	0.24	136	20	245	40
JM RC-14-05	84	86	103000	EXT	0.303	0.8	8.01	5	760	1.5	2	0.16	0.5	15	37	3300	4	1.84	1.55	585	166	0.12	13	640	12	0.96	5	23	0.21	117	10	196	40
JM RC-14-05	86	88	103001	EXT	0.479	1.1	7.79	5	560	1.6	2	0.15	0.5	15	29	4370	4.32	1.44	1.99	837	94	0.36	17	740	9	0.95	5	22	0.26	130	20	214	60
JM RC-14-05	88	90	103002	EXT	0.36	0.7	7.75	5	730	1.5	3	0.18	1.1	19	58	3960	4.16	2.74	1.48	450	118	0.1	24	910	29	0.88	5	22	0.23	157	10	150	10
JM RC-14-05	90	92	103003	EXT	0.34	0.5	7.04	13	700	1.4	4	0.16	1	15	30	3440	3.6	2.46	1.39	449	234	0.14	22	820	27	0.96	5	28	0.22	116	10	148	50
JM RC-14-05	92	94	103004	ORG	0.27	0.5	7.82	5	950	1.5	4	0.16	1.5	15	30	3060	4.16	2.58	1.6	581	164	0.1	18	830	21	0.91	5	22	0.23	134	10	167	10
JM RC-14-05	94	96	103005	EXT	0.261	0.5	7.02	15	970	1.8	4	0.16	1.2	13	45	3030	4.09	2.45	1.78	909	164	0.08	22	780	14	0.68	5	23	0.21	112	10	153	40
JM RC-14-05	96	98	103007	EXT	0.231	0.5	7.42	5	960	1.8	3	0.17	1	12	29	4060	4.44	2.17	1.88	894	94	0.39	25	820	14	0.5	5	29	0.22	124	10	197	50
JM RC-14-05	98	100	103008	EXT	0.434	0.5	8.1	11	830	1.6	5	0.2	1.7	15	54	4230	4.69	2.54	1.64	988	200	0.74	29	820	36	1.06	5	36	0.25	176	10	232	40
JM RC-14-05	100	102	103009	EXT	0.326	0.5	7.66	9	870	1.4	4	0.16	1.2	13	41	3780	4.59	2.49	1.92	982	179	0.87	21	800	18	0.76	5	34	0.25	140	10	172	40
JM RC-14-05	102	104	103010	DRG	0.223	0.5	7.78	11	970	1.3	3	0.29	0.7	13	68	2530	5.08	2.33	2.81	684	78	0.63	32	1260	17	0.91	5	34	0.32	142	10	116	30
JM RC-14-05	104	106	103011	EXT	0.244	0.5	7.23	5	730	1.2	4	0.17	0.7	15	31	2360	4.3	2.48	1.73	548	78	0.12	15	800	23	0.54	5	22	0.24	113	10	154	30
JM RC-14-05	106	108	103012	EXT	0.211	0.5	6.58	10	910	1.4	7	0.19	1.4	14	28	2950	4.56	2.13	1.98	880	121	0.52	12	710	62	0.67	5	36	0.28	116	10	229	40
JM RC-14-05	108	110	103013	EXT	0.38	0.5	7.41	8	430	1.8	5	0.14	1.3	16	42	3530	4.46	2.71	1.56	571	79	0.14	15	580	33	0.53	5	25	0.3	106	10	264	30
JM RC-14-05	110	112	103014	EXT	0.301	0.5	6.05	11	1080	1.8	3	0.06	1.3	11	11	4380	3.7	2.55	0.88	536	45	0.04	3	300	43	0.74	5	44	0.15	50	10	288	30
JM RC-14-05	112	114	103015	EXT	0.503	0.5	6.73	7	470	3	9	0.12	1.2	14	104	4660	7.02	2.2	2.18	864	48	0.04	23	810	28	0.75	5	34	0.34	157	10	254	30
JM RC-14-05	114	116	103016	EXT	0.458	0.5	7.27	5	740	2.3	2	0.12	0.9	11	66	4630	4.8	2.54	1.38	438	79	0.05	29	570	20	1.32	5	37	0.26	112	10	180	40
JM RC-14-05	116	118	103017	EXT	0.357	0.8	8.88	11	940	2.1	4	0.09	0.8	17	91	5390	4.41	2.96	1.7	1090	86	0.06	42	630	36	1.22	5	37	0.14	85	10	209	40
JM RC-14-05	118	120	103018	DRG	0.38	0.5	5.49	5	330	1.5	4	0.03	0.9	14	17	4930	3.01	2.56	0.57	160	135	0.05	11	270	33	3.08	5	31	0.08	30	10	100	40
JM RC-14-05	120	122	103020	EXT	0.36	0.5	6.57	6	340	1.4	2	0.03	0.9	15	2	5840	4.19	2.57	0.43	173	99	0.05	1	240	34	1.89	5	22	0.08	30	10	116	50
JM RC-14-05	122	124	103021	EXT	0.373	0.5	5.87	8	750	1.7	5	0.08	0.7	10	26	5330	3.76	2.51	0.91	300	118	0.04	13	280	27	1.04	5	24	0.1	54	10	179	40
JM RC-14-05	124	126	103022	EXT	0.46	0.5	7.71	5	700	2.3	7	0.14	1.1	10	32	4640	4.98	2.8	1.75	501	107	0.05	11	650	13	0.89	5	33	0.26	109	10	247	40
JM RC-14-05	126	128	103023	EXT	0.606	0.6	7.78	7	770	2.2	2	0.16	1.5	20	39	6440	4.9	2.86	1.42	485	262	0.05	13	800	22	1.32	5	23	0.3	120	10	291	40
JM RC-14-05	128	130	103024	EXT	0.478	0.5	7.3	5	660	1.9	5	0.17	1.4	11	28	4780	4.53	2.76	1.86	581	138	0.04	7	760	21	0.69	5	28	0.21	112	10	245	40
JM RC-14-05	130	132	103025	EXT	0.43	0.5	7.14	7	740	2	6	0.16	1.6	12	30	6540	4.95	2.79	1.46	434	99	0.04	18	640	21	0.62	5	29	0.19	118	10	214	30
JM RC-14-05	132	134	103026	EXT	0.311	0.5	7.12	5	730	1.7	3	0.17	0.7	10	21	2950	4.91	2.24	1.76	519	69	0.03	12	730	10	0.42	5	37	0.25	115	10	226	30
JM RC-14-05	134	136	103027	EXT	0.33	0.5	6.85	5	750	1.9	6	0.12	0.8	11	27	3010	4.6	2.61	1.56	482	44	0.12	6	580	16	0.79	5	28	0.21	102	10	220	30
JM RC-14-05	136	138	103028	EXT	0.376	0.5	7.3	5	730	1.7	4	0.15	1.4	11	29	3010	4.68	2.7	1.64	563	47	0.43	16	880	28	0.86	5	30	0.28	113	10	253	30
JM RC-14-05	138	140	103029	EXT	0.566	0.6	8.02	5	980	1.9	4	0.14	1.2	12	39	5230	4.95	2.79	1.56	566	69	0.3	6	630	20	1.07	5	39	0.24	114	10	286	40
JM RC-14-05	140	142	103030	ORG	0.5	0.5	7.71	5	910	1.8	5	0.22	0.7	9	31	4360	5.19	2.98	1.72	591	81	0.74	5	790	25	1.54	5	41	0.27	113	10	272	40
JM RC-14-05	142	144	103032	EXT	0.449	0.5	7.47	11	910	1.7	5	0.15	2.2	9	34	4150	5.08	2.8	1.76	911	76	0.62	9	790	39	1.68	5	35	0.25	114	10	360	40
JM RC-14-05	144	146	103033	EXT	0.733	0.9	9.91	5	260	1.9	3	0.09	1.8	13	36	6350	3.67	2.51	1.2	379	47	0.05	14	650	23	1.66	5	29	0.12	60	10	284	40
JM RC-14-05	146	148	103034	EXT	0.481	0.5	5.88	5	260	1.8	3	0.07	1.7	13	49	3560	3.94	2.44	1.27	366	148	0.2	4	370	17	1.36	5	32	0.12	82	10	172	30
JM RC-14-05	148	150	103035	EXT	0.429	0.5	7.04	6	880	1.6	3	0.13	1	8	28	4340	5.02	2.43	1.78	604	88	0.67	11	580	19	1	5	21	0.23	118	10	214	40
JM RC-14-05	150	152	103036	EXT	0.422	0.5	6.49	11	860	1.6	4	0.11	1.2	12	45	4580	5.36	2.96	1.54	495	94	0.08	20	720	9	1.14	5	41	0.16	104	10	178	40
JM RC-14-05	152	154	103037	EXT	0.407	0.5	7.52	11	930	1.6	5	0.16	0.7	9	30	3330	4.72	1.91	1.66	900	88	1.78	9	710	19	1.1	5	46	0.25	116	10	185	40
JM RC-14-05	154	156	103038	EXT	0.488	0.5	7.15	12	970	1.9	7	0.15	0.8	12	29	4570	4.82	2.52	1.68	561	62	1	9	670	16	0.82	5	41	0.24	114	10	150	50
JM RC-14-05	156	158	103039	EXT	0.545	0.5	7.13	5	920	1.7	3	0.14	1.3	10	36	4060	4.91	2.65	1.78	538	116	1	11	685	19	0.8	5	34	0.26	109	10	158	50
JM RC-14-05	158	160	103040	EXT	0.473	0.5	6.86	7	730	1.7	7	0.11	0.6	10	21	4630	4.07	2.34	1.49	409	53	0.94	7	530	18	0.6	5	37	0.2	82	10	118	40
JM RC-14-05	160	162	103041	EXT	0.524	0.5	9.54	5	700	1.8	7	0.07	1.3	12	16	6440	3.16	2.88	1.14	260	91	0.05	6	450	16	0.86	5	24	0.12	98	10	110	40
JM RC-14-05	162	164	103042	EXT	0.708	0.5	7.43	16	720	2.2	8	0.09	1.8	19	36	7110	4.36	2.82	1.12	278	134	0.08	12	900	14	1.4	5	22	0.15	104	10	118	30
JM RC-14-05	164	166	103043	EXT	0.558	0.5	7.87	11	810	2.1	3	0.13	0.6	12	30	6070	4.97	2.95	1.63	391	42	0.47	12	740	8	1.03	5	27	0.24	128	10	138	40
JM RC-14-05	166	168	103044	EXT	0.518	0.5	7.91	5	890	1.7	3	0.13	0.7	11	28	4050	4.41	2.73	1.68	353	103	0.95	17	640	8	0.91	5	29	0.22	108	10	136	30
JM RC-14-05	168	170	103045	EXT	0.462	0.6	5.84	5	340	1.5	3	0.06	0.6	11	12	5350	3.75	2.48	0.8	213	80	0.06	5	360	7	1.56	5	36	0.12	58	20	91	40
JM RC-14-05	170	172	103046	DRG	0.35	0.8	5.84	5	450	1.7	2	0.09	1	9	26	6460	4.02	2.57	1.04	296	352	0.04	7	410	14	1.7	5	30	0.17	81	10	120	40
JM RC-14-05	172	174	103048	EXT	0.518	1.6	4.83	5	380	1.7	2	0.04	1.2	9	2	7980	3.19	2.36	0.75	213	134	0.04	1	260	17	1.54	5	26	0.05	77	20	126	50
JM RC-14-05	174	176	103049	EXT	0.413	1.4	5	5	500	1.7	3	0.05	1.5	14	3	6220	3.25	2.24	0.86	298	110	0.04	1	230	18	1.38	5	25	0.05	71	10	116	50
JM RC-14-05	176	178	103050	EXT	0.562	1.3	5.21	5	440	1.7	6	0.05	1.5	14	5	5320	3.87	2.47	0.95	343	214	0.04	5	340	14	1.7	5	28	0.08	86	10	153	50
JM RC-14-05	178	180	103051	EXT	0.62	0.8	5.27	5	480	1.7	2	0.05	1.3	13	7	6860	2.86	2.42	1.05	338	78	0.04	5	360	5	1.37	5	27	0.08	90	10	108	30
JM RC-14-05	180	182	103053	EXT	0.38	0.6	6.03	5	600	1.6	4	0.08	0.8	8	12	4630	3.25	2.83	1.34	336	44	0.43	2	410	14	0.88	5	34	0.13	88	10	124	30
JM RC-14-05	182	184	103083	EXT	0.561	0.5	8.79	5	970	1.7	5	0.16	1.2	19	30	4710	4.22	2.62	1.44	384	68	1.27	18	760	39	0.83	5	50	0.23	103	10	158	30
JM RC-14-05	184	186	103054	EXT	0.561	0.5	8.36	5	900	1.6	4	0.11	0.9	19	38	5080	3.96	2.58	1.34	368	90	0.91	18	680	19	1.33	8	43	0.19	88	10	126	40
JM RC-14-05	186	188	103055	EXT	0.488	0.5	8.73	5	910	1.5	4	0.12	1.3	7	31	3960	4.38	2.53	1.77	434	48	1.57	11	630	14	0.74	5	49	0.19	108	10	166	30
JM RC-14-05	188	190	103056	EXT	0.472	0.5	9.01	5	950	1.6	5	0.1	0.8	12	32	3360	4.06	2.69	1.9	371	34	1.3	15	530	7	0.62	5	44	0.2	104	10	131	30
JM RC-14-05	190	192	103057	EXT	0.556	0.5	7.82	5	910	1.7	6	0.24	1.5	14	11	4040	4.2	2.66	1.74	396	69	2.11	16	1270	21	1.52	5	60	0.3	102	10	126	30
JM RC-14-05	192	194	103058	EXT	0.26	0.5	7.32	5	940	1.9	4	0.07	0.8	14	8	3030	4.53	2.75	2.27	519	44	2.27	9	1060	20	0.86	5	75	0.42	115	10	194	30
JM RC-14-05	194	196	103059	EXT	0.513	0.5	7.29	5	910	1.7	4	0.09	1.3	10	11	4080	4.49	2.63	2.09	526	80	2.27	9	1080	22	0.94	5	68	0.34	114	10	156	30
JM RC-14-05	196	198	103060	EXT	0.466	0.5	6.61	10	670	1.8	4	0.15	0.8	15	31	4020	3.63	2.53	1.31	298	114	8.56	11	920	9	1.16	5	30	0.16	116	10	161	30
JM RC-14-05	198	200	103061	ORG	0.527	0.5	6.98	5	980	1.9	4	0.13	1.2	15	69	5060	4.25	2.65	1.58	391	82	6.45	26	960	12	1.42	5	31	0.21	115	10	113	30
JM RC-14-05	200	202	103063	EXT	0.368	0.5	6.78	9	940	1.8	4	0.14	1.3	17	53	3250	4.01	2.46	1.84	280	78	0.88	13	700	11	1.12	5	38	0.22	108	10	124	30
JM RC-14-05	202	204	103064	EXT	0.414	0.5	6.65	17	830	1.7	3	0.11



RDH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-15-05	48	49	103193 EXT		0.005	0.5	7.76	9	400	1	5	4.82	1	16	9	53	3.87	1.29	1.41	848	2	3.42	13	610	5	0.01	4	476	0.45	163	10	72	10
JM RC-15-05	49	50	103194 EXT		0.012	0.5	8.1	5	420	1	11	5.06	1.3	15	7	46	3.85	1.35	1.62	989	4	3.4	4	780	10	0.01	5	464	0.45	161	10	83	20
JM RC-15-05	50	52	103195 EXT		0.015	0.5	7.95	5	410	1	9	4.84	0.9	16	9	47	3.96	1.4	1.66	988	4	3.46	9	780	9	0.01	5	479	0.45	162	10	74	10
JM RC-15-05	52	54	103196 EXT		0.014	0.5	7.89	6	420	1	10	4.91	0.9	16	8	51	3.95	1.39	1.64	984	3	3.46	11	780	13	0.01	5	469	0.43	159	10	74	10
JM RC-15-05	54	56	103197 EXT		0.009	0.5	7.96	5	440	1	14	4.83	0.8	16	9	47	3.77	1.46	1.63	988	3	3.51	4	790	4	0.01	5	479	0.42	156	10	67	10
JM RC-15-05	56	58	103198 EXT		0.009	0.5	7.85	6	420	1	9	4.85	0.5	17	9	54	3.81	1.47	1.62	988	4	3.51	13	790	10	0.01	5	488	0.43	164	10	73	10
JM RC-15-05	58	60	103199 EXT		0.005	0.5	7.93	16	440	1	8	4.93	0.6	14	9	46	3.74	1.41	1.5	987	3	3.37	9	790	4	0.01	5	489	0.42	148	10	68	10
JM RC-15-05	60	62	103200 EXT		0.005	0.5	7.99	5	460	1	9	4.49	0.5	14	9	39	3.59	1.53	1.66	989	3	3.51	13	790	12	0.01	5	489	0.4	152	10	68	10
JM RC-15-05	62	64	103201 EXT		0.009	0.5	7.85	8	500	1	8	4.29	1.2	14	8	53	3.54	1.4	1.42	988	3	3.41	16	790	12	0.01	5	532	0.41	156	10	74	10
JM RC-15-05	64	66	103202 ORG		0.005	0.5	7.93	13	410	1	8	4.38	0.7	15	9	57	3.63	0.66	1.4	1085	3	2.46	11	790	16	0.01	5	563	0.42	157	10	72	20
JM RC-15-05	66	68	103204 EXT		0.006	0.7	8.27	21	510	1.2	8	2.73	1.3	17	10	103	4.15	1.99	1.23	1210	3	3.46	6	800	30	0.01	5	261	0.4	130	10	161	10
JM RC-15-05	68	70	103205 EXT		0.006	0.6	7.94	11	580	1.1	9	2.9	1.3	17	14	91	4.32	2.44	1.49	1200	3	3.39	4	800	36	0.01	5	211	0.41	124	10	189	20
JM RC-15-05	70	72	103206 EXT		0.009	0.5	8.09	8	540	1	8	3.09	1.1	12	8	99	3.52	1.24	1.62	980	3	2.37	6	810	14	0.01	5	641	0.38	112	10	99	10
JM RC-15-05	72	74	103207 EXT		0.024	0.5	8.21	16	560	1	8	5.36	0.6	16	7	23	4.17	1.2	1.53	723	3	2.57	7	640	10	0.01	5	686	0.42	152	10	184	10
JM RC-15-05	74	76	103208 EXT		0.007	0.5	8.27	16	530	1	14	5.32	1.1	20	7	148	4.53	1.02	1.74	945	10	2.23	16	780	140	0.01	5	415	0.41	152	10	162	10
JM RC-15-05	76	78	103209 EXT		0.076	1	7.47	14	570	1.2	12	0.54	1.9	10	12	461	5.5	1.86	1.54	1620	7	1.01	14	700	95	0.05	5	173	0.34	140	10	214	20
JM RC-15-05	78	80	103210 EXT		0.076	1.2	7.88	5	480	0.8	14	0.17	0.9	1	23	64	3.39	2.02	0.13	46	24	0.34	4	780	111	0.13	5	341	0.18	142	10	45	10
JM RC-15-05	80	82	103211 EXT		0.196	1.2	8.77	11	440	0.8	8	0.32	0.6	1	23	114	3.66	1.76	0.16	78	32	0.13	4	570	66	0.33	5	273	0.21	104	10	65	10
JM RC-15-05	82	84	103212 EXT		0.17	0.7	8.75	7	560	0.8	8	0.18	0.6	3	18	173	3.57	2.04	0.43	122	34	0.06	5	550	29	0.06	5	198	0.21	96	10	82	10
JM RC-15-05	84	86	103213 EXT		0.196	0.7	8.81	5	590	1.4	8	0.15	0.7	3	21	340	4.21	2.06	0.45	132	40	0.06	6	610	29	0.03	5	178	0.22	106	10	113	10
JM RC-15-05	86	88	103214 EXT		0.185	0.8	8.58	8	600	1.1	7	0.2	1	6	21	317	3.95	2.09	0.51	163	40	0.09	9	580	25	0.04	5	152	0.21	88	10	134	10
JM RC-15-05	88	90	103215 EXT		0.183	0.8	8.58	5	650	1	8	0.19	0.7	6	22	504	4.01	2.13	0.56	171	36	0.06	8	610	28	0.02	5	153	0.23	94	10	136	10
JM RC-15-05	90	92	103216 EXT		0.207	0.8	7.18	8	650	1.2	8	0.19	0.9	6	24	786	4.33	2.19	0.83	177	42	0.06	10	630	24	0.02	5	144	0.24	103	10	152	10
JM RC-15-05	92	94	103217 EXT		0.239	1.2	8.73	4	660	1.2	10	0.18	0.8	4	21	775	3.97	2.34	0.56	158	51	0.06	9	610	20	0.02	5	146	0.23	95	10	136	10
JM RC-15-05	94	96	103218 EXT		0.19	1.2	8.84	7	710	1.2	7	0.19	0.9	7	22	465	4.09	2.07	0.83	178	46	0.06	9	640	34	0.02	5	146	0.23	95	10	140	10
JM RC-15-05	96	98	103219 EXT		0.723	1	7.67	5	570	1.2	10	0.18	0.7	7	29	492	4.21	2.06	0.66	182	40	0.06	10	680	19	0.01	5	136	0.25	101	10	143	10
JM RC-15-05	98	100	103220 EXT		0.237	0.8	8.76	6	530	1.1	9	0.19	0.8	9	34	430	4.02	2.11	0.9	186	44	0.06	9	670	21	0.02	5	147	0.24	98	10	136	10
JM RC-15-05	100	102	103221 EXT		0.284	0.8	7.91	12	440	1.1	9	0.2	0.8	7	34	512	3.44	2.1	0.58	142	48	0.06	10	680	19	0.01	5	136	0.24	103	10	156	10
JM RC-15-05	102	104	103222 EXT		0.229	1	8.82	5	490	1.2	9	0.22	0.7	7	33	705	4.16	1.74	0.91	185	38	0.07	11	660	12	0.01	5	145	0.23	88	10	172	10
JM RC-15-05	104	106	103223 EXT		0.69	0.9	8.13	17	1330	1.7	6	0.55	1.1	112	7	1403	4.17	1.62	2.91	2640	3	0.28	32	910	13	0.11	5	29	0.24	122	10	387	20
JM RC-15-05	106	108	103224 EXT		0.162	0.7	8.04	13	500	1.4	6	0.97	0.6	4	19	346	3.57	2.58	0.61	291	33	0.08	12	670	12	0.34	5	45	0.23	98	10	178	10
JM RC-15-05	108	110	103225 EXT		0.239	0.8	8.09	14	530	1.3	9	0.19	0.9	4	22	358	3.9	2.01	0.46	190	50	0.07	11	630	15	0.04	5	65	0.22	93	10	125	10
JM RC-15-05	110	112	103226 ORG		0.212	0.8	7.22	5	430	1.3	9	0.15	0.8	3	11	306	3.78	1.88	0.4	98	27	0.06	9	580	23	0.05	5	136	0.18	72	10	98	10
JM RC-15-05	112	114	103228 EXT		0.161	0.6	7.11	9	620	1.4	5	0.13	0.8	1	9	316	3.86	1.84	0.56	61	26	0.08	7	550	36	0.04	5	232	0.14	69	10	136	10
JM RC-15-05	114	116	103229 EXT		0.146	0.5	7.48	11	510	1	4	0.13	0.5	1	14	252	3.22	1.97	0.29	63	30	0.12	4	710	60	0.14	5	275	0.17	98	10	68	10
JM RC-15-05	116	118	103230 EXT		0.116	1.4	6.76	5	510	0.7	6	0.11	0.9	2	16	144	2.76	1.74	0.23	63	23	0.19	8	640	81	0.14	16	345	0.17	102	10	44	10
JM RC-15-05	118	120	103231 EXT		0.194	1.4	7.26	8	620	0.8	12	0.13	0.9	1	23	283	3.01	1.94	0.19	46	31	0.11	9	770	39	0.13	5	393	0.19	102	10	36	10
JM RC-15-05	120	122	103232 EXT		0.131	0.9	6.56	10	590	0.8	14	0.11	0.8	2	27	478	2.54	1.79	0.2	57	32	0.1	12	680	76	0.18	5	388	0.16	88	10	63	10
JM RC-15-05	122	124	103233 EXT		0.164	1.2	7.45	5	700	0.8	11	0.13	1.1	3	20	505	2.81	1.84	0.23	53	42	0.16	12	780	74	0.29	5	290	0.19	108	10	83	10
JM RC-15-05	124	126	103234 EXT		0.151	1.4	7.67	17	880	0.8	10	0.11	1.1	2	20	108	2.79	1.9	0.17	40	42	0.18	12	880	84	0.14	5	213	0.17	100	10	36	10
JM RC-15-05	126	128	103235 EXT		0.134	0.8	7.11	5	990	0.8	10	0.11	0.9	3	21	91	2.68	1.9	0.2	41	30	0.16	9	680	65	0.14	5	235	0.16	104	10	40	20
JM RC-15-05	128	130	103236 EXT		0.226	0.7	8.21	9	670	0.8	12	0.04	1	1	10	108	3.33	1.4	0.17	46	27	0.07	7	610	47	0.15	5	169	0.15	74	10	46	10
JM RC-15-05	130	132	103237 EXT		0.156	1.1	6.75	10	990	0.8	9	0.09	1	3	13	67	2.49	1.84	0.19	33	25	0.1	9	680	60	0.16	5	349	0.15	83	10	63	10
JM RC-15-05	132	134	103238 EXT		0.247	1.1	8.13	11	660	0.8	11	0.09	0.9	1	13	99	3.51	1.65	0.21	51	29	0.09	9	620	43	0.17	5	164	0.16	77	10	63	10
JM RC-15-05	134	136	103239 EXT		0.264	0.7	8.91	5	610	0.8	8	0.1	0.9	1	14	78	2.93	1.76	0.16	40	24	0.12	4	710	73	0.14	5	222	0.16	84	10	52	10
JM RC-15-05	136	138	103240 EXT		0.241	1.2	8.12	10	550	0.8	8	0.09	0.9	1	16	54	2.28	1.91	0.1	37	26	0.1	3	710	66	0.14	5	203	0.15	71	10	36	10
JM RC-15-05	138	140	103241 EXT		0.166	1.3	9.48	15	600	0.8	13	0.11	1.2	1	15	42	2.47	1.66	0.06	37	36	0.18	5	800	317	0.17	5	303	0.14	92	10	24	10
JM RC-15-05	140	142	103242 ORG		0.491	1.1	5.66	15	670	0.8	14	0.07	1.2	1	15	79	5.7	2	0.13	51	59	0.07	4	660	68	0.21	5	268	0.09	77	10	14	10
JM RC-15-05	142	144	103244 EXT		0.731	2	8.15	16	550	0.7	14	0.1	1.3	9	29	6242	4.61	2.84	0.25	53	48	0.08	9	660	42	0.46	5	344	0.25	83	10	51	10
JM RC-15-05	144	146	103245 EXT		0.39	1.1	6.67	14	1090	0.7	13	0.09	1.4	13	8	7179	3.75	2.03	0.39	98	40	0.09	7	670	15	2.69	5	303	0.21	61	10	45	20
JM RC-15-05	146	148	103246 EXT		0.591	1	6.36	16	250	0.7	13	0.1	1.3	11	11	6818	4.46	2.82	0.32	56	30	0.07	11	630	21	2.42	5	178	0.19	88	10	46	20
JM RC-15-05	148	150	103247 EXT		0.321	1	6.34	18	430	0.8	8	0.09	1.1	9	7	4800	4.91	2.05	0.26	45	52	0.07	7	640	16	1.06	5	136	0.17	84	10	46	10
JM RC-15-05	150	152	103248 EXT		0.481	1.1	6.22	17	380	1.3	8	0.14	1.3	15	14	6348	4.99	2.66	0.42	55	25	0.12	13	1260	26	2.14	5	277	0.24	108	10	50	20
JM RC-15-05	152	154	103249 EXT		0.467	1.1	6.47	20	330	1.1	13	0.08	1.6	16	5	5810	4.87	1.62	0.4	58	27	0.1	13	780	27	2.64	5	198	0.23	78	10	63	20
JM RC-15-05	154	156	103250 EXT		0.49	0.8	6.47	18	510	0.7	14	0.09	1.4	1	11	1135	5.48	1.66	0.23	56	26	0.07	10	650	27	0.26	5	129	0.2	76	10	31	20
JM RC-15-05	156	158	103251 EXT		0.321	1.4	7.01	9	360	0.8	13	0.1	1.4	1	16	190	4.4	2.07	0.19	48	34	0.08	4	620	36	0.21	5	182	0.18	90	10	16	10
JM RC-15-05	158	160	103252 EXT		0.089	1	7.2	7	510	0.7	11	0.09	0.9	4	14	124	3	2.18	0.18	49	22	0.08	4	740	20	0.83	5	239	0.18	77	10	18	10
JM RC-15-05	160	162	103253 EXT		0.115	0.8	7.84	5	520	0.8	13	0.08	1.3	8	9	3400	3.41	1.96	0.26	36	23	0.1	13	740	32	2.41	5	305	0.18	80	10	32	10
JM RC-15-05	162	164	103254 EXT		0.084	0.7	7.63	15	600	0.8	15	0.11	1.1	8	9	637	3.96	2.16	0.36	52	21	0.08	6	670	26	1.25	5	182	0.12	77	10	70	10
JM RC-15-05	164	166	103255 EXT		0.058	0.6	7.31	13	670	0.7	14	0.13	1.3	8	12	301	4.05	2.28	0.31	48	25	0.08	7	640	25	1.4	5	234	0.16	87	10	36	10
JM RC-15-05	166	168	103256 EXT		0.072	0.6	6.92	5	560	0.8	15	0.14	2.1	7	12	250	3.86	2.22	0.27	44	22	0.08	6	690	20	1.52	5	227	0.17	83	10	18	10
JM RC-15-05	168	170	103257 EXT		0.067	1.3	6.99	13	640	0.8	11	0.11	1.4	4	14	130	3.99	2.24	0.36	59	22	0.08	4	640	30	0.58	5	247	0.2	102	10	48	10
JM RC-15-05	170	172	103258 EXT		0.074	0.5	7.07	8	640	0.8	13	0.11	1.6	9	25	139	3.68	1.79	0.26	89	24	0.04	16	1010	19	0.26	5	366	0.23	97	10	75	10
JM RC-15-05	172	174	103259 EXT		0.053	0.8	7.15	14	430	0.8	11	0.11	1.4	13	15	804	3.58	1.92	0.36	64	38	0.1	12	840	25	1.66	5	462	0.19	77	10	61	10
JM RC-15-05	174	176	103260 EXT		0.16	0.7	7.68	6	730	0.8	9	0.1	1.2	17	16	1678	4.65	2.16	0.42	77	46	0.08	16	760	29	3.95	5	377	0.15	78	10	46	10
JM RC-15-05	176	178	103261 EXT		0.115	0.6	6.89	11	580	0.8	9	0.09	1.4	22	17	1630	5.09	2.09	0.41	74	39	0.1	20	860	34	3.4	5	271	0.15	83	10	114	10
JM RC-15-05	178	180	103262 EXT		0.196	0.7	7.52	5	610	0.8	14	0.1	1.4	21	18	1700	5.11	2.16	0.44	83	45	0.11	15	870	27	3.14	5	295	0.19	91	10	68	10
JM RC-15-05	180	182	103263 EXT		0.053	0.5	7.4	9	470	1	14	0.09	1.6	16	16	801	4.1	2.16	0.49	162	21	0.11	15	980	19	1.73	5	304	0.22	88	10	61	10
JM RC-15-05	182	184	103264 EXT		0.084	0.6	7.22	12	360	1	14	0.09	1.3	16	16	1045	4.61	2.3	0.51	116	34	0.12	18	870	30	2.5	5	279	0.21	80	10	104	10
JM RC-15-05	184	186	103265 ORG		0.197	0.5	6.99	13	360	1.1	8	0.08	0.6	12	15	1325	3.76	1.98	0.46	90	25	0.11	15	900	33	2.11	5	179	0.16	77	10	36	10
JM RC-15-05	186	188	103267 EXT		0.184	0.6	7.2	7	560	1.1	10	0.07	0.7	14	11	1725	4.06	2.34	0.52	88	17	0.1	16	940	44	3.33	5	276	0.14	83	10	43	10
JM RC-15-05	188	190	103268 EXT		0.088	0.6	7.39	12	370	1	7	0.07	0.7	14	11	1315	3.77	2.39	0.4	69	11	0.13	11	730	41	3.38	5	318	0.14	83	10	36	10
JM RC-15-05	190	192	103269 EXT		0.173	0.6	7.34	6	560	1.1	11	0.08	0.7	15	20	1995	4.06	2.29	0.56	103	15	0.1	19	840	38	3.41	5	386	0.13	85	10	73	10
JM RC-15-05	192	194	103270 EXT		0.191	0.6	7.28	12	560	1.2	10	0.08	0.9	13	19	2548	3.92	2.47	0.63	93	33	0.08	15	910	31	3.21	5	248	0.14	82	10	73	10
JM RC-15-05	194	196	103271 EXT		0.094	0.6	7.28	9	540	1.1	11	0.1	0.9	14	15	1556	4.29	2.36	0.52	144	18	0.1	15	920	30	3.95	5	363	0.13	84	10	73	10
JM RC-15-05	196	198	103272 EXT		0.064	0.6	7.52	5	570	1.3	8	0.08	0.7	11	14	1375	3.7	2.43	0.61	142	26	0.1	14	940	26	2.8	5	301	0.16	84	10	63	10
JM RC-15-05	198	200	103273 EXT		0.083	0.5	7.35	7	440	1.3	10	0.13	0.8	12	14	1440	3.74	1.88	0.61	154	15	0.08	12	830	21	2.14	5	168	0.17	86	10	78	10
JM RC-15-05	200	202	103274 EXT		0.091	0.5	7.12	15	380	1.2	7	0.05	0.7	14	14	1780	3.66	2.11	0.66	206	15	0.08	13	840	13	2.48	5	135	0.18	86	10	46	10
JM RC-15-05	202	204	103275 EXT		0.043	0.5	6.15	8	460	1.7	8	0.04	0.8	10	8	1065	2.88	2.08	0.97	236	7	0.15	12	1200	11	1.84	5	84	0.16	81	10	144	10
JM RC-15-05	204	206	103276 EXT		0.053	0.6	7.67	5	460	1.7	10	0.23	1	11	8	1225	3.32	2.26	0.77	274	18	0.16	12	1080	6	1.95	5	51	0.19	82	10	136	10
JM RC-15-05	206	208	103277 EXT		0.132	0.7	7.03	10	580	1.5	12	0.18	0.7	18	15	2180	4.66	2.39	0.79	398	27	0.04	14	800	7	3.05	5	86	0.21	102	10	136	10
JM RC-15-05	208	210	103278 EXT		0.458	1.3	6.91	7	360	1.8	6	0.25	1	18	16	6270	6.66	2.27	1.4	456	66	0.07	14	1080	10	2.91	5	66	0.37	134	10	163	10
JM RC-15-05	210	212	103279 EXT		0.202	0.6	6.64	9	360	1.4	8	0.09	0.7	12	12	2280	4.5	2.37	0.91	291	33	0.07	11	910	12	2.08	5	112	0.2	85	10	112	10
JM RC-15-05	212	214	103280 EXT		0.134	0.5	7.33	7	350	1.6	8	0.09	0.6	12	16	1580	4.06	2.34	0.76	317	46	0.07	13	790	21	2.58	5	474	0.15	88	10	98	10
JM RC-15-05	214	216	103281 EXT		0.291	0.8	8.17	5	160	1.1	7	0.08	0.6	13	9	2660	4.42	2.29	0.62	300	46	0.26	7	430	16	3	6	162	0.14	88	10	91	10
JM RC-15-05	216	218	103282 EXT		0.478	1.2	9.44	7	160	1.4	13	0.11	0.6	13	6	5430	4.07	2.39	0.62	158	36	0.05	12	860	15	2.71	5	575	0.15	57	10	91	10
JM RC-15-05	218	220	103283 EXT		0.529	1.3	9.39	13	170	1.6	5	0.09	0.6	13	5	4730	4.47	2.36	0.64	146	36	0.06	10	1000	14	2.89	5	711	0.16	58	10	71	10
JM RC-15-05	220	222	103284 EXT		0.649	1.5	9.38	9	80	1.5	3	0.08	1.1	19	3	4730	4.56	2.3	0.56	88	37	0.06	13	960	24	4.4	5	838	0.29	50	10	36	20
JM RC-15-05	222	224	103285 EXT		0.561	1.4	9.29	5	130	1.7	11	0.11	1.3	21	20	3640	5.96	2.87	1.13	222	37	0.06	45	820	36	3.54	5	534	0.22	97	10	134	20
JM RC-15-05	224	226	103286 ORG		0.398	0.8	8.39	5	260	1.6	10	0.09	1.1	19	8	2840	5.8	1.78	1.04	363	41	0.05	48	880	15	1.26	5	288	0.18	122	10	163	10
JM RC-15-05	226	228	103288 EXT		0.391	1.5	8.88	6	140	1.2	5	0.08	0.8	15	10	4880	3.39	2.84	0.39	74	42	0.05	14	900	34	3.22	5	736	0.08	54	10	36	10
JM RC-15-05	228	230	103289 EXT		0.478	1.5	9.37	15	150	1.3	7	0.08	0.9	14	20	5160	4.09	1.9	0.46	224	33	0.08	24	800	30	2.78	5	214	0.14	73	10	84	10
JM RC-15-05	230	232	103290 EXT		0.467	1.2	8.46	8	220	1.2	9	0.08	1.1	19	13	3530	4.79	2.68	1.5	938	38	0.08	34	1000	7	2.8	5	91	0.16	110	10	152	10

ROH	From	To	SAM	CAT	As_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-15-05	260	262	103305 EXT		0.563	1.6	5.86	9	180	1.2	21	0.04	0.8	16	6	5010	4.3	2.3	1.09	244	41	0.07	9	340	6	5.35	5	110	0.15	40	10	98	20
JM RC-15-05	262	264	103306 ORG		0.549	1.7	6.03	10	230	1.2	17	0.03	1	16	7	4470	4.67	2.15	1.13	249	39	0.07	12	370	6	2.67	5	160	0.14	47	10	90	10
JM RC-15-05	264	266	103308 EXT		0.447	1	6.39	10	350	1.4	22	0.04	1	15	44	3140	3.94	1.91	1.6	311	39	0.06	22	420	6	2.09	5	90	0.24	109	10	118	10
JM RC-15-05	266	268	103309 EXT		0.52	1.1	6.99	7	330	1.6	24	0.05	0.8	16	31	3350	4.07	2.46	1.54	356	19	0.1	21	760	6	2.67	5	170	0.14	78	10	132	10
JM RC-15-05	268	270	103310 EXT		0.438	0.8	7.05	12	290	1.7	20	0.06	1.2	14	14	3280	3.67	2.43	1.3	329	47	0.1	11	540	12	2	5	320	0.14	68	10	114	10
JM RC-15-05	270	272	103311 EXT		0.404	1.1	6.23	11	130	1.6	23	0.11	1.1	16	4	3050	4.23	2.38	1.02	225	15	0.1	10	620	16	3.68	5	895	0.14	68	10	89	20
JM RC-15-05	272	274	103312 EXT		0.425	1.1	6.07	13	130	1.2	20	0.05	1	16	6	3610	3.98	2.48	0.99	190	27	0.09	8	460	13	3.45	5	395	0.13	56	10	72	10
JM RC-15-05	274	276	103313 EXT		0.525	1.5	5.85	9	220	1.3	19	0.04	0.7	14	4	4060	4.17	2.41	0.92	166	23	0.09	9	360	13	2.68	5	195	0.14	56	10	88	20
JM RC-15-05	276	278	103314 EXT		0.72	1.3	6.64	18	330	1.3	23	0.04	1.3	14	21	5130	4.62	2.36	1.78	271	30	0.09	16	350	4	1.46	5	94	0.25	104	10	98	10
JM RC-15-05	278	280	103315 EXT		0.9	0.9	7.12	11	250	1.7	24	0.09	1.4	16	40	4080	4.6	2.67	2.32	304	30	0.1	27	910	12	1.38	5	731	0.27	120	10	121	10
JM RC-15-05	280	282	103316 EXT		0.91	1.1	6.85	11	280	1.5	22	0.08	1.2	15	39	4570	4.31	2.12	2.28	291	22	0.09	25	720	8	1.97	5	982	0.25	110	10	190	10
JM RC-15-05	282	284	103317 EXT		0.523	1.1	5.51	10	370	1.1	17	0.04	0.8	13	15	4520	3.24	2.12	1.07	136	78	0.06	10	530	14	1.9	5	348	0.14	77	10	52	10
JM RC-15-05	284	286	103318 EXT		0.661	1.2	5.62	6	230	0.8	16	0.02	0.8	11	6	4600	3.29	2.41	0.9	139	30	0.09	7	340	14	2.2	5	118	0.12	60	10	62	10
JM RC-15-05	286	288	103319 EXT		0.578	1.2	6.06	10	120	1	21	0.04	1.1	11	5	3660	3.8	2.48	0.46	85	44	0.12	6	410	14	3.6	5	144	0.26	91	10	30	20
JM RC-15-05	288	290	103320 EXT		0.319	0.9	7.02	19	210	1.2	24	0.05	1	14	5	2790	3.81	2.56	0.43	146	124	0.14	5	370	20	2.89	5	188	0.09	49	10	95	10
JM RC-15-05	290	292	103321 EXT		0.304	0.8	7.62	9	670	1.4	24	0.05	1.3	12	4	3980	3.4	2.25	1.08	211	19	0.19	7	430	13	1.62	5	156	0.12	54	10	97	10
JM RC-15-05	292	294	103322 EXT		0.391	1.1	7.67	20	640	1.6	22	0.09	1.4	4	5	3650	3.38	2.37	1.1	229	34	0.17	7	450	15	1.32	5	212	0.14	58	10	67	10
JM RC-15-05	294	296	103323 EXT		0.299	0.4	7.52	13	580	1.5	22	0.05	2.1	11	4	3660	3.18	2.16	0.82	154	38	0.16	5	480	245	1.5	5	308	0.13	57	10	116	10
JM RC-15-05	296	298	103324 EXT		0.423	0.2	6.61	11	360	1.4	20	0.04	1.2	12	4	4310	3.45	2.27	0.85	186	87	0.15	7	420	60	1.76	5	178	0.13	53	10	84	10
JM RC-15-05	298	300	103325 EXT		0.554	1.3	6.6	9	540	1.4	20	0.03	1	15	4	6810	3.66	2.44	0.79	195	34	0.14	6	340	30	2.23	5	173	0.11	69	10	64	10
JM RC-15-05	300	302	103326 EXT		0.398	1.1	6.76	13	560	1.4	21	0.05	1.5	12	5	4850	3.84	2.24	0.88	190	125	0.14	7	360	18	1.68	5	189	0.13	68	10	84	10
JM RC-15-05	302	304	103327 ORG		0.379	1	6.42	13	310	1.2	24	0.1	1	16	25	3350	3.68	2.14	0.54	126	100	0.14	16	650	13	2.73	5	350	0.11	41	10	127	10
JM RC-15-05	304	306	103328 EXT		0.448	0.8	5.69	11	490	1.6	15	0.41	1.1	14	20	3670	3.96	2.54	0.88	146	75	0.1	13	530	16	1.6	5	246	0.16	65	10	80	10
JM RC-15-05	306	308	103330 EXT		0.321	0.8	5.73	7	520	1.4	19	0.06	0.9	9	18	3460	3.95	2.25	1.62	152	56	0.08	14	460	7	1.91	5	170	0.16	63	10	88	10
JM RC-15-05	308	310	103331 EXT		0.288	0.6	6.16	14	470	1.5	25	0.04	1.1	11	29	3700	4.17	2.27	1.38	169	38	0.09	19	510	3	1.6	5	146	0.17	83	10	122	10
JM RC-15-05	310	312	103332 EXT		0.439	1	5.82	5	410	1.2	23	0.04	0.8	14	19	3620	4.01	2.29	1.07	170	38	0.07	14	530	6	2.18	5	188	0.12	82	10	82	10
JM RC-15-05	312	314	103333 EXT		0.471	0.9	5.69	17	430	1.1	17	0.05	0.8	16	17	4730	3.75	2.34	1.01	146	46	0.08	12	610	7	3.1	5	208	0.15	68	10	83	10
JM RC-15-05	314	316	103334 ORG		0.366	1	5.95	17	470	1.2	18	0.05	0.8	15	34	3730	4.45	2.17	1.01	133	53	0.09	13	660	16	1.81	5	228	0.19	91	10	91	10
JM RC-15-05	316	318	103335 EXT		0.366	0.8	6.35	16	530	1.5	19	0.04	0.8	16	6	3300	3.98	2.17	0.87	90	73	0.12	16	460	16	3.56	5	220	0.1	51	10	112	10
JM RC-15-05	318	320	103336 EXT		0.374	0.8	7.1	12	880	1.6	21	0.05	1	14	4	3430	3.91	2.39	1.2	199	44	0.12	8	540	7	1.84	5	77	0.11	54	10	132	10
JM RC-15-05	320	322	103337 EXT		0.337	0.8	7.08	18	360	1.7	23	0.05	1.2	8	4	3140	3.4	2.46	1.36	213	43	0.13	4	330	6	1.62	5	98	0.11	51	10	139	10
JM RC-15-05	322	324	103338 EXT		0.434	1.4	6.74	20	290	1.4	19	0.13	1	11	5	4350	3.25	2.52	0.73	127	79	0.12	6	460	11	2.52	5	142	0.09	45	10	78	10
JM RC-15-05	324	326	103339 EXT		0.357	0.8	6.86	9	530	1.9	25	0.09	1	14	8	2730	3.71	2.49	0.96	195	29	0.16	7	660	4	1.6	5	191	0.11	62	10	144	10
JM RC-15-05	326	328	103340 EXT		0.398	0.9	7.35	6	520	2.1	27	0.11	1	14	4	2500	3.77	2.59	0.98	143	49	0.17	8	720	5	1.8	5	144	0.12	62	10	122	10
JM RC-15-05	328	330	103341 EXT		0.398	1	5.96	7	630	1.1	17	0.04	0.8	16	14	4670	3.86	2.19	0.76	122	79	0.09	11	600	4	2.1	5	191	0.12	58	10	95	10
JM RC-15-05	330	332	103342 EXT		0.409	0.5	4.9	11	40	0.7	22	0.04	1	40	12	2190	6.29	2.09	0.3	73	37	0.1	12	370	4	0.94	5	122	0.08	47	10	46	20
JM RC-15-05	332	334	103343 EXT		0.366	0.9	6.35	16	530	1.5	19	0.04	0.8	16	6	3300	3.98	2.17	0.87	90	73	0.12	16	460	16	3.56	5	220	0.1	51	10	112	10
JM RC-15-05	334	336	103344 ORG		0.342	0.8	6.48	16	630	1.6	22	0.05	1	14	7	3190	3.98	2.52	1	148	35	0.1	9	520	9	1.68	5	278	0.11	91	10	112	10
JM RC-15-05	336	338	103345 EXT		0.337	1	7.14	9	520	1.9	20	0.09	0.8	14	4	3290	3.71	2.37	1.62	184	49	0.12	7	720	11	1.58	5	229	0.11	91	10	109	10
JM RC-15-05	338	340	103347 EXT		0.374	0.8	7.1	12	880	1.6	21	0.05	1	14	4	3430	3.91	2.39	1.2	199	44	0.12	8	540	7	1.84	5	77	0.11	54	10	132	10
JM RC-15-05	340	342	103348 EXT		0.337	0.8	7.08	18	360	1.7	23	0.05	1.2	8	4	3140	3.4	2.46	1.36	213	43	0.13	4	330	6	1.62	5	98	0.11	51	10	139	10
JM RC-15-05	342	344	103349 EXT		0.434	1.4	6.74	20	290	1.4	19	0.13	1	11	5	4350	3.25	2.52	0.73	127	79	0.12	6	460	11	2.52	5	142	0.09	45	10	78	10
JM RC-15-05	344	346	103350 EXT		0.357	0.8	6.86	9	530	1.9	25	0.09	1	14	8	2730	3.71	2.49	0.96	195	29	0.16	7	660	4	1.6	5	191	0.11	62	10	144	10
JM RC-15-05	346	348	103351 EXT		0.398	0.9	7.35	6	520	2.1	27	0.11	1	14	4	2500	3.77	2.59	0.98	143	49	0.17	8	720	5	1.8	5	144	0.12	62	10	122	10
JM RC-15-05	348	350	103352 EXT		0.362	1.2	7.63	12	600	2.7	25	0.14	1.2	8	3	3550	3.99	2.5	1.3	206	36	0.19	16	640	15	1.9	5	188	0.1	52	10	346	10
JM RC-15-05	350	352	103353 EXT		0.386	0.8	7.3	9	170	1.4	24	0.08	1	23	4	2000	4.34	2.5	0.87	275	39	0.3	4	650	18	3.05	5	162	0.09	51	10	131	10
JM RC-15-05	352	354	103354 EXT		0.377	0.8	7.67	15	390	1.5	30	0.07	1	31	3	2650	3.67	2.24	1.13	240	45	0.19	3	600	4	2.57	5	122	0.08	46	10	143	20
JM RC-15-05	354	356	103355 EXT		0.347	1.4	6.17	7	180	1.1	8.1	0.6	17	4	4	3230	4.27	2.47	0.74	172	58	0.14	6	630	9	1.81	5	151	0.1	60	10	90	10
JM RC-15-05	356	358	103356 EXT		0.347	0.8	7.43	8	270	1.5	26	0.14	1.1	13	4	3230	3.67	2.49	1.24	211	16	0.16	6	530	15	2.29	5	188	0.12	51	10	138	10
JM RC-15-05	358	360	103357 EXT		0.508	1.1	7.5	13	540	1.5	20	0.11	1.2	12	4	4710	3.62	2.46	0.5	144	15	0.17	15	440	7	1.66	5	177	0.13	52	10	116	20
JM RC-15-05	360	362	103358 EXT		0.312	1.1	7.88	5	900	1.9	21	0.08	1.2	12	4	3150	3.33	2.42	0.78	138	127	0.21	15	630	4	1.68	5	174	0.13	58	10	128	10
JM RC-15-05	362	364	103359 EXT		0.169	1.5	6.83	124	110	1	22	0.08	1.2	14	6	3429	4.17	2.72	0.38	91	41	0.13	11	540	39	4.42	5	109	0.1	61	10	58	10
JM RC-15-05	364	366	103360 EXT		0.331	1	5.22	20	150	0.8	14	0.04	0.7	17	5	3910	3.5	2.83	0.46	52	61	0.1	12	510	14	3.74	5	324	0.1	45	10	64	20
JM RC-15-05	366	368	103361 EXT		0.44	0.8	5.75	11	160	0.8	16	0.05	0.8	15	5	3950	3.18	2.62	0.28	98	94	0.16	10	440	10	3.38	5	288	0.09	43	10	66	10
JM RC-15-05	368	370	103362 EXT		0.138	0.9	6.99	388	130	0.8	19	0.08	1.4	12	4	3480	3.38	2.4	0.3	97	52	0.21	6	640	15	3.71	10	267	0.11	56	10	46	10
JM RC-15-05	370	372	103363 EXT		0.114	0.5	6.68	319	160	0.5	18	0.08	1	18	4	2980	2.74	2.15	0.34	39	31	0.28	4	660	36	2.78	7	257	0.13	54	10	38	10
JM RC-15-05	372	374	103364 EXT		0.184	1	7.27	481	200	0.6	22	0.07	0.8	14	4	3680	3.2	2.75	0.38	37	28	0.2	7	760	39	4.08	7	319	0.12	54	10	46	10
JM RC-15-05	374	376	103365 ORG		0.265	0.7	7.39	376	170	0.5	15	0.06	1.1	12	6	3410	3.21	2.37	0.4	47	22	0.18	6	620	37	3.01	6	230	0.14	58	10	61	10
JM RC-15-05	376	378	103367 EXT		0.172	0.7	6.6	186	150	0.5	18	0.05	1	10	5	3100	3.28	2.4	0.34	50	49	0.19	5	540	37	3.36	6	208	0.11	54	10	47	20
JM RC-15-05	378	380	103368 EXT		0.173	0.9	7.4	158	150	0.6	19	0.07	0.8	13	4	3210	3.28	2.45	0.43	46	36	0.29	6	660	27	3.44	5	371	0.15	53	10	61	10
JM RC-15-05	380	382	103369 EXT		0.691	1.9	7.3	617	130	0.7	25	0.11	2.6	12	5	2730	3.45	2.53	0.2	43	36	0.34	9	1160	66	3.98	20	485	0.13	58	10	73	10
JM RC-15-05	382	384	103370 EXT		0.231	0.5	6.56	78	170	0.8	22	0.12	1.9	12	5	3420	3.82	2.36	0.23	37	46	0.27	7	1460	65	3.19	5	467	0.12	58	10	52	20
JM RC-15-05	384	386	103371 EXT		0.28	0.6	6.66	46	180	1	24	0.07	1.9	11	5	2790	2.74	2.45	0.28	42	21	0.28	6	840	28	2.74	5	365	0.12	58	10	62	20
JM RC-15-05	386	388	103372 EXT		0.149	0.9	7.56	29	150	0.7	21	0.07	1.2	11	5	2420	3.13	2.52	0.27	38	36	0.25	9	780	22	3.39	5	295	0.11	57	10	68	10
JM RC-15-05	388	390	103373 EXT		0.191	0.8	8.21	93	140	0.8	24	0.07	1.3	14	4	2280	3.44	2.69	0.28	42	49	0.21	7	720	23	3.42	6	262	0.14	59	10	52	10
JM RC-15-05	390	392	103374 EXT		0.298	0.7	7.26	29	120	0.9	27	0.09	1.2	12	4	3610	3.54	2.63	0.38	39	29	0.2	6	1060	34	3.9	5	479	0.1	57	10	47	10
JM RC-15-05	392	394	103375 EXT		0.223	0.8	7.65	160	120	0.9	23	0.09	1.1	13	4	3080	3.56	2.57	0.32	43	62	0.28	6	910	36	3.98	5	434	0.12	61	10	58	10
JM RC-15-05	394	396	103376 EXT		0.28	0.8	6.11	25	150	0.6	22	0.08	2.7	11	5	2740	3.36	2.56	0.28	34	66	0.3	4	910	57	3.66	5	436	0.11	56	10	76	10
JM RC-15-05	396	398	103377 EXT		0.44	0.8	6.03	6	140	0.9	22	0.09	0.8	12	6	4050	3.58	2.72	0.47	60	46	0.31	16	820	47	3.47	5	367	0.11	60	10	79	20
JM RC-15-05	398	400	103378 EXT		0.275	0.6	7.69	7	230	1	22	0.09	1.1	12	4	2730	3.51	2.46	0.61	64	45	0.29	9	770	43	2.73	5	338	0.09	53	10	56	10
JM RC-15-05	400	402	103379 EXT		0.344	0.9	7.95	4	250	1	22	0.07	1	11	4	2300	3.27	2.51	0.61	63	127	0.23	8	730	31	2.3	5	319	0.1	53	10	112	20
JM RC-15-05	402	404	103380 EXT		0.236	0.8	8.08	11	210	1	20	0.07	1.3	11	4	2440	2.91	2.81	0.68	96	211	0.24	8	730	28	2.73	6	358	0.11	54	10	76	20
JM RC-15-05	404	406	103381 EXT		0.414	1	7.16	40	110	0.7	19	0.11	1.3	13	5	4300	4.13	2.74	0.41	48	36	0.21	8	820	24	4.54	5	332	0.1	61	10	80	20
JM RC-15-05	406	408	103382 ORG		0.401	1.3	7.66	5	160	1	18	0.09	1.2	13	4	4140	3.5	2.99	0.57	82	140	0.2	6	820	29	3.47	5	507	0.1	61	10	91	20
JM RC-15-05	408	410	103384 EXT		0.373	0.7	7.49	5	210	1	25	0.07	1.2	12	4	3530	3.7	2.56	0.76	99	32	0.19	8	750	27	2.79	5	383	0.11	54	10	67	20
JM RC-15-05	410	412	103385 EXT		0.376	1.1	6.78	6	140	1	21	0.07	0.8	11	5	3710	3.63	2.71	0.53	78	62	0.17	6	700	21	3.58	5	368	0.08	54	10	78	10
JM RC-15-05	412	414	103386 EXT		0.414	0.8	6.83	5	100	0.8	20	0.07	0.8	12	8	2530	4.02	2.8	0.41	58	17	0.17	6	660	23	4.69	5	535	0.07	57	10	51	20
JM RC-15-05	414	416	103387 EXT		0.282	0.8	7.17	16	140	0.8	23	0.08	1.2	13	5	3220	3.75	2.58	0.47	50	36	0.17	6	620	16	3.8	5	513	0.09	56	10	53	10
JM RC-15-05	416	418	103388 EXT		0.324	1	7.34	5	140	1	28	0.08	1	16	5	3580	4.02	2.76	0.51	75	39	0.16	19	670	24	3.77	5	388	0.09	62	10	61	10
JM RC-15-05	418	420	103389 EXT		0.43	1	6.93	5	160	0.9	21	0.04	1.1	12	6	3600	4.22	1.99	0.77	153	19	0.16	9	630	16	3.48	5	144	0.09	59	10	162	20
JM RC-15-05	420	422	103390 EXT		0.445	1.4	8.14	8	110	0.8	19	0.04	1.1	15	7	4580	4.62	2.45	0.49	86	25	0.15	10	430	19	4	5	142	0.07	53	10	78	20
JM RC-15-05	422	424	103391 EXT		0.222	0.8	6.47	14	120	0.7	17	0.04	0.9	11	7	2010	4.22	2.62	0.56	102	16	0.19	10	430	36	4.13	6	156	0.08	56	10	31	20
JM RC-15-05	424	426	103392 EXT		0.222	0.5	7.1	6	160	0.8	19	0.05	0.7	11	4	2120	4.05	2.72	0.7	92	39	0.18	10	460	30	3.67	6	186	0.09	58	10	95	10
JM RC-15-05	426	428	103393 EXT		0.31	0.8	7.23	5	160	1	21	0.04	1	12	4	2750	4.29	2.78	0.68	100	29	0.2	12	440	20	3.61	5	179	0.1	61	10	83	10
JM RC-15-05	428	430	103394 EXT		0.328	0.9	8.62	36	180	0.7	26	0.03	1.2	14	4	3710	3.91	2.74	0.34	57	38	0.19	6	380	18	3.31	5	125	0.09	50	10	192	30
JM RC-15-05	430	432	103395 EXT		0.478	0.9	7.61	16	220	0.8	21	0.04	1	12	4	4290	2.83	2.68	0.24	43	17	0.23	7	380	22	2.77	5	142	0.11	48	10	27	20
JM RC-15-05	432	434	103396 EXT		0.569	1	7.43	10	150	0.9	21	0.06	0.7	15	4	4800	3.72	2.78	0.35	45	12	0.22	11	560	36	3.6	5	341	0.1	55	10	32	20
JM RC-15-05	434	436	103397 EXT		0.253	0.5	7.59	5	110	1	25	0.07	1	15	4	3300	4.05	2.54	0.36	48	9	0.24	11	710	39	4.76	5	277	0.08	58	10	46	20
JM RC-15-05	436	438	103398 EXT		0.343	0.8	7.46	5	170	0.8	22	0.04	1.2	16	4	3160	3.96	2.56	0.52	77	17	0.2	11	470	22	3.02	6	149	0.11	52	10	52	20
JM RC-15-05	438	440	103399 EXT		0.322	0.8	7.15	53	130	0.8	23	0.06	1.6	15	4	2760	3.54	2.56	0.24	48	14	0.21	7	440	27	3.68	5	184	0.1	52	10	198	30
JM RC-15-05	0	2	103400 EXT		0.098	0.5	7.95	36	600	0.5	30	0.19	1.1	2	10	100	3.13	2.01	0.19	83	16	0.25	1	810	134	0.31	5	387	6.25	118	10	88	40
JM RC-15-05	2	4	103401 ORG		0.114	0.8	7.94	31	620	0.5	21	0.15	0.8	3	18	428	3.21	2.24	0.16	49	19	0.22	9	780	136	0.68	5	365	0.2	106	10	46	30
JM RC-15-05	4	6	103403 EXT		0.03	0.8	10.15	27	360	0.6	25	0.25	1.1	5	15	227	3.24	2.14	0.28	64	7	0.27	9	830	42	0.27	5	217	0.41	154	10	80

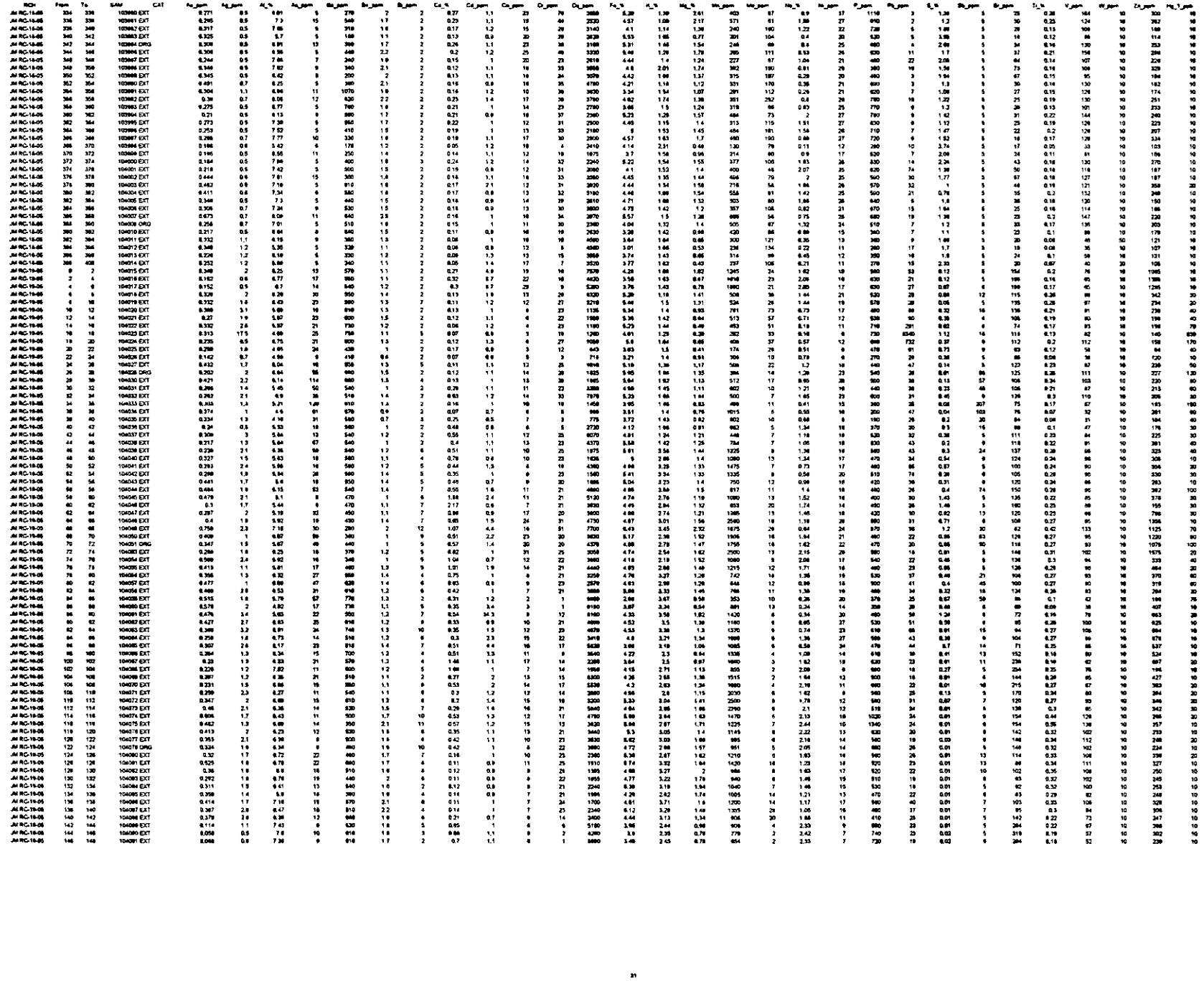


RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-16-05	248	250	103531 EXT		0.259	0.7	7.7	19	220	0.6	7	0.08	1.2	10	8	2570	3.04	2.14	0.35	52	75	0.13	7	520	19	2.06	5	228	0.13	44	10	388	20
JM RC-16-05	250	252	103532 EXT		0.314	1	6.07	8	270	0.6	5	0.07	1.4	17	5	3610	2.89	2.6	0.41	53	55	0.18	10	500	28	2.22	11	322	0.13	63	10	391	10
JM RC-16-05	252	254	103533 DRG		0.533	1	7.45	13	230	0.7	7	0.08	1.2	17	6	4540	2.88	1.96	0.57	65	32	0.16	15	450	27	2.24	5	264	0.13	57	10	375	20
JM RC-16-05	254	256	103535 EXT		0.414	1	7.49	82	140	0.7	7	0.07	1.9	15	6	4400	3.41	1.84	0.3	59	37	0.2	9	590	36	3.16	14	360	0.12	62	10	297	20
JM RC-16-05	256	258	103536 EXT		0.36	0.7	7.82	18	130	0.7	4	0.08	1	15	5	4280	3.4	1.93	0.55	57	35	0.16	10	600	45	3.11	8	364	0.13	61	10	296	10
JM RC-16-05	258	260	103537 EXT		0.257	0.5	7.46	15	170	0.6	4	0.07	1	15	6	2850	3.46	2.06	0.34	62	47	0.17	10	620	36	3	14	374	0.12	62	10	331	10
JM RC-16-05	260	262	103538 EXT		0.178	0.5	4.16	7	300	0.8	10	0.11	1.3	12	3	2140	3.19	2.69	0.31	55	56	0.16	8	1160	34	2.07	10	895	0.15	58	10	116	10
JM RC-16-05	262	264	103539 EXT		0.52	0.5	7.39	5	290	0.9	4	0.08	1	19	3	9580	3.56	2.22	0.34	54	51	0.15	12	650	32	3.09	9	998	0.13	53	10	58	10
JM RC-16-05	264	266	103540 EXT		0.561	1.1	8.77	5	200	0.8	6	0.07	0.8	15	11	6440	3.83	1.9	0.43	58	24	0.09	22	470	30	3.01	12	304	0.18	80	10	70	10
JM RC-16-05	266	268	103541 EXT		0.71	1.3	9.34	9	260	1.2	5	0.1	0.8	19	42	7080	4.87	1.88	1	142	88	0.09	41	730	35	2.86	23	470	0.31	136	10	108	10
JM RC-16-05	268	270	103542 EXT		0.481	1.1	7.19	5	140	1.3	6	0.12	0.8	19	20	6730	4.85	2.15	0.68	134	30	0.09	22	980	33	3.98	13	508	0.14	102	10	70	10
JM RC-16-05	270	272	103543 EXT		0.63	1.2	7.1	8	270	1.2	6	0.14	0.9	14	22	6420	4.3	1.42	0.89	105	28	0.08	18	770	36	2.35	9	362	0.22	100	10	82	10
JM RC-16-05	272	274	103544 EXT		0.663	1.2	8.71	5	140	1.2	2	0.1	1	23	21	7480	4.78	1.81	0.93	166	19	0.08	21	810	29	3.7	11	371	0.15	100	10	109	10
JM RC-16-05	274	276	103545 EXT		0.567	0.8	8.82	5	120	0.9	5	0.08	0.9	17	18	5010	5.12	2.22	0.78	136	37	0.09	19	400	34	4.72	7	177	0.11	76	10	74	10
JM RC-16-05	276	278	103546 EXT		0.375	0.6	7.06	22	140	0.7	6	0.1	1	18	4	3950	3.83	2.35	0.42	93	30	0.12	10	590	78	3.76	17	336	0.1	99	10	40	10
JM RC-16-05	278	280	103547 ORG		0.564	1.6	5.91	29	90	0.8	4	0.08	0.9	20	9	4870	5.97	2.48	0.22	95	116	0.12	8	450	48	5.72	14	252	0.07	51	10	21	10
JM RC-16-05	280	282	103548 EXT		0.542	1.3	8.32	5	150	0.8	4	0.07	0.8	18	14	6150	4.42	2.3	0.56	120	107	0.1	16	540	38	3.65	12	330	0.11	77	10	90	10
JM RC-16-05	282	284	103550 EXT		0.363	1	8.59	5	560	1.2	8	0.08	0.9	14	3	3450	3.11	2.32	0.76	164	16	0.08	12	620	41	1.79	6	307	0.1	58	10	84	10
JM RC-16-05	284	286	103551 EXT		0.541	0.8	8.96	9	410	1.2	6	0.08	1.5	14	5	4290	3.88	2.41	0.88	205	16	0.08	8	430	25	2.18	9	170	0.11	56	10	87	10
JM RC-16-05	286	288	103552 EXT		0.588	1.3	9.7	5	370	1.1	5	0.06	0.6	20	16	4020	5.15	2.53	0.81	215	51	0.08	17	450	28	2.81	17	169	0.18	100	10	94	10
JM RC-16-05	288	290	103553 EXT		0.45	0.9	8.87	5	450	1	9	0.08	1.4	14	11	4200	4.05	1.98	0.86	305	22	0.08	15	530	27	1.42	10	257	0.17	41	10	80	10
JM RC-16-05	290	292	103554 EXT		0.492	0.9	7.46	5	510	1	7	0.1	1.2	12	2	3920	3.33	2.01	0.84	156	12	0.09	11	360	28	1.83	12	146	0.11	56	10	80	10
JM RC-16-05	292	294	103555 EXT		0.393	0.8	8.01	5	290	1	5	0.05	1.2	18	4	3190	2.77	2.51	0.32	46	26	0.13	15	530	37	2.47	7	288	0.09	59	10	25	10
JM RC-16-05	294	296	103556 EXT		0.483	1.1	7.65	5	230	0.8	5	0.05	0.9	23	3	4470	2.92	2.07	0.36	44	27	0.12	18	280	35	2.98	11	141	0.1	54	10	24	10
JM RC-16-05	296	298	103557 EXT		0.447	1.1	7.67	8	230	1	5	0.04	1	20	2	3860	2.81	1.88	0.41	49	84	0.12	22	270	26	2.41	10	95	0.11	50	10	46	10
JM RC-16-05	298	300	103558 EXT		0.456	0.7	7.81	5	140	0.9	5	0.19	0.8	29	5	3450	3.58	2.23	0.32	50	19	0.15	17	260	26	3.54	7	89	0.09	57	10	34	10
JM RC-16-05	300	302	103559 EXT		0.808	0.8	7.04	8	310	0.9	2	0.05	0.8	33	5	3530	2.78	2.35	0.29	44	34	0.16	17	370	31	2.64	11	100	0.08	51	10	23	10
JM RC-16-05	302	304	103560 EXT		0.512	0.9	7.41	5	260	1	6	0.05	0.9	21	4	3420	2.55	2.33	0.34	47	34	0.19	32	430	22	2.52	7	146	0.1	52	10	36	10
JM RC-16-05	304	306	103561 EXT		0.577	0.6	7.35	5	190	0.9	3	0.04	0.8	41	5	3660	3	2.43	0.25	45	18	0.16	30	260	22	2.88	15	116	0.1	56	10	27	10
JM RC-16-05	306	308	103562 EXT		0.366	0.6	6.91	5	150	0.8	6	0.04	0.8	14	4	2820	3.6	2.12	0.5	59	88	0.12	11	300	14	2.57	10	158	0.11	50	10	30	10
JM RC-16-05	308	310	103563 EXT		0.382	1	7.58	16	130	0.8	6	0.05	0.9	13	3	2780	4.1	2.88	0.67	58	30	0.17	10	410	23	4.26	8	164	0.12	56	10	43	10
JM RC-16-05	310	312	103564 EXT		0.566	1.2	8.28	58	80	0.9	7	0.12	0.7	30	10	4330	4.51	2.22	0.29	54	120	0.3	18	1660	42	5.47	13	1345	0.08	57	10	64	30
JM RC-16-05	312	314	103565 ORG		0.705	0.5	5.09	5	180	0.5	7	0.05	1.6	20	9	4180	4	1.97	0.18	58	124	0.16	13	500	20	4.28	14	343	0.07	51	10	28	10
JM RC-16-05	314	316	103567 EXT		0.309	0.5	7.47	5	150	0.8	4	0.05	1	17	4	2120	2.94	2.53	0.34	42	84	0.19	13	400	16	3.09	6	132	0.1	57	10	36	10
JM RC-16-05	316	318	103568 EXT		0.26	0.5	6.38	5	220	1.3	4	0.05	1	27	4	1985	2.62	1.97	0.36	42	29	0.18	27	530	20	2.56	5	132	0.16	88	10	35	10
JM RC-16-05	318	320	103569 EXT		0.313	0.5	8.3	5	180	1.5	6	0.06	0.9	19	4	1825	2.81	2.17	0.42	47	14	0.15	22	570	13	2.79	13	146	0.13	58	10	37	10
JM RC-16-05	320	322	103570 EXT		0.311	0.5	9.12	5	560	1.4	4	0.08	0.8	19	4	1980	2.35	2.1	0.57	58	15	0.16	27	830	13	2.06	11	139	0.15	83	10	53	10
JM RC-16-05	322	324	103571 EXT		0.324	0.5	8.73	5	480	1.9	4	0.08	1	10	8	2240	2.36	1.9	1	134	22	0.13	24	870	9	1.38	19	212	0.17	89	10	67	10
JM RC-16-05	324	326	103572 EXT		0.16	0.4	7.98	5	530	1.7	6	0.08	0.8	11	3	1775	2.84	2.2	0.96	180	32	0.14	15	790	9	1.67	14	154	0.14	95	10	101	10
JM RC-16-05	326	328	103573 EXT		0.307	0.5	7.46	5	360	1.7	4	0.08	1	11	3	1955	2.91	2.01	0.87	125	12	0.12	17	710	12	2.12	5	160	0.11	80	10	78	10
JM RC-16-05	328	330	103574 EXT		0.348	0.5	7.45	5	260	1.7	6	0.09	0.9	12	3	2430	2.88	2.03	0.51	96	16	0.18	20	770	15	2.42	18	160	0.11	58	10	41	10
JM RC-16-05	330	332	103575 EXT		0.258	0.6	7.41	5	410	1.1	2	0.05	0.9	14	3	2370	2.46	2.56	0.33	48	24	0.18	23	420	11	2.33	9	142	0.11	58	10	33	10
JM RC-16-05	332	334	103576 EXT		0.299	0.5	7.46	5	180	1.1	7	0.05	0.6	19	3	2900	2.8	2.25	0.25	41	24	0.29	15	460	15	3.17	11	129	0.12	57	10	25	10
JM RC-16-05	334	336	103577 EXT		0.475	0.8	5.85	5	320	0.5	5	0.03	1.1	30	4	3890	3.47	1.43	0.18	80	21	0.17	23	290	12	3.63	8	77	0.09	49	10	79	10
JM RC-16-05	336	338	103578 EXT		0.564	1.2	5	878	60	0.5	7	0.03	2.2	31	4	5190	4.32	1.56	0.13	86	19	0.17	22	380	28	4.84	12	307	0.08	52	10	85	40
JM RC-16-05	338	340	103579 EXT		0.431	1.2	5.01	806	210	0.5	6	0.04	4.6	21	5	4770	3.15	2.84	0.09	79	71	0.21	11	580	28	3.71	20	788	0.07	53	10	104	40
JM RC-16-05	340	342	103580 EXT		0.877	0.8	6.66	32	190	0.7	3	0.03	0.8	37	4	4800	3.37	2.14	0.25	57	20	0.18	26	310	17	3.49	10	162	0.14	50	10	42	20
JM RC-16-05	342	344	103581 EXT		0.808	1.1	8.17	5	230	0.8	5	0.03	0.8	52	5	4270	2.84	2.48	0.26	66	17	0.24	27	400	14	2.74	11	237	0.13	48	10	51	10
JM RC-16-05	344	346	103582 EXT		0.728	1.3	5.48	8	170	1	5	0.03	1.4	41	3	4520	2.7	1.8	0.2	82	33	0.16	30	370	14	2.85	10	143	0.1	43	10	81	10
JM RC-16-05	346	348	103583 EXT		0.693	1.5	5.39	5	120	1.1	7	0.04	1	47	4	4620	1.84	1.46	0.22	75	13	0.15	14	430	17	3.6	8	63	0.08	52	10	48	10
JM RC-16-05	348	350	103584 EXT		0.754	1.4	5.32	5	240	1.2	5	0.04	1	28	6	5810	3.46	2.48	0.25	72	27	0.15	23	440	17	2.79	7	88	0.1	51	10	50	10
JM RC-17-05	0	2	103585 EXT		0.013	0.5	7.97	26	610	1.1	4	3.35	1.2	19	10	130	4.71	1.29	1.76	898	1	1.54	11	780	21	0.14	5	391	0.48	193	10	184	30
JM RC-17-05	2	4	103586 EXT		0.022	0.5	7.62	5	370	0.9	7	3.77	1.4	20	20	231	4.37	1.67	1.75	777	1	1.55	8	640	12	0.1	5	355	0.44	172	10	196	10
JM RC-17-05	4	6	103587 EXT		0.005	0.5	7.48	5	330	0.9	7	4.46	1	16	7	75	4.28	0.82	1.86	775	1	1.86	10	670	12	0.01	5	507	0.45	175	10	162	10
JM RC-17-05	6	8	103588 EXT		0.005	0.5	7.83	5	280	0.9	10	4.38	1.1	19	7	87	4.81	0.8	1.88	904	1	1.88	13	830	13	0.01	5	456	0.46	180	10	203	10
JM RC-17-05	8	10	103589 EXT		0.005	0.5	7.88	5	400	0.9	7	4.2	1	19	7	64	4.35	0.85	1.85	826	1	1.74	8	880	11	0.01	5	470	0.47	194	10	195	10
JM RC-17-05	10	12	103590 EXT		0.005	0.5	7.54	5	350	0.9	10	3.9	1.1	16	8	48	4.15	0.95	1.76	744	1	1.58	8	810	8	0.01	5	505	0.45	174	10	108	10
JM RC-17-05	12	14	103591 ORG		0.005	0.5	7.7	5	370	0.9	8	4.57	0.8	18	8	42	4.47	0.95	1.98	862	1	1.78	7	880	12	0.01	5	481	0.49	183	10	114	10
JM RC-17-05	14	16	103593 EXT		0.005	0.5	7.58	5	370	0.9	6	4.72	1.1	15	6	48	4.34	0.98	1.8	851	1	1.79	8	730	5	0.01	5	450	0.48	184	10	108	10
JM RC-17-05	16	18	103594 EXT		0.005	0.5	7.89	5	510	1	6	4.71	1.1	17	7	53	4.33	0.7	1.71	567	1	2.17	8	740	7	0.01	5	477	0.46	181	10	102	10
JM RC-17-05	18	20	103595 EXT		0.005	0.5	7.55	5	330	1	4	4.61	1.3	17	8	39	4.26	0.75	1.74	905	1	1.88	8	865	10	0.01	5	433	0.47	187	10	103	10
JM RC-17-05	20	22	103596 EXT		0.005	0.5	7.26	7	330	1	7	4.44	1.3	18	7	46	4.14	0.7	1.7	948	1	1.66	11	830	7	0.01	5	439	0.48	194	10	100	10
JM RC-17-05	22	24	103597 EXT		0.005	0.5	7.55	5	370	1	3	4.57	1.1	17	7	58	4.48	0.82	2.01	929	1	1.87	9	980	9	0.01	5	471	0.49	198	10	110	10
JM RC-17-05	24	26	103598 EXT		0.005	0.5	7.11	7	440	1	7	4.12	1	13	6	43	4.37	1.16	1.32	880	1	1.41	6	740	15	0.01	5	443	0.43	144	10	142	10
JM RC-17-05	26	28	103599 EXT		0.005	0.5	7.91	9	520	1.1	2	3.54	1	10	7	25	3.75	1.92	1	527	1	1.64	4	950	18	0.01	5	478	0.36	104	10	162	10
JM RC-17-05	28	30	103600 EXT		0.005	0.5	7.89	5	520	1.1	6	3.64	1	13	7	31	3.84	1.24	1.12	589	1	1.84	7	980	18	0.01	5	575	0.41	126	10	154	10
JM RC-17-05	30	32	103601 EXT		0.005	0.5	8.01	5	520	1.3	2	2.96	1.1	11	7	41	3.58	1.8	1	578	1	1.9	6	950	17	0.01	5	701	0.4	123	10	156	10
JM RC-17-05	32	34	103602 ORG		0.005	0.5	7.99	5	540	1.2	3	3.15	1	10	7	25	3.59	1.18	0.96	985	1	1.94	6	980	18	0.01	5	904	0.36	97	10	141	10
JM RC-17-05	34	36	103604 EXT		0.005	0.5	7.93	14	540	1.2	7	3.04	0.9	8	6	30	3.38	1.26	0.97	840	1	1.94	6	970	371	0.01	5	902	0.35	94	10	144	10
JM RC-17-05	36	38	103605 EXT		0.005	0.5	8.21	5	510	1.2	2	3.29	1.1	10	6	25	3.72	1.24	0.95	860	1	2.2	5	1010	20	0.01	5	741	0.36	100	10	146	10
JM RC-17-05	38	40	103606 EXT		0.005	0.5	8.08	8	530	1.2	2	3.19	0.9	8	7	31	3.58	1.32	1.02	854	1	1.98	4	1000	14	0.01	5	773	0.37	88	10	116	10
JM RC-17-05	40	42	103607 EXT		0.005	0.5	7.36	6	480	1.2	10	3.42	0.9	11	7	34	3.87	1.12	1.32	722	1	1.98	7	820	16	0.01	5	704	0.4	130	10	128	10
JM RC-17-05	42	44	103608 EXT		0.005	0.5	7.19	5	1300	1.1	6	3.33	1	13	8	51	3.7	1.2	1.28	828	1	1.84	6	880	12	0.01	5	888	0.36	142	10	118	10
JM RC-17-05	44	46	103609 EXT		0.005	0.5	7.75	9	480	1.3	5	3.56	1.2	14	7	64	4.14	1.22	1.55	743	1	1.96	8	770	12	0.01	5	600	0.42	145	10	138	10
JM RC-17-05	46	48	103610 EXT		0.005	0.5	7.42	6	480	1.3	2	3.45	0.9	13	8	57	4.01	1.36	1.46	718	1	1.79	8	740	13	0.01	5	455	0.39	142	10	120	10
JM RC-17-05	48	50	103611 EXT		0.005	0.5	7.2	10	440	1.2	2	3.58	1.6	14	15	67	3.91	1.36	1.4	704	3	1.54	12	850	11	0.01	5	425	0.36	139	10	117	10
JM RC-17-05	50	52	103612 EXT		0.005	0.5	7.66	12	400	1.2	2	3.74	1.4	14	26	32	3.81	1.02	1.54	711	1	1.66	15	700	11	0.01	5	572	0.4	141	10	117	10
JM RC-17-05	52	54	103613 EXT		0.005	0.5	8.89	5	470	1.2	6	3.48	1.2	18	7	30	3.86	1.56	1.48	715	1	1.88	11	730	7	0.01	5	568	0.42	144	10	118	10
JM RC-17-05	54	56	103614 EXT		0.005	0.5	7.51	16	410	1.1	6	3.91	1.1	16	16	29	3.71	1.34	1.56	781	1	1.94	12	780	6	0.01	5	705	0.43	158	10	101	10
JM RC-17-05	56	58	103615 EXT		0.005	0.5	7.19	9	330	1	3	3.93	1.2	11	16	27	3.47	0.97	1.5	754	1	2.08	9	730	5	0.01	5	571	0.38	134	10	84	10
JM RC-17-05	58	60	103616 EXT		0.005	0.5	7.65	5	440	1	5	4.09	1.2	13	14	30	3.7	1.1	1.84	781	1	2.08	10	780	5	0.01	5	464	0.42	150	10	83	10
JM RC-17-05	60	62	103617 EXT		0.005	0.5	7.83	5	530	1	9	4.26	0.9	11	11	32	3.87	1.18	1.54	824	1	1.98	7	770	11	0.01	5	475	0.41	150	10	77	10
JM RC-17-05	62	64	103618 EXT		0.005	0.5	7.33	9	530	1	7	3.81	0.9	12	12	27	3.87	1.33	1.52	785	1	1.83	11	800	6	0.01	5	705	0.38	138	10	78	10
JM RC-17-05	64	66	103619 EXT		0.005	0.8	6.98	20	460	1	3	2.89	0.8	14	13	122	3.25	1.46	1.31	1010	8	1.4	19	670	8	0.01	5	629	0.35	137	10	87	10
JM RC-17-05	66	68	103620 EXT		0.005	0.5	7.82	5	480	1.1	5	2.87	1.2	16	10	100	3.56	1.8	1.52	871	1	1.99	13	770	6	0.08	5	586	0.38	148	10	104	10
JM RC-17-05	68	70	103621 EXT		0.005	0.5	7.31	5	410	1	4	2.88	1.1	22	7	146	3.21	1.46	1.4	882	1	1.62	13	880	8	0.54	5	516	0.36	136	10	116	10
JM RC-17-05	70	72	103622 EXT		0.01	0.5	7.78	17	390	1	8	2.96	1	11	8	32	3.72	1.58	1.52	872	1	1.97	10	800	6	0.53	5	379	0.41	150	10	87	10
JM RC-17-05	72	74	103623 EXT		0.006	0.5	7.4	5	480	0.9	8	4.01	0.9	13	18	58	3.64	1.22	1.58	788	1	1.91	15	770	8	0.08	5	531	0.4	146	10	88	10
JM RC-17-05	74	76	103624 EXT		0.005	0.5	7.84	17	340	0.9	2	4.25	1	15	9	47	3.52	1.04	1.42	808	1	1.45	9	810	11	0.1	5	542	0.41	158	10	88	10
JM RC-17-05	76	78	103625 ORG		0.005	0.5	7.15	6	350	0.9	5	4.04	1.3	13	7	14	3.89	1.16	1.44	710	1	1.27	7	760	26	0.24	5	340	0.36	148	10	86	10
JM RC-17-05	78	80	103627 EXT		0.005	0.5	7.88	5	510	1	4	4.12	1.3	18	10	134	4.16	1.58	1.46	824	1	1.4	10	800	13	0.01	5	298	0.42	157	10	122	10
JM RC-17-05	80	82	103628 EXT		0.005	0.8	7.56	5	480	1	8	3.51	1.4	18	6	63	4.6	1.24	1.5	646	2	1.41	10	730	20	0.67	5	308	0.4	152	10	118	10
JM RC-17-05	82	84	103629 EXT		0.005	0.8	7.87	6	350	1.1	10	3.02	1.1	18	7	518	4.24	0.98	1.78	808	2	1.52	11	820	23	0.18	5	318	0.4	148	10	114	10
JM RC-17-05	84	86	103630 EXT		0.005

RCH	From	To	SAM	CAT	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-17-05	112	114	163644 EXT		0.005	0.5	7.91	15	500	1.2	6	3.07	1.4	9	30	37	3.63	1.78	1.52	1075	1	0.05	15	660	42	0.01	5	172	0.42	134	10	156	10
JM RC-17-05	114	116	163645 EXT		0.005	1.7	7.8	25	880	1.1	6	2.62	1.4	8	35	78	3.44	1.77	1.38	1055	1	0.05	14	600	27	0.38	5	152	0.38	108	10	142	10
JM RC-17-05	116	118	163646 ORG		0.027	0.7	6.19	17	580	1.2	11	0.84	3	19	7	266	4.13	1.18	1.9	1475	2	0.74	5	640	121	0.01	5	122	0.41	121	20	483	10
JM RC-17-05	118	120	163648 EXT		0.005	1.9	7.88	9	580	1.2	13	0.91	4.4	19	5	237	4.92	1.12	1.9	3010	2	0.87	7	670	84	0.01	7	78	0.42	124	10	899	10
JM RC-17-05	120	122	163649 EXT		0.005	0.5	7.86	16	520	1	14	1.29	2.7	18	6	124	4.34	0.8	2.09	1785	1	0.88	1	640	61	0.01	6	102	0.41	125	10	441	10
JM RC-17-05	122	124	163650 EXT		0.005	1.4	7.39	7	570	1	12	2.83	1.9	9	12	27	3.4	0.78	1.58	1565	1	0.79	5	780	25	0.01	5	130	0.39	116	10	144	10
JM RC-17-05	124	126	163651 EXT		0.005	0.9	7.25	5	520	1	11	2.95	0.6	9	9	23	3.99	0.78	1.5	1760	1	0.88	3	800	19	0.01	6	110	0.4	114	10	126	10
JM RC-17-05	126	128	163652 EXT		0.005	1.1	7.43	11	540	1	10	2.45	1.3	11	11	11	4.16	0.78	1.52	1600	1	0.88	5	630	14	0.05	5	120	0.41	126	10	156	10
JM RC-17-05	128	130	163653 EXT		0.005	0.7	7.84	11	560	1	13	2.46	1.2	10	6	1	5.22	0.43	1.93	1620	1	1.18	4	630	15	0.5	5	234	0.42	141	10	219	10
JM RC-17-05	130	132	163654 EXT		0.005	0.5	6.04	11	410	2.7	8	1.08	1.4	29	6	85	6.95	1.12	2.02	1635	1	0.64	24	630	44	0.83	5	148	0.43	153	10	802	10
JM RC-17-05	132	134	163655 EXT		0.005	0.7	6.39	8	580	1.1	11	0.92	0.6	6	21	206	4.42	1.18	1.08	648	1	0.25	6	430	37	1.19	5	207	0.48	148	10	138	20
JM RC-17-05	134	136	163656 EXT		0.005	1.4	7.7	84	710	0.9	12	0.51	0.5	1	12	44	2.1	0.72	0.07	50	4	0.2	1	790	108	1.16	6	724	0.28	127	10	17	50
JM RC-17-05	136	138	163657 EXT		0.08	1.9	7.83	11	410	0.8	13	0.15	0.5	1	15	21	2.49	1.05	0.09	38	11	0.17	1	980	209	0.38	5	686	0.2	136	10	17	10
JM RC-17-05	138	140	163658 EXT		0.082	1.4	7.24	9	520	0.5	9	0.13	0.5	1	16	33	2.06	0.92	0.09	36	11	0.24	1	640	312	0.08	7	583	0.16	133	10	16	10
JM RC-17-05	140	142	163659 EXT		0.075	1.1	6.08	12	410	0.8	16	0.18	0.5	1	21	29	3.05	1.43	0.1	35	10	0.28	1	840	233	0.39	5	402	0.16	144	10	19	10
JM RC-17-05	142	144	163660 ORG		0.028	1.5	6.29	14	530	0.5	8	0.14	0.7	1	24	15	2.96	1	0.13	40	11	0.23	1	800	219	0.34	5	360	0.16	146	10	22	20
JM RC-17-05	144	146	163662 EXT		0.058	0.9	7.05	11	560	0.8	8	0.1	0.5	1	24	18	3.56	1.22	0.12	40	10	0.21	2	850	199	0.32	5	383	0.16	148	10	19	10
JM RC-17-05	146	148	163663 EXT		0.061	1.1	6.16	13	570	0.5	10	0.11	0.7	1	25	19	3.36	1.12	0.11	38	12	0.2	1	880	185	0.34	5	364	0.16	148	10	16	10
JM RC-17-05	148	150	163664 EXT		0.088	1	6.87	9	560	0.5	6	0.1	0.5	1	23	17	2.91	1.04	0.11	35	13	0.21	1	790	156	0.34	5	306	0.16	136	10	16	10
JM RC-17-05	150	152	163665 EXT		0.11	0.8	7.68	22	640	0.5	3	0.11	1	1	22	21	2.82	1.23	0.1	44	14	0.19	4	770	136	0.31	6	368	0.2	176	10	19	20
JM RC-17-05	152	154	163666 EXT		0.114	0.5	7.09	14	580	0.5	2	0.09	0.6	1	15	27	2.2	1.04	0.07	38	16	0.16	4	660	89	0.74	5	268	0.17	95	10	12	20
JM RC-17-05	154	156	163667 EXT		0.144	0.5	7.1	21	610	0.5	2	0.08	0.6	1	17	27	2.44	1.52	0.08	38	32	0.15	6	730	71	0.36	5	253	0.16	104	10	14	10
JM RC-17-05	156	158	163668 EXT		0.139	0.7	7.21	21	610	0.5	2	0.09	0.6	1	17	25	2.56	1.8	0.09	38	24	0.13	5	740	71	0.25	5	248	0.16	101	10	14	10
JM RC-17-05	158	160	163669 EXT		0.132	0.5	7.77	20	660	0.5	2	0.1	0.6	1	20	31	3.81	1.73	0.1	46	30	0.18	7	760	66	0.34	5	305	0.2	136	10	53	10
JM RC-17-05	160	162	163670 EXT		0.164	0.5	7.68	25	660	0.5	2	0.09	0.6	1	19	27	2.93	1.65	0.09	39	21	0.19	5	730	77	0.42	5	229	0.16	113	10	20	20
JM RC-17-05	162	164	163671 EXT		0.143	0.5	7.33	19	610	0.5	2	0.09	0.6	1	19	30	3.18	1.8	0.11	56	31	0.13	6	700	60	0.23	5	233	0.16	97	10	16	10
JM RC-17-05	164	166	163672 EXT		0.162	0.6	7.04	12	650	0.5	2	0.08	0.7	2	16	36	2.51	1.16	0.1	25	26	0.13	4	740	73	0.17	5	237	0.17	84	10	16	20
JM RC-17-05	166	168	163673 EXT		0.152	0.5	7.15	17	660	0.5	3	0.09	0.6	1	18	31	2.9	1.46	0.1	67	25	0.12	7	730	66	0.33	5	268	0.16	103	10	15	20
JM RC-17-05	168	170	163674 EXT		0.147	0.5	6.97	19	660	0.5	3	0.09	0.6	1	18	28	2.73	1.27	0.1	35	28	0.16	4	680	80	0.17	5	268	0.15	88	10	15	10
JM RC-17-05	170	172	163675 EXT		0.113	0.5	7.08	21	660	0.5	2	0.08	0.6	1	19	26	2.79	1.17	0.1	41	22	0.18	4	700	106	0.13	5	263	0.16	112	10	14	10
JM RC-17-05	172	174	163676 EXT		0.13	0.5	7.1	17	660	0.5	2	0.09	0.6	1	17	29	2.46	1.39	0.09	34	24	0.27	5	680	79	0.14	5	286	0.15	105	10	16	10
JM RC-17-05	174	176	163677 EXT		0.164	0.5	7.77	22	640	0.5	2	0.08	0.6	2	16	37	3.06	1.92	0.1	60	32	0.42	5	780	62	0.14	5	361	0.16	156	10	206	10
JM RC-17-05	176	178	163678 EXT		0.112	0.5	7.4	20	600	0.5	2	0.08	0.7	1	15	48	2.86	1.62	0.11	51	27	0.3	6	660	44	0.19	5	368	0.16	85	10	208	10
JM RC-17-05	178	180	163679 EXT		0.12	0.5	6.68	34	530	1	2	0.21	1.1	2	10	39	2.97	1.1	0.19	58	18	0.67	4	620	31	0.29	5	160	0.27	112	10	360	10
JM RC-17-05	180	182	163680 EXT		0.611	0.5	9.1	45	790	2.6	2	0.39	6.8	14	4	606	4.97	0.87	1.72	977	1	0.74	22	520	68	0.12	5	438	0.39	175	10	686	10
JM RC-17-05	182	184	163681 EXT		0.008	0.5	7.62	85	810	5.4	2	0.43	15.2	25	4	888	6.69	0.84	1.57	1875	2	1.41	29	630	150	0.1	5	198	0.52	116	10	651	70
JM RC-17-05	184	186	163682 EXT		0.85	0.5	9.49	16	780	1.9	2	0.52	1.1	9	16	1245	2.57	1.04	0.95	416	3	0.58	12	410	69	0.93	5	112	0.34	139	10	168	10
JM RC-17-05	186	188	163683 EXT		0.136	0.9	6.75	14	600	0.4	2	0.23	0.6	9	13	56	3.05	1.06	0.12	58	23	0.18	5	700	18	0.38	5	138	0.16	85	10	27	10
JM RC-17-05	188	190	163684 EXT		0.116	0.5	7.94	32	640	0.4	2	0.13	0.6	2	13	42	2.51	1.29	0.1	29	29	0.15	5	670	50	0.29	5	201	0.2	102	10	32	10
JM RC-17-05	190	192	163685 ORG		0.175	0.8	6.95	22	680	0.5	2	0.09	1	2	15	44	2.59	0.91	0.09	48	22	0.13	4	670	63	0.31	5	324	0.16	85	10	32	10
JM RC-17-05	192	194	163687 EXT		0.197	0.7	6.13	9	520	0.5	2	0.07	0.6	2	14	1035	2.79	1.44	0.09	54	11	0.07	9	680	90	0.38	5	157	0.08	66	10	13	10
JM RC-17-05	194	196	163688 EXT		0.139	0.7	7.32	24	520	0.5	4	0.08	1	1	14	44	2.66	1.16	0.09	38	20	0.19	4	660	136	0.21	7	363	0.19	104	10	39	10
JM RC-17-05	196	198	163689 EXT		0.139	1.3	6.5	31	310	0.6	2	0.09	0.6	1	11	46	2.38	1.22	0.09	38	21	0.19	3	580	88	0.15	6	340	0.16	96	10	57	10
JM RC-17-05	198	200	163690 EXT		0.252	0.9	9.88	60	880	1.9	2	0.22	0.8	5	7	2660	3.27	1.36	0.18	35	2	0.46	16	440	144	1.4	6	84	0.36	156	10	107	10
JM RC-17-05	200	202	163691 EXT		0.088	0.6	7.74	37	600	1	2	0.21	0.6	4	12	1815	3.02	1.16	0.18	66	9	0.31	9	540	47	0.61	10	79	0.18	108	10	107	10
JM RC-17-05	202	204	163692 EXT		0.101	0.7	7.37	12	340	0.7	2	0.13	0.6	2	10	62	1.96	1.27	0.09	30	13	0.28	7	700	91	0.27	6	238	0.19	108	10	68	10
JM RC-17-05	204	206	163693 EXT		0.088	0.6	7.45	28	360	0.5	3	0.18	0.7	1	16	43	2.65	1.61	0.07	66	13	0.58	6	770	326	0.28	6	308	0.17	105	10	231	10
JM RC-17-05	206	208	163694 EXT		0.212	1	6.14	23	560	0.5	5	0.1	0.8	2	13	611	2.25	1.42	0.07	25	17	0.32	5	630	136	0.33	7	358	0.18	92	10	161	20
JM RC-17-05	208	210	163695 EXT		0.127	0.8	6.89	13	560	0.5	5	0.08	0.8	2	16	67	2.89	1.4	0.09	56	15	0.12	7	750	61	0.16	11	276	0.3	164	10	47	10
JM RC-17-05	210	212	163696 EXT		0.145	0.9	5.94	11	560	0.5	2	0.08	0.7	1	16	64	2.21	1.12	0.07	25	20	0.11	3	580	112	0.2	15	295	0.14	72	10	33	20
JM RC-17-05	212	214	163697 EXT		0.272	0.5	8.88	20	660	0.5	2	0.09	0.5	3	11	60	2.75	1.4	0.13	54	22	0.1	3	580	60	0.28	22	211	0.17	72	10	23	20
JM RC-17-05	214	216	163698 EXT		0.276	0.8	8.05	16	640	0.5	2	0.08	0.6	1	10	71	2.27	1.79	0.15	39	27	0.12	5	640	80	0.28	11	203	0.16	77	10	27	20
JM RC-17-05	216	218	163699 EXT		0.399	0.6	7.24	17	480	0.5	2	0.07	0.6	1	10	60	3.61	1.76	0.18	57	22	0.11	7	570	41	0.15	58	176	0.21	83	10	31	60
JM RC-17-05	218	220	163700 EXT		0.361	0.7	8.45	13	470	0.5	2	0.07	0.6	1	13	301	2.6	1.61	0.15	35	21	0.1	4	510	33	0.21	30	136	0.18	74	10	18	60
JM RC-17-05	220	222	163701 EXT		0.327	0.7	8.78	22	580	0.6	3	0.07	1.3	2	13	98	2.52	1.12	0.14	57	18	0.13	7	650	30	0.23	29	141	0.18	84	10	17	60
JM RC-17-05	222	224	163702 EXT		0.307	0.5	7.33	22	660	0.4	2	0.06	0.5	2	15	49	3.24	2.1	0.15	26	21	0.19	2	610	29	0.5	46	164	0.2	85	20	17	20
JM RC-17-05	224	226	163703 EXT		0.214	0.5	9.25	32	620	0.5	2	0.1	0.5	1	13	56	3.3	1.62	0.12	49	25	0.5	1	660	66	1.6	44	465	0.2	87	10	39	10
JM RC-17-05	226	228	163704 EXT		0.325	0.5	8.23	31	760	0.5	2	0.1	0.5	1	16	43	2.8	1.74	0.15	21	30	0.39	1	1080	57	1.17	36	491	0.2	82	20	9	10
JM RC-17-05	228	230	163705 EXT		0.304	1.1	7.04	14	660	0.5	3	0.1	0.5	1	13	63	2.49	1.58	0.18	58	37	0.23	3	1000	32	0.61	18	912	0.16	78	10	9	60
JM RC-17-05	230	232	163706 EXT		0.311	0.5	7.09	26	660	0.5	3	0.09	0.5	1	36	46	2.88	1.98	0.18	29	32	0.27	4	880	47	0.98	14	806	0.14	72	10	10	60
JM RC-17-06	232	234	163707 ORG		0.37	1.2	9.17	13	820	0.5	2	0.05	0.5	1	4	60	2.35	2.05	0.1	72	20	0.31	2	810	37	1.79	4	232	0.1	88	10	18	60
JM RC-17-05	234	236	163708 EXT		0.378	0.8	8.07	22	400	0.8	2	0.07	0.5	2	21	74	3.13	2.46	0.12	72	29	0.37	5	740	46	2.06	19	384	0.16	83	20	9	60
JM RC-17-05	236	238	163710 EXT		0.645	1.9	6.14	30	240	0.8	2	0.09	0.5	1	14	118	3.31	1.78	0.11	34	44	0.31	5	780	47	2.96	31	365	0.16	73	20	10	60
JM RC-17-05	238	240	163711 EXT		0.374	1.4	5.49	27	370	0.8	2	0.09	0.5	1	9	954	4.8	1.12	0.16	74	33	0.34	5	750	31	2.04	22	144	0.1	86	20	12	60
JM RC-17-05	240	242	163712 EXT		0.653	1.6	6.38	47	280	0.8	2	0.12	0.5	1	6	90	4.66	1.4	0.21	39	51	0.47	3	1070	57	7.2	36	164	0.11	66	20	12	60
JM RC-17-05	242	244	163713 EXT		0.958	1.6	5.99	37	730	0.6	2	0.09	0.5	1	7	174	3.29	1.72	0.29	84	24	0.26	3	460	26	0.68	21	84	0.1	86	20	20	60
JM RC-17-05	244	246	163714 EXT		1.028	1.2	7.02	36	290	1	2	0.07	0.5	6	15	6530	4.15	2.04	0.29	74	14	0.29	7	940	26	2.72	23	111	0.16	63	20	24	60
JM RC-17-05	246	248	163715 EXT		0.998	1.1	7.14	38	160	0.7	2	0.09	0.6	6	12	8080	3.84	1.79	0.29	29	30	0.33	6	970	23	3.42	27	138	0.14	71	20	19	60
JM RC-17-05	248	250	163716 EXT		0.834	0.9	7.17	49	250	0.8	2	0.09	0.6	5	9	4120	3.94	1.68	0.25	73	25	0.2	6	870	14	2.64	22	79	0.14	84	20	14	60
JM RC-17-05	250	252	163717 EXT		0.985	0.9	6.92	56	160	0.8	2	0.07	0.5	7	12	5020	4.06	2.12	0.25	33	23	0.19	7	990	37	3.74	20	138	0.16	84	20	13	60
JM RC-17-05	252	254	163718 EXT		0.818	0.5	8.64	42	210	0.8	2	0.13	0.5	11	54	2980	5.79	1.62	0.13	44	51	0.27	15	1100	53	2.67	29	236	0.29	111	20	9	20
JM RC-17-05	254	256	163719 EXT		0.334	1.3	5.48	1575	60	0.8	3	0.06	0.5	4	21	4540	3.58	1.17	0.06	22	30	0.31	9	370	43	4.48	89	138	0.18	44	20	13	20
JM RC-17-05	256	258	163720 EXT		0.642	0.9	7.77	92	180	0.8	2	0.09	0.5	5	40	1450	5.25	1.78	0.2	29	42	0.3	9	930	34	3.71	57	111	0.22	87	20	12	20
JM RC-17-05	258	260	163721 EXT		0.883	0.9	6.91	107	70	0.8	2	0.05	0.5	2	18	3510	5.14	2.07	0.07	148	24	0.37	9	360	38	6.78	23	64	0.14	66	20	13	20
JM RC-17-05	260	262	163722 EXT		0.428	0.8	5.73	129	100	0.5	4	0.1	0.5	3	9	1380	2.37	1.91	0.08	66	21	0.32	5	310	43	4.27	12	89	0.12	60	10	39	20
JM RC-17-05	262	264	163723 EXT		0.58	0.5	8.9	39	270	0.5	3	0.08	0.5	2	11	420	3.13	2.15	0.18	130	36	0.26	3	350	32	3.68	7	72	0.14	76	10	27	20
JM RC-17-05	264	266	163724 EXT		0.849	1	8.8	30	320	0.6	2	0.08	0.5	3	9	1330	2.86	2.29	0.21	58	24	0.22	6	320	36	2.81	5	61	0.16	70	20	28	20
JM RC-17-05	266	268	163725 EXT		0.822	0.9	5.57	31	270	0.5	2	0.08	0.5	2	15	1860	3.28	2.09	0.17	146	18	0.19	7	360	51	2.47	6	64	0.12	58	10	137	70
JM RC-17-05	268	270	163726 EXT		0.933	0.7	5.18	40	150	0.6	2	0.09	0.5	4	7	2710	3.27	1.15	0.21	51	14	0.14	4	360	34	3.28	5	68	0.12	56	10	43	60
JM RC-17-05	270	272	163727 EXT		0.957	1.8	5.91	276	130	0.6	2	0.06	0.5	9	16	3630	4.83	2.2	0.21	113	17	0.17	10	370	21	4.44	19	88	0.12	78	10	53	180
JM RC-17-05	272	274	163728 ORG		0.786	3.8	5.91	98	60	0.6	2	0.06	0.5	9	8	5280	4.36	1.18	0.28	88	24	0.18	5	370	36	4.41	12	146	0.12	56	10	78	380
JM RC-17-05	274	276	163730 EXT		0.37	1.7	6.47	21	160	0.6	2	0.04	0.5	11	6	5160	5.38	2.74	0.32	38	15	0.17	8	370	6	5.58	26	146	0.1	66	10	88	280
JM RC-17-05	276	278	163731 EXT		0.458	0.5	6.84	18	150	0.7	2	0.06	0.5	10	12	4020	5.91	2.51	0.39	160	21	0.17	5	310	20	4.98	6	110	0.13	66	10	61	30
JM RC-17-05	278	280	163732 EXT		0.705	0.5	6.54	18	80	1	2	0.14	0.5	12	12	8700	5.15	2.31	0.38	160	21	0.18	4	340	20	4.98	6	169	0.14	68	10	87	30
JM RC-17-05	280	282	163733 EXT		0.549	1.1	6.67	14	230	1.2	2	0.06	0.5	8	11	6070	4.69	2.08	0.36	185	20	0.16	11	420	23	3.88	9	191	0.12	58	10	64	30
JM RC-17-05	282	284	163734 EXT		0.569	0.7	6.4	11	230	1.1	2	0.06	0.5	7	13	6420	4.57	2.26	0.37	180	22	0.16	6	340	27	3.88	6	147	0.15	63	10	91	30
JM RC-17-05	284	286	163735 EXT		0.539	0.8	6.16	28	160	0.9	2	0.09	0.6	12	10	6050	4.43	1.98	0.34	78	19	0.16	8	340	24	4.6	5	146	0.14	63	10	72	30
JM RC-17-05	286	288	163736 EXT		0.431	1.5	6.83	113	70	1	2	0.07	0.1	18	18	5580	5.36	1.59	0.45	154	22	0.19	15	430	31	4.88	9	182	0.13	80	10	72	170
JM RC-17-05	288	290	163737 EXT		0.401	0.9	6.3	41	80	1	2	0.07	1	19	26	5580	5.36	1.9	0.49	41	24	0.15	29	540	42	3.36	7	286	0.19	89	10	38	200
JM RC-17-05	290	292	163738 EXT		0.471	1.5	8.13	85	160	1	2	0.11	0.5	12	36	6300	4.76	2.21	0.45	86	25	0.21	20	490	45	3.91	5	212	0.24	108	10	74	240
JM RC-17-05	292	294	163739 EXT		0.44	0.5	6.88	44	60	0.8	2	0.07	0.5	10	27	6980	7.57	2.62	0.58	46	16	0.17	25	470	26	7.8	5	232	0.19	123	20	64	180
JM RC-17-05	294	296	163740 EXT		0.463	0.5	6.8	115	100	1.3	2	0.07	1.1	27	30	5480	5.62	2.29	0.66	120	27	0.18	51	600	24	4.45	6	211	0.29	134	10	63	40
JM RC-17-05	296	298	163741 EXT		0.399	0.5	7.71	49	110	1.1	2	0.09	0.6	16	18	4660	5.43	1.74	0.58	81	22	0.18	14	450	30	4.71	5	226	0.18	93

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-17-05	326	328	103757	EXT	0.44	0.5	8.71	14	290	1.5	2	0.05	0.5	11	29	3080	3.35	1.68	1.09	83	19	0.13	43	460	7	1.88	5	154	0.23	124	10	106	10
JM RC-17-05	328	330	103758	EXT	0.477	0.7	8.65	11	350	1.5	2	0.07	0.5	15	25	3440	4.38	1.52	0.92	98	12	0.14	36	510	10	2.78	5	187	0.27	120	10	102	10
JM RC-17-05	330	332	103759	EXT	0.482	0.5	8.91	12	120	1.4	2	0.06	0.5	23	25	2880	5.06	1.74	1.04	65	17	0.13	41	560	10	4.4	5	152	0.2	150	10	111	10
JM RC-17-05	332	334	103760	EXT	0.445	0.5	8.13	24	120	1.2	2	0.11	0.5	21	24	2940	4.8	1.62	0.82	114	16	0.17	29	510	25	3.86	5	235	0.22	113	10	75	10
JM RC-17-05	334	336	103761	EXT	0.462	0.5	7.25	18	180	1.2	2	0.11	0.5	12	16	5470	5.78	1.78	0.48	76	29	0.16	23	460	26	3.08	5	243	0.19	91	20	65	10
JM RC-17-05	336	338	103762	EXT	0.663	0.7	7.21	17	130	1	2	0.12	0.5	25	25	3480	5.32	1.99	0.42	143	21	0.19	24	510	27	4.2	5	266	0.18	85	80	84	130
JM RC-17-05	338	340	103763	EXT	0.462	0.7	5.44	13	120	0.7	2	0.11	0.5	13	12	3050	4.72	2.08	0.27	58	22	0.16	10	460	22	4.5	5	241	0.13	97	10	64	10
JM RC-17-05	340	342	103764	EXT	0.542	4.1	4.96	11	50	0.5	2	0.05	0.5	11	7	2620	4.69	1.78	0.21	40	13	0.13	9	410	10	4.62	5	226	0.09	54	10	29	10
JM RC-17-05	342	344	103765	EXT	0.6	5.2	4.85	31	40	0.7	2	0.07	0.5	11	20	2620	5.67	1.26	0.21	110	10	0.13	10	470	16	5.15	5	291	0.08	55	10	44	10
JM RC-17-05	344	346	103766	EXT	0.521	1.5	8.07	180	60	0.9	2	0.07	0.5	12	25	3660	4.2	1.98	0.25	51	25	0.16	15	530	22	4.61	5	280	0.11	55	10	47	50
JM RC-17-05	346	348	103767	EXT	0.534	2.3	8.14	51	90	0.9	2	0.08	1.2	8	12	3610	5.4	2.08	0.35	106	16	0.13	12	530	19	4.73	5	278	0.09	65	10	51	50
JM RC-17-05	348	350	103768	EXT	0.747	1.3	8.87	10	100	1.4	2	0.05	0.5	9	9	3450	4.97	1.88	0.51	83	19	0.11	12	490	27	3.74	5	271	0.1	47	10	40	10
JM RC-17-05	350	352	103769	EXT	0.511	1.8	5.84	44	60	0.8	2	0.08	1.7	16	21	3060	5.9	1.68	0.4	110	21	0.11	18	350	18	4.64	5	154	0.13	84	10	62	50
JM RC-17-05	352	354	103770	EXT	0.744	1.2	5.63	9	120	1	2	0.05	0.5	10	11	4090	4.46	1.62	0.45	85	15	0.1	11	450	18	4.16	5	265	0.09	55	10	38	10
JM RC-17-05	354	356	103771	ORG	0.685	0.8	4.4	9	100	0.8	2	0.04	0.5	13	13	4150	5.76	2.06	0.46	121	35	0.12	13	300	23	4.62	5	157	0.11	88	10	47	10
JM RC-17-05	356	358	103773	EXT	0.585	0.8	6.65	36	120	1	2	0.05	1.5	17	29	3450	4.75	1.58	0.54	122	19	0.13	20	380	16	3.63	5	199	0.14	78	10	116	20
JM RC-17-05	358	360	103774	EXT	0.368	1.4	8.13	104	120	0.9	2	0.07	1.4	19	17	3610	4.75	1.54	0.43	58	12	0.14	13	460	24	4.5	5	268	0.13	84	10	73	40
JM RC-17-05	360	362	103775	EXT	0.418	0.5	5.86	126	100	0.8	2	0.08	1.6	8	14	4110	5.37	1.67	0.31	116	23	0.14	11	550	28	4.82	5	256	0.08	57	10	72	70
JM RC-17-05	362	364	103776	EXT	0.591	1.9	6.9	130	70	0.8	2	0.06	1.9	14	26	4400	4.88	1.57	0.38	55	20	0.19	14	380	41	4.81	5	182	0.13	74	20	128	60
JM RC-17-05	364	366	103777	EXT	0.593	0.7	5.6	82	100	0.8	2	0.05	1.5	13	19	3420	6.2	2.05	0.37	130	22	0.13	12	250	12	5.45	5	104	0.09	58	10	92	60
JM RC-17-05	366	368	103778	EXT	0.375	3.3	6.79	142	130	0.7	2	0.08	4.3	11	24	2950	4.3	1.66	0.3	71	26	0.16	21	290	19	3.68	5	153	0.11	54	30	102	40
JM RC-17-05	368	370	103779	EXT	0.448	2.5	7.44	166	80	1	2	0.16	2.4	306	66	3520	5.64	1.53	0.35	126	30	0.26	196	440	46	4.92	5	182	0.2	94	1220	256	80
JM RC-17-05	370	372	103780	EXT	0.38	0.6	6.75	24	470	1.5	2	0.09	0.5	192	32	3460	2.88	1.44	0.4	82	10	0.5	66	540	25	2.72	5	179	0.24	106	940	121	20
JM RC-17-05	372	374	103781	EXT	0.328	0.6	6.37	53	500	1.8	2	0.11	4.5	24	33	4910	4.18	1.56	1.05	288	30	0.24	53	860	51	1.8	5	337	0.2	134	40	252	30
JM RC-17-05	374	376	103782	EXT	0.354	1	6.72	32	500	1.9	2	0.1	5.6	56	29	3730	3.52	1.36	1.34	303	23	0.22	22	890	45	1.42	5	299	0.21	104	310	535	20
JM RC-17-05	376	378	103783	EXT	0.462	1.4	6.95	27	450	1.4	2	0.09	1.6	27	13	3100	3.58	1.18	1.01	231	16	0.16	19	440	28	1.9	5	190	0.18	73	120	263	20
JM RC-17-05	378	380	103784	EXT	0.371	0.8	5.88	27	320	1	2	0.07	0.5	10	12	3480	3.04	1.56	0.8	108	12	0.15	8	300	30	2.4	5	148	0.11	63	30	123	30
JM RC-17-05	380	382	103785	EXT	0.41	0.7	6.43	31	330	1.2	2	0.06	0.5	24	19	3370	3.88	1.52	0.88	217	19	0.15	20	340	26	2.33	5	196	0.15	76	60	201	40
JM RC-17-05	382	384	103786	EXT	0.345	0.8	6.85	34	210	1.3	2	0.08	1.2	25	20	3610	4.27	1.52	0.81	193	14	0.2	19	330	39	2.64	5	210	0.19	90	60	238	30
JM RC-17-05	384	386	103787	EXT	0.299	0.8	5.68	42	180	1.1	2	0.08	0.6	16	15	2740	4.04	1.4	0.62	165	16	0.14	14	310	30	2.85	5	159	0.15	63	10	121	40
JM RC-17-05	386	388	103788	EXT	0.206	1.1	6.51	27	210	1	2	0.12	0.5	27	14	2570	3.48	1.28	0.57	136	13	0.18	12	330	41	2.51	5	142	0.18	76	140	130	20
JM RC-17-05	388	390	103789	EXT	0.436	1.1	7.82	54	180	1.3	2	0.12	1.2	28	22	3600	4.18	1.48	0.71	187	14	0.21	25	440	47	2.71	5	152	0.21	90	20	222	30
JM RC-17-05	390	392	103790	EXT	0.391	0.6	5.35	16	230	1.1	2	0.06	0.6	7	7	3740	3.56	1.95	0.59	118	6	0.13	8	530	18	2.92	5	337	0.08	54	10	75	20
JM RC-17-05	392	394	103791	EXT	0.314	0.5	6.47	36	230	1.1	2	0.09	0.6	12	17	3770	3.44	1.4	0.48	134	19	0.2	13	410	49	2.28	5	214	0.17	73	10	129	40
JM RC-17-05	394	396	103792	EXT	0.167	0.7	6.17	19	190	0.9	2	0.08	0.5	6	15	2770	3.62	1.22	0.53	195	14	0.17	6	290	55	2.54	5	109	0.14	66	10	64	10
JM RC-17-05	396	398	103793	EXT	0.29	0.9	7.07	27	190	1	2	0.08	0.8	13	17	4140	3.57	1.52	0.49	108	25	0.18	19	480	47	2.75	5	234	0.14	73	10	126	30
JM RC-17-05	398	400	103794	EXT	0.58	1	5.88	14	150	1.2	2	0.07	0.5	12	16	4330	4.34	1.49	0.86	192	13	0.11	15	470	17	2.83	5	313	0.11	60	10	110	20
JM RC-17-05	400	402	103795	EXT	0.487	0.8	6.16	17	300	1.8	2	0.07	0.5	8	13	2980	3.23	1.08	0.76	164	16	0.13	12	520	16	1.78	5	83	0.13	66	10	174	10
JM RC-17-05	402	404	103796	EXT	0.429	1	6.12	24	270	1.4	2	0.07	0.5	14	18	3060	3.79	1.39	0.89	156	15	0.18	17	410	22	2.51	5	90	0.13	65	10	183	20
JM RC-17-05	404	406	103797	EXT	0.46	1.5	7.2	16	340	1.9	2	0.09	0.5	12	20	3370	4.58	1.24	0.85	253	14	0.32	21	650	23	2.27	5	99	0.17	79	10	324	70
JM RC-17-05	406	408	103798	ORG	0.554	0.5	8.08	18	310	1.9	2	0.1	0.5	15	35	2710	4.04	1.42	1.09	425	9	0.32	30	950	15	1.72	5	46	0.27	115	10	364	10
JM RC-17-05	408	410	103800	EXT	0.343	1.2	8.31	10	240	1.3	2	0.09	0.5	9	10	3120	3.31	1.87	0.67	134	27	0.13	8	280	24	2.46	5	80	0.12	58	10	109	10
JM RC-17-05	410	412	103801	EXT	0.407	0.5	6.07	27	130	1	2	0.07	0.8	16	22	2820	4.53	1.52	0.45	126	18	0.15	19	360	42	3.1	5	113	0.15	88	20	163	30
JM RC-17-05	412	414	103802	EXT	0.403	1.3	6.42	10	130	1.2	2	0.07	0.5	21	15	3240	4.09	1.56	0.66	100	20	0.14	17	300	25	2.82	5	88	0.14	68	10	90	10
JM RC-17-05	414	416	103803	EXT	0.46	1.6	8.32	18	950	1.6	2	0.14	0.6	32	42	4170	2.65	1.78	0.56	104	23	0.24	29	420	72	1.38	5	100	0.25	85	10	130	10
JM RC-17-05	416	418	103804	EXT	0.281	0.5	8.91	12	210	1.6	2	0.09	0.5	21	62	3570	3.2	1.64	0.37	72	15	0.27	32	750	10	2.86	5	53	0.19	91	10	82	10
JM RC-17-05	418	420	103805	EXT	0.307	0.6	8.51	12	300	1.6	2	0.08	0.5	17	63	3330	2.8	1.66	0.35	58	10	0.26	31	740	7	2.6	5	50	0.15	82	10	80	10
JM RC-16-05	0	2	103806	EXT	0.029	0.5	6.87	7	410	1	2	3.87	0.5	17	13	173	3.74	1.3	1.01	750	2	1.66	7	660	3	0.26	5	408	0.58	154	10	66	30
JM RC-16-05	2	4	103807	EXT	0.013	0.5	7.23	8	420	1	2	3.9	0.5	18	11	112	3.99	1.43	1.28	838	2	1.9	12	660	4	0.11	5	438	0.41	138	10	72	30
JM RC-16-05	4	6	103808	EXT	0.005	0.5	7.15	7	420	1	3	3.63	0.5	18	16	45	3.66	1.48	1.32	838	2	2.11	11	660	2	0.02	5	425	0.43	145	10	64	20
JM RC-16-05	6	8	103809	EXT	0.005	0.5	8.26	8	500	1	3	4.13	0.6	12	14	47	3.81	1.67	1.49	713	4	2.46	6	760	7	0.01	5	438	0.42	154	10	72	40
JM RC-16-05	8	10	103810	EXT	0.005	0.5	8.83	8	490	1	2	4.52	0.8	14	11	56	3.81	1.56	1.67	796	1	2.49	9	830	6	0.01	5	465	0.44	158	10	72	30
JM RC-16-05	10	12	103811	EXT	0.005	0.5	8.42	7	450	1	3	4.4	0.8	14	10	45	3.85	1.5	1.61	751	1	2.35	8	790	6	0.01	5	481	0.43	149	10	68	20
JM RC-16-05	12	14	103812	ORG	0.005	0.5	8.43	7	470	1	2	4.37	0.9	13	10	60	3.56	1.58	1.51	739	1	2.36	7	770	6	0.01	5	458	0.41	146	10	70	30
JM RC-16-05	14	16	103814	EXT	0.005	0.5	7.5	7	460	1	2	4.13	0.7	13	10	57	3.48	1.53	1.45	733	1	2.33	7	750	6	0.01	5	432	0.41	142	10	65	20
JM RC-16-05	16	18	103815	EXT	0.005	0.5	7.95	6	430	1	2	4.18	0.8	14	10	51	3.55	1.42	1.54	743	1	2.43	7	770	6	0.01	5	451	0.43	147	10	67	10
JM RC-16-05	18	20	103816	EXT	0.005	0.5	8.18	5	430	0.8	3	4.25	0.8	13	10	42	3.45	1.49	1.51	740	1	2.4	7	780	4	0.01	5	437	0.41	150	10	68	10
JM RC-16-05	20	22	103817	EXT	0.005	0.5	7.99	5	420	1	2	4.1	0.7	14	9	40	3.47	1.46	1.48	780	1	2.31	8	740	6	0.01	5	428	0.4	147	10	67	10
JM RC-16-05	22	24	103818	EXT	0.005	0.5	7.84	5	440	1	2	4.03	0.9	15	13	42	3.55	1.5	1.52	755	1	2.33	7	780	5	0.01	5	436	0.41	136	10	66	10
JM RC-16-05	24	26	103819	EXT	0.005	0.5	8.32	5	440	1	2	4.08	1	14	10	51	3.61	1.5	1.68	717	1	2.4	8	780	5	0.01	5	451	0.41	138	10	66	10
JM RC-16-05	26	28	103820	EXT	0.005	0.5	8.17	5	430	1	2	4.25	0.8	13	10	65	3.61	1.44	1.64	734	1	2.39	7	760	6	0.01	5	451	0.43	144	10	67	10
JM RC-16-05	28	30	103821	EXT	0.007	0.5	8.03	5	440	1	2	4.29	0.9	13	9	34	3.53	1.54	1.4	664	1	2.18	7	760	6	0.01	5	436	0.39	125	10	65	10
JM RC-16-05	30	32	103822	EXT	0.007	0.5	7.94	5	450	0.8	3	4.47	1	13	8	41	3.53	1.56	1.04	754	1	2.28	8	780	7	0.01	5	457	0.4	125	10	67	10
JM RC-16-05	32	34	103823	EXT	0.005	0.5	7.86	5	440	0.9	2	4.33	0.9	12	8	42	3.35	1.51	1.03	612	1	2.17	5	780	5	0.01	5	435	0.41	138	10	62	20
JM RC-16-05	34	36	103824	EXT	0.005	0.5	7.9	5	440	0.8	3	4.18	0.9	13	8	78	3.38	1.51	1.04	866	1	2.14	5	740	7	0.01	5	425	0.4	138	10	63	20
JM RC-16-05	36	38	103825	EXT	0.005	0.5	7.78	6	430	0.9	3	4.79	0.8	12	8	54	3.43	1.45	1.08	899	1	2.21	7	750	7	0.01	5	443	0.36	117	10	64	10
JM RC-16-05	38	40	103826	EXT	0.005	0.5	7.87	5	420	0.9	4	4.2	0.9	13	9	34	3.34	1.47	1.28	838	1	2.27	6	730	7	0.01	5	428	0.39	116	10	63	10
JM RC-16-05	40	42	103827	EXT	0.005	0.5	7.75	6	430	0.9	2	3.99	0.8	13	8	30	3.37	1.46	1.56	677	1	2.27	7	750	8	0.01	5	424	0.36	122	10	61	10
JM RC-16-05	42	44	103828	EXT	0.006	0.5	8.21	7	470	1	2	4.02	0.8	14	9	50	3.55	1.63	1.65	781	1	2.29	7	780	7	0.01	5	451	0.39	125	10	67	10
JM RC-16-05	44	46	103829	EXT	0.005	0.5	8.24	6	470	1	4	3.91	0.8	14	9	53	3.57	1.58	1.43	741	1	2.43	6	770	7	0.01	5	458	0.4	130	10	67	10
JM RC-16-05	46	48	103830	EXT	0.005	0.5	7.94	5	460	1	4	4.18	0.7	13	9	32	3.44	1.57	1.49	815	2	2.26	6	740	5	0.01	5	444	0.4	134	10	62	10
JM RC-16-05	48	50	103831	EXT	0.005	0.5	7.71	5	460	0.8	2	4.11	0.8	14	9	40	3.53	1.56	1.36	886	1	2.36	6	750	7	0.01	5	460	0.4	136	10	66	10
JM RC-16-05	50	52	103832	EXT	0.005	0.5	7.71	8	470	1	2	4.13	0.9	14	9	90	3.44	1.56	1.4	781	1	2.37	7	760	64	0.01	5	461	0.41	146	10	66	10
JM RC-16-05	52	54	103833	EXT	0.005	0.5	8.16	8	440	1	3	3.82	0.9	14	9	48	3.5	1.52	1.51	923	1	2.64	6	800	8	0.01	5	453	0.41	145	10	67	10
JM RC-16-05	54	56	103834	EXT	0.005	0.5	8.14	5	460	1	4	3.96	0.8	13	10	52	3.58	1.56	1.53	825	1	2.61	9	770	8	0.01	5	463	0.4	140	10	70	10
JM RC-16-05	56	58	103835	EXT	0.005	0.5	7.75	16	430	0.8	2	4.08	1	13	11	56	3.53	1.47	1.5	865	2	1.73	7	780	14	0.01	5	344	0.39	145	10	83	30
JM RC-16-05	58	60	103836	EXT	0.005	0.5	7.67	8	430	0.9	3	4.65	0.8	14	14	44	3.47	1.33	1.58	675	2	2.13	10	770	7	0.01	5	432	0.42	150	10	66	10
JM RC-16-05	60	62	103837	EXT	0.005	0.5	7.88	8	430	0.8	3	4.66	0.8	13	10	58	3.61	1.33	1.58	634	1	2.24	9	820	7	0.01	5	461	0.44	156	10	72	10
JM RC-16-05	62	64	103838	EXT	0.019	0.5	7.57	5	440	0.8	3	4.47	0.8	14	10	35	3.6	1.46	1.47	660	3	2.15	8	760	7	0.01	5	442	0.41	147	10	65	10
JM RC-16-05	64	66	103839	EXT	0.009	0.5	8	5	470	0.9	3	4.33	0.9	14	10	49	3.67	1.51	1.47	1025	1	2.25	7	790	10	0.01	5	467	0.42	148	10	67	10
JM RC-16-05	66	68	103840	EXT	0.005	0.5	7.72	6	470	0.9	2	3.83	0.9	13	9	55	3.55	1.5	1.38	963	1	2.43	8	780	9	0.01	5	513	0.41	148	10	72	20
JM RC-16-05	68	70	103841	EXT	0.005	0.5	7.57	16	440	1	2	3.77	1	14	9	86	3.48	1.42	1.44	951	1	2.02	7	760	16	0.01	5	436	0.39	138	10	104	20
JM RC-16-05	70	72	103842	EXT	0.005	0.5	7.43	10	480	0.8	4	4.22	1	14	9	67	3.56	1.24	1.5	883	1	2.11	8	790	12	0.01	5	467	0.4	143	10	84	10
JM RC-16-05	72	74	103843	EXT	0.005	0.5	7.88	4	490	0.8	3	4.99	1	13	10	57	3.73	1.06	1.61	913	1	2.05	8	810	9	0.01	5	474	0.43	152	10	79	10
JM RC-16-05	74	76	103844	ORG	0.008	0.5	8.07	4	480	0.8	4	4.91	1.1	15	9	32	3.95	0.78	1.57	991	1	1.92	7	830	10	0.57	5	488	0.41	150	10	86	10
JM RC-16-05	76	78	103846	EXT	0.005	0.5	7.6	16	390	0.7	2	1.86	0.8	14	7	25	3.5	1.02	1.4	866	1	2.35	5	630	20	0.01	5	377	0.42	146	10	119	20
JM RC-16-05	78	80	103847	EXT	0.005	0.5	8.37	19	480	0.8	3	2.6	1.2	16	8	52	3.89	1.1	1.89	1225	1	2.13	8	670	17	0.01	5	436	0.46	163	10	100	20
JM RC-16-05	80	82	103848	EXT	0.005	0.5	7.98	14	310	0.8	2	3.84	1.3	15	100	47	3.57	0.58	1.7	1140	2	1.86	52	640	25	0.01	5	518	0.42	152	10	88	20
JM RC-16-05	82	84	103849	EXT	0.006	0.5	7.7	9	510	1	2	2.25	1.2	10	11	67	3.59	1.78	1.19	1375	1	0.97	4	810	63	0.01	5	148	0.37	110	10	164	10
JM RC-16-05	84	86	103850	EXT	0.005	0.8	7.81	25	600	1	2	2.75	1.6	8	9	51	2.96	1.57	0.92	1310	1	1.66	4	660	30	0.21	5	332	0.33	86	10	110	30
JM RC-16-05	86	88	103851	EXT	0.005	0.5	8.05	16	550	0.9	2	3.17	1.6	12	7	18	3.34	1	1.2	1340	2	2.25	6	630	20	0.53	5	618	0.37	118	10	91	20
JM RC-16-05	88	90	103852	EXT	0.007	0.5	8.12	12	580	0.9	2	2.05	1.1	8	10	46	3.16	1.72	1	640	3	1.27	4	910	66	0.01	5	353	0.35	110	10	124	10
JM RC-16-05	90	92	103853	EXT	0.008	0.5	8.2	14	530	1	2	3.87	0.8	15	8	45	3.83	1	1.25	764	1	2.08	6	640	18	0.01	5	440	0.41	132	10	106	10
JM RC-16-05	92	94

BCH	From	To	SAM	CAT	Ag_ppm	As_ppm	Al_%	Au_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-16-05	120	122	103699	CRG	0.006	0.5	7.91	15	500	1.2	2	2.79	0.6	13	6	15	3.96	0.61	1.22	700	1	2.24	6	770	21	0.01	5	572	0.36	125	10	148	10
JM RC-16-05	122	124	103670	EXT	0.006	0.5	7.37	17	470	1.2	2	2.93	0.6	13	7	11	3.41	0.93	1.34	665	1	2.39	8	740	16	0.01	5	583	0.36	116	10	113	10
JM RC-16-05	124	126	103671	EXT	0.006	0.5	8.5	13	660	1.1	2	2.84	0.6	11	7	8	2.99	0.81	1.2	533	1	2.18	6	620	7	0.01	5	469	0.32	109	10	82	10
JM RC-16-05	126	128	103672	EXT	0.006	0.5	7.77	23	410	1.3	2	2.85	0.6	13	7	166	3.5	0.69	1.3	676	1	2.54	6	680	10	0.01	5	558	0.36	121	10	95	10
JM RC-16-05	128	130	103673	EXT	0.006	0.5	6.98	18	360	1.1	3	2.6	0.6	12	6	110	3.07	0.79	1.22	586	1	2.7	8	580	7	0.01	5	514	0.34	111	10	64	10
JM RC-16-05	130	132	103674	EXT	0.006	0.5	6.98	18	430	1.2	2	2.71	1	12	7	122	3.11	0.75	1.3	663	3	2.48	8	600	6	0.01	5	536	0.35	112	10	81	10
JM RC-16-05	132	134	103675	EXT	0.006	0.5	6.95	15	470	1.1	2	2.8	0.6	12	6	29	2.97	0.77	1.23	630	1	2.29	7	570	6	0.01	5	444	0.32	109	10	74	10
JM RC-16-05	134	136	103676	EXT	0.006	0.5	6.62	12	560	1.1	2	2.72	0.6	10	6	31	2.85	0.76	1.2	677	1	1.92	8	570	6	0.01	5	347	0.31	88	10	79	10
JM RC-16-05	136	138	103677	EXT	0.006	0.5	7.22	7	640	1	2	1.76	0.6	10	6	366	3.02	0.66	0.87	786	4	1.38	10	790	64	0.01	5	225	0.37	126	10	119	10
JM RC-16-05	138	140	103678	EXT	0.115	0.5	7.63	7	560	1.1	2	8.7	0.6	8	16	366	4.42	1.14	0.71	305	45	0.18	10	1110	12	0.37	5	66	0.31	113	10	136	10
JM RC-16-05	140	142	103679	EXT	0.169	0.5	6.44	5	430	1	2	0.28	0.7	8	25	346	4.27	0.99	0.7	191	47	0.13	9	570	11	0.14	5	95	0.22	89	10	168	10
JM RC-16-05	142	144	103680	EXT	0.22	0.5	6.5	6	460	1.1	2	0.19	0.6	8	22	478	4.43	1.02	0.76	204	39	0.12	12	610	14	0.18	5	82	0.23	88	10	364	10
JM RC-16-05	144	146	103681	EAT	0.307	0.5	6.03	11	730	1.4	2	1.84	0.8	14	15	406	4.27	0.94	1.16	611	9	1.22	15	640	32	0.45	5	216	0.35	125	10	212	10
JM RC-16-05	146	148	103682	EXT	0.088	0.5	6.14	7	480	1.3	2	3.65	0.6	13	6	85	3.07	0.68	1.62	415	3	1.53	17	630	17	1.56	5	278	0.33	113	10	97	10
JM RC-16-05	148	150	103683	EXT	0.006	0.5	7.47	9	590	1.4	2	1.79	1.2	20	6	139	5	0.94	1.29	1346	4	1.57	16	750	16	0.69	5	247	0.33	121	10	198	10
JM RC-16-05	150	152	103684	EXT	0.006	0.5	7.84	16	710	1.4	2	0.7	1	20	8	178	4.34	1.16	1.22	1020	20	1.08	26	2140	14	0.04	5	297	0.36	130	10	252	10
JM RC-16-05	152	154	103685	EXT	0.135	0.5	7.61	22	420	1.2	4	4.56	1.1	5	23	316	4.11	2.15	0.34	112	69	0.33	11	1480	19	0.17	5	76	0.25	134	10	79	10
JM RC-16-05	154	156	103686	EXT	0.134	0.5	7	16	360	1.1	2	8.52	1	5	29	541	4.37	1.98	0.37	126	74	0.19	9	1080	9	0.25	5	74	0.2	101	10	115	10
JM RC-16-05	156	158	103687	EXT	0.134	0.5	9.43	14	370	1	5	6.37	0.8	4	21	330	3.43	1.73	0.82	91	56	0.15	4	880	17	0.26	5	112	0.17	80	10	60	10
JM RC-16-05	158	160	103688	ORG	0.212	0.5	8.28	13	400	1.2	2	6.31	0.9	4	22	366	4	1.7	0.4	144	75	0.18	6	660	19	0.16	5	85	0.17	90	10	346	10
JM RC-16-05	160	162	103689	EXT	0.263	0.5	7.47	9	530	1.4	3	8.29	0.8	7	32	439	5.46	2.39	0.79	291	66	0.11	12	910	7	0.09	5	41	0.26	121	10	273	10
JM RC-16-05	162	164	103691	EXT	0.37	0.6	8.76	8	650	1.8	2	0.5	0.8	9	38	447	5.17	2.34	0.95	169	89	0.1	13	980	7	0.12	5	46	0.2	169	10	364	10
JM RC-16-05	164	166	103692	EXT	0.383	0.7	7.23	5	770	1.8	2	8.22	0.9	9	36	566	5.98	2.82	1.2	284	41	0.08	19	630	7	0.34	5	65	0.26	112	10	442	10
JM RC-16-05	166	168	103693	EXT	0.312	1.4	6.81	6	630	1.8	2	0.18	0.9	8	32	626	4.98	2.34	0.75	209	86	0.09	15	720	9	0.1	5	100	0.23	111	10	267	10
JM RC-16-05	168	170	103694	EXT	0.457	0.5	7.98	6	670	2.2	2	0.18	1.1	10	30	1530	5.32	2.47	0.88	233	43	0.1	16	750	6	0.19	5	179	0.26	136	10	353	10
JM RC-16-05	170	172	103695	EXT	0.344	0.5	8.76	13	560	1.6	2	0.15	1	15	36	2240	6.12	1.92	1.16	242	63	0.06	27	620	5	0.33	6	101	0.28	120	10	457	10
JM RC-16-05	172	174	103696	EXT	0.182	0.5	9	5	530	1.9	2	0.28	0.8	10	33	1205	5.36	2.23	1.07	253	58	0.11	15	1150	13	0.27	5	208	0.29	128	10	343	10
JM RC-16-05	174	176	103697	EXT	0.257	0.5	7.85	13	560	2	2	0.21	1.1	9	33	964	5.54	2.33	1.06	238	53	0.1	17	770	9	0.2	5	167	0.28	133	10	340	10
JM RC-16-05	176	178	103698	EXT	0.217	0.5	7.24	10	430	1.7	3	0.2	0.9	11	30	3670	4.83	1.9	1.31	270	44	0.1	25	1060	15	0.37	5	413	0.25	122	10	328	10
JM RC-16-05	178	180	103699	EXT	0.254	0.5	7.46	8	500	1.6	2	0.17	1.1	13	30	3020	4.84	2.09	1.31	277	72	0.11	22	790	10	0.56	5	118	0.25	117	10	312	10
JM RC-16-05	180	182	103700	EXT	0.276	0.7	7.62	7	640	1.8	2	0.23	1	16	25	2800	5.34	2.29	1.14	276	91	0.12	21	840	13	1.62	5	111	0.19	117	10	290	10
JM RC-16-05	182	184	103701	EXT	0.346	0.5	7.37	9	610	1.4	2	0.17	1	17	29	5370	5.05	2.38	1.04	244	60	0.12	24	730	10	2.02	5	118	0.2	110	10	217	10
JM RC-16-05	184	186	103702	EXT	0.27	0.5	9.35	11	610	2.1	2	0.22	1.2	17	41	6013	5.89	2.29	1.82	366	100	0.17	25	900	9	1.16	5	88	0.27	154	10	393	10
JM RC-16-05	186	188	103703	EXT	0.307	1	6.87	14	670	2.1	2	0.25	1.6	13	36	4630	5.73	2.42	1.57	378	124	0.18	23	980	13	0.6	5	88	0.28	144	10	616	10
JM RC-16-05	188	190	103704	EXT	0.316	0.5	7.94	14	620	2	2	0.19	1.1	16	33	2640	5.7	2.08	1.44	363	45	0.13	21	740	7	0.47	5	80	0.29	132	10	373	10
JM RC-16-05	190	192	103705	EXT	0.254	0.5	8.34	11	720	2.2	2	0.19	1	13	34	3408	5.89	2.48	1.58	371	98	0.15	22	790	6	0.34	5	92	0.27	140	10	391	10
JM RC-16-05	192	194	103706	EXT	0.162	0.5	7.87	6	688	1.8	2	0.16	1	16	32	1875	5.47	1.98	1.48	400	48	0.26	25	740	7	0.71	5	52	0.23	132	10	401	10
JM RC-16-05	194	196	103707	EXT	0.203	0.5	8.55	15	660	2.1	2	0.18	1	14	36	2660	5.82	2.13	1.67	548	51	0.25	29	760	9	0.69	5	53	0.25	148	10	424	10
JM RC-16-05	196	198	103708	EXT	0.158	0.5	7.39	14	540	2	2	0.21	1	17	31	2910	5.05	1.9	1.7	373	57	0.25	23	680	5	0.8	5	45	0.2	134	10	383	10
JM RC-16-05	198	200	103709	EXT	0.222	0.5	7.72	11	700	1.8	2	0.2	1	17	29	3790	4.7	2.41	1.42	391	156	0.19	23	680	7	1.62	5	46	0.18	122	10	294	10
JM RC-16-05	200	202	103710	EXT	0.242	0.7	7.29	6	670	1.7	2	0.25	0.7	13	33	4480	4.11	2.52	1.84	217	139	0.12	19	680	9	1.4	5	64	0.14	108	10	146	10
JM RC-16-05	202	204	103711	ORG	0.169	0.5	6.35	17	600	2	2	0.21	1	10	30	3010	5.1	2.16	1.61	315	65	0.16	27	630	6	1.47	5	64	0.21	138	10	299	10
JM RC-16-05	204	206	103712	EXT	0.267	0.5	7.99	17	660	2.1	2	0.13	1.3	20	36	5130	5.88	2.12	1.82	282	125	0.83	28	820	5	1.66	5	58	0.2	125	10	345	10
JM RC-16-05	206	208	103714	EXT	0.197	0.5	7.39	10	610	1.9	2	0.12	1.3	14	34	3300	4.54	1.98	1.48	258	90	0.29	24	650	7	1.14	5	52	0.2	119	10	324	10
JM RC-16-05	208	210	103715	EXT	0.233	0.5	6.38	7	620	1.8	2	0.2	1.1	15	31	4910	5.16	2.41	1.71	348	69	0.41	29	830	7	1.84	5	65	0.23	130	10	347	10
JM RC-16-05	210	212	103716	EXT	0.23	0.5	7.66	8	650	2.1	2	0.23	1	16	36	3910	4.86	2.36	1.42	342	49	0.46	34	680	3	0.85	5	42	0.23	132	10	252	10
JM RC-16-05	212	214	103717	EXT	0.266	0.5	7.38	8	650	1.9	2	0.11	1.2	20	32	3910	5.25	2.43	1.27	373	77	0.23	23	640	3	1.01	5	58	0.21	124	10	198	10
JM RC-16-05	214	216	103718	EXT	0.214	0.5	7.26	14	610	1.6	2	0.21	1.1	17	30	2640	4.7	2.23	1.53	354	66	0.45	25	660	5	0.85	5	55	0.2	130	10	222	10
JM RC-16-05	216	218	103719	EXT	0.208	0.5	7.91	11	640	1.7	2	0.18	1.6	18	32	4000	4.65	1.5	1.87	887	45	0.62	28	670	7	1.11	5	55	0.2	133	10	334	10
JM RC-16-05	218	220	103720	EXT	0.178	0.5	7.5	11	440	1.7	3	0.15	0.8	29	32	3160	4.8	1.29	1.66	363	49	0.46	28	550	3	1.16	5	54	0.16	132	10	324	10
JM RC-16-05	220	222	103721	EXT	0.284	0.5	8.18	13	360	1.8	3	0.12	1.3	24	31	9400	4.83	1.74	1.99	389	126	0.17	25	440	15	2.28	5	35	0.16	134	10	341	10
JM RC-16-05	222	224	103722	EXT	0.19	0.5	7.63	21	450	1.6	6	0.2	1.5	18	32	2140	4.51	1.67	1.84	378	63	0.7	27	880	11	1.24	5	61	0.21	132	10	313	10
JM RC-16-05	224	226	103723	EXT	0.273	0.5	8.21	5	650	1.6	2	0.14	1.2	27	36	3560	5.39	1.98	1.62	365	85	0.56	27	660	3	1.37	5	52	0.24	144	10	241	10
JM RC-16-05	226	228	103724	EXT	0.261	0.5	7.56	29	630	1.7	3	0.14	1.4	30	33	3630	4.34	1.43	1.52	303	139	0.21	23	670	10	1.96	5	33	0.17	131	10	210	10
JM RC-16-05	228	230	103725	EXT	0.143	0.5	8.14	10	390	1.8	3	0.17	1.2	32	30	3560	5.26	1.84	1.55	286	95	0.4	27	800	4	2.96	5	40	0.16	130	10	264	10
JM RC-16-05	230	232	103826	EXT	0.154	0.5	8.48	22	340	1.6	3	0.26	1.2	23	34	2870	5.56	1.67	1.78	373	76	1.13	30	880	5	2.13	5	41	0.24	146	10	314	10
JM RC-16-05	232	234	103827	EXT	0.208	0.5	7.67	11	370	2.2	2	0.32	1	24	41	4600	5.44	1.83	2.19	446	69	0.36	37	1420	4	2.7	5	55	0.24	167	10	288	10
JM RC-16-05	234	236	103828	EXT	0.391	0.5	8.18	13	380	2.1	3	0.17	1.3	30	37	5040	4.96	1.61	1.8	376	122	0.48	25	880	6	1.21	5	36	0.22	118	10	274	10
JM RC-16-05	236	238	103829	EXT	0.108	0.5	7.21	9	300	1.7	4	0.18	0.9	18	36	2020	4.65	1.52	1.84	470	64	0.91	26	730	11	0.68	5	35	0.22	132	10	306	10
JM RC-16-05	238	240	103830	EXT	0.249	0.5	7.24	9	710	1.8	2	0.17	1	18	31	2640	4.68	1.23	1.47	309	118	1	21	660	4	0.66	5	36	0.2	116	10	261	10
JM RC-16-05	240	242	103831	EXT	0.223	0.5	7.53	7	660	1.6	2	0.16	1	20	32	2630	4.82	1.73	1.54	385	49	1.19	30	660	6	0.73	5	36	0.2	129	10	284	10
JM RC-16-05	242	244	103832	EXT	0.147	0.5	7.8	5	740	1.8	2	0.12	1.1	16	32	2660	5.31	1.98	1.57	368	58	1.41	16	660	5	0.57	5	38	0.19	130	10	294	10
JM RC-16-05	244	246	103833	EXT	0.154	0.5	7.91	12	460	1.8	3	0.1	1.2	14	31	2440	3.05	1.39	1.19	271	98	1.25	16	570	6	0.97	5	38	0.14	83	10	238	10
JM RC-16-05	246	248	103834	EXT	0.179	0.5	7.78	15	660	1.6	2	0.11	1.2	19	29	2540	4.3	1.58	1.54	363	68	0.51	30	440	6	1.01	5	32	0.16	108	10	229	10
JM RC-16-05	248	250	103835	EXT	0.22	0.5	8.04	11	660	1.8	2	0.11	1.3	14	28	2260	5.3	1.57	1.64	381	65	1.35	18	470	5	0.79	5	44	0.17	88	10	214	10
JM RC-16-05	250	252	103836	EXT	0.172	0.5	7.4	10	660	1.5	2	0.1	1	20	30	2240	5.4	1.53	1.66	347	60	0.79	25	540	5	1.54	5	36	0.2	79	10	193	10
JM RC-16-05	252	254	103837	EXT	0.132	0.5	7.94	11	710	1.7	3	0.1	1.1	15	19	1890	3.33	1.99	1.19	277	51	0.85	17	420	2	1.39	5	36	0.14	71	10	230	10
JM RC-16-05	254	256	103838	ORG	0.144	0.5	7.28	9	660	1.4	2	0.1	1.1	14	18	1686	3.06	1.72	0.91	209	54	0.42	11	410	2	1.62	5	36	0.11	72	10	190	10
JM RC-16-05	256	258	103840	EXT	0.2	0.5	7.83	4	660	1.7	2	0.19	1	22	29	2140	4.58	1.91	1.66	466	37	0.66	23	740	8	0.68	5	38	0.21	122	10	196	10
JM RC-16-05	258	260	103841	EXT	0.223	0.5	8.79	6	660	1.8	2	0.19	1.2	29	32	2910	3.67	1.49	0.94	272	126	0.23	19	620	3	2.36	5	41	0.18	114	10	161	10
JM RC-16-05	260	262	103842	EXT	0.366	0.9	8.5	7	660	1.8	3	0.18	1.4	16	34	3450	3.78	1.12	1.3	300	104	0.74	23	630	4	1.23	5	29	0.14	114	10	178	10
JM RC-16-05	262	264	103843	EXT	0.533	0.8	7.04	11	370	1.2	2	0.19	1	14	38	2630	3.68	1.47	1.8	312	98	1.59	24	790	14	0.88	5	43	0.2	116	10	121	10
JM RC-16-05	264	266	103844	EXT	0.307	0.5	7.06	13	600	1.3	2	0.2	1.1	14	30	2740	3.95	1.29	1.68	488	72	1.29	23	780	7	0.79	5	36	0.16	116	10	162	10
JM RC-16-05	266	268	103845	EXT	0.335	0.5	7.57	9	640	1.5	2	0.24	1	14	32	3260	4.11	1.41	1.79	364	60	1.43	26	820	7	0.77	5	37	0.21	129	10	156	10
JM RC-16-05	268	270	103846	EXT	0.16	0.5	6.08	15	430	1.4	2	0.24	1.2	17	37	1810	4.65	1.41	2.22	421	32	1.87	29	960	4	0.42	5	48	0.24	144	10	185	10
JM RC-16-05	270	272	103847	EXT	0.173	0.5	7.67	15	540	1.3	4	0.29	0.9	16	36	1460	4.31	1.3	2.19	477	25	1.94	25	810	4	0.91	5	55	0.23	134	10	173	10
JM RC-16-05	272	274	103848	EXT	0.249	0.5	7.62	11	290	1.6	3	0.23	1.1	16	43	1830	4.3	1.44	2.13	344	44	0.74	32	880	3	0.66	5	37	0.23	134	10	160	10
JM RC-16-05	274	276	103849	EXT	0.164	0.5	7.75	12	390	2.2	3	0.24	0.9	22	131	1755	5.32	1.52	2.75	427	51	0.2	58	1080	8	0.73	5	39	0.33	142	10	375	10
JM RC-16-05	276	278	103850	EXT	0.142	0.5	7.97	16	360	2.3	3	0.25	2.9	24	160	1790	5.36	1.8	2.91	530	156	0.21	68	1160	30	0.87	5	21	0.34	203	10	479	10
JM RC-16-05	278	280	103851	EXT	0.386	0.5	8.54	17	330	1.8	3	0.24	1.1	22	106	2330	4.86	1.54	2.72	377	64	0.15	53	1030	3	1.18	5	19	0.36	178	10	337	10
JM RC-16-05	280	282	103852	ORG	0.228	0.8	7.27	12	570	1.5	2	0.17	1	15	36	2340	4.64	1.53	2	334	76	0.77	28	670	16	1.07	5	33	0.16	125	10	188	10
JM RC-16-05	282	284	103854	EXT	0.29	1	7.05	9	390	1.5	2	0.21	0.9	17	33	2540	4.12	1.39	1.62	343	76	0.55	25	630	11	1.03	5	16	0.19	124	10	228	10
JM RC-16-05	284	286	103855	EXT	0.344	1.2	7.09	15	370	1.5	2	0.21	1	18	34	2660	4.69	1.64	1.67	301	76	0.13	36	840	36	1.56	5	16	0.19	121	10	206	10
JM RC-16-05	286	288	103856	EXT	0.263	0.5	6.73	7	370	1.6	2	0.18	1.2	17	38	2260	4.24	1.66	1.94	247	61	0.16	34	780	54	2.73	5	25	0.14	112	10	183	10
JM RC-16-05	288	290	103857	EXT	0.256	0.5	6.8	13	160	1.5	2	0.19	1	18	36	2270	4.06	1.66	1.94	156	69	0.16	36	780	9	3.62	5	13	0.12	111	10	138	10
JM RC-16-05	290	292	103858	EXT	0.258	0.5	6.68	12	140	1.5	2	0.26	1	20	36	2320	4.04	2.21	1.17	160	79	0.15	34	660	9	3.62	5	12	0.11	108	10	134	10
JM RC-16-05	292	294	103859	EXT	0.269	0.5	7.39	9	530	2.2	3	0.22	1.1	16	31	1985	5.22	1.56	1.72	328	48	0.31	25	630	16	2.67	5	25	0.19	127	10	321	10
JM RC-16-05	294	296	103860	EXT	0.311	0.5	7.84	9	600	2.4	2	0.25	1	17	34	2330	5.98	1.54	2.11	386	56	0.27	29	850	2	1.78	5	15	0.21	136	10	397	10
JM RC-16-05	296	298	103861	EXT	0.278	0.5	7.52	6	610	2.1	2	0.25	1.3	18	39	2520	5.52	1.88	1.98	273	54	0.44	28	810	3	1.89	5	18	0.2	138	10	341	10
JM RC-16-05	298	300	103862	EXT	0.319	0.5	7.3	17	600	1.9	2	0.22	0.9	16	30	2540	4.98	1.55	1.58	333	57	0.29	25	840	3	1.66	5	14	0.17	126	10	318	10
JM RC-16-05	300	302	103863	EXT	0.337	0.5	7.65	10	630	2.4	3	0.26	1.2	26	40	2470	5.63	1.58	2.34	430	62	0.4	25	1100	3	1.26	5	15	0.25	158	10	388	10
JM RC-16-05	302	304	103864	EXT	0.201	0.5	8.08	9	600	2.2	2	0.3	1.1	24	46	1930	5.14	1.44	2.58	356	51	0.15	31	1290	2	1.12	5	16	0.3	179	10	527	10
JM RC-16-05	304	306	103865	EXT	0.243	0.5	7.95	17	570	2.4	2	0.36	1.3	20	41	1790	4.74	1.9	1.78	275	49	0.41	27	1000	2	0.79	5	13	0.24



ROH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-19-05	148	150	104092 ORG		0.141	0.5	7.74	13	570	1.7	2	1.06	1.7	5	7	7510	3.41	2.09	0.75	428	4	2.43	7	750	14	0.03	5	336	0.19	55	10	106	10
JM RC-19-05	150	152	104094 EXT		0.053	0.5	7.67	6	540	1.7	4	1.55	0.9	5	13	6330	3.39	1.96	0.72	414	4	2.58	6	780	15	0.03	5	366	0.21	58	10	162	10
JM RC-19-05	152	154	104096 EXT		0.094	0.5	7.93	8	610	1.6	6	1.66	1.1	5	9	5750	3.17	1.73	0.74	454	3	2.71	10	780	15	0.01	5	355	0.22	60	10	150	10
JM RC-19-05	154	156	104098 EXT		0.071	0.5	7.79	7	540	1.5	4	1.68	1	5	7	7330	3.4	1.78	0.81	427	3	2.78	9	780	14	0.03	5	442	0.23	64	10	164	10
JM RC-19-05	156	158	104087 EXT		0.035	0.5	7.75	17	600	1.4	6	1.29	1.9	8	12	9780	4.79	1.49	0.78	908	4	2.97	12	780	16	0.15	6	364	0.2	82	10	442	10
JM RC-19-05	158	160	104088 EXT		0.049	0.5	7.4	20	615	1.4	29	1.26	3.2	14	1	11500	3.17	2.22	0.75	1875	2	2.31	9	750	21	0.31	10	282	0.21	58	10	266	10
JM RC-19-05	160	162	104089 EXT		0.146	1.5	7.06	43	560	1.7	5	0.79	1.6	8	1	5780	4.79	2.04	0.64	1685	3	0.77	6	670	20	0.9	11	108	0.2	97	10	318	10
JM RC-19-05	162	164	104100 EXT		0.121	0.9	6.71	42	510	1.4	6	0.67	1.2	4	1	1870	4.56	2.71	0.58	1455	2	0.68	5	640	71	0.08	14	123	0.19	57	10	258	10
JM RC-19-05	164	166	104101 EXT		0.292	2.4	4.85	14	370	1.1	4	0.37	0.7	5	2	1780	3.6	3.87	0.72	1185	4	0.64	6	730	36	0.21	8	74	0.09	32	10	258	10
JM RC-19-05	166	168	104102 EXT		0.457	2.8	5.15	13	540	1	2	0.19	0.9	6	2	2030	2.7	3.34	0.99	1225	3	0.43	6	380	24	0.15	10	78	0.08	38	10	198	10
JM RC-19-05	168	170	104103 EXT		0.351	2.7	5.09	14	790	1	2	0.07	0.9	1	1	6880	2.7	3.41	0.71	1190	12	0.51	5	720	18	0.41	5	68	0.06	37	10	178	10
JM RC-19-05	170	172	104104 EXT		0.255	2.5	5.2	9	630	0.9	2	0.09	0.8	1	1	6460	2.36	3.44	0.48	583	10	0.72	4	530	21	0.13	12	77	0.07	37	10	164	10
JM RC-19-05	172	174	104105 EXT		0.73	3.4	4.54	11	540	1.4	11	0.07	1.1	1	1	22500	4.79	2.5	0.45	564	6	0.12	6	530	33	3.1	15	15	0.07	32	10	108	10
JM RC-19-05	174	176	104106 EXT		0.234	3	6.98	31	440	1.7	7	0.3	1.1	1	21	4250	5.38	2.77	0.96	758	37	1.82	4	530	43	0.91	27	78	0.22	73	10	198	10
JM RC-19-05	176	178	104107 EXT		0.302	5.9	7.29	23	610	1.6	6	0.12	1	7	25	1485	5.52	3.62	1.56	657	7	2.04	14	620	34	0.04	41	139	0.03	112	10	288	10
JM RC-19-05	178	180	104108 EXT		0.362	1.4	7	19	570	1.7	3	0.39	1	6	25	11300	5.32	3.22	1.52	1149	9	2.09	13	660	40	0.03	28	157	0.3	108	10	251	10
JM RC-19-05	180	182	104109 EXT		2.22	7.2	5.24	11	320	2	26	0.11	8.9	4	10	13400	7.72	3.37	1.06	1140	10	0.54	12	620	36	1.38	22	58	0.14	88	10	201	10
JM RC-19-05	182	184	104110 EXT		0.764	2.6	6.36	17	600	1.7	7	0.28	0.8	6	16	3910	5.55	2.89	1.34	1080	6	1.16	12	710	36	0.35	33	138	0.25	91	10	307	10
JM RC-19-05	184	186	104111 EXT		0.369	2.7	6.54	22	530	1.7	2	0.4	0.7	6	16	1405	4.48	2.24	1.26	882	9	1.41	4	750	23	0.15	14	136	0.24	71	10	211	10
JM RC-19-05	186	188	104112 EXT		0.478	2.3	6.91	18	660	2	2	0.3	0.6	7	21	2500	5.79	2.64	1.79	1530	6	1.38	10	570	36	0.38	29	113	0.27	92	10	278	10
JM RC-19-05	188	190	104113 EXT		0.332	1.5	6.16	18	670	1.9	2	0.19	0.7	5	17	1645	5.12	1.65	1.39	1385	6	1.06	9	560	30	0.17	20	112	0.2	75	10	215	10
JM RC-19-05	190	192	104114 EXT		0.682	4.1	4.81	23	630	1.5	2	0.19	0.7	3	4	5030	4.41	1.98	0.78	1285	6	0.4	5	580	32	0.99	22	61	0.08	36	10	213	10
JM RC-19-05	192	194	104115 EXT		0.513	2.8	5.12	16	630	1.7	2	0.23	0.7	5	9	3240	4.37	2.13	1.03	1420	6	0.62	4	510	28	0.42	27	107	0.12	46	10	266	10
JM RC-19-05	194	196	104116 EXT		0.366	3.5	4.39	18	640	1.2	2	0.22	0.7	3	26	3200	3.73	1.5	0.84	1475	5	0.41	13	470	33	0.44	21	84	0.09	30	10	206	10
JM RC-19-05	196	198	104117 EXT		0.337	3.4	5.47	18	550	1.4	2	0.34	0.7	3	7	2480	4.03	1.64	0.67	1160	5	0.71	3	510	28	0.67	17	115	0.15	60	10	160	10
JM RC-19-05	198	200	104118 EXT		0.354	2.9	4.9	16	760	2.9	2	0.54	0.9	3	1	4600	2.98	2.02	0.49	1510	5	0.47	5	320	22	0.36	26	75	0.06	29	10	215	10
JM RC-19-05	200	202	104119 EXT		0.447	2.9	4.85	16	780	1.2	2	0.44	0.8	3	2	2440	3.16	2.2	0.83	1270	10	0.73	5	530	36	0.25	27	68	0.08	31	10	196	10
JM RC-19-05	202	204	104120 EXT		0.406	2.7	4.84	13	700	1.3	2	0.43	0.7	3	3	4480	3.17	2.67	1.09	1055	12	0.84	4	530	27	0.36	19	88	0.08	34	10	184	10
JM RC-19-05	204	206	104121 EXT		0.469	2.9	4.21	11	640	1.2	2	0.3	0.7	2	20	4880	4.34	1.9	0.89	1480	4	0.27	12	660	22	0.8	13	48	0.07	30	10	237	10
JM RC-19-05	206	208	104122 EXT		0.365	2.3	3.96	11	610	1.2	2	0.34	1.1	2	7	5600	2.65	2.27	0.6	832	4	0.54	9	520	34	0.63	11	79	0.07	34	10	148	10
JM RC-19-05	208	210	104123 EXT		0.337	1.8	4.05	15	660	0.9	2	0.5	0.8	3	3	4210	2.91	1.9	0.88	1175	6	0.44	4	530	15	0.54	10	68	0.08	23	10	206	10
JM RC-19-05	210	212	104124 ORG		0.343	2.1	4.17	9	720	0.9	2	0.41	0.9	2	3	6230	2.75	1.95	0.61	1300	10	0.31	4	550	20	0.91	9	58	0.08	25	10	198	10
JM RC-19-05	212	214	104125 EXT		0.341	2.7	4.71	16	730	1.3	2	0.49	1	3	1	4880	3.47	2.08	0.8	1535	11	0.14	7	580	27	0.68	11	96	0.07	27	10	211	10
JM RC-19-05	214	216	104126 EXT		0.248	1.7	5.75	15	780	1.2	2	1.02	1.9	4	3	1790	2.62	2.12	0.72	1580	5	1.19	4	660	16	0.62	12	230	0.14	60	10	206	10
JM RC-19-05	216	218	104127 EXT		0.625	1.4	5.49	17	660	1.3	2	2.24	2.3	4	4	277	2.29	2.21	0.98	1050	5	2.05	2	750	19	0.14	27	377	0.2	56	10	338	10
JM RC-19-05	218	220	104128 EXT		0.816	0.5	7.69	34	730	1.4	2	2.64	1.3	4	6	146	2.88	2.12	0.71	1160	5	2.62	1	660	67	0.05	38	462	0.23	85	10	173	10
JM RC-19-05	220	222	104130 EXT		0.625	0.8	7.64	34	620	1.5	2	1.92	1.7	5	9	270	3.12	2.58	0.7	1280	3	1.67	1	660	54	0.46	21	367	0.22	83	10	286	10
JM RC-19-05	222	224	104131 EXT		0.691	0.8	7.95	21	660	1.5	2	2.09	1.8	7	9	322	3.08	2.64	0.77	1430	4	1.86	4	650	79	0.23	32	348	0.22	93	10	457	10
JM RC-19-05	224	226	104132 EXT		0.815	0.5	7.44	21	700	1.3	2	2.37	1.4	5	9	100	2.94	2.52	0.73	1250	4	2.3	3	770	70	0.04	36	320	0.2	84	10	312	10
JM RC-19-05	226	228	104133 EXT		0.884	0.8	6.65	19	700	1.3	2	1.8	1.4	7	8	310	3.58	2.32	0.83	1950	4	1.43	5	710	73	0.06	36	252	0.14	83	10	312	10
JM RC-19-05	228	230	104134 EXT		0.082	0.6	4.4	19	620	1.2	2	1.54	1	4	9	944	2.63	2.23	0.86	1135	5	1.56	5	640	46	0.27	19	284	0.16	64	10	546	10
JM RC-19-05	230	232	104135 EXT		0.055	0.5	7.48	22	620	1.4	2	1.5	1.9	5	7	248	3.47	2.41	0.75	1355	4	2	7	740	36	0.12	25	318	0.19	97	10	231	10
JM RC-19-05	232	234	104136 EXT		0.108	0.6	7.84	26	660	1.5	2	1.68	1.2	7	8	374	4.54	2.28	0.86	1465	6	1.26	5	750	76	0.02	29	178	0.18	94	10	182	10
JM RC-19-05	234	236	104137 EXT		0.099	0.6	7.75	24	630	1.3	2	1.92	2.7	6	8	179	3.36	2.06	0.87	1515	4	1.42	2	660	72	0.04	32	217	0.19	94	10	462	10
JM RC-19-05	236	238	104138 EXT		0.157	0.8	5.7	25	530	1	2	1.91	0.9	6	8	308	3.94	1.76	0.84	1485	5	1.19	2	580	71	0.82	21	146	0.14	84	10	196	10
JM RC-19-05	238	240	104139 EXT		0.039	0.5	9.77	35	1070	1.1	2	1.64	1.2	5	5	381	3.01	2.04	0.71	1455	4	1.82	2	710	32	0.09	21	387	0.17	91	10	191	10
JM RC-19-05	240	242	104140 EXT		0.018	0.5	7.43	27	630	1.4	2	2.01	0.9	5	5	71	2.88	2.31	0.86	1745	3	1.66	2	760	56	0.06	22	348	0.2	82	10	186	10
JM RC-19-05	242	244	104141 EXT		0.264	0.7	7.33	24	640	1.6	2	1.82	1	6	5	1130	3.34	2.4	0.86	1675	4	0.83	4	680	31	0.39	19	146	0.23	91	10	183	10
JM RC-19-05	244	246	104142 EXT		0.086	0.6	8.54	50	680	1.8	2	0.98	3.3	6	5	195	3.47	2.86	0.85	1940	4	0.67	4	660	112	0.76	26	142	0.23	96	10	306	10
JM RC-19-05	246	248	104143 EXT		0.083	1	7.23	32	910	1.7	2	0.82	2.6	7	4	194	3.38	2.75	0.8	1845	2	0.49	4	680	106	0.68	25	78	0.21	93	10	422	10
JM RC-19-05	248	250	104144 EXT		0.846	2.5	5.61	26	660	1.3	3	0.67	3	12	5	146	3.35	1.74	0.56	1635	2	0.95	5	730	64	0.41	23	154	0.16	91	10	229	10
JM RC-19-05	250	252	104145 EXT		0.027	0.8	8.01	16	660	1.6	2	1.68	3	13	8	268	3.56	2.19	0.74	1685	1	1	6	660	46	0.05	34	336	0.24	84	10	338	10
JM RC-19-05	252	254	104146 EXT		0.052	0.5	7.95	19	660	1.5	3	1.15	0.9	13	8	345	4.66	2.07	0.87	1675	1	1.01	4	750	58	0.25	25	214	0.21	97	10	377	10
JM RC-19-05	254	256	104147 EXT		0.053	0.5	8.68	16	680	0.9	3	0.46	4.5	11	16	257	4.44	1.42	0.52	1230	6	0.33	7	490	42	0.33	16	46	0.13	85	10	330	10
JM RC-19-05	256	258	104148 ORG		0.167	0.8	8.68	17	680	1.7	3	0.76	3.6	16	8	465	4.84	2.14	0.48	1585	3	0.88	6	780	53	1.01	21	94	0.16	96	10	258	10
JM RC-19-05	258	260	104150 EXT		0.398	2.3	7.29	30	1140	1.7	2	0.88	3.6	11	7	1710	3.9	2.89	0.71	2640	2	0.48	7	680	62	1.08	16	106	0.17	82	10	321	10
JM RC-19-05	260	262	104151 EXT		0.488	3.1	4.38	14	660	1.2	3	0.61	4.9	15	40	3800	6.81	1.79	0.76	3410	4	0.31	16	550	54	1.82	17	62	0.14	89	10	389	10
JM RC-19-05	262	264	104152 EXT		0.353	3.3	6.28	14	660	1.4	2	0.36	4.1	15	36	33800	5.87	2.82	1.05	2400	7	0.29	12	700	38	0.53	15	72	0.24	98	10	253	10
JM RC-19-05	264	266	104153 EXT		0.493	7.4	6.23	36	650	1.5	2	0.45	4.7	17	23	3480	5.06	1.92	0.99	1955	9	0.29	12	570	69	1.3	32	71	0.29	91	10	304	10
JM RC-19-05	266	268	104154 EXT		0.379	7	5.08	17	660	1.1	2	0.32	4.7	16	21	3430	5.15	1.62	0.67	1575	4	0.2	6	600	154	1.74	25	66	0.23	78	10	253	10
JM RC-19-05	268	270	104155 EXT		0.173	1.6	7.38	12	660	1.3	2	0.09	3.6	14	4	1520	4.35	2.24	0.84	1845	3	2.07	6	690	78	0.5	34	264	0.19	92	10	238	10
JM RC-19-05	270	272	104156 EXT		0.08	1.1	7.27	19	660	1.3	2	0.46	2.9	10	5	529	4	2.33	0.71	1995	3	0.46	5	670	70	0.13	31	60	0.14	54	10	139	10
JM RC-19-05	272	274	104157 EXT		0.269	1.4	7.64	18	770	1.5	2	0.87	4.4	12	7	703	3.9	2.52	0.8	1525	3	1.42	6	680	113	0.8	35	256	0.19	96	10	347	10
JM RC-19-05	274	276	104158 EXT		0.073	1.4	6.8	16	810	1.1	2	1.28	4	12	6	764	3.4	2.2	0.71	1375	3	1.08	6	640	229	0.8	40	280	0.17	91	10	327	10
JM RC-19-05	276	278	104159 EXT		0.075	1.4	7.34	17	660	1.2	2	0.87	3.2	11	7	667	3.56	2.26	0.7	1145	3	1.6	6	650	79	0.68	24	247	0.16	93	10	302	10
JM RC-19-05	278	280	104160 EXT		0.091	1.1	7.09	11	660	1.1	2	0.71	2.9	12	7	1225	3.87	2.09	0.77	1358	4	1.72	6	660	97	0.89	29	329	0.18	93	10	188	10
JM RC-19-05	280	282	104161 EXT		0.1	0.8	7.7	12	660	1.2	2	0.62	3.2	11	6	1095	3.91	1.81	0.63	1595	4	2.28	6	670	77	0.52	33	267	0.16	94	10	202	10
JM RC-19-05	282	284	104162 EXT		0.101	0.9	8.08	18	660	1.3	2	0.62	2.9	11	6	1085	3.56	1.19	0.41	888	3	1.64	5	600	58	0.32	27	226	0.16	82	10	218	10
JM RC-19-05	284	286	104165 EXT		0.191	1.9	5.72	196	540	1.2	2	0.15	2.9	10	6	2240	3.31	2.02	0.44	333	10	0.29	10	420	48	2.34	68	136	0.1	62	10	132	10
JM RC-19-05	286	288	104164 EXT		0.194	1.2	6.24	204	590	1.5	2	0.12	2.9	12	15	3680	4.41	2.09	0.58	237	15	0.19	12	500	53	3.72	14	134	0.08	53	10	176	10
JM RC-19-05	288	290	104166 EXT		0.084	1.2	6.29	259	560	1.5	2	0.1	2.9	10	9	3790	3.52	2.04	0.58	208	27	0.12	11	550	52	2.91	12	124	0.09	58	10	172	10
JM RC-19-05	290	292	104169 EXT		0.056	0.9	6.65	146	670	1.7	2	0.1	2.9	12	9	3520	3.79	2.22	1.38	467	22	0.13	14	550	53	2.42	14	146	0.1	71	10	172	10
JM RC-19-05	292	294	104167 EXT		0.674	0.7	5.91	144	540	1.5	2	0.09	2.9	11	29	2170	5.98	1.71	1.29	458	11	0.89	13	430	26	2.42	12	73	0.09	41	10	156	10
JM RC-19-05	294	296	104168 ORG		0.084	0.8	6.47	294	540	1.7	2	0.12	2.2	8	19	3250	2.74	2.16	0.88	309	39	0.11	11	440	42	1.68	9	146	0.09	54	10	159	10
JM RC-19-05	296	298	104170 EXT		0.082	1.7	7.31	71	660	1.8	2	0.11	2.7	10	7	5150	3.65	2.48	0.75	214	66	0.15	10	670	132	2.2	30	254	0.1	83	10	204	10
JM RC-19-05	298	300	104171 EXT		0.226	0.9	6.33	56	640	1.3	2	0.1	2.5	9	7	3560	3.11	2.2	1.17	351	22	0.22	7	570	37	1.54	9	151	0.1	63	10	202	10
JM RC-19-05	300	302	104172 EXT		0.17	1	7.36	65	670	1.3	2	0.12	3	12	8	2230	3.48	2.18	1	388	46	0.66	6	540	49	2.64	10	161	0.1	56	10	207	10
JM RC-19-05	302	304	104173 EXT		0.287	0.6	8.66	91	660	1.4	2	0.1	3.3	12	6	2760	3.53	1.8	1.26	538	33	0.65	6	600	35	1.86	9	152	0.12	58	10	306	10
JM RC-19-05	304	306	104174 EXT		0.196	0.7	6.64	88	660	1.4	2	0.08	2.6	10	11	3650	3.98	1.82	1.26	471	43	0.13	4	430	39	1.72	14	208	0.1	53	10	346	10
JM RC-19-05	306	308	104175 EXT		0.305	0.5	9	63	360	1.2	2	0.08	2.5	11	7	1915	3.98	1.72	1.3	433	11	0.11	4	330	31	0.75	16	122	0.08	54	10	139	10
JM RC-19-05	308	310	104176 EXT		0.208	1	5.36	46	550	1	2	0.08	2.6	8	8	3640	3.54	1.56	0.82	319	16	0.12	4	390	34	2.29	12	83	0.08	46	10	116	10
JM RC-19-05	310	312	104177 EXT		0.084	1.6	4.9	707	240	0.8	2	0.08	4.6	11	8	3660	4.68	1.91	0.34	119	9	0.11	9	360	94	3.86	61	149	0.07	43	10	162	10
JM RC-19-05	312	314	104178 EXT		0.105	1.8	5.5	957	370	0.8	2	0.16	3.5	11	10	4660	2.96	1.58	0.36	120	14	0.13	7	360	120	5.62	2.88	99	0.08	25	10	78	10
JM RC-19-05	314	316	104179 EXT		0.163	0.6	6.3	79	670	1.2	2	0.1	2.6	10	6	1745	3.94	1.93	0.82	183	12	0.14	4	390	63	2.07	10	181	0.1	54	10	134	10
JM RC-19-05	316	318	104182 EXT		0.111	0.7	7.3	36	660	1.2	2	0.11	2.3	8	5	1640	3.24	1.9	0.82	262	13	0.66	6	450	55	2.32	13	178	0.08	55	10	178	10
JM RC-19-05	318	320	104181 EXT		0.135	0.7	7.42	75	540	1.1	2	0.41	2.5	11	8	3600	2.98	1.74	0.53	138	15	0.19	8	640	70	1.9	21	108	0.08	57	10	97	10
JM RC-19-05	320	322	104182 EXT		0.14	1	6.65	82	630	1.2	2	0.09	2.2	12	5	1920	2.84	1.66	0.39	160	11	0.2	5	410	49	1.91	15	102	0.1	53	10	86	10
JM RC-19-05	322	324	104183 EXT		0.13	0.8	6.95	143	650	1.4	2	0.11	3.3	13	5	1675	3.26	1.82	0.62	288	11	0.3	7	510	58	2.32	13	179	0.1	58	10	206	10
JM RC-19-05	324	326	104184 EXT		0.196	1.2	6.79	247	660	1.2	2	0.17	3.6	15	6	3130	4.65	2.04	0.91	147	14	0.16	7	560	41	3.61	30	112	0.08	55	10	160	10
JM RC-19-05	326	328	104185 EXT		0.224	0.9	7.41	82	740	1.6	2	0.17	2.6	12	8	2470	3.84	1.96	0.68	335	18	0.36	8	540	53	1.41	17	144	0.11	61	10	197	10
JM RC-19-05	328	330	104186 EXT		0.143	0.8	7.1	70	650	1.3	2	0.22	2.7	10	8	1985	3.66	1.82	1.03	474	19	1.1	8	590	39	0.63	21	152	0.1	62	10	261	10
JM RC-19-05	330	332	104187 EXT		0.18	0.8	6.7	74	640	1.5	2	0.36	2.9	10	8	2330	3.53	1.71	1.12	476	37	0.56	8	530	29	0.8	20	132	0.09	56	10	203	10
JM RC-19-05	332	334	104188 EXT		0.18	0.9	6.93	91	670	1.5	2	0.9	3.1	11

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-19-05	362	364	104304 EXT		0.298	0.8	5.28	73	530	1.1	2	0.2	34	10	7	3488	4.44	1.98	0.83	913	32	0.41	4	440	32	0.73	17	84	0.1	98	16	136	16
JM RC-19-05	364	366	104305 EXT		0.272	0.8	5.17	36	556	1	2	0.18	36	12	16	3100	4.67	1.97	1.09	604	65	0.73	4	480	40	0.84	7	104	0.12	91	16	146	16
JM RC-19-05	366	368	104306 EXT		0.253	1	6.3	68	603	1.2	2	0.44	27	9	9	2700	3.82	2.39	0.77	582	39	1.21	4	570	27	0.76	12	145	0.11	91	16	130	16
JM RC-19-05	368	370	104307 EXT		0.211	0.9	6.14	137	650	1.2	2	0.34	27	10	9	2750	3.93	2.07	0.79	541	77	1.22	7	520	39	1.14	32	142	0.12	97	16	156	16
JM RC-19-05	370	372	104308 EXT		0.299	1	6.98	35	638	1.7	2	0.32	27	11	11	4218	3.69	2.1	1.12	691	50	0.42	4	540	23	1.05	9	94	0.13	92	16	134	16
JM RC-19-05	372	374	104309 EXT		0.26	1	5.52	62	560	1.2	2	0.15	29	9	9	3678	3.45	2.29	0.96	512	26	0.53	4	380	22	0.62	16	78	0.11	80	16	170	16
JM RC-19-05	374	376	104310 EXT		0.222	1.1	5.8	39	526	1.9	2	0.24	28	9	8	3218	3.42	1.82	0.88	566	32	0.3	4	780	28	1.24	9	98	0.11	85	16	141	20
JM RC-19-05	376	378	104311 EXT		0.198	0.9	6.54	47	548	1.8	2	0.23	29	10	8	3080	3.72	1.92	1.04	577	68	0.39	4	670	21	1.16	16	106	0.08	88	16	154	16
JM RC-19-05	378	380	104312 EXT		0.161	0.5	6.91	68	570	1.4	2	0.43	24	10	7	3018	3.12	1.96	0.86	640	24	1.4	4	970	29	0.75	13	160	0.12	91	16	114	16
JM RC-19-05	380	382	104313 EXT		0.213	1	8.08	56	590	1.7	2	0.63	28	12	11	3240	3.75	2.22	1	726	61	1.9	4	680	29	0.85	11	171	0.13	97	16	127	16
JM RC-19-05	382	384	104314 EXT		0.216	0.6	7.08	22	570	1.4	2	0.48	24	11	8	3190	3.17	2.11	0.8	645	32	1.27	4	530	17	0.79	9	112	0.13	86	16	104	16
JM RC-19-05	384	386	104315 EXT		0.247	1	7.17	102	570	1.8	2	0.61	29	13	10	4620	3.48	2.43	0.88	679	78	0.53	4	980	23	1.44	23	75	0.08	98	16	122	20
JM RC-19-05	386	388	104316 EXT		0.227	0.6	6.98	71	610	1.4	2	0.52	23	10	14	3150	2.94	2.35	0.87	518	48	0.44	4	580	27	1.16	18	74	0.11	83	16	111	16
JM RC-19-05	388	390	104317 EXT		0.173	0.6	6.58	36	778	1.3	2	0.77	22	9	12	2580	2.85	2.47	0.88	634	54	0.74	5	800	19	0.9	8	110	0.14	94	16	107	16
JM RC-19-05	390	392	104318 ORG		0.133	1.4	7.23	54	980	1.4	2	0.49	7	10	11	2386	3.03	2.52	0.98	1060	33	0.65	5	840	19	0.91	13	79	0.15	98	16	130	16
JM RC-19-05	392	394	104336 EXT		0.17	1.6	7.49	39	656	1.6	2	0.58	24	11	14	3110	3.19	2.31	1.11	1145	30	0.84	4	690	19	1.04	6	91	0.14	93	16	179	16
JM RC-19-05	394	396	104221 EXT		0.164	1.2	8.62	50	538	1.2	2	0.38	30	8	7	2648	3.31	1.79	0.57	648	41	0.79	4	488	22	0.91	19	75	0.11	53	16	136	16
JM RC-19-05	396	398	104222 EXT		0.168	1.4	8.68	156	418	1.3	2	0.36	33	8	7	2660	3.88	2.07	0.81	743	42	0.42	4	480	32	1.22	57	90	0.08	45	16	130	16
JM RC-19-05	398	400	104223 EXT		0.168	0.9	5.31	51	528	1.2	2	0.25	17	6	10	1730	2.41	1.5	0.66	566	34	0.66	4	360	14	0.46	15	69	0.13	36	16	82	16
JM RC-20-05	0	2	104224 EXT		0.103	0.5	7.43	16	566	1.2	2	0.2	25	9	21	538	3.64	1.62	1	218	47	0.32	6	810	16	0.56	8	106	0.1	166	16	43	30
JM RC-20-05	2	4	104225 EXT		0.231	0.8	7.26	5	668	1.5	2	0.09	29	13	20	548	4.84	1.23	0.78	350	68	0.28	9	540	10	0.5	9	34	0.12	182	16	60	16
JM RC-20-05	4	6	104226 EXT		0.094	0.6	7.51	6	638	1.8	2	0.07	3	6	23	664	4.06	1.52	0.77	395	45	0.18	7	640	9	0.38	7	34	0.17	116	16	46	16
JM RC-20-05	6	8	104227 EXT		0.079	0.5	7.77	5	930	1.7	2	0.09	33	6	27	562	4.51	1.16	1.11	328	62	0.32	11	1200	14	0.46	9	26	0.13	136	16	46	16
JM RC-20-05	8	10	104228 EXT		0.076	0.5	7.66	6	528	1.8	2	0.07	33	11	33	517	4.53	1.32	1.36	404	91	0.3	14	850	12	0.33	9	25	0.16	156	16	51	16
JM RC-20-05	10	12	104229 EXT		0.096	0.6	7.81	5	648	1.8	2	0.05	33	11	29	537	4.6	1.27	1.32	388	65	0.26	13	840	10	0.36	9	24	0.11	124	16	66	16
JM RC-20-05	12	14	104230 EXT		0.075	0.7	8.15	9	660	1.8	4	0.05	31	10	25	493	4.39	1.26	1.25	340	30	0.29	13	830	8	0.36	12	24	0.13	133	16	68	16
JM RC-20-05	14	16	104231 EXT		0.078	0.6	7.36	10	620	1.4	2	0.06	28	10	23	548	3.86	1.24	1.02	374	28	0.28	11	730	6	0.32	8	21	0.1	118	16	58	16
JM RC-20-05	16	18	104232 ORG		0.114	0.9	7.22	14	580	1.8	2	0.06	31	22	24	548	4.44	1.42	1.11	665	86	0.31	10	1230	11	0.31	14	35	0.11	124	16	147	16
JM RC-20-05	18	20	104234 EXT		0.133	0.7	7.87	16	630	1.7	2	0.08	37	14	21	565	3.91	1.48	1	507	114	0.33	8	1440	18	0.4	10	41	0.14	116	16	106	16
JM RC-20-05	20	22	104235 EXT		0.129	0.8	8.35	24	770	1.9	2	0.1	14	16	46	750	4.49	1.44	1.39	903	72	0.29	15	1660	22	0.43	7	54	0.16	139	16	109	16
JM RC-20-05	22	24	104236 EXT		0.116	0.8	8.79	41	670	1.9	2	0.09	24	6	72	621	5.8	1.8	1.16	858	56	0.38	22	1260	73	0.4	14	72	0.16	166	16	114	20
JM RC-20-05	24	26	104237 EXT		0.075	0.5	4.5	12	600	1.3	2	0.09	28	5	48	578	3.5	1.26	1.34	294	49	0.25	28	880	14	0.29	9	65	0.17	102	16	70	20
JM RC-20-05	26	28	104238 EXT		0.072	0.5	6.46	7	670	1.3	2	0.1	27	5	19	986	3.82	1.66	1.62	381	113	0.25	9	1130	17	0.59	9	34	0.13	86	16	36	16
JM RC-20-05	28	30	104239 EXT		0.099	0.5	8.05	15	668	1.2	2	0.03	29	9	26	503	4.08	1.25	1.44	319	84	0.24	19	1240	17	0.24	9	28	0.15	126	16	57	16
JM RC-20-05	30	32	104240 EXT		0.093	0.5	7.83	11	918	1.1	2	0.07	27	8	21	543	3.47	1.57	1.2	274	54	0.23	9	1080	12	0.43	12	50	0.09	104	16	63	20
JM RC-20-05	32	34	104241 EXT		0.123	0.5	6.51	11	818	1.2	2	0.05	25	8	21	577	3.52	1.64	0.98	283	86	0.28	9	720	9	0.35	10	34	0.14	122	16	52	16
JM RC-20-05	34	36	104242 EXT		0.11	0.7	7.48	8	478	1.2	2	0.05	9	8	22	596	4.19	1.91	0.85	446	351	0.24	11	620	25	0.41	11	46	0.08	106	16	67	16
JM RC-20-05	36	38	104243 EXT		0.099	0.5	6.62	9	618	1.5	2	0.09	24	7	23	607	4.04	2.1	1.12	427	66	0.32	13	1000	36	0.35	14	30	0.13	161	16	67	40
JM RC-20-05	38	40	104244 EXT		0.184	0.9	7.98	11	808	1.4	2	0.05	24	7	27	515	3.22	1.16	0.83	214	67	0.26	10	1130	6	0.31	9	30	0.13	120	16	82	16
JM RC-20-05	40	42	104245 EXT		0.119	0.8	7.33	12	930	1.5	2	0.19	56	19	58	1630	4.6	1.09	1.09	409	48	0.26	41	1740	16	1.48	11	88	0.18	138	16	97	16
JM RC-20-05	42	44	104246 EXT		0.073	0.5	8.1	8	290	1.7	2	0.44	5.5	35	286	2150	7.4	1.02	2.99	621	37	0.12	106	2270	15	3.1	10	63	0.25	146	16	111	40
JM RC-20-05	44	46	104247 EXT		0.066	1	7.44	13	560	1.6	2	0.05	34	12	33	607	4.61	1.68	1.48	542	49	0.33	18	1130	25	0.27	14	67	0.17	136	16	154	16
JM RC-20-05	46	48	104248 EXT		0.079	0.8	6.18	15	560	1.5	2	0.06	29	12	22	561	4.46	1.7	1.34	430	34	0.39	16	1060	31	0.53	10	114	0.23	151	16	114	20
JM RC-20-05	48	50	104249 EXT		0.117	0.8	7.49	13	620	1.2	3	0.04	6.4	5	14	906	3.85	1.34	1.17	381	122	0.34	12	630	17	0.31	9	79	0.14	112	16	84	20
JM RC-20-05	50	52	104250 EXT		0.157	2.3	7.11	12	538	0.9	4	0.03	6.6	4	10	536	3.66	1.18	1.3	407	124	0.24	11	600	16	0.24	6	47	0.16	104	16	83	20
JM RC-20-05	52	54	104251 EXT		0.087	0.5	7.41	9	538	1	4	0.03	6.7	8	21	560	4.11	1.1	1.56	466	150	0.26	12	980	12	0.23	5	36	0.14	112	16	46	16
JM RC-20-05	54	56	104252 EXT		0.141	0.7	7.28	16	578	0.9	3	0.03	6.9	7	20	612	3.81	0.87	1.9	466	150	0.25	10	770	15	0.25	6	29	0.14	116	16	63	16
JM RC-20-05	56	58	104253 EXT		0.117	0.8	6.64	9	618	0.9	3	0.04	7	7	20	674	3.88	1.46	1.54	536	71	0.24	11	630	13	0.32	9	33	0.15	116	16	58	16
JM RC-20-05	58	60	104254 EXT		0.126	0.8	6.54	12	1	6	4	0.05	6.4	4	35	533	4.32	1.44	1.37	354	77	0.22	9	640	9	0.33	12	32	0.26	146	16	58	16
JM RC-20-05	60	62	104255 EXT		0.062	0.5	6.11	11	590	1.2	4	0.31	1.3	14	38	4270	6.28	1.38	1.85	434	47	0.31	15	630	7	0.66	13	45	0.3	142	16	97	16
JM RC-20-05	62	64	104256 EXT		0.093	0.8	7.58	18	668	1	5	0.19	1.6	26	23	2436	4.62	1.76	1.69	417	52	0.32	16	780	6	0.64	7	38	0.15	116	16	54	16
JM RC-20-05	64	66	104257 EXT		0.139	0.6	8.37	9	578	1.2	3	0.13	1.6	18	21	4820	3.7	1.25	1.74	608	66	0.32	16	770	6	0.61	16	45	0.14	124	16	58	16
JM RC-20-05	66	68	104258 EXT		0.151	0.6	8.38	18	550	1.2	2	0.07	0.9	15	15	2358	3.61	1.4	1.53	373	44	0.33	15	670	6	0.63	5	57	0.17	126	16	47	16
JM RC-20-05	68	70	104259 EXT		0.115	0.8	8.09	14	538	1.1	4	0.07	0.9	13	23	2358	3.63	1.68	1.74	414	115	0.38	13	730	6	0.43	7	44	0.16	136	16	46	16
JM RC-20-05	70	72	104260 EXT		0.17	0.7	7.8	8	628	1.1	5	0.1	0.9	16	24	3268	3.83	1.25	1.98	388	166	0.28	15	870	10	0.64	9	49	0.16	129	16	47	16
JM RC-20-05	72	74	104261 EXT		0.116	0.5	8.17	8	638	1.2	5	0.11	1	14	26	3760	3.8	1.66	1.96	407	77	0.28	16	805	7	0.77	10	46	0.16	138	16	58	16
JM RC-20-05	74	76	104262 EXT		0.175	0.6	7.63	8	598	1.2	4	0.04	0.9	12	32	3660	3.98	1.54	1.68	383	0.31	15	790	9	0.53	7	43	0.15	130	16	129	16
JM RC-20-05	76	78	104263 EXT		0.195	0.7	7.51	8	548	1.2	6	0.06	0.8	4	24	768	3.4	0.86	1.04	258	268	0.3	11	720	9	0.36	8	98	0.11	103	16	63	20
JM RC-20-05	78	80	104264 ORG		0.175	0.5	7.67	11	570	1.2	6	0.17	1	11	21	751	4.45	1.52	2.35	505	42	0.28	38	1530	12	0.28	9	76	0.26	146	16	90	40
JM RC-20-05	80	82	104266 EXT		0.083	0.7	7.18	8	510	1	3	0.09	0.9	6	28	658	3.14	1.82	1.62	327	77	0.3	10	770	9	0.21	6	34	0.14	110	16	65	16
JM RC-20-05	82	84	104267 EXT		0.139	0.9	7.21	6	660	1	3	0.17	0.8	9	22	3660	3.82	0.96	1.8	458	172	0.64	16	630	12	0.57	8	36	0.16	114	16	75	30
JM RC-20-05	84	86	104268 EXT		0.197	0.9	7.72	16	610	1	7	0.3	1.1	17	21	3678	3.84	1.15	2.14	538	64	1.31	21	1240	12	0.38	5	41	0.14	146	16	127	16
JM RC-20-05	86	88	104269 EXT		0.316	1	8.91	15	810	1.2	3	0.21	1.9	16	19	4730	3.84	2.35	1.76	536	158	0.62	19	980	36	0.87	7	37	0.17	126	16	104	16
JM RC-20-05	88	90	104270 EXT		0.16	0.5	7.8	9	810	1.1	5	0.24	1	15	25	1308	4	0.85	1.84	435	35	1.14	17	650	12	0.38	5	47	0.21	126	16	86	16
JM RC-20-05	90	92	104271 EXT		0.941	0.6	6.87	19	760	1.6	6	0.43	1.3	15	30	1280	5.81	1.56	2.22	527	91	0.91	36	1530	12	0.34	16	53	0.3	152	16	133	16
JM RC-20-05	92	94	104277 EXT		0.169	0.8	6.32	11	480	1.2	5	0.27	1.7	13	32	3810	4.05	1.89	1.82	832	72	0.65	14	960	12	0.81	9	65	0.22	152	16	79	16
JM RC-20-05	94	96	104273 EXT		0.157	0.8	6.66	6	480	1.5	5	0.4	0.9	12	25	2518	3.8	0.84	1.88	624	62	1.15	25	840	14	0.87	5	260	0.23	136	16	79	16
JM RC-20-05	96	98	104274 EXT		0.163	0.8	7.16	9	500	1.2	5	0.24	1	14	21	2368	3.98	1.88	1.72	545	62	1.2	17	780	10	0.68	5	218	0.19	116	16	82	16
JM RC-20-05	98	100	104275 EXT		0.16	0.5	7.39	7	368	1.4	5	2.9	0.9	16	22	3060	3.43	1.39	1.72	984	78	1.34	17	790	17	2.75	4	215	0.19	112	16	166	16
JM RC-20-05	100	102	104279 EXT		0.205	0.8	6.45	8	360	1.1	5	3.81	1	10	30	2760	3.51	1.78	1.5	615	135	1.35	19	730	15	2.75	5	211	0.19	103	16	128	16
JM RC-20-05	102	104	104277 EXT		0.129	0.7	6.29	11	490	1.1	5	2.7	1	11	31	2130	3.32	1.2	1.42	564	125	1.23	17	760	12	2.47	6	230	0.2	104	16	104	16
JM RC-20-05	104	106	104278 EXT		0.163	0.6	6.97	9	480	1.1	7	2.17	1	11	19	2760	3.16	1.78	1.46	568	74	0.95	14	730	12	2.13	5	188	0.14	98	16	116	16
JM RC-20-05	106	108	104279 EXT		0.128	0.5	7.81	9	490	1.3	7	3.01	1.2	13	24	2370	4.07	1.18	1.62	723	55	1.34	14	870	15	2.62	7	221	0.21	120	16	115	16
JM RC-20-05	108	110	104280 EXT		0.17	0.7	8.9	8	530	1.1	8	3.06	1.2	22	29	2648	4.91	1.58	1.52	804	70	1	19	700	17	3.16	6	211	0.2	170	16	145	16
JM RC-20-05	110	112	104281 EXT		0.192	0.8	6.97	5	560	1.2	5	3.03	1.2	14	25	3620	3.69	1.04	1.75	573	75	1.82	19	780	17	2.88	4	250	0.21	111	16	109	16
JM RC-20-05	112	114	104282 EXT		0.166	1.1	7.44	11	540	1.3	8	3.49	1.3	16	36	3860	4.62	2.03	2.42	863	97	1.34	45	1430	14	2.7	7	264	0.43	162	16	134	16
JM RC-20-05	114	116	104283 EXT		0.073	0.5	6.95	9	500	1.2	11	3.75	1.9	13	78	948	4.67	1.34	2.76	932	27	1.5	49	2270	16	2.61	9	216	0.68	150	16	85	16
JM RC-20-05	116	118	104284 EXT		0.087	0.5	6.84	5	488	1	8	3.66	1.1	14	57	1365	3.93	0.87	2.08	800	48	1.4	43	1010	15	2.61	7	280	0.38	100	16	98	16
JM RC-20-05	118	120	104285 EXT		0.109	0.6	6.62	5	490	1.2	4	2.61	1.2	12	23	1975	3.23	1.53	1.54	758	56	1.78	19	670	30	2.98	5	209	0.3	91	16	116	16
JM RC-20-05	120	122	104286 EXT		0.124	0.5	6.91	9	500	1.2	4	2.75	0.9	16	24	1388	3.41	1.62	1.7	782	49	1.61	18	830	23	3.25	6	244	0.22	108	16	116	16
JM RC-20-05	122	124	104287 EXT		0.088	0.7	6.98	8	540	1.3	5	3.41	1.2	13	51	1335	4.17	0.86	2.19	728	73	1.47	31	1460	12	2.8	8	218	0.39	182	16	101	16
JM RC-20-05	124	126	104288 ORG		0.116	0.6	6	7	248	1.4	9	4.61	1.4	36	98	1618	5.38	0.71	3.33	778	66	0.64	63	2480	16	3.48	5	248	0.54	150	16	87	16
JM RC-20-05	126	128	104290 EXT		0.123	0.8	7.29	5	598	1.3	5	4.42	1.2	14	71	1918	3.71	1.16	2.47	561	164	1.84	59	1630	19	3.58	5	282	0.38	138	16	87	16
JM RC-20-05	128	130	104291 EXT		0.104	0.7	6.68	6	580	1.3	7	3.34	1.2	11	33	2380	3.38	1.34	1.94	648	311	1.68	22	995	13	2.74	5	241	0.28	128	16	121	16
JM RC-20-05	130	132	104292 EXT		0.209	0.9	6.88	10	580	1.4	7	4.8	1	23	83	2870	4.37	1.76	2.58	818	72	0.53	47	2070	7	3.05	6	341	0.47	136	16	64	16
JM RC-20-05	132	134	104293 EXT		0.104	0.5	6.94	5	490	1.2	15	4.1	1.4	9	99	1368	4.41	1.16	2.87	791	27	1.84	58	1660	14	2.91	7	258	0.56	136	16	88	16
JM RC-20-05	134	136	104294 EXT		0.139	0.7	6.69	6	560	1.2	6	4.03	1.2	12	86	2040	3.67	1.07	2.69	988	112	1.22	33	1440	11	2.67	6	282	0.4	126	16	85	16
JM RC-20-05	136	138	104295 EXT		0.139	0.8	6.28	6	540	1.2	6	3.46	0.8	13	48	2230	2.95	1.29	1.94	572	150	0.76	33	870	8	3.09	6	216	0.35	76	16	82	16
JM RC-20-05	138	140	104296 EXT		0.153	0.5	6.17	6	560	1.3	6	3.91	1.4	20	52	2520	3.58	1.58	2.38	739	88	0.54	56	1040	10	3.29	6	172	0.38	144	16	102	16
JM RC-20-05	140	142	104297 EXT		0.134	0.6	7.02	10	580	1.3	7	4.19	1.6	15	50	2360	4.28	1.37	2.52	901	71	1.98	38	1280	20	3.24	6	219	0.4	138	16	124	16
JM RC-20-05	142	144	104298 EXT		0.132	0.6	6.25	9	540	1.1	12	4.06	1.1	13	79	1745	4.01	1.14	2.52	629	128	1.24	44	1430	139	2.92	5	271	0.8	128	16	147	20
JM RC-20-05	144	146	104299 EXT		0.137	0.7	7.19	13	580	1.4	11	4.03	1.4	16	82	2540	4.57	1.1	2.88	643	85	0.58	54	2320	11	2.87	6	248	0.61	152	16	126	16
JM RC-20-05	146	148	104300 EXT		0.1	0.5	6.62	5	570	1.2	10	3.77	1.2	15	78	1806	4.31	0.88	2.58	784	65	0.95	41	2210	10	2.52	5	269	0.61	111	16	121	16
JM RC-20-05	148	150	104301 EXT		0.111	0.8

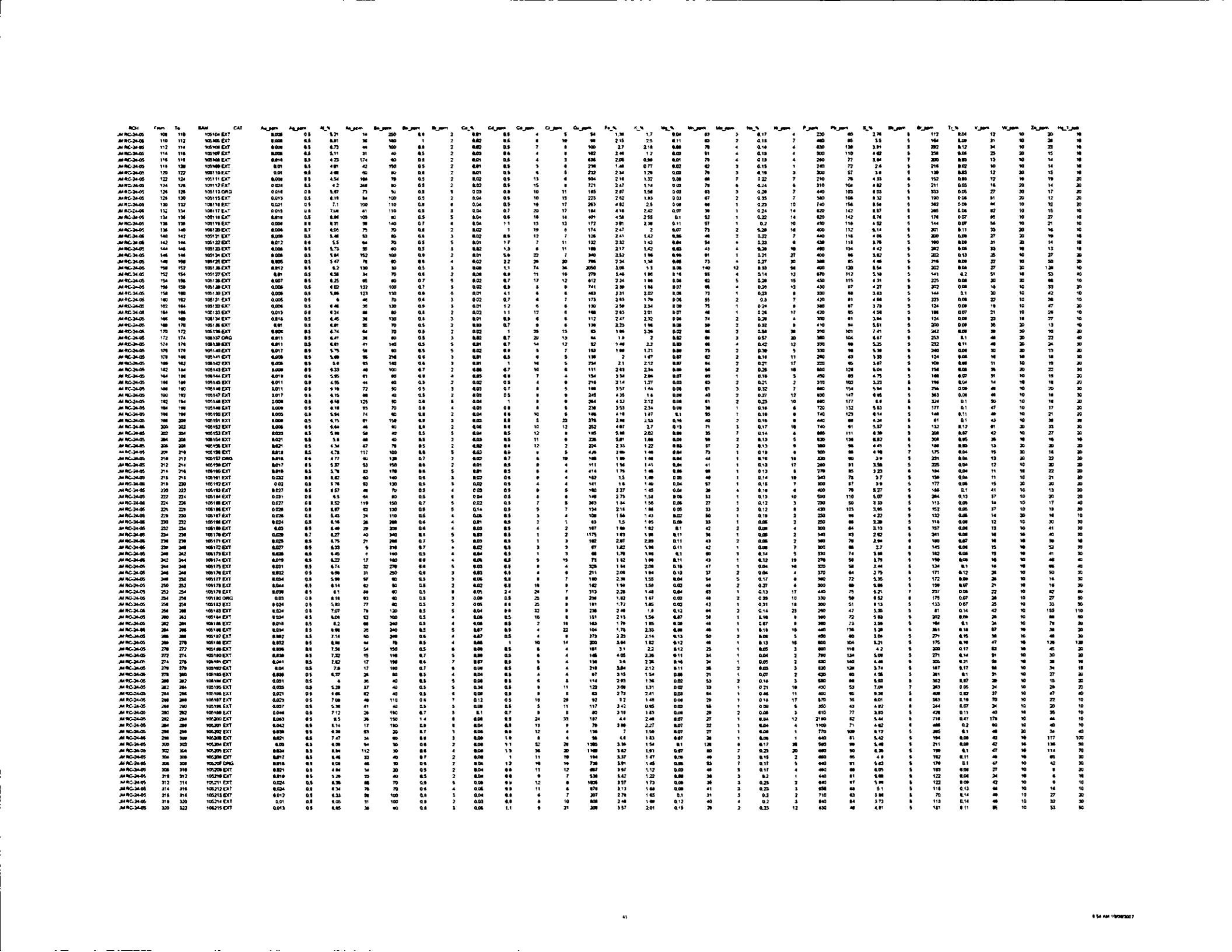
RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-20-05	178	179	104318 EXT		0.186	0.6	4.65	5	430	1.4	9	3.08	1	15	16	2580	3.59	1.13	1.68	806	64	0.04	12	660	11	2.76	9	136	0.28	127	10	91	10
JM RC-20-05	179	180	104317 EXT		0.268	2.4	7.86	12	620	2.1	9	1.25	1.9	17	10	3770	4.44	2.09	1.16	2060	199	0.27	10	1560	82	1.34	14	96	0.25	112	10	222	10
JM RC-20-05	180	182	104316 EXT		0.206	1.6	7.99	13	730	2	9	0.88	4.1	20	41	3650	4.36	2.19	1.58	1135	160	0.34	26	910	136	0.82	15	33	0.22	130	10	366	10
JM RC-20-05	182	184	104318 EXT		0.149	2	7.27	12	670	1.5	8	0.54	1.1	16	26	2780	4.05	2.43	1.04	1295	102	0.83	16	950	21	0.36	12	37	0.2	122	10	228	10
JM RC-20-05	184	186	104320 EXT		0.274	2	8.73	11	760	1.6	5	0.71	1.4	20	24	4300	5.54	2.86	2.05	1830	138	1.28	20	1080	29	0.6	15	50	0.22	142	10	317	10
JM RC-20-05	186	188	104321 EXT		0.202	1.6	8.47	9	740	1.9	8	0.56	4.3	18	24	3580	5.37	3.21	1.42	1640	78	0.44	15	1080	116	0.68	14	56	0.21	136	10	484	10
JM RC-20-05	188	190	104322 EXT		0.193	1.5	8.09	10	720	2.2	7	0.42	2.5	17	25	3110	5.06	3.04	1.33	1565	61	0.54	16	1040	41	0.57	23	34	0.25	141	10	365	10
JM RC-20-05	190	192	104323 EXT		0.304	1.6	7.43	12	700	2	5	0.52	3.1	17	27	3980	4.94	2.94	1.7	1745	96	0.52	15	900	126	0.63	29	25	0.22	126	10	491	10
JM RC-20-05	192	194	104324 EXT		0.203	1.2	6.88	14	670	1.8	5	0.64	1.7	16	27	3840	5.12	2.93	2.08	1360	116	1.3	16	1070	38	0.61	16	56	0.27	146	10	316	10
JM RC-20-05	194	196	104325 EXT		0.186	0.7	7.38	13	520	1.5	9	0.47	1	16	16	2310	4.5	2.14	1.95	942	147	1.4	14	1040	16	0.38	12	47	0.3	142	10	235	10
JM RC-20-05	196	198	104326 EXT		0.186	0.9	8.66	16	540	1.7	5	0.79	1.5	14	26	3280	4.19	2.61	1.6	756	121	1.4	18	940	41	0.72	21	56	0.24	144	10	162	10
JM RC-20-05	198	200	104327 EXT		0.155	1.1	8.94	11	910	1.2	4	2.57	1.3	12	32	2650	4	1.99	1.74	774	178	1.42	10	1000	17	1.84	11	195	0.27	129	10	91	10
JM RC-20-05	200	202	104328 EXT		0.186	1.1	6.79	6	570	1.3	6	2.52	1.9	12	22	3140	3.83	2.18	1.72	677	93	0.67	12	910	25	1.83	13	199	0.25	112	10	114	10
JM RC-20-05	202	204	104329 ORG		0.114	0.9	7.47	14	530	1.4	9	3.07	1.3	12	28	2560	3.75	1.9	1.64	735	66	1.16	12	900	20	1.84	14	256	0.34	133	10	94	10
JM RC-20-05	204	206	104337 EXT		0.122	0.6	6.12	15	610	1.4	9	3.45	1.4	13	27	2670	4.29	2.15	1.98	722	79	2.23	14	1010	28	2.34	12	286	0.36	151	10	110	10
JM RC-20-05	206	208	104332 EXT		0.134	0.8	6.37	13	650	1.6	9	1.44	1.2	13	27	2860	3.95	2.48	1.98	814	132	1.82	16	1040	12	0.91	18	124	0.3	142	10	106	10
JM RC-20-05	208	210	104333 EXT		0.174	1	5.91	16	740	2	6	0.83	1.4	15	34	4150	5.58	3.19	1.67	1630	344	0.29	13	880	26	0.73	14	54	0.23	112	10	126	10
JM RC-20-05	210	212	104334 EXT		0.162	1.6	7.28	11	750	1.7	6	1.46	2.3	13	22	3630	3.43	2.04	1.62	1375	142	0.39	16	950	74	1.37	16	95	0.21	107	10	261	10
JM RC-20-05	212	214	104335 EXT		0.16	2	7.62	12	540	1.7	6	0.94	2.1	12	23	3460	3.73	2.04	2.12	1520	148	0.73	14	900	162	0.66	11	74	0.22	112	10	308	10
JM RC-20-05	214	216	104336 EXT		0.316	2.1	8.91	20	530	1.8	3	1.16	1.6	14	36	6360	3.65	3.71	1.73	1130	250	0.26	14	960	36	1.73	13	41	0.32	126	10	204	10
JM RC-20-05	216	218	104337 EXT		0.254	1.3	7.22	13	460	1.7	5	0.92	1.9	12	29	4340	3.44	2.98	2	1050	122	0.56	13	830	40	0.82	12	54	0.25	127	10	116	10
JM RC-20-05	218	220	104338 EXT		0.305	1.4	7.56	10	630	1.7	4	0.65	3.1	14	32	3800	3.48	2.84	1.98	891	111	0.78	15	940	542	0.58	12	52	0.16	120	10	336	10
JM RC-20-05	220	222	104339 EXT		0.18	2.1	7.58	7	958	1.7	4	0.66	1.7	15	22	5580	3.64	2.78	1.64	842	307	0.82	12	930	51	0.63	8	64	0.2	118	10	176	10
JM RC-20-05	222	224	104340 EXT		0.226	1.1	7.58	10	620	1.7	5	0.66	1.1	17	26	4040	3.95	3.06	1.9	888	74	0.97	15	970	10	0.77	9	67	0.28	138	10	125	10
JM RC-20-05	224	226	104341 EXT		0.388	1.6	7.11	6	760	1.5	6	2.06	1.4	15	24	4520	4.83	2.97	1.87	1615	123	0.64	14	830	16	1.72	8	153	0.3	118	10	154	10
JM RC-20-05	226	228	104342 EXT		0.288	1.4	7.63	8	540	1.4	7	2.79	1.2	12	27	4360	3.78	2.73	1.65	942	128	1.4	15	940	14	2.28	15	166	0.32	132	10	141	10
JM RC-20-05	228	230	104343 EXT		0.199	1.5	7.21	11	660	1.4	7	2.84	1.3	13	25	3980	3.54	2.43	1.62	1058	140	1.34	13	840	34	2.37	15	173	0.29	111	10	160	10
JM RC-20-05	230	232	104344 EXT		0.24	1.5	7.04	11	648	1.6	5	1.72	1.3	13	22	4880	3.2	2.58	2.11	1050	296	0.36	15	840	41	1.42	10	154	0.25	108	10	150	10
JM RC-20-05	232	234	104345 EXT		0.192	0.8	6.62	9	620	1.4	2	2.79	1.4	11	19	3770	2.8	2.67	1.72	708	135	0.36	8	710	28	3.33	9	227	0.2	89	10	98	10
JM RC-20-05	234	236	104346 EXT		0.166	0.8	7.32	5	660	1.4	4	2.34	1.2	13	20	3180	3.14	2.64	1.84	888	269	1.73	13	970	28	1.8	7	206	0.28	114	10	114	10
JM RC-20-05	236	238	104347 EXT		0.171	1.1	7.09	9	640	1.2	6	2.16	1.9	11	23	3280	3.51	2.25	1.66	1040	132	1.64	10	810	29	1.46	12	178	0.29	113	10	146	10
JM RC-20-05	238	240	104348 EXT		0.206	0.8	7.77	9	610	1.4	6	2.21	1.1	10	26	3450	3.66	2.23	1.66	975	118	2.27	14	1000	23	1.45	7	166	0.34	134	10	152	10
JM RC-20-05	240	242	104349 EXT		0.139	0.6	7.37	11	570	1.4	6	1.82	1	12	27	2540	3.49	2.32	1.78	775	72	1.66	14	930	16	1.13	8	229	0.34	132	10	110	10
JM RC-20-05	242	244	104350 EXT		0.173	0.8	6.67	9	530	1.2	7	2.99	1.2	14	28	2710	4.16	1.99	1.98	754	302	2.01	17	870	25	2.08	7	205	0.37	142	10	156	10
JM RC-20-05	244	246	104351 EXT		0.182	1	6.52	7	570	1.3	5	2.27	0.8	11	29	2310	3.44	2.18	1.66	858	100	1.98	14	840	19	1.41	9	160	0.33	124	10	105	10
JM RC-20-05	246	248	104352 EXT		0.256	1.2	6.98	12	560	1.4	8	2.67	1.5	14	29	5330	3.84	2.1	1.78	747	120	2.55	15	900	29	1.8	5	206	0.36	126	10	122	10
JM RC-20-05	248	250	104353 EXT		0.241	1.8	7.15	11	660	1.2	7	3.14	1.2	14	24	3660	3.95	2.12	1.67	880	176	2.16	18	830	22	2.34	9	210	0.32	122	10	108	10
JM RC-20-05	250	252	104354 EXT		0.317	1.7	6.69	16	480	1.5	5	1.63	1.1	11	21	5200	3.14	2.28	1.57	788	342	1.54	16	790	14	2.84	7	247	0.24	114	10	107	10
JM RC-20-05	252	254	104355 EXT		0.205	1.3	6.98	6	660	1.2	5	3.87	1	11	21	3210	3.9	2.08	1.62	844	111	1.64	15	770	16	2.67	7	217	0.28	128	10	83	10
JM RC-20-05	254	256	104356 ORG		0.231	1.3	7.95	6	680	1.3	9	3.57	1.1	10	23	3260	3.88	2.66	1.74	718	77	2.03	15	870	16	3.09	9	203	0.28	128	10	88	10
JM RC-20-05	256	258	104357 EXT		0.28	1.1	7.11	7	620	1.4	7	3.39	1.2	8	22	3400	2.97	2.34	1.54	758	143	1.79	13	780	16	2.84	8	190	0.27	129	10	107	10
JM RC-20-05	258	260	104358 EXT		0.256	1.5	7.88	10	670	1.5	7	3.36	1.1	11	32	3250	3.67	2.69	1.71	884	128	1.82	25	780	16	2.66	8	215	0.34	136	10	107	10
JM RC-20-05	260	262	104359 EXT		0.238	1.3	6.9	9	610	1.3	9	3.02	1	10	21	3560	2.66	2.29	1.52	775	168	1.5	15	770	20	2.63	5	190	0.25	112	10	130	10
JM RC-20-05	262	264	104360 EXT		0.299	1.5	6.49	17	660	1.5	8	3.19	1	7	19	4360	2.46	2.61	1.3	738	188	1.24	12	740	13	2.91	6	249	0.24	106	10	122	10
JM RC-20-05	264	266	104362 EXT		0.206	0.6	6.49	11	645	1.3	4	2.76	1	8	27	2650	2.76	1.98	1.52	694	116	1.61	39	780	18	2.21	7	168	0.25	110	10	91	10
JM RC-20-05	266	268	104363 EXT		0.178	1.4	6.82	12	548	1.4	4	3	1.2	7	29	3130	2.82	2.83	1.64	1125	134	1.5	13	780	25	2.47	12	163	0.29	115	10	172	10
JM RC-20-05	268	270	104364 EXT		0.2	1.1	6.95	9	670	1.8	5	3.36	1.1	11	26	3080	3.8	2.12	1.66	918	111	1.8	16	830	26	2.56	10	241	0.26	133	10	152	10
JM RC-20-05	270	272	104365 EXT		0.416	1.8	5.99	7	740	1.1	5	5.79	2.3	9	14	7770	3.07	2.89	1.2	879	148	0.77	12	740	91	5.79	6	305	0.21	91	10	398	10
JM RC-20-05	272	274	104366 EXT		0.483	1.5	7.1	6	650	1.5	5	3.79	1.1	11	24	3870	3.79	2.65	1.62	1035	77	1.5	14	760	77	2.8	19	148	0.26	126	10	137	146
JM RC-20-05	274	276	104367 EXT		0.347	1.7	6.91	8	610	1.2	3	3.45	1.6	10	23	3270	3.5	2.31	1.66	1110	138	1.52	15	750	33	2.86	19	179	0.26	116	10	200	10
JM RC-20-05	276	278	104368 EXT		0.272	1.6	6.44	16	660	1.4	5	3.22	1	9	23	3890	3.54	3.2	1.53	1080	78	0.56	16	790	250	3.22	16	166	0.27	132	10	414	10
JM RC-20-05	278	280	104369 EXT		0.393	0.9	6.58	7	650	1.1	7	3.52	1.2	10	24	3550	3.57	2.49	1.8	737	122	1.74	14	780	30	2.82	7	246	0.3	136	10	116	10
JM RC-20-05	280	282	104370 EXT		0.202	1.8	7.11	11	670	1.3	5	3.27	1.1	9	25	2560	3.39	2.33	1.74	942	68	1.94	17	840	26	2.28	11	229	0.31	137	10	144	10
JM RC-20-05	282	284	104371 EXT		0.125	1.3	6.74	6	680	1.3	5	3.11	1	7	7	2580	3.12	2.79	1.38	720	68	1.63	7	880	17	2.63	11	347	0.34	116	10	96	10
JM RC-20-05	284	286	104372 EXT		0.216	2.1	8.62	10	860	1.4	6	2.99	0.8	6	19	3260	3.43	2.51	1.56	1325	79	1.16	11	810	45	3.13	9	195	0.27	118	10	438	10
JM RC-20-05	286	288	104373 EXT		0.172	1.8	7.28	12	680	1.6	6	3.12	1.4	8	33	3980	3.51	2.45	1.88	1585	170	1.35	16	850	84	2.87	12	178	0.29	139	10	200	10
JM RC-20-05	288	290	104374 EXT		0.182	1.6	8.68	9	640	1.4	5	2.79	1.1	8	30	2660	3.65	2.4	1.57	1130	131	1.05	14	790	32	2.66	10	167	0.31	116	10	146	10
JM RC-20-05	290	292	104375 EXT		0.22	1.2	6.66	8	580	1.2	3	3.09	0.9	10	21	3100	3.17	2.3	1.54	779	74	1.44	16	820	17	2.57	6	162	0.27	124	10	112	10
JM RC-20-05	292	294	104376 EXT		0.256	1.4	8.76	7	680	1.4	8	3.41	1.1	10	22	3600	2.77	2.8	1.64	834	111	1.38	14	810	19	2.9	9	206	0.25	116	10	118	10
JM RC-20-05	294	296	104377 ORG		0.213	1.3	7.73	16	620	1.6	8	3.23	1.2	10	25	4200	3.16	2.91	1.64	825	78	1.76	14	840	21	2.8	6	218	0.3	134	10	116	10
JM RC-20-05	296	298	104378 EXT		0.213	1.6	7.28	10	550	1.5	4	3.24	2.7	11	25	3950	3.39	2.86	1.44	1115	104	1.46	17	880	25	2.82	11	184	0.32	140	10	218	10
JM RC-20-05	298	300	104380 EXT		0.288	1.7	6.79	10	580	1.5	5	3.91	1.2	10	28	4080	3.86	2.98	1.9	988	154	1.08	20	750	14	3.4	9	201	0.3	142	10	84	10
JM RC-20-05	300	302	104381 EXT		0.279	1.6	5.95	65	440	1.3	6	2.88	1.8	8	24	4190	2.4	2.33	1.38	665	142	0.78	14	610	19	3.75	21	164	0.23	82	10	158	20
JM RC-20-05	302	304	104382 EXT		0.213	1.3	6.72	16	440	1.3	5	3.51	1.2	8	32	3240	2.62	2.4	1.76	989	158	1.56	16	780	28	3.66	11	198	0.27	120	10	156	10
JM RC-20-05	304	306	104383 EXT		0.178	1.2	6.79	16	680	1.3	4	3.14	4.4	8	29	3360	3.24	2.14	1.66	1123	91	1.62	16	780	25	2.47	10	227	0.26	116	10	106	10
JM RC-20-05	306	308	104384 EXT		0.159	1.4	7.79	9	660	1.4	6	3.87	1.8	9	30	2960	3.44	2.39	1.95	1295	78	2	10	870	91	3.06	15	258	0.34	144	10	390	10
JM RC-20-05	308	310	104385 EXT		0.151	1.1	7.29	12	640	1.4	8	3.39	3.3	9	23	2840	3.35	3.26	1.64	1261	126	1.16	14	850	39	2.79	15	179	0.3	131	10	446	10
JM RC-20-05	310	312	104386 EXT		0.448	3.6	9.3	42	1230	1.5	9	1.63	1.7	13	21	1985	5.83	2.6	0.56	630	92	0.11	14	730	72	7.43	21	73	0.17	86	10	256	10
JM RC-20-05	312	314	104387 EXT		0.162	1.1	8.73	18	950	1.3	5	3.11	1	6	21	2550	3.69	3.07	1.47	930	99	1.14	13	780	22	2.49	15	162	0.39	116	10	130	10
JM RC-20-05	314	316	104388 EXT		0.198	1.6	6.98	13	580	1.3	3	3.58	1.2	7	24	2470	2.98	2.54	1.56	758	69	1.86	13	760	29	2.25	14	248	0.35	121	10	91	10
JM RC-20-05	316	318	104389 EXT		0.179	1.9	7.91	7	988	1.4	4	3.41	1.2	10	24	3230	3.52	2.21	1.69	709	113	1.96	19	760	22	2.08	15	247	0.36	136	10	120	10
JM RC-20-05	318	320	104390 EXT		0.208	1.2	9.65	15	540	1.4	5	2.79	1.1	9	24	3140	2.87	2.21	1.83	706	42	1.34	13	900	25	1.62	14	180	0.33	134	10	129	10
JM RC-20-05	320	322	104391 EXT		0.234	1	6.93	13	410	1.2	6	3.18	1.2	10	27	2890	3.38	1.66	1.72	784	99	2.67	14	780	43	2.17	16	214	0.33	108	10	106	10
JM RC-20-05	322	324	104392 EXT		0.224	1.3	6.95	9	630	1.3	6	3.11	1.2	12	29	2750	3.83	2.97	1.66	937	57	2.38	16	780	18	1.64	16	245	0.36	130	10	114	10
JM RC-20-05	324	326	104393 EXT		0.213	1.1	7.38	7	640	1.2	4	3.48	1	14	31	2690	3.63	3.3	1.66	815	50	2.28	18	780	15	1.86	6	206	0.38	152	10	165	10
JM RC-20-05	326	328	104394 EXT		0.295	1.3	6.71	8	610	1.2	5	3.07	1.1	8	22	3260	2.86	1.96	1.46	887	116	1.7	14	840	17	2.22	5	237	0.29	108	10	88	10
JM RC-20-05	328	330	104395 EXT		0.254	1.2	7.48	8	688	1.3	7	3.51	1.2	11	31	3140	3.79	2.36	1.66	827	56	2.84	19	870	17	2.13	8	291	0.42	158	10	116	10
JM RC-20-05	330	332	104396 EXT		0.172	0.8	7.91	14	660	0.8	9	5.44	1.3	10	86	1910	4.7	2.24	3.06	917	57	1.87	46	1140	16	1.98	12	263	0.56	147	10	124	10
JM RC-20-05	332	334	104397 EXT		0.215	1.2	9.67	13	880	1.1	5	3.94	1.2	12	42	2360	3.48	1.9	2.16	585	67	2.11	29	880	14	2.16	9	325	0.44	148	10	83	10
JM RC-20-05	334	336	104398 EXT		0.256	1.7	7.37	10	634	1.2	4	4.08	1.3	10	32	3200	3.71	1.96	2	808	49	2.19	14	1050	16	2.36	15	326	0.44	158	10	83	10
JM RC-20-05	336	338	104399 EXT		0.192	1	7.43	12	650	1.3	5	3.85	1.5	9	38	2650	3.59	1.91	1.81	801	56	2.24	16	900	15	2.25	10	300	0.39	138	10	83	10
JM RC-20-05	338	340	104400 EXT		0.134	0.8	7.17	15	450	1.2	6	3.36	1.1	11	28	2050	4.02	1.77	1.76	586	37	2.06	17	810	17	1.91	11	272	0.37	146	10	101	10
JM RC-20-05	340	342	104401 EXT		0.178	1	7.1	30	650	1.3	7	3.81	1.1	8	25	2600	3.36	2.12	1.75	998	101	1.84	14	850	21	2.43	12	255	0.35	130	10	106	10
JM RC-20-05	342	344	104402 ORG		0.168	0.9	7.18	16	370	1.3	5	3.78	1	10	28	2240	3.66	2.08	1.64	717	69	1.56	19	840	19	2.27	10	291	0.39	151	10	118	10
JM RC-20-05	344	346	104404 EXT		0.165	0.8	7.91	21	330	1.5	5	3.49	1.3	11	28	2260	4.24	1.74	1.86	783	45	1.88	18	880	27	2.05	11	222	0.38	148	10	128	10
JM RC-20-05	346	348	104405 EXT		0.191	1.3	6.88	14	640	1.3	5	3.57	1.1	10	34	2840	3.26	2.03	1.66	948	110	1.96	16	930	16	2.32	11	280	0.33	124	10	107	10
JM RC-20-05	348	350	104406 EXT		0.218	1.2	7.27	11	610	1.5	6	3.77	1.2	8	27	3570	3.4	2.18	1.6	740	107	2.13	17	760	21	2.36	8	274	0.36	132	10	126	10
JM RC-21-05	0	2	104407 EXT		0.148	0.8	7.93	6	650	0.6	2	0.27	0.6	1	7	240	2.27	3.08	0.25	66	14	0.08	3	800	47	0.75	9	429	0.15	82	10	28	10
JM RC-21-05	2	4	104408 EXT		0.121	0.8	5.13	12	620	0.7	2	0.13	0.7	1	4	114	3.32	2.92	0.7	25	27	0.17	1	660	24	0.73	11	536	0.15	76	10	10	10
JM RC-21-05	4	6	104409 EXT		0.126	0.5	7.37	13	910	0.5	3	0.1	0.7	1	12	83	2.78	3.67	0.15	21	66	0.15	2	740	21	0.66	7	418	0.16	78	10	9	10
JM RC-21-05	6	8	104410 EXT		0.147	0.5	7.88	9	540	0.5	3	0.12	0.5	1	7	62	2.67	2.78	0.18	25	29	0.15	2	780	22	0.69	7	448	0.11	71	10	11	10
JM RC-21-05	8	10	104411 EXT		0.267	0.8	7.91	8	660	0.5	2	0.1	0.7	1	10	77	2.68	2.63	0.17	29	38	0.18	3	910	29	0.55	10	529	0.15	82	10	11	20
JM RC-21-05	10	12	104412 ORG		0.324	0.8	8.14	12	340	0.5	3	0.09	0.5	1

BCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-21-06	40	42	104429	EXT	0.251	0.7	7.43	7	548	0.7	2	6.07	0.6	16	6	1156	3.91	3.13	0.17	66	33	0.13	5	959	23	2.35	10	588	0.12	60	16	15	20
JM RC-21-06	42	44	104430	EXT	0.43	1.1	7.14	16	395	0.7	4	6.07	0.9	17	5	7180	3.63	2.96	0.36	39	33	0.11	9	930	18	4.65	7	553	0.1	58	14	29	30
JM RC-21-06	44	46	104431	EXT	0.361	1.4	6.69	10	238	0.6	3	6.07	1	9	39	7579	4.87	2.56	0.31	58	37	0.1	31	780	19	4.49	10	484	0.11	54	14	24	30
JM RC-21-06	46	48	104432	EXT	0.374	1.1	6.92	9	530	0.6	4	6.07	0.9	11	1	7910	5.48	2.99	0.46	50	32	0.14	7	767	18	2.91	9	595	0.15	66	16	41	30
JM RC-21-06	48	50	104433	EXT	0.309	1.1	6.28	9	886	1	2	6.04	1	9	2	7270	2.52	2.76	0.59	96	31	0.13	16	740	23	1.46	6	425	0.14	63	16	62	10
JM RC-21-06	50	52	104434	EXT	0.274	1.2	7.61	9	630	0.8	4	6.08	0.7	9	4	4560	2.99	2.78	0.45	65	36	0.14	10	800	18	2.57	6	475	0.14	62	16	43	10
JM RC-21-06	52	54	104435	EXT	0.464	1.3	7.27	16	930	0.8	5	6.07	0.8	14	1	5730	3.23	2.9	0.39	55	40	0.12	7	940	25	3.67	6	598	0.14	78	16	76	10
JM RC-21-06	54	56	104436	EXT	0.452	1.2	7.04	10	1180	1	5	6.08	0.8	12	14	5180	5.68	2.53	0.27	51	666	0.1	6	1130	14	6.95	5	615	0.12	51	16	34	10
JM RC-21-06	56	58	104437	EXT	0.441	1.8	7.21	9	760	0.8	5	6.08	0.9	17	23	7780	5.74	2.79	0.34	64	613	0.09	16	918	22	8.48	5	516	0.16	91	16	34	10
JM RC-21-06	58	60	104438	EXT	0.497	1.3	7.21	9	350	0.7	5	6.07	1	13	17	7480	3.67	2.61	0.36	60	108	0.1	14	1030	23	2.56	10	677	0.21	80	16	61	10
JM RC-21-06	60	62	104439	EXT	0.522	1.6	6.52	5	350	0.6	2	6.08	1	11	5	7580	4.55	2.48	0.23	60	713	0.08	9	950	16	4.56	6	511	0.13	54	16	29	10
JM RC-21-06	62	64	104440	EXT	0.445	1.6	7.56	7	280	0.6	3	6.07	1	23	5	7120	5.18	3.19	0.39	53	41	0.1	10	991	24	4.62	7	577	0.15	67	16	34	10
JM RC-21-06	64	66	104441	EXT	0.353	1.1	7.79	9	660	0.9	2	6.08	1	9	5	5830	2.99	2.72	0.36	76	27	0.11	12	978	24	2.23	5	356	0.16	72	16	46	10
JM RC-21-06	66	68	104442	EXT	0.328	1.2	6.78	5	636	0.6	3	6.06	0.6	14	14	4970	3.36	2.58	0.32	51	22	0.09	14	843	21	2.61	6	481	0.15	57	16	36	10
JM RC-21-06	68	70	104443	ORG	0.408	1.1	7.12	7	310	0.6	4	6.05	0.9	11	9	5790	2.57	2.31	0.32	54	14	0.08	14	720	17	1.74	9	418	0.19	60	16	36	10
JM RC-21-06	70	72	104445	EXT	0.469	1.2	7.32	7	380	0.9	4	6.06	0.9	9	11	7980	3.64	2.19	0.41	63	26	0.1	19	742	19	2.61	19	413	0.16	72	16	50	10
JM RC-21-06	72	74	104446	EXT	0.364	0.9	7.2	11	500	0.7	5	6.08	0.8	13	3	7650	3.72	2.49	0.48	65	41	0.12	11	700	23	3.54	6	356	0.13	68	16	61	20
JM RC-21-06	74	76	104447	EXT	0.261	0.7	7.38	5	380	0.7	5	6.06	0.9	13	4	6750	4.44	3.13	0.35	51	23	0.14	6	885	25	4.66	6	538	0.13	73	16	43	10
JM RC-21-06	76	78	104448	EXT	0.373	1.5	5.38	7	180	0.5	3	5.93	0.8	14	1	10400	4.57	2.38	0.17	51	22	0.1	7	376	22	5.45	6	153	0.07	38	16	40	10
JM RC-21-06	78	80	104449	EXT	0.575	1.8	5.93	8	340	0.5	3	6.03	1	11	12	8860	4.12	2.34	0.24	72	43	0.1	11	468	28	4.14	7	213	0.06	33	16	42	10
JM RC-21-06	80	82	104450	EXT	0.586	1.6	5.72	8	330	0.5	3	6.04	1	14	6	5440	3.68	1.91	0.35	79	26	0.09	9	418	18	3.64	7	186	0.06	32	16	56	10
JM RC-21-06	82	84	104451	EXT	0.564	1.8	6.34	7	410	0.7	4	6.04	0.9	15	5	4230	3.25	1.91	0.39	67	21	0.09	10	440	22	3.91	6	222	0.1	46	16	78	10
JM RC-21-06	84	86	104452	EXT	0.356	2.5	6.95	9	400	0.7	4	6.06	0.7	5	14	3040	2.49	2.02	0.54	62	28	0.1	14	559	17	1.06	8	323	0.14	48	16	76	10
JM RC-21-06	86	88	104453	EXT	0.351	1.5	7.08	8	470	0.7	4	6.05	0.8	5	2	3260	3.67	2.11	0.34	82	14	0.12	18	830	18	1.87	8	405	0.13	62	16	62	10
JM RC-21-06	88	90	104454	EXT	0.351	1	7.39	11	540	0.8	5	6.06	0.8	4	2	4840	2.99	2.19	0.34	90	20	0.13	9	750	21	1.82	9	478	0.14	56	16	46	10
JM RC-21-06	90	92	104455	EXT	0.325	1	7.53	5	530	0.8	4	6.1	0.9	7	2	4810	2.82	2.45	0.37	73	21	0.15	7	740	18	1.99	10	505	0.14	56	16	68	10
JM RC-21-06	92	94	104458	EXT	0.321	1	7.25	5	510	0.8	5	6.06	0.8	8	3	5470	2.99	2.38	0.35	57	18	0.14	6	730	36	1.91	10	458	0.14	55	16	66	10
JM RC-21-06	94	96	104457	EXT	0.19	1	5.18	5	140	0.5	4	6.05	0.7	4	2	8770	3.8	2.19	0.14	47	27	0.1	5	640	19	4.66	7	348	0.09	42	16	35	20
JM RC-21-06	96	98	104454	EXT	0.239	1.2	6.44	5	390	0.6	5	6.07	0.9	10	2	7960	4.54	2.58	0.22	56	49	0.13	10	690	24	4.41	7	507	0.13	49	16	45	10
JM RC-21-06	98	100	104459	EXT	0.14	0.6	6.79	164	190	0.5	5	6.07	0.7	7	1	6360	4.03	2.48	0.28	44	34	0.12	5	835	66	6.65	18	523	0.11	54	16	48	50
JM RC-21-06	100	102	104460	EXT	0.399	1.3	7.42	39	330	0.9	15	6.06	1.2	10	5	10400	3.46	2.58	0.2	38	46	0.14	8	760	63	4.41	14	278	0.14	61	16	36	20
JM RC-21-06	102	104	104461	EXT	0.695	1.3	8.87	10	290	1	4	6.09	1	20	4	4630	4.46	2.47	0.26	45	28	0.1	7	1020	63	5.14	9	145	0.12	58	16	34	10
JM RC-21-06	104	106	104462	EXT	0.483	1.4	6.68	8	370	0.8	6	6.1	2.4	16	4	3080	4.01	2.48	0.43	54	29	0.11	8	1000	67	3.56	7	162	0.13	53	16	46	10
JM RC-21-06	106	108	104463	EXT	0.636	1.6	6.97	9	180	1.2	9	6.15	1.2	16	3	4030	5.06	2.74	0.25	51	35	0.09	10	1640	67	6.03	9	208	0.09	60	16	46	10
JM RC-21-06	108	110	104464	EXT	0.758	1.5	6.91	5	400	0.8	9	6.07	0.9	22	4	7420	5.68	2.5	0.26	47	36	0.09	12	870	47	2.46	7	117	0.19	95	16	46	10
JM RC-21-06	110	112	104465	EXT	0.354	0.6	8.07	5	350	0.7	6	6.1	0.8	16	11	2930	2.39	2.41	0.3	93	35	0.24	18	830	56	2.7	10	136	0.24	65	16	34	10
JM RC-21-06	112	114	104466	ORG	0.312	0.9	7.84	6	260	0.6	3	6.1	0.9	17	9	2370	3.85	2.17	0.2	93	33	0.19	17	680	73	4.74	7	184	0.19	81	16	21	10
JM RC-21-06	114	116	104468	EXT	0.52	1.7	8.78	81	130	0.6	3	6.08	1.1	17	7	1470	4.66	2.24	0.08	42	24	0.21	12	740	139	6.66	10	166	0.06	68	16	18	20
JM RC-21-06	116	118	104469	EXT	0.526	2.4	5.91	82	140	0.5	3	6.05	1.1	9	4	4850	3.83	1.82	0.07	43	22	0.1	7	540	74	5.18	5	111	0.05	37	16	13	20
JM RC-21-06	118	120	104470	EXT	0.474	2.4	5.75	98	120	0.6	4	6.06	1.4	10	1	8630	5.87	1.72	0.04	34	29	0.12	5	490	99	5.5	5	116	0.03	34	16	20	30
JM RC-21-06	120	122	104471	EXT	0.356	2.9	4.97	45	150	0.5	2	6.06	1.2	11	2	3980	4.77	1.72	0.07	42	34	0.12	5	580	83	6.47	6	112	0.03	29	16	11	30
JM RC-21-06	122	124	104472	EXT	0.38	1.6	6.21	46	140	0.5	3	6.05	1	15	3	3810	4.79	2.06	0.08	41	44	0.13	7	680	74	6.45	7	132	0.04	31	16	16	40
JM RC-21-06	124	126	104473	EXT	0.486	2.6	3.15	114	40	0.5	5	6.06	1.7	11	2	4560	5.03	0.81	0.02	48	64	0.09	7	520	80	6.78	6	106	0.03	19	16	45	80
JM RC-21-06	126	128	104474	EXT	0.581	2.3	2.88	25	40	0.5	2	6.06	0.7	10	1	4350	5.41	0.51	0.01	49	80	0.08	7	540	91	7.44	5	152	0.02	17	16	13	30
JM RC-21-06	128	130	104475	EXT	0.533	2.4	4.45	48	170	0.5	2	6.03	1.6	6	1	4670	3.22	1.7	0.06	37	43	0.12	5	480	116	4.43	5	103	0.03	34	16	15	70
JM RC-21-06	130	132	104476	ORG	0.47	0.8	7.2	5	370	0.6	5	6.11	0.8	14	14	3460	3.4	2.61	0.32	57	53	0.2	10	1000	103	3.74	9	199	0.17	71	16	16	10
JM RC-21-06	132	134	104478	EXT	0.364	0.8	8.66	7	410	0.8	6	6.11	1	16	35	3670	2.77	2.5	0.47	38	46	0.21	21	1040	61	2.84	10	198	0.31	104	16	35	10
JM RC-21-06	134	136	104479	EXT	0.456	1.4	5.32	7	320	0.5	3	6.08	0.8	12	9	2850	5.68	1.7	0.08	48	64	0.14	6	800	116	7.68	7	178	0.05	41	16	9	10
JM RC-21-06	136	138	104480	EXT	0.201	1.1	5.59	5	310	0.5	3	6.08	0.7	12	3	2380	5.27	2.47	0.13	48	53	0.16	6	660	112	4.65	5	228	0.06	47	16	9	10
JM RC-21-06	138	140	104481	EXT	0.618	1.5	5.36	5	190	0.5	3	6.03	0.5	11	5	4640	3.61	1.86	0.12	47	54	0.12	7	360	64	4.64	5	130	0.05	38	16	32	10
JM RC-21-06	140	142	104482	EXT	0.544	1.1	6.63	6	370	0.6	3	6.06	0.6	11	2	5080	3.53	2.4	0.19	46	47	0.17	5	480	66	4.36	6	106	0.08	36	16	12	10
JM RC-21-06	142	144	104483	EXT	0.613	1.4	6.3	6	300	0.6	4	6.07	0.6	15	2	5030	3.41	2.13	0.29	39	43	0.11	9	660	34	4.24	6	115	0.11	42	16	17	10
JM RC-21-06	144	146	104484	EXT	0.529	0.9	7.67	5	450	0.5	4	6.08	0.9	16	4	4240	2.77	2.34	0.34	40	42	0.14	14	650	51	2.91	6	134	0.16	48	16	19	10
JM RC-21-06	146	148	104485	EXT	0.595	1	6.37	5	280	0.5	5	6.08	0.7	15	5	4250	3.39	2.21	0.19	53	113	0.16	7	760	46	4.56	5	164	0.08	52	16	11	10
JM RC-21-06	148	150	104486	EXT	0.34	0.8	6.2	5	180	0.5	3	6.1	0.6	13	3	2820	4.44	2.83	0.09	51	48	0.15	6	979	78	5.84	9	126	0.06	47	16	8	10
JM RC-21-06	150	152	104487	EXT	0.463	3.1	5.15	16	210	0.5	3	6.02	11.9	11	2	4460	2.99	1.91	0.19	36	97	0.11	6	379	69	3.08	5	73	0.84	74	16	15	10
JM RC-21-06	152	154	104488	EXT	0.537	1.3	7.41	20	250	0.5	6	6.05	0.9	10	5	4020	3.79	2.98	0.14	45	49	0.26	7	730	89	4.1	5	104	0.13	58	16	4	10
JM RC-21-06	154	156	104489	EXT	0.982	0.8	6.91	9	300	1.2	7	6.12	0.8	17	136	3390	4.19	2.1	0.62	46	43	0.12	72	1530	41	1.29	5	217	0.36	138	16	46	10
JM RC-21-06	156	158	104490	EXT	0.532	1.6	6.85	11	330	0.7	7	6.07	0.5	16	98	3040	4.92	1.64	0.44	42	51	0.1	39	930	65	4.82	7	158	0.15	72	16	34	10
JM RC-21-06	158	160	104491	EXT	0.542	1.2	7.75	9	320	0.6	4	6.05	0.6	10	6	3710	1.82	2.37	0.3	31	35	0.18	10	778	32	1.38	6	108	0.34	45	16	9	10
JM RC-21-05	160	162	104492	ORG	0.581	1.6	5.52	6	100	0.5	3	6.04	0.2	21	7	3890	6.14	1.94	0.14	78	37	0.13	16	800	122	6.64	5	122	0.05	32	16	8	10
JM RC-21-06	162	164	104494	EXT	0.553	1.5	6.99	16	290	0.6	4	6.07	0.5	30	5	3660	3.26	1.76	0.19	63	40	0.12	7	395	64	5.33	5	99	0.24	46	16	20	10
JM RC-21-06	164	166	104495	EXT	0.353	1.7	4.71	40	170	0.5	2	6.01	1.4	15	2	3340	3.88	1.73	0.08	38	53	0.14	6	360	164	4.67	5	96	0.33	17	16	15	10
JM RC-21-06	166	168	104496	EXT	0.508	2.5	5.46	30	170	0.5	7	6.01	1	22	4	4180	4.71	1.62	0.16	84	16	0.17	7	310	91	5.27	7	61	0.04	22	16	15	20
JM RC-21-06	168	170	104497	EXT	0.269	1	8.84	11	490	0.6	5	6.09	0.5	16	3	2250	3.02	2.38	0.34	39	36	0.15	11	918	86	2.68	5	178	0.09	40	16	8	10
JM RC-21-06	170	172	104498	EXT	0.538	1.3	7.75	11	410	0.7	9	6.08	0.7	16	59	5170	4.35	2.34	0.65	79	26	0.13	39	978	74	3.91	5	213	0.27	71	16	49	10
JM RC-21-06	172	174	104499	EXT	0.443	1.9	8.54	13	380	1	7	6.14	0.9	23	132	2910	4.99	2.62	1.42	114	47	0.13	76	1600	74	2.62	5	263	0.38	146	16	116	10
JM RC-21-06	174	176	104500	EXT	0.571	1.4	8.91	5	520	0.6	9	6.11	2	18	46	3410	4.21	2.46	1.16	104	26	0.16	36	1400	87	2.8	5	257	0.23	99	16	67	10
JM RC-21-06	176	178	104501	EXT	0.366	1.4	6.82	5	330	0.6	4	6.03	1.1	16	5	3560	4.17	2.26	0.49	37	49	0.15	12	880	42	4.22	5	126	0.1	50	16	32	10
JM RC-21-06	178	180	104502	EXT	0.336	1.2	7.23	11	280	0.6	7	6.04	0.5	15	5	3200	4.94	2.73	0.24	65	24	0.19	9	760	49	4.91	6	134	0.1	61	16	28	10
JM RC-21-06	180	182	104503	EXT	0.394	1.9	7.05	15	320	0.6	5	6.05	1.2	15	13	3660	5.39	2.32	0.71	58	53	0.17	16	778	51	3.69	5	182	0.11	62	16	66	10
JM RC-21-06	182	184	104504	EXT	0.547	1.5	7.4	9	400	0.7	6	6.07	0.6	17	6	3880	4.5	2.43	0.72	75	31	0.17	9	930	102	3.17	5	216	0.13	54	16	58	10
JM RC-21-06	184	186	104505	EXT	0.516	1.1	8.85	9	310	0.8	2	6.08	1.2	14	6	4080	4.28	2.45	0.98	97	28	0.17	11	750	54	3.85	9	172	0.1	50	16	62	10
JM RC-21-06	186	188	104506	EXT	0.496	1.5	8.42	15	340	0.7	2	6.05	0.5	17	5	3240	4.38	2.4	0.48	87	39	0.16	9	780	42	3.48	9	198	0.13	54	16	62	10
JM RC-21-06	188	190	104507	ORG	0.571	1.1	7.13	15	360	0.8	4	6.04	0.6	13	6	3640	4.46	2.53	0.61	64	19	0.16	12	620	46	2.95	5	134	0.15	54	16	62	10
JM RC-21-06	190	192	104508	EXT	0.377	1.2	6.72	25	240	0.7	3	6.06	0.6	14	12	3640	4.56	2.41	0.43	64	15	0.16	17	750	48	4.46	5	167	0.11	53	16	30	10
JM RC-21-06	192	194	104510	EXT	0.477	1.1	8.26	5	340	0.6	3	6.05	0.6	13	13	3110	4.47	2.26	0.96	102	14	0.16	16	916	24	2.82	5	100	0.14	72	16	74	10
JM RC-21-06	194	196	104511	EXT	0.561	1.2	5.72	5	220	0.6	4	6.07	0.6	14	10	3640	5.01	2.03	0.88	78	24	0.13	14	580	40	5.06	9	144	0.08	51	16	62	10
JM RC-21-06	196	198	104512	EXT	0.515	1.6	7.12	16	410	1	8	6.1	0.6	18	15	3380	4.73	2.58	1.2	134	38	0.15	19	730	45	3.64	16	174	0.14	82	16	108	10
JM RC-21-06	198	200	104513	EXT	0.415	1.2	7.64	5	410	1.2	8	6.11	2	18	17	2520	3.88	2.35	1.06	233	13	0.14	27	830	29	2.34	9	178	0.17	94	16	108	10
JM RC-21-06	200	202	104514	EXT	0.442	1.2	7.62	5	330	1.1	4	6.1	1.3	22	19	3970	5.08	2.53	0.95	108	34	0.14	21	978	34	5.29	7	252	0.15	86	16	85	10
JM RC-21-06	202	204	104515	EXT	0.48	1.1	7.42	5	380	1	6	6.11	0.9	21	16	3300	4.26	2.57	1.01	101	30	0.19	21	860	26	3.75	8	245	0.16	85	16	102	10
JM RC-21-06	204	206	104516	EXT	0.524	1.1	7.19	5	320	1.1	3	6.11	1.3	16	33	3680	4.8	2.28	0.84	110	64	0.15	25	1040	62	2.82	10	266	0.2	85	16	108	10
JM RC-21-06	206	208	104517	EXT	0.527	1	7.28	5	360	1.1	2	6.13	0.8	14	45	2530	3.93	1.96	0.53	88	15	0.13	32	1040	39	2.34	8	278	0.18	120	16	120	10
JM RC-21-06	208	210	104518	EXT	0.524	1	6.49	10	190	1	9	6.06	1.5	26	30	4060	5.27	2.58	0.17	52	191	0.16	25	1180	42	5.91	7	387	0.12	88	16	33	10
JM RC-21-06	210	212	104519	EXT	0.812	0.7	8.8	7	320	0.6	10	6.08	0.8	14	24	4370	3.56	2.06	0.48	73	32	0.19	22	650	34	3.25	5	196	0.13	56	16	51	10
JM RC-21-06	212	214	104520	EXT	0.851	0.6	8.44	5	360	1	10	6.12	1.3	17	33	3210	4.21	2.37	0.65	73	30	0.21	24	1130	41	2.1	5	412	0.23	89	16	60	10
JM RC-21-06	214	216	104521	EXT	0.869	0.9	7.78	5	400	0.7	5	6.08	1.2	16	23	4140	3.78	2.34	0.57	83	45	0.16	21	860	36	2.6	6	328	0.17	71	16	51	10
JM RC-21-06	216	218	104522	EXT	0.58	2.7	8.19	160	180	0.8	9	6.05	5.5	15	15	4320	3.5	1.98	0.18	58	19	0.33	14	520	41	4.42	12	197	0.1	50	16	31	70
JM RC-21-06	218	220	104523	EXT	0.765	1.3	8.85	6	400	0.6	7	6.08	2.1	19	8	5280	3.07	2.29	0.39	96	40	0.17	12	940	61	2.85	6	147	0.15	68	16	39	30
JM RC-21-06	220	222	104524	EXT	0.652	0.6	7.67	5	340	0.6	6	6.08	1.4	11	6	4220	3.97	2.09	0.83	88	30	0.15	15	810	36	2.83	5	130	0.14	65	16	46	10
JM RC-21-06	222	224	104525	EXT	0.747	1.2	7.24	8	320	0.6	6	6.09	1	13	10	5190	3.88	2.28	0.36	83	40	0.18	10	840	87	3.46	10	258	0.15	80	16	40	20
JM RC-21-06	224	226	104526	EXT	0.493	1	8.04	12	320	0.6	5	6.06	0.6	12	7	3650	3.73	2.34	0.16	44

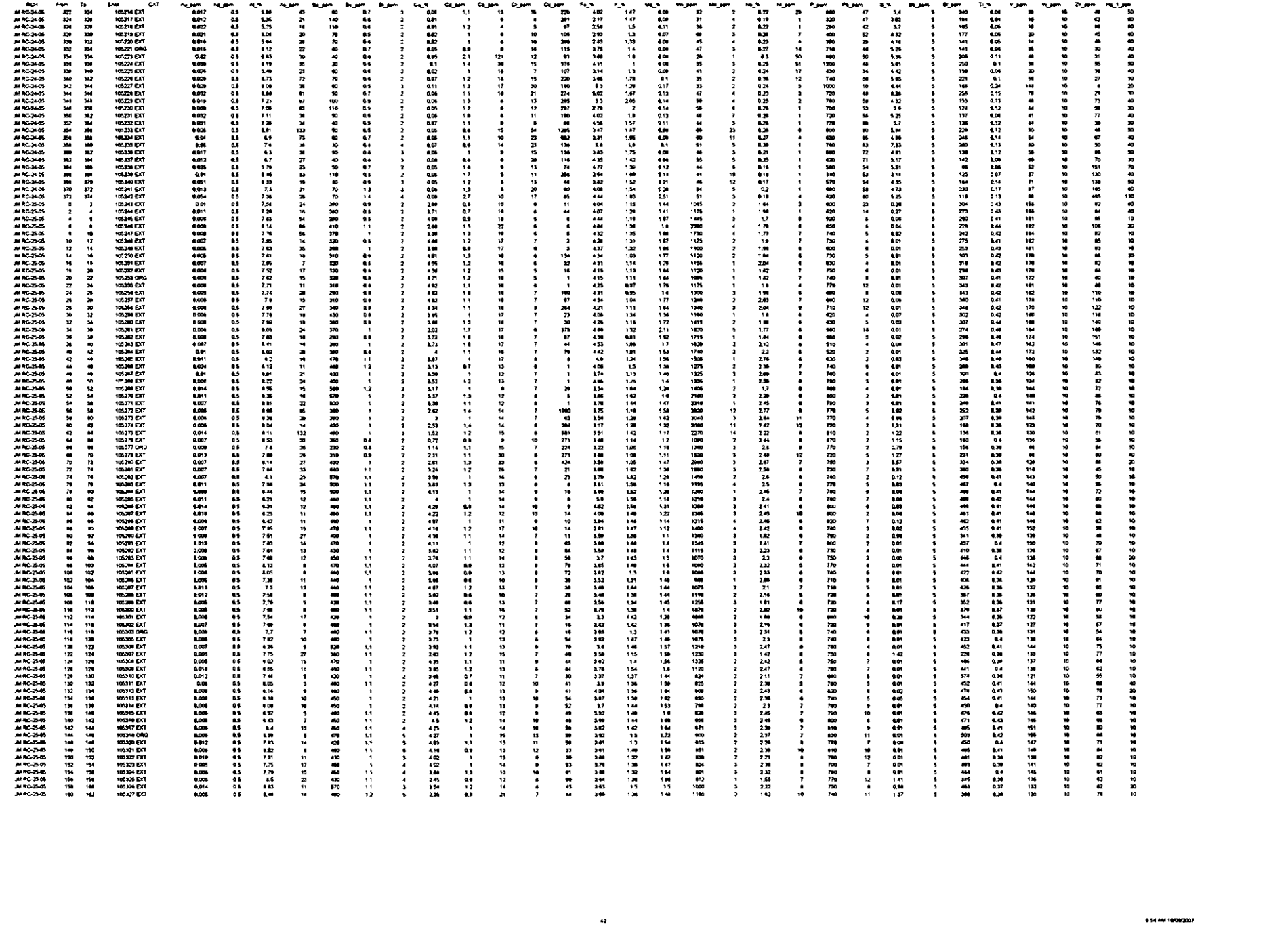
RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-21-05	254	256	104542 EXT		0.486	0.5	8.77	6	530	0.5	9	0.07	1.9	19	7	2480	2.79	2.15	0.46	64	5	0.29	14	620	46	1.85	5	307	0.14	57	10	92	10
JM RC-21-05	254	256	104543 EXT		0.37	0.6	8.67	6	580	1	10	0.07	2.6	14	6	2200	2.28	1.98	0.78	104	6	0.2	27	710	30	1.52	5	109	0.13	57	10	325	10
JM RC-21-05	256	260	104544 EXT		0.164	0.5	9.17	10	600	1.3	8	0.06	1.3	9	5	1310	1.69	2.3	0.63	119	15	0.23	25	760	24	1.84	8	154	0.12	63	10	134	10
JM RC-21-05	260	262	104545 EXT		0.188	0.6	7.55	5	230	0.6	10	0.04	1.2	10	5	1810	3.34	2.47	0.77	42	12	0.25	6	810	77	4.13	8	279	0.09	50	10	32	10
JM RC-21-05	262	264	104546 EXT		0.239	0.6	8.61	35	350	0.5	9	0.05	1.5	14	4	2470	2.68	2.2	0.44	46	16	0.19	6	540	34	3.65	11	218	0.06	36	10	78	20
JM RC-21-05	264	266	104547 EXT		0.254	1.1	8.22	5	260	0.5	11	0.05	1.3	8	5	2700	3.36	2.25	0.16	34	19	0.2	8	530	46	4.41	7	196	0.06	32	10	22	20
JM RC-21-05	266	268	104548 EXT		0.213	1.9	8.52	42	190	0.6	10	0.05	1.3	14	4	4450	3.8	2.28	0.19	42	39	0.21	4	530	41	4.58	5	178	0.09	41	10	36	40
JM RC-21-05	268	270	104549 EXT		0.22	1	5.99	34	190	0.5	10	0.05	0.5	12	4	4280	3.95	2.2	0.12	37	26	0.18	7	470	43	4.49	5	143	0.06	30	10	4	70
JM RC-21-05	270	272	104550 EXT		0.25	1.5	8.11	24	180	0.5	9	0.03	0.9	13	7	3530	3.98	2.08	0.12	46	23	0.17	5	440	51	4.72	9	122	0.07	25	10	24	40
JM RC-21-05	272	274	104551 EXT		0.178	1.1	5.53	30	140	0.6	7	0.03	0.7	10	5	3830	3.94	1.61	0.08	41	21	0.16	5	470	46	4.83	10	142	0.08	22	10	14	40
JM RC-21-05	274	276	104552 EXT		0.164	1.6	4.87	47	140	0.5	7	0.03	1.2	11	4	4690	4.53	1.58	0.06	47	37	0.14	5	460	42	5.43	5	123	0.04	19	10	7	60
JM RC-21-05	276	278	104553 EXT		0.195	1.2	5.08	13	170	0.5	8	0.02	1.1	7	5	4740	2.76	1.42	0.09	41	21	0.12	5	290	42	3.61	5	62	0.05	11	10	11	90
JM RC-21-05	278	280	104554 EXT		0.162	0.8	5.26	15	140	0.5	10	0.02	0.7	10	3	4780	3.36	1.94	0.1	45	58	0.13	7	280	23	4.18	5	85	0.06	21	10	7	40
JM RC-21-05	280	282	104555 EXT		0.17	0.8	5.58	46	150	0.5	9	0.05	1.2	13	6	2980	3.3	1.94	0.1	42	20	0.16	9	460	40	4.18	5	184	0.07	31	10	9	80
JM RC-21-05	282	284	104556 ORG		0.197	1	8.52	51	230	0.5	7	0.05	1.3	15	6	2850	2.82	2.22	0.12	48	31	0.2	10	480	39	3.63	12	186	0.09	33	10	14	40
JM RC-21-05	284	286	104557 EXT		0.195	1.2	8.41	34	320	0.5	9	0.04	1	29	5	2480	2.34	2.1	0.11	36	17	0.26	8	490	48	3.38	5	194	0.07	29	10	11	80
JM RC-21-05	286	288	104558 EXT		0.195	1	8.35	59	190	0.6	11	0.06	1.3	27	7	2210	2.64	2.18	0.13	49	17	0.46	14	780	50	4.5	5	356	0.1	64	10	17	50
JM RC-21-05	288	290	104560 EXT		0.25	0.5	8.21	130	380	1.5	12	0.06	1.5	31	7	2130	2.06	2.16	0.14	62	10	0.36	14	730	26	3.23	5	230	0.15	71	10	14	10
JM RC-21-05	290	292	104561 EXT		0.233	1.4	8.62	36	280	0.7	5	0.06	1.4	14	7	2870	2.57	2.03	0.13	42	16	0.24	10	680	34	3.51	5	377	0.08	36	10	7	30
JM RC-21-05	292	294	104562 EXT		0.152	1.2	5.95	25	260	0.5	7	0.03	0.8	9	4	3230	2.64	2.03	0.13	63	19	0.16	6	330	30	3.19	4	124	0.07	18	10	6	30
JM RC-21-05	294	296	104563 EXT		0.212	1.2	5.69	5	210	0.5	5	0.03	0.7	21	5	4350	2.25	1.91	0.16	44	24	0.19	9	260	14	3.32	4	45	0.08	17	10	8	40
JM RC-21-05	296	298	104564 EXT		0.173	1.2	6.17	63	240	0.5	5	0.05	1.5	27	4	2810	3.19	1.92	0.12	63	18	0.22	40	510	36	4.08	6	236	0.07	22	10	11	70
JM RC-21-05	298	300	104565 EXT		0.153	1.3	6.17	71	300	0.5	9	0.04	0.9	13	4	3350	2.66	2.17	0.12	38	20	0.24	16	350	22	3.66	8	135	0.07	20	10	5	40
JM RC-21-05	300	302	104566 EXT		0.361	1.2	5.68	37	290	0.6	8	0.04	1.9	10	5	3460	2.8	1.82	0.19	76	31	0.28	7	310	25	3.43	5	120	0.08	14	10	25	50
JM RC-21-05	302	304	104567 EXT		0.348	1.7	5.34	7	160	0.7	8	0.04	1.1	8	6	4780	2.63	1.78	0.32	41	27	0.2	5	240	13	3.66	6	99	0.06	15	10	23	60
JM RC-21-05	304	306	104568 EXT		0.277	1.7	5.54	11	170	0.5	5	0.02	0.8	13	5	5370	2.97	2.01	0.19	39	30	0.15	4	210	27	3.48	5	80	0.07	13	10	19	50
JM RC-21-05	306	308	104569 EXT		0.291	1	5.29	7	180	0.5	4	0.02	0.8	8	4	4970	3.27	1.97	0.16	49	17	0.13	3	170	17	2.88	5	58	0.07	14	10	31	110
JM RC-21-05	308	310	104570 EXT		0.217	1.5	4.64	91	180	0.5	9	0.04	0.8	13	6	5050	3.01	2.04	0.13	44	28	0.18	8	420	31	4.1	20	208	0.07	17	10	25	120
JM RC-21-05	310	312	104571 ORG		0.217	1.3	5.41	40	190	0.5	2	0.03	0.8	10	4	4940	2.77	1.95	0.21	35	30	0.12	2	900	20	3.72	7	92	0.07	15	10	53	130
JM RC-21-05	312	314	104573 EXT		0.168	0.8	6	11	120	0.5	6	0.03	0.9	11	5	3910	3.11	2.26	0.4	36	39	0.14	6	350	30	4.14	5	124	0.09	19	20	16	40
JM RC-21-05	314	316	104574 EXT		0.138	0.8	5.45	24	120	0.5	6	0.03	1	17	7	3470	3.08	2.16	0.16	42	28	0.19	15	270	18	3.98	5	68	0.08	20	10	48	80
JM RC-21-05	316	318	104575 EXT		0.156	0.6	6.42	41	180	0.5	3	0.03	0.8	19	10	2500	2.81	1.77	0.18	56	37	0.18	8	270	24	3.44	5	82	0.1	23	10	128	40
JM RC-21-05	318	320	104576 EXT		0.185	0.6	6.08	90	120	0.5	2	0.03	0.8	17	12	3420	3.26	1.92	0.21	43	25	0.2	8	240	20	4.1	5	65	0.08	22	10	53	50
JM RC-21-05	320	322	104577 EXT		0.184	0.8	7.11	134	160	0.6	3	0.04	0.8	17	14	3710	2.85	2.07	0.21	50	36	0.22	8	400	28	3.29	5	146	0.08	28	30	133	70
JM RC-21-05	322	324	104578 EXT		0.2	1.1	6.36	47	160	0.6	6	0.04	1.3	14	11	3440	2.83	2.13	0.2	54	21	0.2	5	340	25	3.32	5	118	0.08	24	10	92	70
JM RC-21-05	324	326	104579 EXT		0.231	1.1	6.32	40	170	0.5	7	0.03	1.4	11	8	3720	2.82	2.14	0.2	50	21	0.22	6	310	25	3.61	5	116	0.07	20	10	66	80
JM RC-21-05	326	328	104580 EXT		0.235	0.8	6.14	120	130	0.5	6	0.04	1.3	16	15	4250	3.2	2.26	0.18	52	38	0.24	5	410	38	4.25	5	158	0.07	24	20	138	70
JM RC-21-05	328	330	104581 EXT		0.222	0.8	5.57	82	150	0.5	3	0.03	1.7	13	10	4040	2.81	1.9	0.17	46	28	0.2	3	310	24	3.9	5	116	0.07	21	20	78	50
JM RC-21-05	330	332	104582 EXT		0.224	0.6	5.38	57	140	0.5	4	0.03	1.1	16	10	4350	3.7	2.31	0.2	41	28	0.18	7	300	22	4.64	12	107	0.07	21	10	83	20
JM RC-21-05	332	334	104583 EXT		0.204	1	5.57	5	160	0.7	9	0.03	0.7	6	4	3780	2.5	2.1	0.34	34	16	0.15	3	170	13	3.12	7	63	0.06	19	10	20	70
JM RC-21-05	334	336	104584 EXT		0.218	1.4	6.5	237	150	0.6	7	0.03	1	10	4	3790	3.21	2.22	0.28	51	19	0.21	9	250	27	4.17	14	95	0.07	20	10	14	80
JM RC-21-05	336	338	104585 EXT		0.175	0.8	5.51	53	160	0.7	8	0.03	1.1	11	15	3640	2.71	2.03	0.27	51	16	0.17	14	250	17	3.24	9	99	0.06	21	10	75	30
JM RC-21-05	338	340	104586 EXT		0.186	0.7	6.43	13	180	1	3	0.03	0.7	11	5	3570	2.96	2.06	0.47	35	16	0.21	6	220	22	3.61	11	74	0.06	18	10	47	20
JM RC-21-05	340	342	104587 EXT		0.182	0.5	6.59	23	240	0.8	7	0.03	0.5	14	5	3080	2.89	1.78	0.51	41	21	0.32	6	210	22	3.69	5	73	0.09	14	20	62	20
JM RC-21-05	342	344	104588 EXT		0.217	0.8	5.95	75	130	0.7	6	0.05	1	17	20	3790	2.98	1.81	0.32	54	26	0.25	6	350	26	3.91	11	143	0.07	23	10	146	40
JM RC-21-05	344	346	104589 ORG		0.173	0.8	5.49	8	360	0.6	9	0.03	1.1	10	4	2880	1.67	1.6	0.51	31	18	0.26	5	240	14	1.8	5	76	0.06	22	30	56	50
JM RC-21-05	346	348	104591 EXT		0.175	0.7	6.74	35	160	0.8	5	0.02	1	14	4	3400	2.3	1.88	0.36	31	13	0.25	5	230	17	2.78	8	84	0.06	22	10	52	80
JM RC-21-05	348	350	104592 EXT		0.156	0.8	6.09	137	150	0.8	6	0.03	0.4	19	6	3090	3.1	2.07	0.31	32	30	0.25	5	260	23	4.05	8	104	0.07	21	10	56	60
JM RC-21-05	350	352	104593 EXT		0.151	0.7	5.53	30	140	0.5	4	0.03	0.7	13	11	2820	2.14	1.63	0.27	38	16	0.23	6	260	18	2.63	8	85	0.06	18	10	46	40
JM RC-21-05	352	354	104594 EXT		0.172	0.8	6.44	78	210	0.7	4	0.04	1.5	15	13	3480	2.47	1.91	0.4	36	26	0.3	7	300	27	3.17	6	105	0.06	22	20	80	40
JM RC-21-05	354	356	104595 EXT		0.27	0.8	8.78	33	300	1.5	4	0.06	0.9	23	25	3640	3.43	2.42	0.36	61	21	0.41	23	770	22	3.72	5	234	0.22	62	10	238	10
JM RC-21-05	356	358	104596 EXT		0.158	1	6.1	14	280	1.3	5	0.06	0.5	15	23	2660	2.47	2.58	0.26	43	15	0.34	24	800	14	2.44	5	137	0.19	81	10	228	10
JM RC-21-05	358	360	104597 EXT		0.114	0.7	5.97	21	210	0.7	2	0.02	0.5	10	5	2140	2.07	2.17	0.4	31	11	0.18	6	280	9	3.13	5	63	0.07	27	10	52	10
JM RC-21-05	360	362	104598 EXT		0.156	0.7	5.81	25	270	0.8	2	0.03	0.5	15	7	2360	2.69	1.8	0.21	32	15	0.18	8	360	16	2.64	5	86	0.07	27	10	41	10
JM RC-21-05	362	364	104599 EXT		0.202	0.9	5.65	29	260	0.8	2	0.04	0.5	18	14	2630	2.88	2.09	0.15	42	20	0.19	12	460	17	3.06	5	120	0.08	31	10	78	10
JM RC-21-05	364	366	104600 ORG		0.116	0.6	5.28	13	270	0.6	2	0.03	0.5	7	4	2670	1.93	2.39	0.23	32	16	0.2	1	280	20	1.76	5	73	0.08	27	10	25	10
JM RC-21-05	366	368	104602 EXT		0.115	0.6	6.33	16	290	0.8	2	0.04	0.5	11	8	2350	2.47	2.31	0.25	58	20	0.22	6	340	22	2.41	5	102	0.08	33	10	41	10
JM RC-21-05	368	370	104603 EXT		0.152	0.8	8.17	11	350	1.4	4	0.07	0.5	17	6	2830	3.06	2.44	0.5	74	13	0.33	8	420	11	3.15	5	72	0.11	59	10	84	10
JM RC-21-05	370	372	104604 EXT		0.218	0.8	8.88	11	370	1.8	2	0.15	1.3	22	6	2980	2.77	2.16	1.25	213	15	0.43	23	610	12	1.81	5	61	0.21	99	10	260	10
JM RC-21-05	372	374	104605 EXT		0.208	0.9	9.12	41	340	1.7	2	0.09	1	18	16	5140	3.24	2.45	0.97	136	18	0.45	20	700	22	3.13	5	139	0.23	105	10	444	30
JM RC-21-05	374	376	104606 EXT		0.304	0.8	9.06	13	320	1.9	2	0.12	0.5	18	5	2760	3.54	2.24	1.64	291	12	0.4	21	610	14	2.54	5	97	0.2	114	10	224	10
JM RC-21-05	376	378	104607 EXT		0.192	0.7	8.74	9	290	2.2	2	0.11	1.5	17	8	2090	3.07	1.9	1.73	402	10	0.45	22	620	12	1.72	5	130	0.22	111	10	377	10
JM RC-21-05	378	380	104608 EXT		0.146	0.5	6.88	18	250	2.2	2	0.12	0.8	14	16	2360	3.21	2.11	1.57	235	15	0.48	14	740	17	2.6	5	130	0.2	108	10	322	10
JM RC-21-05	380	382	104609 EXT		0.182	0.6	6.85	25	180	1.3	2	0.07	0.8	12	7	1840	2.68	2.08	0.67	116	8	0.28	7	400	16	2.67	5	77	0.11	59	10	116	10
JM RC-21-05	382	384	104610 EXT		0.14	0.9	7.29	52	180	1.2	4	0.06	0.8	8	8	3010	2.73	2.01	0.57	42	58	0.26	7	420	9	2.67	5	96	0.12	68	10	91	20
JM RC-21-05	384	386	104611 EXT		0.262	0.5	7.25	25	190	0.8	3	0.04	0.5	6	11	1905	1.66	2.48	0.28	54	16	0.25	6	420	19	1.61	5	64	0.12	45	10	111	10
JM RC-21-05	386	388	104612 EXT		0.144	0.7	5.24	36	140	0.8	2	0.11	0.5	12	7	2420	2.63	2	0.14	46	11	0.18	5	440	14	3.18	5	70	0.09	32	10	36	10
JM RC-21-05	388	390	104613 EXT		0.158	0.7	9.32	99	280	1.8	2	0.14	0.5	6	6	3140	2.99	2.81	0.43	60	11	0.36	4	710	26	3.03	8	170	0.12	65	10	77	10
JM RC-21-05	390	392	104614 EXT		0.192	0.6	8.24	17	240	1.8	4	0.07	0.5	6	17	3530	2.57	2.33	0.53	66	12	0.34	19	510	19	2.28	5	184	0.16	78	10	100	30
JM RC-21-05	392	394	104615 EXT		0.274	0.6	7.41	15	230	1.8	2	0.05	0.5	12	13	3690	2.58	2.58	0.24	54	16	0.27	8	530	8	2.4	5	113	0.1	57	10	53	10
JM RC-21-05	394	396	104616 EXT		0.184	0.6	5.98	23	190	1.8	2	0.05	0.7	4	8	2870	2.39	2.07	0.14	58	13	0.2	4	410	14	2.29	7	95	0.08	28	10	40	10
JM RC-21-05	396	398	104617 EXT		0.143	0.7	5.81	12	290	0.9	2	0.04	0.5	4	6	2520	2.21	2.54	0.2	50	20	0.19	3	360	8	2.08	5	48	0.07	29	10	41	10
JM RC-21-05	398	400	104618 EXT		0.152	0.6	5.95	17	350	1	2	0.04	0.6	9	3	3080	2.22	2.2	0.19	50	11	0.2	5	290	8	2.28	5	60	0.08	23	10	37	60
JM RC-22-05	0	2	104619 EXT		0.082	0.5	7.22	22	980	0.5	2	0.11	0.5	1	13	65	2.79	1.77	0.06	56	15	0.18	1	820	235	0.48	5	345	0.19	88	10	29	10
JM RC-22-05	2	4	104620 EXT		0.086	0.6	9.04	23	790	0.5	2	0.11	0.5	1	15	37	3.62	1.8	0.06	37	16	0.21	1	940	226	0.68	7	374	0.21	108	10	17	10
JM RC-22-05	4	6	104621 EXT		0.077	0.7	7.35	43	670	0.5	3	0.09	0.5	1	13	35	2.83	1.62	0.06	33	24	0.23	1	810	264	0.45	8	412	0.18	104	10	14	10
JM RC-22-05	6	8	104622 EXT		0.058	0.5	7.31	52	210	0.5	2	0.1	0.5	1	14	27	2.18	1.5	0.04	54	20	0.23	1	950	303	2.1	6	431	0.2	105	10	16	10
JM RC-22-05	8	10	104623 EXT		0.057	0.5	7.02	40	180	0.5	2	0.1	0.5	1	19	24	1.94	1.32	0.03	37	14	0.21	3	860	363	2.25	10	388	0.22	112	10	16	20
JM RC-22-05	10	12	104624 EXT		0.086	0.6	8.19	62	210	0.5	2	0.09	0.5	1	20	19	2.52	1.7	0.04	31	13	0.36	1	870	334	2.43	8	408	0.21	128	10	14	10
JM RC-22-05	12	14	104625 ORG		0.098	0.6	8.53	41	980	0.5	2	0.09	0.5	1	23	24	3.11	1.91	0.08	35	12	0.3	2	830	244	1.05	5	362	0.18	146	10	19	10
JM RC-22-05	14	16	104627 EXT		0.076	0.7	9.55	45	810	0.5	2	0.09	0.5	1	21	47	3.76	1.58	0.07	32	14	0.29	1	990	243	0.6	9	526	0.21	148	10	18	10
JM RC-22-05	16	18	104628 EXT		0.083	1	8.48	33	700	0.5	4	0.1	0.5	1	25	26	3.23	1.6	0.08	26	14	0.25	1	950	230	0.45	12	388	0.18	144	10	17	10
JM RC-22-05	18	20	104629 EXT		0.11	0.8	9.64	15	980	0.5	4	0.1	0.5	1	34	28	2.87	1.95	0.08	33	14	0.28	1	940	192	0.8	9	383	0.18	143	10	21	10
JM RC-22-05	20	22	104630 EXT		0.615	0.5	8.72	19	510	0.5	4	0.12	0.5	1	21	55	2.44	2.28	0.12	30	24	0.16	1	1540	78	0.58	5	1125	0.38	146	10	17	10
JM RC-22-05	22	24	104631 EXT		0.981	0.9	7.84	16	430	0.5	4	0.09	0.7	1	26	65	2.54	1.66	0.13	33	36	0.13	1	1200	67	0.31	5	881	0.27	124	10	29	10
JM RC-22-05	24	26	104632 EXT		0.398	0.5	8	7	980	0.5	2	0.09	0.5	1	10	47	1.24	1.56	0.13	26	26	0.15	1	930	46	0.28	7	402	0.16	74	10	14	10
JM RC-22-05	26	28	104633 EXT		0.44	1.8	8.15	95	980	0.5	2	0.08	0.5	1	8	54	1.31	1.63	0.11	34	16	0.15	1	870	106	0.97	9	398	0.17	66	10	12	30
JM RC-22-05	28	30	104634 EXT		0.418	0.9	7.48	37	880	0.5	2	0.09	0.5	1	8	45	3.76	2.02	0.11	37	50	0.16	1	980	101	0.68	5	385	0.14	83	10	11	10
JM RC-22-05	30	32	104635 EXT		0.552	0.5	7.9	29	850	0.5	3	0.09	0.5	1	5	63	2.62	1.92	0.13	36	24	0.13	2	870	52	0.45	5	418	0.15	65	10	12	10
JM RC-22-05	32	34	104636 EXT		0.497	0.6	8.17	35	790	0.5	5	0.08	0.6	1	6	51	1.56	1.99	0.13	27	25	0.17	2	990	62	0.72	5	454	0.16	74	10	10	30
JM RC-22-05	34	36	104637 EXT		0.42	0.7	7.08	16	620	0.5	2	0.06	0.5	1	5	47	1.72	2.08	0.14	31	30	0.13	2	710	47	0.4	5	368	0.13	65	10	11	10
JM RC-22-05	36	38	104638 EXT		0.48	0.5	7.31	31	830	0.5	2	0.07	0.5	1	5	61	2.6	2.07	0.14	38	32	0.14	2	830	52	0.5	5	532	0.15	63	10	11	10
JM RC-22-05	38	40	104639 EXT		0.495	0.8	7.8	11	980	0.5	2	0.07	0.5	1	5	80	2.87	1.96	0.14	37	46	0.

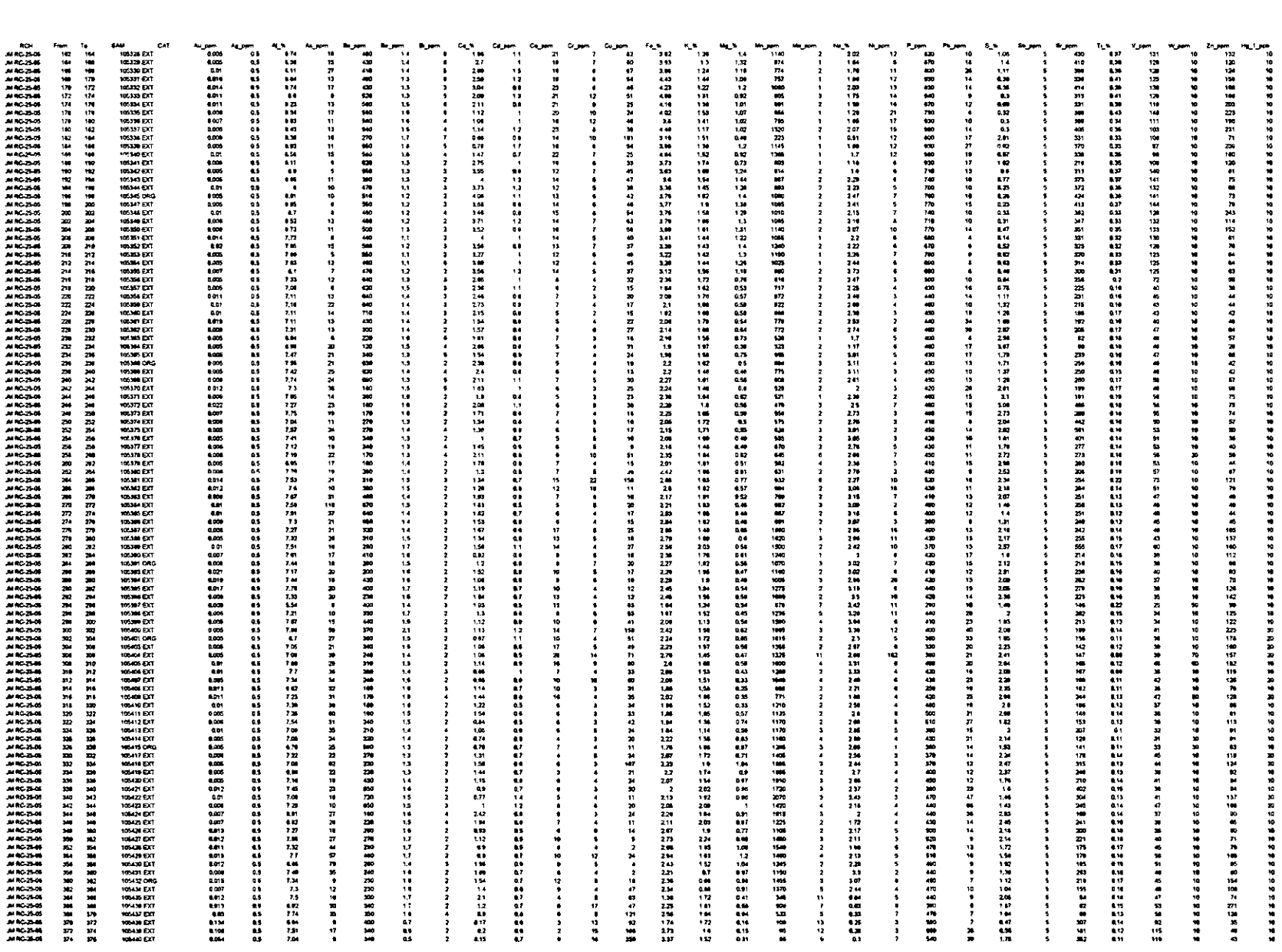
RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_f_ppb
JM RC-22-05	68	70	104695 EXT		0.005	1.5	7	8	200	0.5	2	0.09	0.5	6	6	3270	3.69	2.06	0.13	20	30	0.12	2	1040	58	3.06	5	537	0.19	94	10	25	20
JM RC-22-05	70	72	104696 EXT		0.526	1.1	7.11	13	190	0.5	2	0.07	0.5	5	4	3910	3.37	2.13	0.12	35	40	0.15	3	770	45	3.12	5	314	0.1	73	10	20	40
JM RC-22-05	72	74	104697 EXT		0.771	1.7	7.93	13	100	0.5	4	0.04	0.5	11	7	6020	4.58	2.34	0.12	34	34	0.11	2	540	41	5.48	5	335	0.1	65	10	13	30
JM RC-22-05	74	76	104698 EXT		0.71	1.5	7.54	13	150	0.5	3	0.05	0.5	6	6	7540	3.7	2.06	0.14	39	41	0.11	4	640	52	3.77	5	388	0.11	85	10	16	40
JM RC-22-05	76	78	104699 EXT		0.674	1.1	7.45	65	110	0.5	2	0.04	0.5	7	1	6660	4.3	2.53	0.16	37	35	0.09	1	660	39	5.23	5	347	0.13	80	10	8	35
JM RC-22-05	78	80	104690 EXT		0.854	1.5	7.31	16	110	0.7	2	0.04	0.5	9	1	6440	4.12	2.53	0.16	46	32	0.11	3	560	46	4.74	5	348	0.14	86	10	21	60
JM RC-22-05	80	82	104691 EXT		0.622	1.3	6.96	9	160	0.7	2	0.03	0.5	6	2	6410	3.22	2.15	0.14	36	35	0.1	3	520	36	3.71	5	258	0.14	67	10	20	30
JM RC-22-05	82	84	104692 EXT		0.552	1.3	6.95	11	140	0.6	2	0.04	0.5	9	1	6810	3.91	2.2	0.14	44	33	0.1	6	520	62	4.57	5	258	0.15	94	10	17	30
JM RC-22-05	84	86	104693 EXT		0.541	1.7	8.3	45	100	0.5	2	0.05	0.5	10	1	5810	4.46	2.67	0.12	40	37	0.08	2	570	44	5.4	5	190	0.07	95	10	24	30
JM RC-22-05	86	88	104694 EXT		0.837	1.5	6.98	45	90	0.8	4	0.05	0.5	6	1	6480	4.52	2.36	0.14	45	39	0.1	4	660	67	5.5	5	336	0.08	81	10	18	30
JM RC-22-05	88	90	104695 EXT		0.986	1.5	8	86	120	0.8	6	0.05	0.5	16	2	5860	3.92	2.26	0.14	34	52	0.14	9	660	33	4.97	5	313	0.16	83	10	17	20
JM RC-22-05	90	92	104696 EXT		0.915	1.4	6.8	21	140	0.9	2	0.03	0.5	12	1	6810	4.04	1.82	0.11	43	31	0.11	7	640	37	3.67	5	254	0.15	54	10	17	40
JM RC-22-05	92	94	104697 EXT		0.656	0.9	6.34	11	170	0.6	2	0.07	0.5	15	26	4520	4.96	1.54	0.17	31	47	0.12	18	650	25	3.91	5	186	0.19	94	10	22	10
JM RC-22-05	94	96	104698 EXT		0.704	0.5	8.9	23	310	0.9	4	0.04	0.5	9	57	4480	4.2	1.4	0.19	33	33	0.13	23	1080	28	2.56	5	538	0.22	124	10	26	10
JM RC-22-05	96	98	104699 EXT		0.563	0.7	7.11	175	170	0.5	3	0.04	0.5	7	22	5400	2.93	1.92	0.1	32	59	0.15	15	520	28	3.68	4	301	0.19	72	10	23	30
JM RC-22-05	98	100	104670 EXT		0.61	0.7	9.15	26	210	1	2	0.09	0.5	18	21	6230	3.75	1.95	0.19	39	55	0.23	8	1130	53	3.22	5	308	0.33	110	10	14	30
JM RC-22-05	100	102	104671 EXT		0.852	0.7	7.48	8	250	0.8	2	0.12	0.5	14	8	7280	4.2	1.98	0.19	33	56	0.12	3	1270	48	2.51	5	379	0.32	104	10	14	10
JM RC-22-05	102	104	104672 EXT		0.972	1.4	7.03	8	130	0.6	2	0.04	0.7	13	1	6050	3.79	1.62	0.19	37	36	0.08	2	650	64	3.74	5	232	0.18	76	10	12	10
JM RC-22-05	104	106	104673 EXT		0.465	2	9.46	17	80	0.5	3	0.06	0.5	11	1	7630	5.07	2.29	0.17	33	133	0.07	1	760	126	6.36	5	227	0.1	96	10	22	20
JM RC-22-05	106	108	104674 EXT		0.437	2	5.93	42	80	0.3	2	0.05	0.5	10	1	7950	5.4	2.31	0.12	45	185	0.09	4	660	97	6.64	5	300	0.08	56	10	16	30
JM RC-22-05	108	110	104675 ORG		0.998	1.4	6.74	7	130	0.5	2	0.04	0.5	7	1	7720	4.65	2.13	0.28	40	58	0.08	4	720	70	4.34	5	173	0.1	58	10	27	10
JM RC-22-05	110	112	104677 EXT		0.353	1.3	6.24	16	100	0.5	2	0.04	0.6	8	1	5870	4.22	2.16	0.13	43	36	0.09	3	540	48	4.75	5	144	0.07	67	10	17	10
JM RC-22-05	112	114	104678 EXT		0.508	1.1	6.21	5	110	0.5	1	0.03	0.7	9	21	6640	3.9	1.94	0.16	66	66	0.06	14	450	33	2.91	5	114	0.1	52	10	37	10
JM RC-22-05	114	116	104679 EXT		0.448	1.2	6.18	5	160	0.5	2	0.04	0.7	9	1	5300	3.56	1.99	0.17	56	43	0.06	4	460	34	3.08	5	88	0.11	56	10	33	10
JM RC-22-05	116	118	104680 EXT		0.57	0.9	7.13	11	200	0.5	3	0.05	0.7	7	3	6240	3.45	1.84	0.21	52	40	0.09	4	540	34	2.57	5	176	0.12	67	10	16	30
JM RC-22-05	118	120	104681 EXT		0.614	0.9	6.62	5	220	0.5	2	0.04	0.8	7	2	4710	3.69	1.93	0.32	46	75	0.08	4	500	34	3.4	5	134	0.12	63	10	19	30
JM RC-22-05	120	122	104682 EXT		0.636	1.3	5.98	5	230	0.5	3	0.04	0.5	7	1	6300	3.43	2.06	0.18	54	64	0.07	4	540	33	2.87	5	168	0.1	52	10	21	10
JM RC-22-05	122	124	104683 EXT		0.484	1	6.91	5	230	0.6	2	0.07	0.5	4	2	5400	3.46	1.97	0.31	38	53	0.09	4	670	63	2.47	5	173	0.11	56	10	31	10
JM RC-22-05	124	126	104684 EXT		0.54	0.6	6.91	5	260	0.6	2	0.04	0.7	7	1	4860	3.86	1.87	0.35	52	69	0.08	3	490	42	2.36	5	130	0.12	51	10	37	10
JM RC-22-05	126	128	104685 EXT		0.739	1.3	6.91	5	180	0.7	2	0.06	0.6	8	1	6560	4.29	1.95	0.46	48	47	0.07	5	640	62	3.26	5	158	0.13	47	10	44	10
JM RC-22-05	128	130	104686 EXT		0.847	1.2	6.46	5	240	0.8	2	0.04	0.5	9	1	5600	4.58	2	0.49	54	79	0.07	4	520	47	3.39	5	126	0.12	50	10	42	10
JM RC-22-05	130	132	104687 EXT		0.843	1.4	6.28	6	150	0.6	4	0.04	0.8	12	1	7010	4.59	2.02	0.34	45	57	0.08	5	470	31	3.3	5	123	0.11	53	10	32	10
JM RC-22-05	132	134	104688 EXT		0.749	1.7	6.15	91	140	0.6	4	0.04	0.9	11	1	5640	4.26	2.16	0.37	63	32	0.08	3	460	37	4.11	5	105	0.11	51	10	35	20
JM RC-22-05	134	136	104689 EXT		1	1.7	8.14	11	200	0.6	2	0.04	0.5	9	1	6760	4.26	1.96	0.26	49	39	0.09	4	530	26	2.63	5	134	0.13	69	10	35	10
JM RC-22-05	136	138	104690 EXT		0.613	1.2	7.57	9	420	0.7	4	0.07	0.5	5	1	4450	3.4	1.86	0.68	61	14	0.16	7	790	36	1.68	5	229	0.13	58	10	68	10
JM RC-22-05	138	140	104691 EXT		0.431	0.6	6.65	5	610	0.8	2	0.08	0.7	10	3	3260	3.04	1.97	0.48	56	17	0.15	7	780	26	2.16	5	297	0.11	98	10	42	10
JM RC-22-05	140	142	104692 EXT		0.68	1.2	7	12	120	0.5	2	0.04	0.5	11	1	5910	4.09	2.18	0.24	46	64	0.14	3	580	27	4.2	5	191	0.11	98	10	32	20
JM RC-22-05	142	144	104693 EXT		0.484	0.5	7.69	10	240	0.8	2	0.07	0.5	9	4	1910	2.83	1.5	0.2	31	26	0.17	2	790	36	2.25	5	345	0.12	69	10	20	10
JM RC-22-05	144	146	104694 EXT		0.556	0.5	6.65	30	190	0.8	3	0.06	0.5	7	3	4350	2.89	1.49	0.19	39	29	0.21	3	670	43	2.22	5	268	0.15	53	10	26	10
JM RC-22-05	146	148	104695 EXT		0.514	0.5	7.49	16	170	0.8	2	0.08	0.7	11	2	5210	3.53	1.49	0.28	75	25	0.17	3	710	45	3.34	5	218	0.15	98	10	19	40
JM RC-22-05	148	150	104696 EXT		0.262	0.5	7.09	19	90	0.6	2	0.08	0.6	7	2	3770	3.84	1.88	0.17	36	19	0.15	5	630	31	4.72	5	258	0.1	67	10	17	20
JM RC-22-05	150	152	104697 EXT		0.277	0.6	7.69	398	110	0.6	2	0.07	0.6	8	2	4130	3.8	1.83	0.17	31	13	0.24	2	710	53	4.37	5	303	0.14	98	10	22	80
JM RC-22-05	152	154	104698 EXT		0.196	1.8	6.84	630	80	0.5	2	0.05	0.8	11	3	3360	3.58	1.9	0.08	36	25	0.21	5	570	41	6.81	5	252	0.1	97	10	15	60
JM RC-22-05	154	156	104699 EXT		0.229	0.5	7.27	196	90	0.5	2	0.05	0.7	10	2	4720	4.1	1.99	0.19	32	14	0.14	2	650	29	6.84	5	243	0.11	98	10	17	60
JM RC-22-05	156	158	104700 ORG		0.228	0.8	6.4	1175	100	0.5	4	0.08	0.6	9	3	3980	3.52	1.67	0.11	40	13	0.15	4	650	43	4.74	12	318	0.12	83	10	19	70
JM RC-22-05	158	160	104702 EXT		0.146	1.5	6.43	930	90	0.5	2	0.08	0.7	7	2	3670	3.37	1.38	0.09	37	16	0.12	8	610	35	4.66	15	303	0.11	82	10	17	40
JM RC-22-05	160	162	104703 EXT		0.262	1.8	6.71	1495	170	0.5	7	0.08	0.5	4	3	4170	2.83	2.15	0.16	40	35	0.12	5	660	46	3.32	16	267	0.11	82	10	24	80
JM RC-22-05	162	164	104704 EXT		0.393	1.8	5.77	1105	130	0.5	7	0.08	0.5	6	2	3220	4.2	1.63	0.14	56	41	0.1	6	710	59	4.66	18	258	0.1	96	10	22	80
JM RC-22-05	164	166	104705 EXT		0.222	1.4	7.55	1440	150	0.5	7	0.08	0.5	3	4	3660	3.53	1.81	0.16	33	42	0.1	5	740	45	4.15	11	274	0.1	95	10	18	80
JM RC-22-05	166	168	104706 EXT		0.277	1.4	7.53	1585	130	0.5	6	0.08	0.5	4	3	3650	3.64	2.26	0.16	42	41	0.11	4	660	35	4.06	13	282	0.13	94	10	22	80
JM RC-22-05	168	170	104707 EXT		0.351	1.2	8.27	1670	120	0.5	15	0.04	0.5	4	2	5410	3.82	2.05	0.19	66	66	0.1	7	540	36	4.16	30	216	0.1	82	10	17	80
JM RC-22-05	170	172	104701 EXT		0.318	1.1	6.2	712	250	0.5	5	0.03	0.5	1	3	1990	2.82	1.66	0.14	53	29	0.1	3	390	36	2.09	9	129	0.1	58	10	17	60
JM RC-22-05	172	174	104709 EXT		0.279	1.9	7.13	1435	90	0.5	14	0.06	0.5	6	2	5230	3.8	1.82	0.12	39	46	0.1	7	670	59	5.39	30	243	0.13	86	10	22	40
JM RC-22-05	174	176	104710 EXT		0.384	2	5.98	2160	100	0.5	9	0.04	0.5	9	11	5640	3.52	1.9	0.1	46	54	0.1	7	800	59	4.52	32	196	0.1	98	10	22	70
JM RC-22-05	176	178	104711 EXT		0.184	1.9	4.22	1680	60	0.5	10	0.03	0.5	7	10	4660	3.14	1.16	0.04	42	32	0.12	11	860	58	4.68	25	222	0.04	30	10	34	110
JM RC-22-05	178	180	104712 EXT		0.219	2.8	4.59	2130	110	0.5	8	0.03	0.5	10	1	5700	3.46	1.7	0.1	50	40	0.07	5	540	44	4.21	39	114	0.05	25	10	19	130
JM RC-22-05	180	182	104713 EXT		0.329	1.7	4.12	2060	100	0.5	10	0.02	0.5	4	1	5770	3.94	1.99	0.09	45	49	0.04	3	360	36	4.83	7	88	0.04	18	10	17	160
JM RC-22-05	182	184	104714 EXT		0.122	1.9	4.3	1095	90	0.5	9	0.02	0.5	11	1	6130	3.46	0.42	0.02	30	77	0.1	8	850	67	4.68	22	434	0.02	6	10	11	70
JM RC-22-05	184	186	104715 EXT		0.173	1.6	7.01	675	40	0.8	12	0.1	0.5	8	12	5250	5.67	1.3	0.06	26	36	0.19	7	1120	261	7.63	19	334	0.19	106	10	13	30
JM RC-22-05	186	188	104716 EXT		0.152	1.2	6.79	630	40	0.6	12	0.14	0.5	11	14	3560	7.63	1.92	0.1	32	37	0.29	7	1820	401	8.64	5	428	0.14	158	10	15	70
JM RC-22-05	188	190	104717 EXT		0.295	0.7	8.32	34	280	0.8	9	0.06	0.5	13	16	1930	3.89	1.84	0.48	44	58	0.34	8	860	36	2.89	5	244	0.23	154	10	54	10
JM RC-22-05	190	192	104718 EXT		0.268	1	9.11	19	330	0.9	9	0.09	0.5	13	14	2220	4.66	2.03	0.9	74	41	0.29	13	840	62	3.68	5	261	0.24	192	10	84	10
JM RC-22-05	192	194	104719 EXT		0.256	0.8	9.33	11	620	1	7	0.08	0.5	12	10	2840	5.1	2.1	1.36	186	87	0.28	11	860	36	1.98	5	227	0.28	187	10	122	10
JM RC-22-05	194	196	104720 EXT		0.284	0.8	9.46	15	350	1	7	0.09	0.5	15	19	2260	4.87	1.72	1.02	116	99	0.26	10	850	36	2.63	5	227	0.26	166	10	62	10
JM RC-22-05	196	198	104721 EXT		0.198	0.5	8.24	12	360	0.8	8	0.08	0.5	16	43	1430	5.73	1.91	2.09	201	44	0.32	31	1040	16	1.42	5	239	0.31	180	10	136	10
JM RC-22-05	198	200	104722 EXT		0.198	0.5	9.19	13	380	0.8	11	0.11	0.5	9	18	840	5.79	2.12	1.37	204	31	0.29	16	1260	20	1.4	5	262	0.35	205	10	114	20
JM RC-22-05	200	202	104723 EXT		0.284	0.8	8.54	16	460	0.9	7	0.07	0.5	14	16	1625	6.49	2.11	1.23	148	72	0.27	12	760	30	2.24	5	307	0.26	162	10	86	10
JM RC-22-05	202	204	104724 EXT		0.175	0.6	8.99	9	330	1	8	0.12	0.5	9	20	1950	6.24	1.7	1.69	249	31	0.34	9	1150	19	1.23	5	288	0.36	212	10	146	10
JM RC-22-05	204	206	104725 EXT		0.194	0.7	8.44	11	400	1	8	0.1	0.5	16	20	950	5.48	1.83	1.42	196	23	0.24	11	1080	16	0.73	5	188	0.35	196	10	148	10
JM RC-22-05	206	208	104726 EXT		0.268	0.9	8.97	17	330	1.1	8	0.11	0.5	9	13	910	5.71	1.9	1.53	136	43	0.23	12	1080	49	1.08	5	307	0.25	174	10	116	10
JM RC-22-05	208	210	104727 EXT		0.139	0.5	9.13	14	340	1.1	11	0.15	0.5	11	27	9970	5.62	1.7	1.79	274	39	0.21	12	1570	16	0.6	5	224	0.3	209	10	122	10
JM RC-22-05	210	212	104728 ORG		0.291	0.5	8.14	14	400	1.1	7	0.13	1	16	6	1910	4.46	1.78	1.46	170	39	0.29	12	1420	12	1.14	5	183	0.28	157	10	162	10
JM RC-22-05	212	214	104730 EXT		0.297	0.5	9.28	12	220	0.9	7	0.11	0.5	12	19	2000	4.39	2.54	0.62	79	47	0.24	12	980	22	3.24	5	216	0.2	144	10	98	10
JM RC-22-05	214	216	104731 EXT		0.256	0.6	7.46	5	430	0.8	6	0.1	0.5	10	14	2000	4.06	2	0.75	69	210	0.25	10	1070	33	2.44	5	225	0.22	146	10	78	10
JM RC-22-05	216	218	104732 EXT		0.238	0.5	8.12	7	170	0.8	7	0.11	0.5	12	10	1345	4.18	2.08	0.44	38	80	0.26	12	1080	61	4.36	5	264	0.19	162	10	63	10
JM RC-22-05	218	220	104733 EXT		0.244	0.4	8.61	5	160	0.8	6	0.13	0.5	10	10	1160	4.58	2.15	0.47	58	46	0.3	13	1360	34	3.77	5	305	0.16	160	10	75	10
JM RC-22-05	220	222	104734 EXT		0.333	1.3	9	16	210	1.2	7	0.15	0.5	16	14	3880	6.14	2.4	0.82	85	54	0.36	13	1540	34	3.9	6	383	0.23	157	10	160	10
JM RC-22-05	222	224	104735 EXT		0.345	1	9	6	480	1.3	7	0.12	0.5	15	16	2580	4.35	2.08	1.17	126	83	0.25	15	1310	33	3.35	5	213	0.23	160	10	118	10
JM RC-22-05	224	226	104736 EXT		0.292	0.7	8.77	16	470	1.1	7	0.11	0.5	12	18	2250	4.78	2.18	1.36	144	54	0.29	14	1250	25	1.82	5	196	0.26	162	10	108	10
JM RC-22-05	226	228	104737 EXT		0.24	0.5	8.38	7	480	1	6	0.13	0.5	16	20	1495	4.61	2.06	1.66	214	56	0.34	19	1340	21	1.64	5	165	0.24	182	10	140	10
JM RC-22-05	228	230	104738 EXT		0.266	0.5	9.15	12	370	1.1	7	0.13	0.5	15	18	1955	4.61	1.94	1.88	225	54	0.23	16	1340	27	1.84	5	212	0.25	168	10	156	10
JM RC-22-05	230	232	104739 EXT		0.29	0.7	8.3	14	360	1	6	0.12	0.5	10	30	1945	4.56	2.02	1.42	184	72	0.22	37	1330	16	2.73	5	218	0.21	164	10	135	10
JM RC-22-05	232	234	104740 EXT		0.168	0.5	8.42	9	350	1	9	0.12	0.5	16	18	1388	3.88	2.06	1.16	136	40	0.3	15	1280	33	2.9	5	213	0.2	164	10	100	10
JM RC-22-05	234	236	104741 EXT		0.234	0.5	8.58	7	210	0.9	7	0.12	0.5	14	15	1765	4.45	1.96	0.82	73	15	0.24	11	1110	32	3.68	5	211	0.19	158	10	98	10
JM RC-22-05	236	238	104742 EXT		0.234	0.5	8.39	8	460	0.9	7	0.1	0.5	14	21	1735	4.19	2.14	0.92	79	65	0.21	16	1020	23	2.66	5	195	0.21	148	10	73	10
JM RC-22-05	238	240	104743 EXT		0.266	0.5	8.47	15	380	1.1	8	0.1	0.5	12	14	1780	4.27	2.3	0.72	82	100	0.17	19	980	33	3.63	5	205	0.22	148	10	98	10
JM RC-22-05	240	242	104744 EXT		0.304	1.3	7.38	15	140	0.8	7	0.06	0.5	6	9	3260	3.86	2.21	0.3	36	61	0.14	6	760	49	4.46	5	162	0.17	97	10	30	60
JM RC-22-05	242	244	104745 EXT		0.258	0.7	8.64	8	130	0.8	5	0.04	0.5	9	1	2730	3.85	2.36	0.14	44	39	0.08	5	650	34	4.08	5	77	0.05	33	10	9	20
JM RC-22-05	244	246	104748 EXT		0.291	0.8	9.06	29	150	0.8	6	0.02	0.5	4	1	3190	3.14	2.06	0.16	35	30	0.08	4	350	23	3.67	5	54	0.04	20	10	34	30
JM RC-22-05	246	248	104747 EXT		0.268	0.7	9.14	73	80	0.7	7	0.04	0.5	6	1	3520	4.04	2.06	0.14	46	56	0.08	4	460	44	4.78	5	102	0.04	22	10	25	30
JM RC-22-05	248	250	104746 EXT		0.348	0.8	7.79	10	140	1.1	7	0.08	0.5	10	11	3000	4.49	2.27	0.43	40	45	0.14	8	900	36	4.89	5	205	0.15	114	10	56	10
JM RC-22-05	250	252	104748 EXT		0.446	0.8	8.36	5	150	1.1	8	0.12	0.5	15	13	2800	4.87	2.24	0.58	52	29	0.13	12	1240	39	4.47	5	251	0.19	146	10	52	10
JM RC-22-05	252	254	104750 ORG		0.278	0.5	8.01	13	330	1	8	0.11	0.5

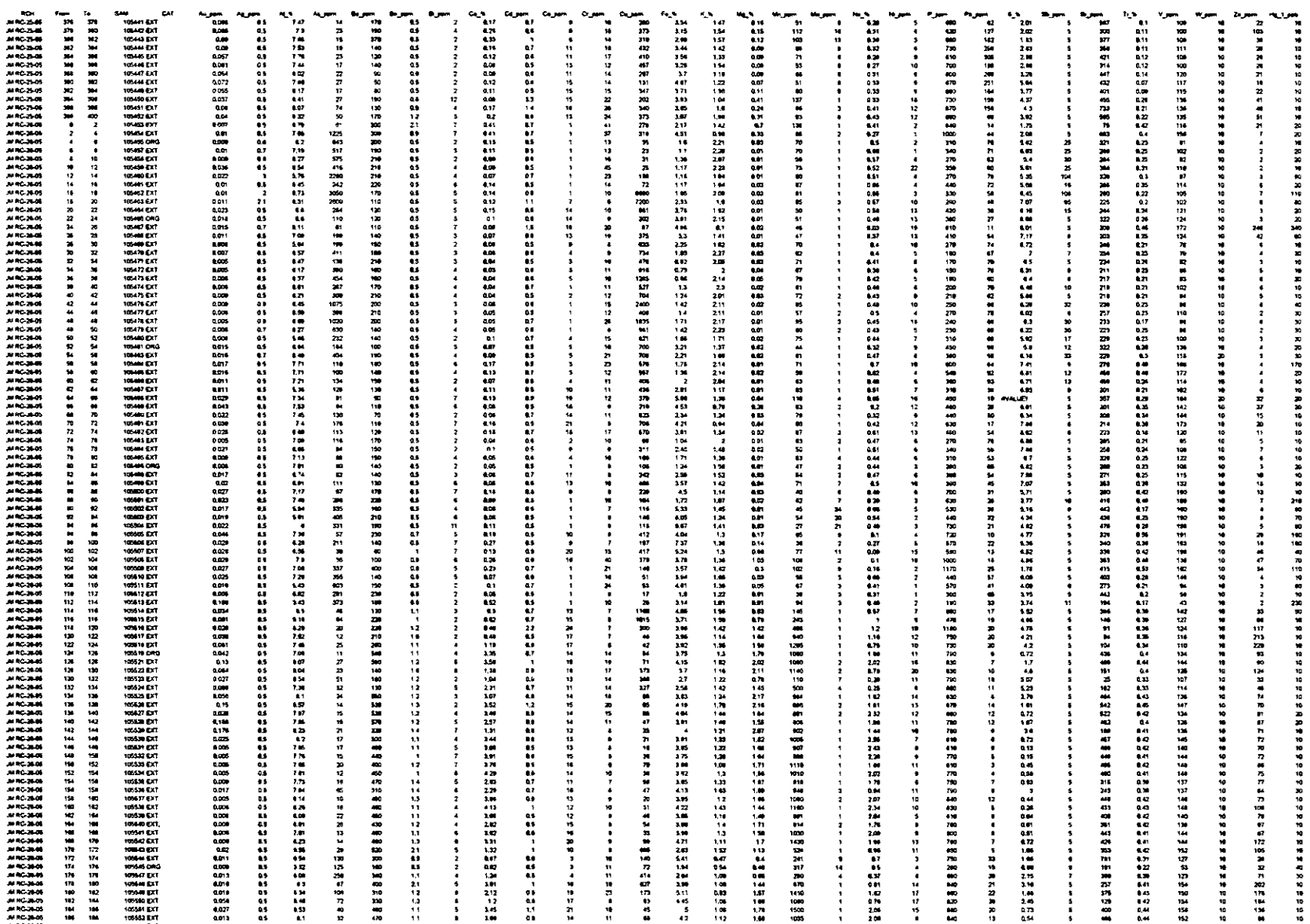
RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-23-05	52	54	1046480	EXT	0.006	0.5	3.48	16	110	0.5	2	0.13	0.5	2	8	16	1.74	1	0.02	54	4	0.43	1	360	31	3.22	7	266	0.21	86	10	4	10
JM RC-23-05	54	56	1046481	EXT	0.012	0.5	2.16	15	160	0.5	3	0.09	0.5	3	6	30	2.15	0.59	0.01	45	3	0.25	4	310	29	1.86	9	263	0.16	61	10	5	10
JM RC-23-05	56	58	1046482	EXT	0.006	0.5	0.54	22	100	0.5	3	0.07	0.5	3	4	31	2.93	0.17	0.01	63	6	0.06	29	210	24	0.54	10	267	0.23	66	10	5	10
JM RC-23-05	58	60	1046483	EXT	0.006	0.5	4.25	9	80	0.5	2	0.14	0.5	1	11	10	1.54	1.19	0.01	40	5	0.44	5	540	77	3.15	10	467	0.27	96	10	2	10
JM RC-23-05	60	62	1046484	ORG	0.006	0.5	0.51	21	90	0.5	3	0.16	0.5	1	4	22	2.55	0.06	0.01	31	4	0.06	1	660	64	3.73	9	486	0.27	139	10	2	10
JM RC-23-05	62	64	1046485	EXT	0.006	0.5	0.16	46	100	0.5	2	0.22	0.5	1	4	68	5.09	1.06	0.01	37	4	0.45	1	670	75	3.79	9	574	0.1	142	10	4	10
JM RC-23-05	64	66	1046487	EXT	0.006	0.5	0.05	21	110	0.5	2	0.19	0.5	1	4	66	3.71	1.63	0.01	37	2	0.56	1	600	108	5.26	5	437	0.1	111	10	2	10
JM RC-23-05	66	68	1046488	EXT	0.006	0.5	5.83	21	110	0.5	2	0.11	0.5	1	10	30	2.18	1.79	0.01	53	4	0.35	1	530	105	4.63	5	740	0.14	85	10	3	10
JM RC-23-05	68	70	1046489	EXT	0.013	0.5	6.48	27	230	0.5	3	0.12	0.5	1	12	116	3.63	1	0.01	33	3	0.28	2	790	162	3.98	7	367	0.24	125	10	5	20
JM RC-23-05	70	72	1046490	EXT	0.024	0.5	4.56	30	130	0.5	2	0.1	0.5	1	12	80	4.44	1.13	0.01	56	5	0.29	3	630	63	3.41	6	532	0.15	92	10	2	40
JM RC-23-05	72	74	1046491	EXT	0.013	0.5	6.44	31	140	0.5	2	0.18	0.5	1	13	116	4.29	0.65	0.02	52	5	0.18	1	620	42	1.98	5	574	0.27	125	10	3	30
JM RC-23-05	74	76	1046492	EXT	0.019	0.5	7.81	29	360	0.5	2	0.15	0.5	1	14	132	4.19	0.62	0.02	52	5	0.19	1	740	74	1.72	5	684	0.15	124	10	2	20
JM RC-23-05	76	78	1046493	EXT	0.013	0.5	7.91	19	290	0.5	2	0.1	0.5	1	14	88	2.8	0.41	0.03	35	4	0.07	1	650	13	0.46	5	517	0.09	123	10	2	30
JM RC-23-05	78	80	1046494	EXT	0.008	0.5	7.64	42	230	0.5	4	0.26	0.5	1	14	91	4.31	1.2	0.05	35	4	0.25	1	820	33	2.24	5	678	0.16	124	10	5	20
JM RC-23-05	80	82	1046495	EXT	0.006	0.5	6.99	30	430	0.5	2	0.09	0.5	1	13	26	2.74	1.47	0.15	56	2	0.38	1	960	3	1.6	6	456	0.43	101	10	2	10
JM RC-23-05	82	84	1046496	EXT	0.006	0.5	7.29	32	360	0.5	2	0.13	0.5	1	14	34	3.81	1.4	0.15	52	2	0.18	1	730	4	0.79	5	615	0.39	124	10	2	30
JM RC-23-05	84	86	1046497	EXT	0.007	0.5	6.53	63	130	0.5	3	0.14	0.5	1	15	74	2.71	1.36	0.01	41	5	0.43	3	660	38	4.15	5	601	0.2	142	10	3	30
JM RC-23-05	86	88	1046498	EXT	0.005	0.5	8.38	72	40	0.5	2	0.03	0.5	1	7	51	2.18	0.12	0.01	56	5	0.02	1	160	4	0.3	7	44	0.15	30	10	4	10
JM RC-23-05	88	90	1046499	EXT	0.01	0.5	2.49	36	160	0.5	2	0.09	0.5	1	12	72	2.67	0.77	0.01	42	4	0.27	3	380	67	2.56	12	577	0.14	43	10	2	10
JM RC-23-05	90	92	1046500	EXT	0.01	0.5	7.9	66	170	0.5	2	0.1	0.5	1	12	170	5.18	1.44	0.03	31	6	0.48	2	580	94	3.77	8	664	0.23	127	10	2	10
JM RC-23-05	92	94	1046501	EXT	0.009	0.5	6.8	35	570	1.5	2	0.1	0.5	1	9	38	4.26	1.36	0.16	39	1	0.1	1	640	2	0.52	5	522	0.48	146	10	12	30
JM RC-23-05	94	96	1046502	EXT	0.009	0.5	9.73	5	1270	1.2	2	0.08	0.5	1	6	88	0.57	0.67	0.15	45	2	0.16	1	470	6	1.8	5	348	0.17	136	10	11	20
JM RC-23-05	96	98	1046503	EXT	0.009	0.5	9.27	23	660	1.6	2	0.08	0.5	1	9	56	0.61	1.13	0.2	77	2	0.37	3	480	4	1.47	7	154	0.46	134	10	17	10
JM RC-23-05	98	100	1046504	EXT	0.006	0.5	8.4	29	530	1.1	2	0.1	0.5	1	9	60	1.4	1.8	0.16	67	1	0.39	6	470	16	1.68	5	116	0.48	112	10	12	10
JM RC-23-05	100	102	1046505	EXT	0.006	0.5	8.12	25	330	1.7	2	0.27	0.5	1	9	78	1.66	1.3	0.23	136	1	0.44	5	530	6	2.22	5	91	0.43	113	10	22	40
JM RC-23-05	102	104	1046506	EXT	0.006	0.5	9.99	42	420	1.2	2	0.07	0.5	1	9	146	3.15	1.43	0.25	150	1	0.4	1	630	7	2.01	5	502	0.43	143	10	16	40
JM RC-23-05	104	106	1046507	EXT	0.005	0.5	9.52	66	370	1.2	2	0.45	0.5	1	10	124	1.39	1.21	0.15	56	4	0.12	1	530	4	1.83	7	317	0.47	165	10	16	30
JM RC-23-05	106	108	1046508	EXT	0.005	0.5	9.48	57	600	1	2	0.82	0.5	1	9	74	1.64	0.63	0.16	136	2	0.45	1	610	2	1.86	5	185	0.38	139	10	16	30
JM RC-23-05	108	110	1046509	ORG	0.005	0.5	9.36	17	540	0.8	2	0.13	0.5	1	9	66	2.24	1.91	0.52	195	2	0.24	1	900	2	1.05	5	96	0.48	148	10	13	70
JM RC-23-05	110	112	1046511	EXT	0.013	0.5	8.9	49	360	1	4	0.87	1	2	24	96	3.38	1.33	0.52	160	2	0.29	1	460	4	1.24	5	174	0.38	164	10	11	30
JM RC-23-05	112	114	1046512	EXT	0.014	0.5	8.53	32	340	0.8	5	0.23	0.5	1	7	30	2.54	2.04	0.16	60	2	0.01	3	620	22	1.36	5	421	0.36	161	10	5	10
JM RC-23-05	114	116	1046513	EXT	0.012	0.5	8.62	30	460	0.8	5	0.11	0.5	1	6	46	4.24	1.26	0.11	43	2	1.12	2	1140	48	1.76	5	586	0.18	129	10	4	10
JM RC-23-05	116	118	1046514	EXT	0.01	0.5	8.81	16	540	0.7	5	0.12	0.6	2	5	116	4.9	1.5	0.36	68	2	0.67	5	970	20	1.36	5	394	0.21	168	20	16	70
JM RC-23-05	118	120	1046515	EXT	0.007	0.5	9.64	5	660	0.6	5	0.27	0.5	3	9	223	2.48	1.44	0.36	82	1	0.8	4	540	15	1.14	5	516	0.25	168	10	12	10
JM RC-23-05	120	122	1046516	EXT	0.007	0.5	10.05	31	340	1.3	7	0.12	0.6	4	9	361	2.35	1.44	0.47	115	1	0.7	4	540	14	2.8	5	304	0.3	194	20	18	10
JM RC-23-05	122	124	1046517	EXT	0.004	0.5	10.3	39	160	1.2	4	0.17	0.6	7	10	94	2.91	1.3	0.54	152	1	0.79	10	780	48	3.91	5	66	0.31	172	10	16	30
JM RC-23-05	124	126	1046518	EXT	0.005	0.5	9.08	19	430	1.1	5	0.11	0.5	6	9	177	2.71	1.54	0.65	170	1	0.86	21	700	62	2.58	5	44	0.28	172	10	190	10
JM RC-23-05	126	128	1046519	EXT	0.009	0.5	9.05	23	970	1	5	0.12	0.5	4	21	258	3.89	1.7	0.91	225	1	0.46	16	930	36	0.87	5	66	0.33	174	10	130	10
JM RC-23-05	128	130	1046520	EXT	0.005	0.5	7.83	23	860	0.6	4	0.29	0.5	4	8	84	3.81	1.6	0.46	169	1	0.57	7	640	18	1.38	5	201	0.38	154	10	13	10
JM RC-23-05	130	132	1046521	EXT	0.017	0.5	8.22	77	670	0.7	5	0.06	0.5	4	9	36	2.95	1.7	0.5	125	1	0.04	5	530	30	1.4	5	139	0.29	144	10	41	10
JM RC-23-05	132	134	1046522	EXT	0.015	0.5	8.11	54	360	0.7	3	0.56	0.7	7	65	36	3.87	1.79	0.49	225	1	0.06	27	960	44	2.27	5	166	0.26	163	10	63	10
JM RC-23-05	134	136	1046523	EXT	0.012	0.5	7.49	60	170	0.7	7	0.14	0.5	2	9	34	6.91	1.64	0.22	83	1	1.27	3	630	29	3.21	5	238	0.13	146	10	17	10
JM RC-23-05	136	138	1046524	EXT	0.015	0.5	7.69	52	370	0.7	8	0.2	0.5	3	7	33	3.72	1.62	0.37	117	1	0.64	3	380	32	1.73	5	197	0.21	154	10	16	10
JM RC-23-05	138	140	1046525	EXT	0.009	0.5	7.67	38	290	0.6	7	0.24	0.5	4	11	37	3.37	1.62	0.38	126	1	0.51	3	600	29	1.58	5	179	0.36	154	10	14	20
JM RC-23-05	140	142	1046526	EXT	0.006	0.5	8.04	36	530	1.2	2	0.29	0.5	2	15	52	4.65	2.61	0.48	114	1	0.57	1	1050	14	2.66	5	501	0.57	146	10	23	20
JM RC-23-05	142	144	1046527	EXT	0.007	0.5	9	44	240	1.1	3	0.56	0.5	10	38	382	2.58	1.62	0.9	188	1	0.23	16	900	12	3	5	235	0.26	116	10	39	30
JM RC-23-05	144	146	1046528	EXT	0.01	0.5	8.95	68	140	0.9	11	0.57	0.5	26	18	1360	4.11	0.82	0.63	122	1	0.15	12	1000	36	0.91	6	116	0.07	173	10	23	30
JM RC-23-05	146	148	1046529	EXT	0.006	0.5	10.4	55	360	2.2	5	0.95	0.5	17	16	560	2.14	0.9	0.35	149	1	0.13	6	660	16	2.9	5	152	0.34	174	20	74	30
JM RC-23-05	148	150	1046530	EXT	0.006	0.5	9.71	30	530	1.6	5	3.84	1.2	16	23	113	3.15	1.42	0.83	667	2	1.72	20	640	15	1.9	5	384	0.45	153	10	195	10
JM RC-23-05	150	152	1046531	EXT	0.006	0.5	8.25	23	470	1.2	6	2.36	0.9	29	15	58	4.67	1.24	1.84	1625	11	2.07	19	830	11	6.66	5	301	0.43	142	10	271	10
JM RC-23-05	152	154	1046532	EXT	0.005	0.5	6.2	5	470	1.2	6	2.56	0.9	30	45	47	4.45	1.4	1.96	1525	11	2.32	26	630	10	6.48	5	343	0.48	152	10	164	20
JM RC-23-05	154	156	1046533	EXT	0.01	0.5	8.89	39	450	1.3	7	2.89	0.5	33	18	54	4.67	1.52	1.9	1810	4	2.2	30	910	12	7.08	5	341	0.46	154	10	164	20
JM RC-23-05	156	158	1046534	EXT	0.012	0.5	8.53	46	360	1.3	5	3.67	0.5	32	11	58	4.72	1.76	1.93	1770	1	2.81	11	880	14	8.21	5	402	0.47	166	10	134	10
JM RC-23-05	158	160	1046535	EXT	0.014	0.5	8.15	36	460	1.2	5	3.37	0.5	19	33	84	4.64	1.56	1.86	1175	1	2.6	17	840	15	8.17	5	414	0.47	154	10	85	10
JM RC-23-05	160	162	1046536	ORG	0.006	0.5	8.37	11	470	1.2	3	3.6	0.5	20	35	108	4.09	1.82	1.87	1180	1	2.81	20	870	17	8.23	5	403	0.47	153	10	86	10
JM RC-23-05	162	164	1046538	EXT	0.006	0.5	8.89	17	560	1.3	6	3.72	0.5	24	12	118	4.5	1.86	1.84	1315	1	3.1	11	860	12	9.06	6	488	0.5	162	10	114	10
JM RC-25-05	164	166	1046539	EXT	0.005	0.5	8.74	13	580	1.3	2	4.18	0.5	26	17	60	4.26	1.8	1.96	1115	1	2.99	34	840	13	9.14	6	477	0.51	168	10	105	10
JM RC-23-05	166	168	1046540	EXT	0.006	0.5	7.66	5	510	1.1	5	4.01	0.5	30	12	78	4.15	1.84	1.86	1080	2	2.69	10	850	21	8.98	5	454	0.5	155	20	92	10
JM RC-23-05	168	170	1046541	EXT	0.005	0.5	8.67	11	460	1.4	5	3.67	0.7	25	32	139	4.47	1.58	1.82	1300	1	2.9	21	840	15	8.06	5	478	0.52	172	10	190	30
JM RC-23-05	170	172	1046542	EXT	0.006	0.5	7.54	12	410	1.2	4	3.29	0.7	25	11	67	4.24	1.2	1.6	1425	1	2.49	12	810	16	8.01	5	430	0.43	144	10	126	30
JM RC-23-05	172	174	1046543	EXT	0.008	0.5	8.85	11	500	1.4	2	3.33	0.8	26	10	114	4.66	1.44	1.86	1300	1	2.66	15	880	16	9.09	5	429	0.48	167	10	167	30
JM RC-25-05	174	176	1046544	EXT	0.011	0.5	8.62	9	440	1.4	7	3.7	0.7	22	11	92	4.55	1.7	1.85	1135	1	2.68	11	840	10	8.02	5	479	0.5	167	10	133	20
JM RC-23-05	176	178	1046545	EXT	0.006	0.5	8.07	17	460	1.2	7	3.5	0.8	20	12	71	3.98	1.53	1.6	1045	1	2.74	12	830	11	8.01	5	482	0.48	166	10	107	10
JM RC-23-05	178	180	1046546	EXT	0.006	0.5	8	15	470	1.2	2	4.05	0.5	17	78	48	4.08	1.58	1.62	1010	1	2.76	29	840	9	8.02	6	478	0.48	152	10	87	10
JM RC-23-05	180	182	1046547	EXT	0.006	0.5	8.19	5	470	1.3	6	4.14	0.5	21	10	79	3.95	1.55	1.67	992	2	2.58	13	840	11	8.08	5	466	0.48	162	20	88	10
JM RC-23-05	182	184	1046548	EXT	0.005	0.5	8.13	5	470	1.3	7	3.98	0.5	22	10	109	3.98	1.58	1.68	1115	2	2.48	12	820	10	8.11	5	441	0.48	160	10	87	10
JM RC-23-05	184	186	1046549	EXT	0.006	0.5	8.46	5	480	1.4	7	3.93	0.5	20	10	136	3.98	1.24	1.9	1200	2	2.36	19	780	9	8.12	7	441	0.45	161	10	120	10
JM RC-23-05	186	188	1046550	EXT	0.007	0.5	8.79	25	540	1.1	4	2.51	0.5	21	10	156	4.79	1.17	0.96	793	6	1.36	13	840	9	6.5	6	377	0.45	170	10	108	10
JM RC-23-05	188	190	1046551	EXT	0.006	0.5	8.64	15	540	1.8	7	2.66	0.5	42	10	213	4.22	1.32	1.39	1495	2	2.21	19	840	10	8.16	11	370	0.48	172	10	164	10
JM RC-23-05	190	192	1046552	EXT	0.006	0.5	8.64	11	480	1.6	7	3.02	0.5	42	10	229	4.09	1.5	1.44	1695	1	2.19	17	840	12	8.01	6	385	0.48	163	10	158	10
JM RC-23-05	192	194	1046553	EXT	0.005	0.5	8.68	5	480	1.3	4	1.64	0.5	37	6	244	4.29	1.1	0.98	1135	3	1.68	14	810	6	5.22	6	315	0.44	154	10	88	10
JM RC-23-05	194	196	1046554	EXT	0.005	0.5	9.09	11	540	1.2	9	0.56	0.5	15	9	137	3.03	1.28	0.5	272	1	1.44	6	800	10	5.16	6	345	0.45	148	10	88	10
JM RC-23-05	196	198	1046555	EXT	0.006	0.5	8.8	9	520	1.2	9	1	0.5	31	9	240	5.31	1.3	0.75	780	1	1.16	15	820	6	6.16	6	376	0.41	157	10	174	10
JM RC-23-05	198	200	1046556	EXT	0.006	0.5	8.39	10	520	1.6	4	2.79	0.6	99	6	301	4.01	1.08	1.12	2420	1	1.98	20	790	7	6.09	6	309	0.43	152	10	201	10
JM RC-23-05	200	202	1046557	EXT	0.005	0.5	9.24	5	510	1.2	5	1.18	0.6	33	7	244	4.35	1.12	0.44	1060	2	1.39	12	730	4	6.14	10	322	0.43	146	10	154	10
JM RC-23-05	202	204	1046558	EXT	0.005	0.6	9.25	6	540	1.2	4	0.73	0.5	17	7	235	4.35	1.06	0.78	954	2	1.3	8	740	7	6.13	10	186	0.42	150	10	138	80
JM RC-23-05	204	206	1046559	ORG	0.005	0.6	9.13	11	510	1.2	7	1.11	0.6	31	7	222	4.39	1.22	0.88	919	2	1.44	12	710	8	6.1	11	201	0.43	154	10	162	80
JM RC-23-05	206	208	1046561	EXT	0.005	0.5	10.1	26	700	1.3	7	0.42	0.5	9	4	114	2.98	1.26	0.47	301	3	0.62	8	760	11	0.17	7	277	0.48	156	20	75	30
JM RC-23-05	208	210	1046562	EXT	0.006	0.5	9.76	10	340	1.2	8	0.16	0.5	5	9	105	3.82	1.2	0.26	79	3	0.08	6	1060	6	0.56	9	414	0.48	179	10	25	40
JM RC-23-05	210	212	1046563	EXT	0.006	0.5	8.68	67	150	0.6	8	0.13	0.5	4	5	35	3.34	0.73	0.11	40	14	0.06	8	960	15	0.29	13	517	0.46	182	10	14	10
JM RC-23-05	212	214	1046564	EXT	0.005	0.5	8.16	124	280	1.1	8	0.14	0.5	8	7	74	4.8	1.24	0.21	100	11	0.09	8	880	36	0.83	9	586	0.38	147	10	38	10
JM RC-23-05	214	216	1046565	EXT	0.005	0.5	8.38	107	170	0.8	8	0.09	0.5	8	7	66	5.51	0.71	0.11	43	20	0.05	1	1040	45	0.56	10	873	0.25	145	10	14	20
JM RC-23-05	216	218	1046566	EXT	0.005	0.5	10.1	166	140	0.5	8	0.07	0.5	4	8	34	5.45	0.14	0.02	15	29	0.06	3	1230	176	0.44	13	1800	0.22	124	30	8	10
JM RC-23-05	218	220	1046567	EXT	0.005	0.5	9.91	54	250	0.5	6	0.09	0.5	3	7	17	3.25	0.07	0.02	27	47	0.05	2	1040	11	0.35	10	945	0.24	112	10	6	10
JM RC-23-05	220	222	1046568	EXT	0.005	0.5	8.88	70	330	0.5	7	0.12	0.5	3	9	15	3.18	0.07	0.03	39	13	0.07	2	880	35	0.35	11	458	0.2	160	10	5	10
JM RC-23-05	222	224	1046569	EXT	0.005	0.5	7.95	46	180	0.5	7	0.06	0.5	3	9	19	1.88	0.04	0.02	25	18	0.03	1	670	33	0.2	9	268	0.08	136	10	4	10
JM RC-23-05	224	226	1046570	EXT	0.005	0.5	7.7	40	860	0.5	6	0.1	0.6	3	8	53	2.43	0.13	0.03	31	4	0.02	1	810	34	0.17	10	251	0.49	164	10	15	180
JM RC-23-05	226	228	1046571	EXT	0.007	0.5	7.85	43	370	0.6	7	0.11	0.5	4	10	67	3.24	1.16	0.16	53	3	0.1	1	690	17	0.53	14	279	0.32	166	10	110	10
JM RC-23-05	228	230	1046572	EXT	0.005	0.5	7.37	34	270	0.5	7	0.12	0.5	2	8	32	3.98	0.99	0.4	47	5	0.11	4	720	39	0.7	8	324	0.39	166	10	6	10
JM RC-23-05	230	232	1046573	EXT	0.006	0.5	8.25	16	250	0.5	4	0.08	0.5	3	9	15	1.4	0.76	0.04	35	4	0.25	3	880	42	1.74	8	352	0.32	118	10	7	20
JM RC-23-05	232	234	1046574	EXT	0.008	0.5	8.66	8	200	0.5	7	0.1	0.5	2	10	13	1.16	0.77	0.05	48	6	0.24	1	790	39	1.77	14	652	0.32	124	10	9	20
JM RC-23-05	234	236	1046575	EXT	0.008	0.5	8.75	29	310	0.5	6	0.07	0.5	3	9	42	4.16	0.77	0.05	44	8	0.25	2	730	31	1.82	10	601	0.37	136	10	11	10
JM RC-23-05	236	238	1046576	EXT	0.008	0.5	7.87	6



RCH	From	To	BAM	CAT	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	La_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_T_ppb
JM RC-24-05	108	110	105104 EXT		0.008	0.5	5.21	14	250	0.5	2	0.01	0.5	4	5	54	1.38	1.7	0.01	63	3	0.17	4	230	65	2.76	5	117	0.01	12	10	20	10
JM RC-24-05	110	112	105105 EXT		0.008	0.5	8.91	36	160	1	2	0.02	0.5	6	10	98	2.15	2.5	0.11	63	2	0.18	7	460	95	3.5	5	164	0.09	21	10	30	10
JM RC-24-05	112	114	105106 EXT		0.008	0.5	6.73	44	160	0.5	2	0.02	0.5	7	8	100	2.7	2.18	0.09	78	4	0.19	4	420	139	3.91	5	202	0.12	24	10	23	10
JM RC-24-05	114	116	105107 EXT		0.008	0.5	5.11	31	90	0.5	2	0.03	0.5	4	8	102	2.48	1.2	0.03	51	4	0.18	4	500	110	4.62	5	258	0.08	25	20	15	10
JM RC-24-05	116	118	105108 EXT		0.018	0.5	4.23	174	40	0.5	2	0.01	0.5	4	3	636	2.05	0.98	0.01	79	4	0.18	4	260	77	3.64	7	200	0.05	13	10	14	10
JM RC-24-05	118	120	105109 EXT		0.01	0.5	4.91	42	150	0.5	2	0.01	0.5	5	6	236	1.48	0.77	0.02	62	3	0.15	1	240	72	2.6	5	216	0.02	10	10	14	10
JM RC-24-05	120	122	105110 EXT		0.01	0.5	4.98	40	90	0.5	2	0.01	0.5	6	5	212	2.34	1.26	0.03	79	3	0.16	3	200	57	3.6	5	139	0.05	12	20	15	10
JM RC-24-05	122	124	105111 EXT		0.009	0.5	4.54	166	70	0.5	2	0.02	0.5	13	6	504	2.16	1.32	0.08	68	7	0.22	7	210	76	4.33	6	157	0.09	12	10	19	20
JM RC-24-05	124	126	105112 EXT		0.024	0.5	4.2	248	80	0.5	2	0.02	0.5	15	8	721	2.47	1.14	0.05	78	6	0.24	6	310	104	4.62	5	211	0.05	16	20	14	20
JM RC-24-05	126	128	105113 ORG		0.018	0.5	5.97	73	10	0.5	5	0.03	0.5	10	11	165	2.87	1.56	0.03	63	3	0.29	7	440	105	6.03	5	333	0.05	27	30	17	20
JM RC-24-05	128	130	105115 EXT		0.013	0.5	8.19	84	100	0.5	2	0.04	0.5	10	15	223	2.62	1.83	0.03	67	2	0.35	7	560	108	8.32	5	190	0.06	31	20	12	20
JM RC-24-05	130	132	105116 EXT		0.021	0.5	7.1	100	110	0.5	6	0.04	0.5	16	17	263	4.82	2.5	0.04	66	1	0.23	10	740	156	8.56	5	342	0.09	54	10	12	20
JM RC-24-05	132	134	105117 EXT		0.013	0.5	7.48	41	110	0.5	3	0.04	0.7	20	17	184	4.16	2.42	0.07	98	1	0.24	14	620	142	8.97	5	295	0.06	62	10	10	10
JM RC-24-05	134	136	105118 EXT		0.018	0.5	8.86	105	80	0.5	5	0.04	0.6	18	14	401	4.58	2.55	0.1	52	1	0.22	14	620	142	8.76	5	178	0.07	85	10	27	10
JM RC-24-05	136	138	105119 EXT		0.008	0.5	8.91	39	140	0.7	6	0.04	1.1	13	13	172	3.91	2.36	0.11	97	1	0.2	10	450	116	4.52	5	144	0.07	56	10	21	10
JM RC-24-05	138	140	105120 EXT		0.008	0.5	6.05	75	70	0.5	2	0.02	1	19	8	174	2.47	2	0.07	73	2	0.26	14	600	112	5.14	5	201	0.11	33	20	16	10
JM RC-24-05	140	142	105121 EXT		0.008	0.5	5.48	53	80	0.5	3	0.02	0.9	12	7	126	2.41	1.42	0.05	48	2	0.22	7	440	118	4.06	5	209	0.09	27	20	19	10
JM RC-24-05	142	144	105122 EXT		0.012	0.5	5.5	64	70	0.5	5	0.01	1.7	7	11	132	2.32	1.42	0.04	54	4	0.23	6	430	118	3.76	5	160	0.09	31	20	14	10
JM RC-24-05	144	146	105123 EXT		0.008	0.5	5.73	55	40	0.5	3	0.02	1.3	9	11	169	2.17	1.42	0.03	43	4	0.26	10	480	134	4.42	5	262	0.08	33	10	13	10
JM RC-24-05	146	148	105124 EXT		0.008	0.5	5.64	152	100	0.6	2	0.01	5.6	22	7	340	3.52	1.86	0.06	91	1	0.21	27	600	96	3.62	5	202	0.13	25	10	37	20
JM RC-24-05	148	150	105125 EXT		0.008	0.5	5.47	74	90	0.6	4	0.02	2.2	29	20	266	2.24	1.34	0.06	73	4	0.27	20	540	155	4.48	5	214	0.09	37	10	30	20
JM RC-24-05	150	152	105126 EXT		0.012	0.5	6.2	130	90	0.5	3	0.03	1.1	74	34	3050	3.06	1.3	0.06	140	10	0.33	54	600	120	6.54	5	202	0.08	27	30	19	10
JM RC-24-05	152	154	105127 EXT		0.01	0.5	6.56	34	70	0.6	2	0.04	0.9	11	19	279	3.46	1.86	0.16	95	4	0.14	12	670	112	5.18	5	143	0.2	51	10	53	40
JM RC-24-05	154	156	105128 EXT		0.007	0.5	8.25	65	80	0.7	5	0.02	0.7	17	12	612	2.24	1.96	0.08	62	5	0.26	15	450	115	4.31	5	225	0.08	30	30	66	10
JM RC-24-05	156	158	105129 EXT		0.008	0.5	6.82	132	100	0.7	5	0.02	0.9	8	9	741	2.39	1.86	0.07	66	4	0.26	13	430	97	4.27	5	203	0.08	16	10	33	20
JM RC-24-05	158	160	105130 EXT		0.008	0.5	5.88	123	130	0.6	5	0.01	4.1	6	6	463	2.31	2.02	0.06	73	1	0.23	8	330	88	3.63	5	144	0.1	30	10	42	10
JM RC-24-05	160	162	105131 EXT		0.005	0.5	6	46	70	0.6	3	0.02	0.7	4	7	173	2.65	1.79	0.06	55	2	0.3	7	420	91	4.66	5	223	0.08	32	10	36	10
JM RC-24-05	162	164	105132 EXT		0.006	0.5	6.46	36	130	0.9	3	0.01	1.2	6	8	130	2.59	2.34	0.09	75	1	0.24	9	380	87	3.79	5	124	0.09	19	10	47	20
JM RC-24-05	164	166	105133 EXT		0.013	0.5	8.24	88	80	0.6	2	0.02	1.1	12	8	168	2.63	2.01	0.07	46	1	0.26	17	420	85	4.58	5	188	0.07	21	10	18	20
JM RC-24-05	166	168	105134 EXT		0.018	0.5	6.45	34	130	0.6	3	0.01	0.9	6	8	112	2.47	2.32	0.09	74	2	0.28	8	330	81	3.94	5	124	0.09	23	10	27	10
JM RC-24-05	168	170	105135 EXT		0.01	0.5	6.91	35	70	0.5	2	0.03	0.7	9	6	139	2.23	1.96	0.08	59	2	0.32	9	410	94	5.51	5	230	0.08	26	30	13	10
JM RC-24-05	170	172	105136 EXT		0.004	0.5	8.74	64	70	0.5	2	0.02	1	29	15	63	1.96	2.26	0.02	66	2	0.58	38	310	101	7.41	5	242	0.08	39	30	10	20
JM RC-24-05	172	174	105137 ORG		0.011	0.5	6.47	34	80	0.5	3	0.02	0.7	29	13	94	1.9	2	0.02	99	3	0.57	20	380	104	6.47	5	253	0.1	46	30	22	40
JM RC-24-05	174	176	105138 EXT		0.011	0.5	6.91	41	140	0.5	5	0.04	0.7	14	12	82	1.98	2.2	0.09	66	4	0.42	12	370	99	5.25	5	222	0.11	48	30	24	30
JM RC-24-05	176	178	105140 EXT		0.017	0.5	5.75	94	80	0.5	5	0.02	0.8	9	7	193	1.99	1.71	0.09	73	2	0.39	5	330	94	5.39	5	240	0.04	30	20	17	20
JM RC-24-05	178	180	105141 EXT		0.008	0.5	5.89	86	270	0.6	3	0.01	0.5	6	5	138	2	1.67	0.07	62	2	0.18	11	280	63	3.89	5	124	0.08	16	10	18	10
JM RC-24-05	180	182	105142 EXT		0.008	0.5	5.6	65	140	0.6	3	0.01	1	16	5	234	2.1	2.12	0.07	64	2	0.21	17	220	65	3.67	5	109	0.08	11	10	19	20
JM RC-24-05	182	184	105143 EXT		0.008	0.5	6.33	48	100	0.7	2	0.05	0.7	16	6	111	2.63	2.34	0.09	96	2	0.26	18	560	126	5.04	5	156	0.08	36	20	22	30
JM RC-24-05	184	186	105144 EXT		0.019	0.5	5.95	91	80	0.6	4	0.05	0.9	7	4	154	3.54	2.84	0.07	60	1	0.18	5	450	89	4.75	5	168	0.07	31	10	18	20
JM RC-24-05	186	188	105145 EXT		0.011	0.5	4.56	44	60	0.3	2	0.02	0.5	4	4	219	1.74	1.27	0.03	63	2	0.21	2	310	103	3.23	5	198	0.04	14	10	18	10
JM RC-24-05	188	190	105146 EXT		0.011	0.5	9.19	72	90	0.5	3	0.03	0.7	8	5	198	3.57	1.64	0.06	91	3	0.32	7	660	154	5.94	5	256	0.09	46	10	20	30
JM RC-24-05	190	192	105147 EXT		0.017	0.5	6.15	88	40	0.5	2	0.03	0.5	8	9	245	4.35	1.6	0.08	40	2	0.27	12	630	147	6.85	5	363	0.08	46	10	18	30
JM RC-24-05	192	194	105148 EXT		0.008	0.5	6.58	125	90	0.8	8	0.04	1	8	9	264	4.32	2.12	0.08	61	2	0.23	10	660	177	6.8	5	324	0.1	50	10	14	30
JM RC-24-05	194	196	105149 EXT		0.009	0.5	6.18	73	70	0.6	4	0.01	0.8	8	8	238	3.53	2.34	0.09	56	1	0.18	6	730	132	5.83	5	177	0.1	47	10	17	20
JM RC-24-05	196	198	105150 EXT		0.008	0.5	5.94	74	60	0.8	2	0.04	0.6	10	6	196	4.18	1.87	0.1	66	1	0.18	9	740	129	6.14	5	148	0.11	68	10	21	20
JM RC-24-05	198	200	105151 EXT		0.008	0.5	6.15	97	150	0.8	3	0.03	0.8	10	5	23	276	2.46	2.53	0.16	40	2	0.16	9	440	99	4.34	5	61	0.1	43	10	36	30
JM RC-24-05	200	202	105152 EXT		0.006	0.5	6.64	46	80	0.6	4	0.06	0.6	10	12	252	4.07	2.7	0.15	71	3	0.17	10	740	91	5.57	5	132	0.12	91	20	35	30
JM RC-24-05	202	204	105153 EXT		0.033	0.5	5.99	58	40	0.5	5	0.04	0.5	12	9	165	5.68	2.02	0.09	35	7	0.14	6	660	111	8.39	5	204	0.07	42	20	37	30
JM RC-24-05	204	206	105154 EXT		0.021	0.5	5.8	58	40	0.5	3	0.03	0.5	11	9	226	5.01	1.88	0.06	59	2	0.13	5	530	136	6.82	5	308	0.05	36	10	16	10
JM RC-24-05	206	208	105155 EXT		0.021	0.5	4.34	47	70	0.5	2	0.02	0.4	12	2	224	2.33	1.22	0.03	37	2	0.13	9	360	96	4.41	5	168	0.05	13	20	20	20
JM RC-24-05	208	210	105156 EXT		0.018	0.5	4.78	112	100	0.6	5	0.03	0.6	4	5	445	2.66	1.46	0.04	73	1	0.19	9	360	88	4.16	7	175	0.04	15	20	14	20
JM RC-24-05	210	212	105157 ORG		0.018	0.6	4.77	61	120	0.7	2	0.02	0.7	6	10	168	1.99	1.44	0.04	44	1	0.16	10	330	90	3.9	5	231	0.04	13	20	22	20
JM RC-24-05	212	214	105158 EXT		0.017	0.5	7.37	55	150	0.6	2	0.01	0.5	8	4	111	1.56	1.41	0.04	41	1	0.13	17	280	91	3.56	5	225	0.09	12	10	20	20
JM RC-24-05	214	216	105160 EXT		0.018	0.5	5.76	82	170	0.6	5	0.01	0.5	8	4	414	1.75	1.48	0.06	66	1	0.13	8	370	85	3.23	6	194	0.04	11	10	22	30
JM RC-24-05	216	218	105161 EXT		0.032	0.6	5.82	60	140	0.6	3	0.02	0.6	9	4	162	1.5	1.49	0.05	49	1	0.14	10	340	79	3.7	5	156	0.04	11	10	21	30
JM RC-24-05	218	220	105162 EXT		0.02	0.6	5.76	63	130	0.6	3	0.02	0.5	4	4	141	1.6	1.46	0.04	57	1	0.15	7	300	87	3.8	5	177	0.05	15	20	20	20
JM RC-24-05	220	222	105163 EXT		0.027	0.5	6.57	44	70	0.5	4	0.03	0.9	9	5	183	2.27	1.65	0.04	39	4	0.16	6	400	79	5.27	5	164	0.1	41	10	13	30
JM RC-24-05	222	224	105164 EXT		0.031	0.6	4.5	44	80	0.5	4	0.04	0.5	8	5	149	2.79	1.34	0.06	53	1	0.13	10	530	110	5.07	5	264	0.13	37	10	20	20
JM RC-24-06	224	226	105165 EXT		0.027	0.6	8.52	119	150	0.7	5	0.02	0.5	7	5	363	1.34	1.56	0.05	27	1	0.12	3	230	50	3.33	5	113	0.05	14	10	17	40
JM RC-24-05	226	228	105166 EXT		0.028	0.6	6.97	63	130	0.6	5	0.14	0.5	5	7	134	2.16	1.86	0.05	33	3	0.12	8	430	103	3.65	5	152	0.05	37	10	16	30
JM RC-24-05	228	230	105167 EXT		0.026	0.5	5.43	24	110	0.5	4	0.08	0.5	5	4	108	1.56	1.43	0.02	50	1	0.19	2	250	66	4.22	5	132	0.08	14	20	16	10
JM RC-24-05	230	232	105168 EXT		0.024	0.5	6.16	29	200	0.6	4	0.01	0.5	2	1	63	1.5	1.95	0.09	33	1	0.08	2	250	88	2.38	5	114	0.08	12	10	10	30
JM RC-24-05	232	234	105169 EXT		0.03	0.5	6.49	29	200	0.6	4	0.03	0.5	4	2	167	1.98	1.62	0.1	42	2	0.08	4	300	84	3.13	5	157	0.08	13	10	41	30
JM RC-24-05	234	236	105170 EXT		0.029	0.7	6.27	40	340	0.6	5	0.03	0.5	1	2	1175	1.83	1.99	0.11	36	1	0.05	2	540	83	2.62	5	241	0.08	16	10	45	30
JM RC-24-05	236	238	105171 EXT		0.025	0.5	6.75	71	260	0.7	5	0.03	0.5	1	3	182	2.87	2.89	0.11	43	2	0.05	2	390	79	2.99	5	198	0.07	18	10	39	10
JM RC-24-05	238	240	105172 EXT		0.027	0.5	6.33	5	270	0.7	4	0.02	0.5	3	3	61	1.62	1.96	0.11	42	1	0.08	7	350	85	2.7	5	145	0.08	15	10	32	30
JM RC-24-05	240	242	105173 EXT		0.038	0.5	6.45	4	190	0.5	4	0.04	0.5	1	3	68	1.79	1.96	0.11	61	1	0.14	5	350	74	3.98	5	162	0.08	17	10	41	30
JM RC-24-06	242	244	105174 EXT		0.019	0.5	6.22	17	140	0.6	4	0.05	0.5	9	5	73	1.62	1.99	0.11	43	1	0.12	19	270	58	3.79	5	159	0.08	16	10	48	40
JM RC-24-05	244	246	105175 EXT		0.031	0.5	6.74	32	270	0.6	5	0.03	0.5	8	4	328	1.94	2.08	0.19	47	1	0.04	16	330	58	2.44	5	124	0.1	14	10	66	40
JM RC-24-05	246	248	105176 EXT		0.022	0.5	6.99	31	250	0.6	3	0.05	0.5	4	4	211	2.09	1.94	0.13	57	2	0.04	4	370	64	2.75	5	171	0.12	24	10	50	30
JM RC-24-05	248	250	105177 EXT		0.034	0.5	6.99	97	60	0.5	3	0.04	0.6	7	7	195	2.29	1.58	0.04	54	5	0.17	9	390	72	3.35	5	212	0.09	29	30	14	10
JM RC-24-05	250	252	105178 EXT		0.044	0.5	8.14	62	80	0.8	2	0.02	0.8	18	9	162	1.94	1.58	0.02	48	2	0.27	4	300	69	3.88	5	199	0.07	21	10	16	30
JM RC-24-05	252	254	105179 EXT		0.038	0.5	6.1	89	60	0.5	8	0.05	2.4	24	7	313	2.28	1.48	0.04	63	1	0.13	17	440	75	5.21	7	257	0.06	22	10	62	80
JM RC-24-06	254	256	105180 ORG		0.03	0.5	8.18	93	60	0.5	3	0.09	0.8	25	9	298	1.82	1.67	0.02	48	2	0.39	10	330	58	4.52	8	175	0.07	28	10	27	60
JM RC-24-05	256	258	105181 EXT		0.024	0.5	5.83	77	80	0.5	2	0.05	0.6	23	9	191	1.72	1.85	0.02	42	1	0.31	18	300	51	9.13	5	153	0.07	26	10	33	50
JM RC-24-06	258	260	105183 EXT		0.024	0.5	7.07	79	130	0.5	5	0.04	0.9	32	9	236	2.46	1.9	0.12	44	2	0.14	23	390	47	5.35	5	41	0.14	43	10	155	110
JM RC-24-05	260	262	105184 EXT		0.024	0.5	6.58	52	160	0.5	4	0.06	0.5	16	8	151	2.13	1.56	0.07	58	1	0.16	9	360	72	5.69	5	202	0.09	26	10	88	60
JM RC-24-05	262	264	105185 EXT		0.018	0.5	6.2	66	240	0.5	4	0.06	0.5	7	10	163	1.79	1.85	0.06	44	1	0.07	9	360	73	3.58	5	164	0.1	24	10	79	30
JM RC-24-06	264	266	105186 EXT		0.024	0.5	9.98	35	240	0.5	5	0.07	0.5	4	22	104	1.76	2.33	0.09	46	1	0.13	19	440	136	3.38	5	261	0.18	67	10	38	20
JM RC-24-05	266	268	105187 EXT		0.062	0.5	7.14	50	340	0.6	4	0.07	0.5	4	9	273	2.23	2.14	0.13	50	2	0.06	5	450	80	3.06	5	271	0.15	38	10	48	30
JM RC-24-05	268	270	105188 EXT		0.052	0.5	6.88	64	70	0.5	4	0.08	1	10	14	200	3.64	1.82	0.12	48	1	0.13	16	660	104	5.21	5	175	0.19	47	10	126	130
JM RC-24-05	270	272	105189 EXT		0.036	0.6	7.56	54	150	0.5	6	0.09	0.5	6	4	181	3.1	2.2	0.12	25	1	0.05	3	650	116	4.2	5	200	0.17	63	10	45	30
JM RC-24-05	272	274	105190 EXT		0.038	0.5	7.32	15	110	0.7	5	0.09	0.5	6	4	148	4.05	2.26	0.11	34	1	0.04	3	780	134	5.09	5	271	0.14	91	10	30	30
JM RC-24-05	274	276	105191 EXT		0.041	0.5	7.62	17	190	0.7	7	0.07	0.5	6	4	136	3.6	2.36	0.16	34	1	0.05	3	830	140	4.48	5	326	0.21	91	10	18	30
JM RC-24-05	276	278	105192 EXT		0.04	0.5	7.9	17	180	0.7	6	0.08	0.5	6	4	218	3.84	2.12	0.11	36	2	0.03	3	630	126	3.74	5	187	0.17	68	10	16	30
JM RC-24-05	278	280	105193 EXT		0.036	0.5	6.57	24	80	0.5	4	0.04	0.5	4	4	67	3.15	1.54	0.06	21	1	0.07	2	420	60	4.05	5	261	0.1	31	10	27	30
JM RC-24-05	280	282	105194 EXT		0.031	0.5	6	35	40	0.5	5	0.06	0.5	4	5	114	2.93	1.56	0.02	53	2	0.14	3	580	88	5.83	5	352	0.07	15	10	16	30
JM RC-24-05	282	284	105195 EXT		0.036	0.5	5.29	37	40	0.5	5	0.04	0.5	8	11	122	3.06	1.31	0.02	33	1	0.21	10	430	53	7.09	7	263	0.05	24	10	29	20
JM RC-24-05	284	286	105196 EXT		0.021	0.5	6.66	63	40	0.5	6	0.08	0.5	9	8	233	2.79	2.41	0.03	64	1	0.46	11	460	95	6.36	5	242	0.07	37	10	47	40
JM RC-24-05	286	288	105197 EXT		0.023	0.5	7.09	49	110	0.6	7	0.12	0.5	19	20	92	3.2	1.48	0.06	29	1	0.19	17	570	36	8.01	6	363	0.19	78	10	22	10
JM RC-24-05	288	290	105198 EXT		0.037	0.5	5.36	41	40	0.5	5	0.08	0.5	5	11	117	3.42	0.85	0.03	58	1	0.09	5	350	43	4.82	8	244	0.07	24	10	20	10
JM RC-24-05	290	292	105199 EXT		0.046	0.5	7.12	26	150	0.7	5	0.1	0.7	8	8	80	3.19	1.83	0.06	29	2	0.08	3	610	77	3.85	5	428	0.11	40	10	35	10
JM RC-24-05	292	294	105200 EXT		0.063	0.5	9.5	29	150	1.4	9	0.08	0.5	24	33	187	4.4	2.46	0.07	27	1	0.04	12	2180	92

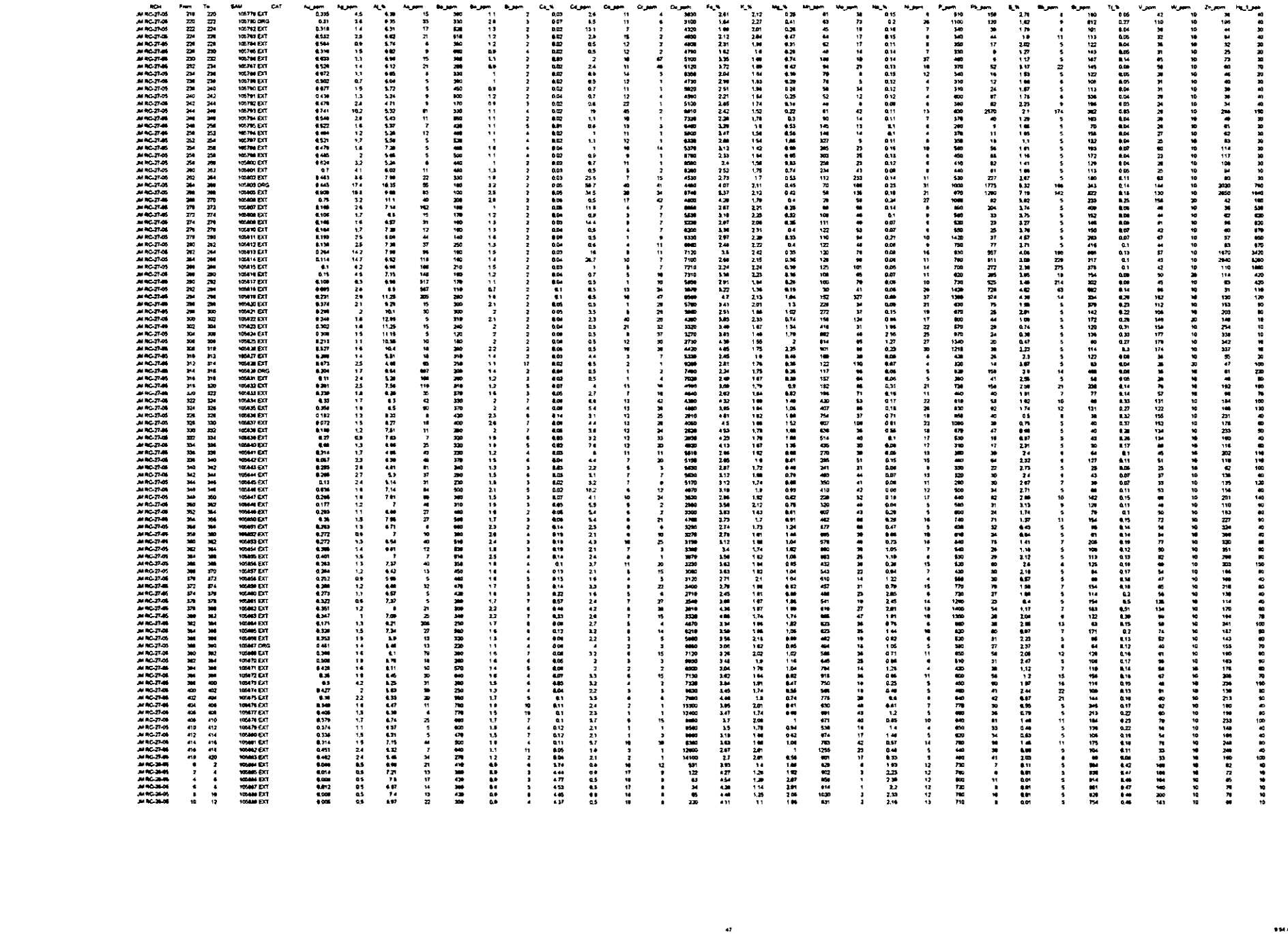




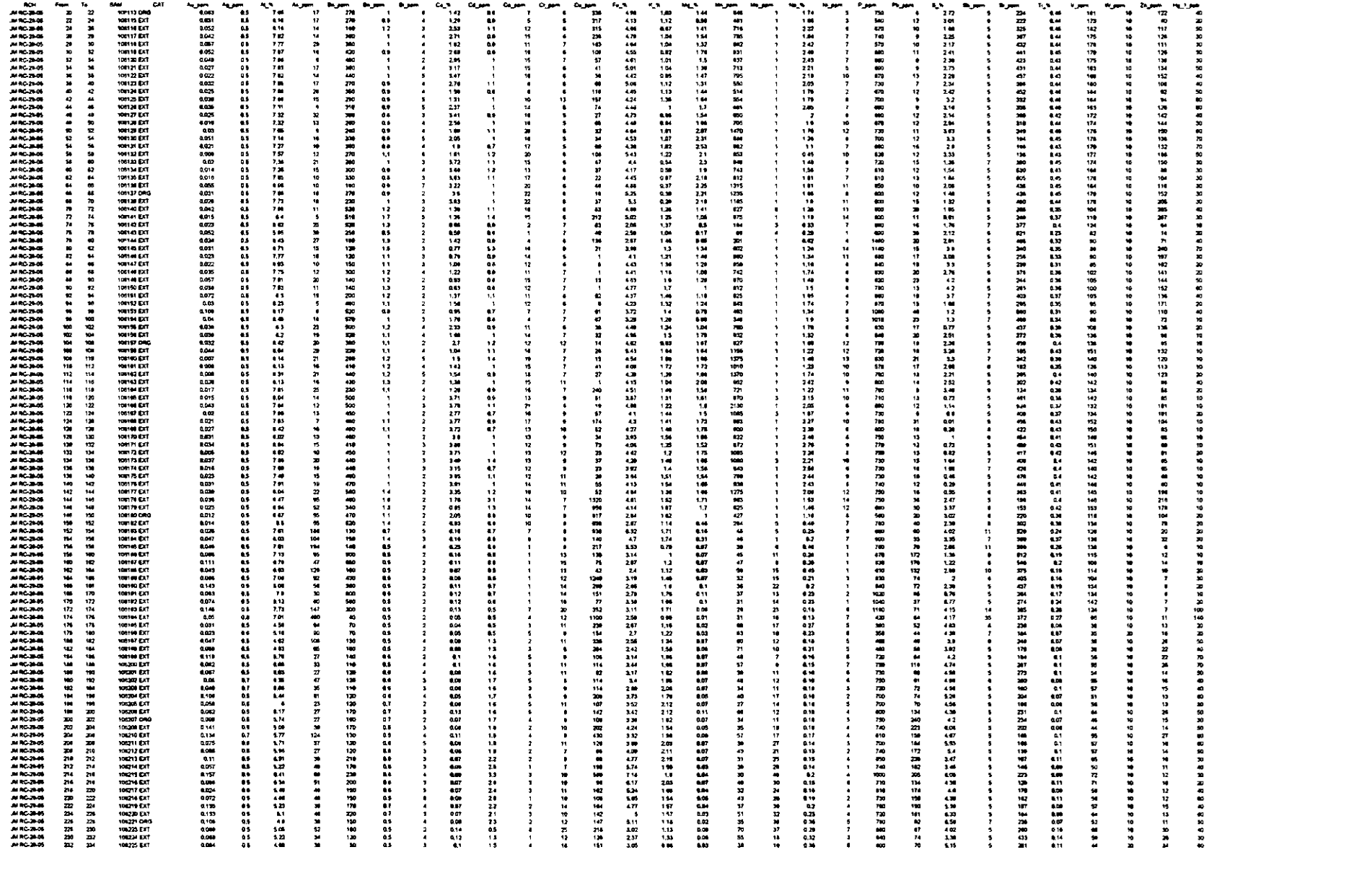


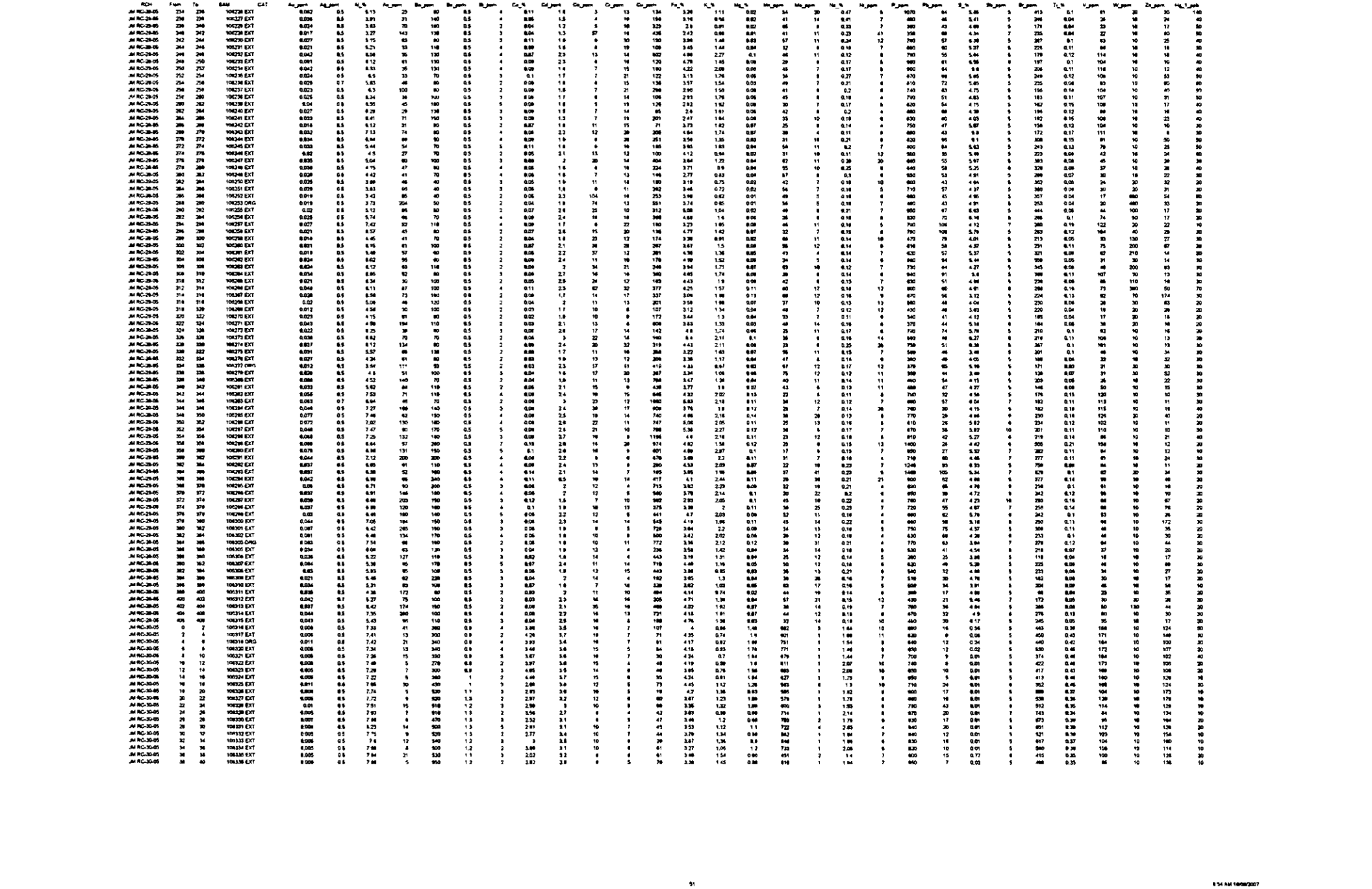
RCH	From	To	SAM	CAT	As_ppm	Ag_ppm	Al_%	Au_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-26-05	160	162	1056564	EXT	0.014	0.5	7.81	33	480	1.1	4	4.56	1	15	11	52	4.22	1.12	1.64	1006	1	2.16	11	630	11	0.32	5	480	0.24	198	16	81	16
JM RC-26-05	162	164	1056566	EXT	0.01	0.5	8.15	43	398	1	4	3.79	1.2	15	9	162	4.29	0.77	1.99	973	1	1.73	13	700	19	1.35	5	361	0.45	160	16	114	16
JM RC-26-05	164	166	1056566	EXT	0.009	0.5	8.2	45	420	1.2	7	1.75	0.5	16	10	168	4.81	1.31	1.64	979	1	1.22	10	678	11	1.32	5	398	0.52	168	16	98	16
JM RC-26-05	166	168	1056567	EXT	0.01	0.5	8.16	46	390	1.1	3	2.8	0.5	15	10	58	4.25	0.9	1.62	918	1	2.16	12	650	19	1.04	5	413	0.43	163	16	146	16
JM RC-26-05	168	208	1056568	EXT	0.009	0.5	8.82	46	478	1.1	7	2.91	0.5	14	10	42	4.41	1.3	1.64	956	2	2.24	12	946	21	1.42	5	518	0.48	188	16	114	16
JM RC-26-05	208	212	1056569	EXT	0.009	0.5	8.54	99	390	1.1	7	3.66	0.7	14	9	21	4.14	0.56	1.64	800	1	2.13	11	881	21	0.91	5	388	0.44	184	16	104	16
JM RC-26-05	212	304	1056540	ORG	0.008	0.5	8.88	33	900	1.3	4	5.11	1	17	9	19	4.82	0.74	2.01	862	1	2.08	19	870	17	0.36	5	463	0.47	198	16	134	16
JM RC-26-05	304	306	1056562	EXT	0.014	0.5	7.63	53	478	1.1	7	2.51	0.5	15	15	78	3.98	1.02	1.49	956	4	1.65	12	720	7	0.77	5	395	0.38	137	16	150	16
JM RC-26-05	306	308	1056563	EXT	0.009	0.5	8.32	47	380	1.2	2	2.19	0.5	16	9	8	4.36	0.74	1.72	782	2	1.73	12	740	2	0.39	5	387	0.42	184	16	126	20
JM RC-26-05	308	310	1056564	EXT	0.014	0.5	8.38	43	420	1.3	2	1.94	0.5	16	7	16	4.65	0.64	1.74	845	1	1.8	10	780	2	1.61	5	429	0.41	196	16	142	30
JM RC-26-05	310	312	1056565	EXT	0.013	0.5	8.35	98	370	1.2	2	2.72	0.5	16	12	73	4.49	0.74	1.79	779	3	1.73	12	830	6	2.08	5	446	0.42	182	16	156	30
JM RC-26-05	312	314	1056566	EXT	0.013	0.5	8.49	57	460	1.3	2	1.7	0.5	18	12	104	4.7	1.46	1.9	953	4	1.46	22	800	14	2.5	5	516	0.41	194	16	144	30
JM RC-26-05	314	316	1056567	EXT	0.016	0.5	8.3	74	526	1.3	2	2.09	0.5	17	14	29	4.77	0.9	1.74	1040	1	1.73	19	840	2	0.3	5	561	0.41	194	16	217	16
JM RC-26-05	316	318	1056568	EXT	0.01	0.5	8.19	78	410	1.3	2	1.52	0.5	21	8	41	4.65	0.96	1.67	886	2	1.56	16	730	20	2.98	5	504	0.41	192	16	256	20
JM RC-26-05	318	320	1056569	EXT	0.008	0.5	8.11	78	440	1.3	2	2.77	1.6	18	9	32	4.72	0.91	1.81	1025	2	1.62	17	800	124	2.01	5	468	0.43	193	16	408	20
JM RC-26-05	320	322	1056570	EXT	0.634	0.5	8.48	46	548	1.3	2	0.66	0.5	6	12	152	5.9	0.97	0.84	434	1	1	6	700	91	1.47	5	313	0.35	162	16	148	16
JM RC-26-05	322	324	1056571	EXT	0.052	0.7	6.56	27	260	0.5	2	0.44	0.5	1	15	37	2.27	1.4	0.14	88	4	0.27	7	660	26	0.58	5	154	0.14	136	16	32	16
JM RC-26-05	324	326	1056572	EXT	0.039	1	6.94	34	378	0.5	2	0.33	0.5	1	14	47	3.52	1.4	0.16	88	4	0.31	9	778	88	0.31	5	356	0.16	123	16	37	16
JM RC-26-05	326	328	1056573	EXT	0.061	0.4	6.98	30	458	0.5	2	0.37	0.5	1	16	91	2.74	1.45	0.21	88	4	0.33	7	668	136	0.42	5	346	0.18	171	16	52	16
JM RC-26-05	328	330	1056574	EXT	0.07	0.4	7.23	30	548	0.5	2	0.4	0.5	2	21	75	3.34	1.56	0.26	137	9	0.37	7	800	116	0.43	5	383	0.16	135	16	36	16
JM RC-26-05	330	332	1056575	EXT	0.116	0.5	7.25	18	520	0.5	2	0.1	0.5	1	25	24	3.4	1.58	0.09	32	13	0.2	2	916	124	0.54	5	392	0.15	139	16	19	16
JM RC-26-05	332	334	1056576	EXT	0.098	0.4	6.74	16	438	0.5	2	0.09	0.5	1	20	19	2.99	1.44	0.09	33	9	0.16	1	670	76	0.38	5	362	0.15	139	16	15	16
JM RC-26-05	334	336	1056577	EXT	0.098	0.4	6.85	17	400	0.5	2	0.38	0.5	1	22	37	3	1.58	0.15	78	14	0.36	3	780	72	0.53	5	356	0.16	122	16	16	16
JM RC-26-05	336	338	1056578	ORG	0.104	0.7	6.48	16	470	0.5	2	0.44	0.5	1	19	61	3.25	1.45	0.2	116	4	0.33	3	730	46	1.45	5	324	0.25	108	16	23	16
JM RC-26-05	338	340	1056580	EXT	0.048	0.5	8.1	34	70	0.8	2	0.35	0.5	10	10	506	4.25	1.72	0.35	97	5	0.19	4	560	135	4.87	5	363	0.82	106	16	51	30
JM RC-26-05	340	342	1056581	EXT	0.061	0.7	5.35	125	150	0.7	2	0.47	0.5	5	21	379	3	0.95	0.1	57	12	0.13	11	510	36	3.13	5	314	0.16	72	16	20	30
JM RC-26-05	342	344	1056582	EXT	0.045	0.5	8.18	37	520	1.1	2	1.28	0.5	14	14	202	3.8	0.68	1.08	644	4	1.58	14	780	11	1.62	5	371	0.36	132	16	172	16
JM RC-26-05	344	346	1056583	EXT	0.053	0.5	7.19	17	500	1.1	2	1.48	0.5	12	16	140	3.83	1.38	1.34	734	4	1.32	14	750	26	1.93	5	282	0.36	114	16	153	16
JM RC-26-05	346	348	1056584	EXT	0.038	0.5	7.87	28	530	1.2	2	2.26	0.5	15	16	148	4.12	1.5	1.6	776	4	1.96	11	860	2	2.18	5	384	0.38	124	16	96	16
JM RC-26-05	348	350	1056585	EXT	0.033	0.5	7.73	17	550	1.2	2	2.05	0.5	14	15	134	3.92	1.46	1.7	712	4	2.18	11	800	2	1.05	5	366	0.41	124	16	74	16
JM RC-26-05	350	352	1056586	EXT	0.074	0.9	7.59	21	360	1.2	2	2.55	0.5	14	15	109	3.59	1.44	1.71	742	4	1.96	12	850	2	2.36	5	319	0.39	171	16	74	16
JM RC-26-05	352	354	1056587	EXT	0.071	0.5	7.11	30	300	1.2	2	2.44	0.5	14	20	129	3.64	1.5	1.49	844	4	2.07	12	930	2	3.3	5	301	0.36	122	16	72	16
JM RC-26-05	354	356	1056588	EXT	0.019	0.4	7	21	160	1.2	2	2.84	0.5	14	15	63	3.53	1.46	1.45	661	3	2.3	12	820	2	3.68	5	329	0.39	119	16	63	16
JM RC-26-05	356	358	1056589	ORG	0.638	0.5	7.68	27	140	1.1	2	2.8	0.5	13	24	99	3.62	1.48	1.59	825	4	2.21	14	940	2	4.26	5	315	0.39	117	16	73	16
JM RC-26-05	358	360	1056591	EXT	0.629	0.5	6.28	13	130	1	2	2.45	0.5	19	21	336	3.3	1.42	1.49	628	5	1.86	11	740	2	4.21	5	367	0.34	108	16	66	16
JM RC-26-05	360	362	1056592	EXT	0.811	0.5	6.75	12	130	1.1	2	2.71	0.5	12	19	169	3.4	1.22	1.44	628	2	2.32	15	760	2	4.67	5	1165	0.37	112	16	64	16
JM RC-26-05	362	364	1056593	EXT	0.029	0.5	7.66	14	130	1.1	2	3.1	0.5	12	19	145	3.9	1.52	1.36	688	4	1.94	12	830	4	4.62	5	671	0.36	116	16	78	16
JM RC-26-05	364	366	1056594	EXT	0.029	0.5	7.1	34	220	1.2	2	2.83	0.6	11	16	118	3.4	1.5	1.2	633	3	1.98	11	760	5	3.91	5	459	0.35	106	16	68	16
JM RC-26-05	366	368	1056595	EXT	0.023	0.5	7.52	30	440	1.3	2	2.95	0.6	11	14	134	3.9	1.42	1.29	709	3	2.29	12	780	2	2.12	5	462	0.34	124	16	66	16
JM RC-26-05	368	370	1056596	EXT	0.021	0.5	7.62	10	550	1.2	2	3.33	0.6	13	19	83	3.71	1.58	1.49	882	6	2.39	15	880	6	2.68	5	564	0.38	122	16	66	16
JM RC-26-05	370	372	1056597	EXT	0.024	0.6	7.03	26	430	1.4	2	1.99	0.6	10	12	118	3.29	1.2	0.8	748	4	2.24	7	800	2	1.46	5	366	0.25	80	16	111	16
JM RC-26-05	372	374	1056598	EXT	0.023	0.5	7.84	30	910	1.5	2	2.85	0.5	15	20	84	4.03	1.2	1.73	984	4	2.17	13	910	3	5.83	5	474	0.38	134	16	109	16
JM RC-26-05	374	376	1056599	EXT	0.054	0.5	7.34	17	220	1.6	2	0.75	0.5	13	11	32	3.78	1.44	1.59	784	3	1.31	10	730	11	3.11	5	178	0.36	116	16	178	16
JM RC-26-05	376	378	1056600	EXT	0.074	0.5	7.22	25	240	1.6	2	0.7	0.5	13	10	116	3.53	1.54	1.44	844	4	0.84	12	700	20	3.21	5	134	0.33	116	16	164	16
JM RC-26-05	378	380	1056601	EXT	0.124	0.8	7.4	15	180	1.6	2	0.8	0.5	13	14	112	3.66	1.64	0.85	960	4	0.52	11	880	10	3.87	5	154	0.21	106	16	164	16
JM RC-26-05	380	382	1056602	EXT	0.125	0.7	6.98	16	160	1	2	0.65	0.5	9	15	251	3.53	1.74	0.9	908	6	0.33	8	880	17	3.31	5	256	0.25	101	16	191	16
JM RC-26-05	382	384	1056603	EXT	0.114	0.5	8.74	14	470	0.5	2	0.2	0.5	5	9	162	2.44	1.56	0.17	908	10	0.14	15	700	80	0.89	5	253	0.17	88	16	33	16
JM RC-26-05	384	386	1056604	EXT	0.166	0.5	8.59	6	480	0.5	2	0.13	0.5	2	20	173	2.47	0.89	1.2	1000	14	0.1	9	870	66	1.94	5	301	0.16	91	16	14	16
JM RC-26-05	386	388	1056605	EXT	0.112	0.8	5.99	14	350	0.5	2	0.2	0.5	2	30	95	2.33	1.28	0.11	72	13	0.13	8	950	44	1.76	5	242	0.15	87	16	23	16
JM RC-26-05	388	390	1056606	EXT	0.096	0.9	6.67	16	360	0.5	2	0.21	0.5	2	22	170	2.36	1.52	0.16	980	9	0.16	7	980	14	0.91	5	148	0.17	97	16	36	16
JM RC-26-05	390	392	1056607	EXT	0.029	0.5	7.58	42	240	1.4	2	0.22	0.5	14	15	345	2.44	1.5	0.63	913	8	0.3	15	980	46	2.35	5	154	0.26	116	72	346	16
JM RC-26-05	392	394	1056608	EXT	0.043	0.6	8.05	30	530	1.2	2	0.1	0.5	16	16	691	3.75	1.57	0.89	93	1	0.12	16	750	7	4.05	5	112	0.29	122	16	54	16
JM RC-26-05	394	396	1056609	EXT	0.02	0.5	7.3	39	160	1.2	2	0.17	0.5	13	7	444	2.78	0.8	0.79	131	2	0.14	9	640	30	3.18	5	68	0.16	91	16	16	16
JM RC-26-05	396	398	1056610	EXT	0.053	0.7	6.34	13	270	0.8	2	0.11	0.5	5	13	230	2.36	1.73	0.1	46	5	0.13	3	530	14	2.13	5	288	0.15	88	16	17	16
JM RC-26-05	398	400	1056611	EXT	0.02	0.9	6.91	265	160	0.6	2	0.33	0.5	5	7	664	2.16	0.9	0.97	91	5	0.48	1	630	31	2.76	19	455	0.32	126	16	10	16
JM RC-26-05	400	402	1056612	EXT	0.112	0.5	5.97	49	230	0.5	2	0.14	0.5	2	11	230	2.34	1.36	0.11	70	15	0.1	5	630	13	2.21	5	217	0.14	67	16	29	16
JM RC-26-05	402	404	1056613	EXT	0.241	0.5	6.19	8	380	0.5	2	0.1	0.5	1	17	118	2	1.72	0.11	44	35	0.08	3	660	32	1.42	5	337	0.14	63	16	14	16
JM RC-26-05	404	406	1056614	ORG	0.291	0.5	6.17	18	580	0.5	2	0.09	0.5	1	12	60	2	1.98	0.11	44	28	0.08	2	670	32	0.57	5	361	0.13	64	16	26	16
JM RC-26-05	406	408	1056615	EXT	0.295	0.6	6.09	21	580	0.5	2	0.1	0.5	1	15	265	2	1.57	0.14	62	27	0.09	4	610	32	0.95	5	363	0.13	64	16	26	16
JM RC-26-05	408	410	1056617	EXT	0.264	0.5	6.29	13	880	0.5	2	0.08	0.5	3	19	116	2.54	1.58	0.11	42	21	0.07	5	630	32	0.44	5	292	0.14	63	16	21	16
JM RC-26-05	410	412	1056618	EXT	0.263	0.5	6.9	23	910	0.5	2	0.1	0.5	3	19	126	2.15	1.46	0.11	53	22	0.07	2	710	55	1.1	5	324	0.12	53	16	17	20
JM RC-26-05	412	414	1056619	EXT	0.298	0.5	7.32	34	900	0.6	2	0.12	0.5	3	20	234	2.4	1.54	0.15	56	23	0.09	4	620	44	2.62	5	384	0.13	67	16	29	16
JM RC-26-05	414	416	1056620	EXT	0.259	0.6	5.96	40	870	0.6	2	0.09	0.5	2	11	204	2.62	1.26	0.07	45	29	0.07	7	620	62	2.91	6	317	0.13	56	16	16	16
JM RC-26-05	416	418	1056621	EXT	0.172	184	4.89	2560	10	0.5	88	0.12	0.5	3	15	6450	3.63	0.55	0.89	31	27	0.06	6	560	256	4.26	91	311	0.08	66	16	21	260
JM RC-26-05	418	420	1056622	EXT	0.114	7.4	5.81	1560	40	0.5	14	0.21	0.5	5	13	2610	3.86	0.58	0.76	149	21	0.12	4	940	142	3.53	36	236	0.14	52	16	32	230
JM RC-26-05	420	422	1056623	EXT	0.187	1.9	4.9	230	30	0.5	4	0.09	0.5	2	20	342	2.88	0.66	0.44	46	6	0.06	3	800	274	2.09	5	93	0.1	37	16	13	16
JM RC-26-05	422	424	1056624	EXT	0.19	0.6	5.66	68	280	0.5	5	0.1	0.5	2	17	268	2.34	1.42	0.72	69	38	0.07	5	640	78	1.98	5	225	0.14	62	16	16	16
JM RC-26-05	424	426	1056625	EXT	0.205	1	6.14	54	880	0.5	4	0.13	0.5	3	16	364	2.86	1.56	0.19	71	17	0.11	4	930	90	0.96	5	239	0.15	72	16	32	16
JM RC-26-05	426	428	1056626	EXT	0.251	0.5	5.9	34	290	0.5	2	0.08	0.5	3	12	168	2.68	1.52	0.12	91	19	0.06	3	970	37	2.2	5	178	0.13	71	16	17	30
JM RC-26-05	428	430	1056627	EXT	0.273	0.5	5.89	29	220	0.5	2	0.1	0.5	2	19	133	3.07	1.54	0.11	44	16	0.06	3	870	36	2.68	5	178	0.13	78	16	18	16
JM RC-26-05	430	432	1056628	EXT	0.218	0.5	5.8	34	550	0.5	2	0.13	0.5	1	12	294	2.72	1.49	0.19	65	25	0.06	4	800	32	0.7	5	178	0.13	73	16	25	16
JM RC-26-05	432	434	1056629	EXT	0.248	0.6	6.03	27	540	0.5	2	0.17	0.5	3	17	454	2.64	1.6	0.2	77	25	0.13	7	800	32	0.93	5	282	0.16	78	16	28	16
JM RC-26-05	434	436	1056630	EXT	0.202	0.9	6.07	34	910	0.6	2	0.16	0.5	4	15	441	2.67	1.6	0.24	112	23	0.11	8	860	25	1.4	5	168	0.21	78	16	36	16
JM RC-26-05	436	438	1056631	EXT	0.164	0.6	6.28	34	560	0.5	2	0.17	0.5	4	19	341	3.01	1.54	0.19	65	35	0.11	8	830	26	1.27	5	264	0.19	82	16	30	16
JM RC-26-05	438	440	1056632	EXT	0.217	0.6	6.38	34	630	0.5	2	0.13	0.5	3	15	135	2.62	1.38	0.17	67	29	0.09	5	900	30	0.88	5	205	0.16	91	16	17	16
JM RC-26-05	440	442	1056633	EXT	0.18	0.5	6.63	41	670	0.6	2	0.15	0.5	3	21	378	2.83	1.56	0.23	79	38	0.12	3	920	31	0.71	5	241	0.16	91	16	36	16
JM RC-26-05	442	444	1056634	EXT	0.13	0.9	6.05	52	140	0.7	2	0.26	0.5	5	15	166	3.88	1.34	0.33	183	16	0.16	8	670	30	2.92	5	190	0.23	91	16	51	16
JM RC-26-05	444	446	1056635	EXT	0.162	0.6	6.83	14	470	0.5	2	0.1	0.5	3	17	225	2.54	1.3	0.15	53	20	0.08	5	800	16	0.66	5	253	0.15	91	16	25	16
JM RC-26-05	446	448	1056636	EXT	0.146	0.5	6.5	21	440	0.5	2	0.11	0.5	1	15	126	2.63	1.44	0.14	54	33	0.1	1	850	17	0.52	5	221	0.17	91	16	24	16
JM RC-26-05	448	450	1056637	EXT	0.016	0.8	7.53	27	160	1.2	2	0.26	0.5	9	9	334	2.16	0.93	0.54	144	5	0.25	4	730	156	2.95	5	126	0.32	113	16	84	16
JM RC-26-05	450	452	1056638	EXT	0.627	0.8	6.35	154	250	1.2	2	0.15	2.5	12	7	388	2.75	1.44	0.54	438	11	0.62	6	800	114	3.32	5	134	0.21	97	16	88	136
JM RC-26-05	452	454	1056639	EXT	0.811	0.8	6.9	75	210	1.1	2	0.1	0.9	10	8	188	2.38	1.34	0.41	391	7	1	12	380	7	2	5	170	0.18	88	16	188	40
JM RC-26-05	454	456	1056640	EXT	0.004	1	7.25	84	390	1.2	2	0.13	0.7	14	16	276	2.49	1.42	0.33	130	4	0.18	7	830	2	2.17	5	254	0.21	98	16	48	60
JM RC-26-05	456	458	1056641	ORG	0.833	0.7	8.01	79	530	1.1	2	1.98	1	21	14	198	3.19	1.53	0.62	544	4	1.08	12	530	4	1.48	5	348	0.29	97	16	261	60
JM RC-26-05	458	460	1056643	EXT	0.084	0.6	7.09	83	370	1.1	2	0.27	1.6	7	7	254	2.21	1.54	0.16	75	6	0.16	5	450	2	3.18	5	309	0.16	63	16	50	16
JM RC-26-05	460	462	1056644	EXT	0.051	0.5	8.07	88	480	1.2	2	0.44	0.6	13	36	646	3.06	1.35	0.77	335	13	0.58	12	780	18	2.38	5	221	0.18	116	16	221	16
JM RC-26-05	462	464	1056645	EXT	0.023	0.5	7.13	39	620	2	2	0.64	0.5	8	4	67	2.15	1.46	0.41	481	2	1.66	8	480	2	1.1	5	284	0.16	67	16	234	16
JM RC-26-05	464	466	1056646	EXT	0.022	0.5	7.38	31	440	1.7	2	1.67	0.6	8	14	129	3.36	1.4	0.62	775	5	1.8	11	740	5	2.05	5	340	0.29	89	16	195	16
JM RC-26-05	466	468	1056647	EXT	0.045	0.5	6.79	31	210	1.5	2	1.48	0.5	11	12	292	3.12	1.26	0.72	709	6	2.13	9	640	4	2.25	5	360	0.25	98	16	164	16
JM RC-26-05	468	470	1056648	EXT	0.016	0.5	6.79	30	290	1.7	2	0.7	0.5	7	4	297	3.57	1.2	0.38	866	2	2.41	8	420	2	2.18	5	360	0.15	51	16	164	16
JM RC-26-05	470	472	1056649	EXT	0.013	0.5	6.84	10	510	1.4	2	1.98	0.5	11	14	233	3.41	1.34	0.99	747	3	2.2	11	630	2	1.46	5	366	0.27	112	16	112	16
JM RC-26-05	472	474	1056650	EXT	0.017	0.5	6.64	48	160	1.5	2	1.07	0.5	12	7	707	3.52	1.06	0.4	616	4	2.14	5	430	11	2.84	5	258	0.2	82	16	144	16
JM RC-26-05	474	476	1056651	EXT	0.027	0.5	7.34	34	280	1.6	2	1.54	0.5	12

BDH	From	To	SAM	EAT	As_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_f_ppb
JM RC-27-05	4	6	105687	EXT	0.138	0.5	0.65	38	530	0.5	6	0.2	0.5	1	65	345	4.77	1.4	0.66	97	37	0.15	26	1745	15	0.53	5	756	0.26	156	10	43	30
JM RC-27-05	6	8	105688	EXT	0.14	0.5	7.49	22	360	0.7	6	0.14	0.7	1	64	595	6.09	1.17	0.47	34	58	0.13	11	1276	20	0.27	5	661	0.21	119	10	15	10
JM RC-27-05	8	10	105689	EXT	0.149	0.5	8.26	34	760	1.1	7	0.16	0.8	1	47	432	5.36	1.26	1.2	69	65	0.1	35	1660	9	0.23	5	783	0.3	154	10	53	10
JM RC-27-05	10	12	105670	EXT	0.117	0.5	8.68	25	230	1.5	8	0.2	0.8	1	99	383	6.21	1.54	1.34	79	91	0.09	38	2030	5	0.24	5	548	0.37	188	10	80	10
JM RC-27-05	12	14	105671	EXT	0.222	0.5	9.65	35	270	0.9	5	0.14	0.6	1	84	397	6.23	1.52	0.9	38	34	0.09	25	1406	9	0.27	5	570	0.31	165	10	51	10
JM RC-27-05	14	16	105672	EXT	0.148	0.5	8.26	48	250	1.1	7	0.21	0.7	1	89	461	6.76	1.68	1.12	61	35	0.08	32	2200	7	0.29	5	661	0.37	181	10	43	10
JM RC-27-05	16	18	105673	EXT	0.092	0.5	8.48	51	440	0.7	2	0.14	0.5	1	47	299	4.79	1.44	0.14	36	29	0.09	7	1450	14	0.39	5	668	0.2	97	10	8	10
JM RC-27-05	18	20	105674	EXT	0.082	0.7	6.97	233	480	0.5	2	0.04	0.9	1	8	29	1.44	1.99	0.1	34	49	0.09	2	460	9	0.49	15	144	0.05	26	10	3	430
JM RC-27-05	20	22	105675	EXT	0.126	0.8	9.62	446	620	0.5	2	0.04	0.8	1	8	46	1.64	1.79	0.04	50	94	0.09	3	420	10	0.62	5	124	0.06	22	10	3	310
JM RC-27-05	22	24	105676	EXT	0.074	0.5	5.16	156	660	0.5	2	0.05	0.7	1	7	41	1.66	1.58	0.05	44	62	0.09	2	540	15	0.67	15	231	0.08	20	10	4	260
JM RC-27-05	24	26	105677	EXT	0.217	1	4.87	491	560	0.5	2	0.03	0.6	1	7	44	1.72	1.3	0.06	65	66	0.09	3	350	9	0.7	25	82	0.07	14	10	4	1420
JM RC-27-05	26	28	105678	EXT	0.127	0.5	4.56	197	590	0.5	2	0.06	0.9	2	8	44	1.7	1.2	0.04	43	68	0.07	5	540	14	0.83	13	202	0.05	29	10	4	240
JM RC-27-05	28	30	105679	EXT	0.134	0.6	4.38	265	300	0.5	2	0.04	0.8	1	9	130	2.64	1.32	0.03	61	126	0.08	4	700	22	1.73	11	323	0.04	38	10	5	930
JM RC-27-05	30	32	105680	EXT	0.114	0.6	4.81	673	660	0.5	2	0.01	0.8	1	9	57	2	1.66	0.08	51	47	0.08	4	350	14	0.87	5	150	0.08	27	10	4	270
JM RC-27-05	32	34	105681	EXT	0.178	0.5	5.36	575	600	0.5	2	0.04	0.8	1	7	326	1.84	1.83	0.05	55	65	0.08	4	460	19	1.14	12	164	0.06	25	10	8	640
JM RC-27-05	34	36	105682	EXT	0.11	0.6	4.25	225	530	0.5	2	0.05	0.5	2	9	60	1.41	1.42	0.03	58	62	0.09	3	540	30	0.84	5	152	0.04	24	10	3	170
JM RC-27-05	36	38	105683	EXT	0.134	0.5	4.4	312	580	0.5	2	0.04	0.9	3	8	40	2.12	1.68	0.04	71	60	0.08	8	430	19	1.08	5	147	0.05	19	10	3	350
JM RC-27-05	38	40	105684	EXT	0.08	0.6	3.66	213	990	0.5	2	0.04	0.5	1	7	28	2.02	1.2	0.03	47	44	0.07	1	430	30	0.87	5	185	0.04	18	10	2	130
JM RC-27-05	40	42	105685	EXT	0.056	0.5	3.72	32	560	0.5	2	0.04	0.5	2	9	36	1.38	0.65	0.02	76	57	0.08	4	370	19	0.87	5	158	0.04	13	10	4	160
JM RC-27-05	42	44	105686	EXT	0.05	0.5	2.2	24	460	0.5	3	0.05	0.5	1	9	29	1.4	0.39	0.01	57	66	0.05	3	490	31	0.73	5	347	0.02	9	10	4	110
JM RC-27-05	44	46	105687	EXT	0.075	0.5	3.08	17	170	0.5	2	0.04	0.5	5	9	59	1.66	0.57	0.01	67	138	0.04	4	460	36	1.56	5	148	0.04	9	10	4	130
JM RC-27-05	46	48	105688	EXT	0.339	1.1	4.3	146	110	0.5	2	0.04	0.5	10	7	229	2.79	1.34	0.05	58	43	0.04	4	440	26	2.87	9	162	0.04	13	10	8	840
JM RC-27-05	48	50	105689	ORG	0.264	1.1	5.5	173	140	0.5	2	0.03	0.5	9	8	138	2.7	1.48	0.06	34	44	0.04	5	350	9	2.88	5	95	0.05	18	10	5	810
JM RC-27-05	50	52	105691	EXT	0.341	1.2	5.37	202	340	0.5	2	0.02	1	10	8	132	2.44	1.9	0.07	33	68	0.07	2	330	8	2.51	5	73	0.06	17	10	6	1430
JM RC-27-05	52	54	105692	EXT	0.233	0.9	4.63	58	320	0.5	3	0.02	0.8	10	6	104	2.06	1.62	0.07	44	74	0.04	7	330	9	2.54	5	63	0.05	14	10	3	310
JM RC-27-05	54	56	105693	EXT	0.252	0.7	5.29	199	200	0.5	2	0.03	1.9	14	4	107	2.05	1.66	0.04	31	146	0.05	8	420	17	0.73	5	135	0.05	20	10	4	410
JM RC-27-05	56	58	105694	EXT	0.168	0.6	4.69	767	230	0.5	2	0.03	7.6	7	3	1740	2.74	1.9	0.09	30	30	0.05	5	390	17	2.67	16	164	0.06	15	10	16	1670
JM RC-27-05	58	60	105695	EXT	0.339	1.2	4.96	481	200	0.5	2	0.02	2.3	16	3	2600	3.14	1.65	0.06	27	71	0.05	3	290	19	3.4	6	65	0.06	17	10	15	1880
JM RC-27-05	60	62	105696	EXT	0.513	1.4	3.36	954	370	0.5	2	0.02	2.1	9	2	2560	2.34	1.24	0.05	24	67	0.05	2	190	15	2.34	5	61	0.04	17	10	11	630
JM RC-27-05	62	64	105697	EXT	0.659	1.3	5.14	24	160	0.5	2	0.02	1.2	9	1	1160	3.06	1.52	0.1	39	36	0.05	6	220	16	3.22	5	62	0.04	17	10	8	150
JM RC-27-05	64	66	105698	EXT	0.348	2.2	5.23	66	340	0.5	2	0.02	1.4	12	3	3540	3.51	1.92	0.08	44	89	0.07	5	390	22	3.54	5	94	0.06	22	10	13	110
JM RC-27-05	66	68	105699	EXT	0.367	1	4.69	98	230	0.5	3	0.02	1.6	13	2	4140	3.72	1.94	0.09	34	175	0.06	7	330	23	3.66	5	88	0.06	20	10	16	70
JM RC-27-05	68	70	105700	EXT	0.262	0.5	5.96	30	230	0.5	2	0.09	0.6	11	2	3400	3.39	2.02	0.15	31	41	0.06	7	350	19	3.7	5	156	0.08	22	10	4	90
JM RC-27-05	70	72	105701	EXT	0.311	0.8	5.46	17	240	0.5	2	0.02	0.7	10	1	3140	3.01	2.37	0.17	22	34	0.09	4	270	14	3.04	5	83	0.06	19	10	7	110
JM RC-27-05	72	74	105702	EXT	0.311	0.5	5.92	35	240	0.5	4	0.03	0.5	12	2	3430	3.46	1.88	0.14	32	60	0.08	7	370	14	3.53	5	142	0.07	24	10	7	160
JM RC-27-05	74	76	105703	EXT	0.47	0.6	5.33	50	220	0.5	2	0.02	0.6	12	3	5750	3.52	2.42	0.11	28	78	0.07	7	290	14	3.75	5	104	0.07	22	10	9	90
JM RC-27-05	76	78	105704	EXT	0.329	0.6	5.17	165	200	0.5	2	0.05	1.1	10	2	2630	3.64	2.08	0.1	29	58	0.07	6	340	24	4.26	5	145	0.08	25	10	8	60
JM RC-27-05	78	80	105705	EXT	0.258	0.6	4.67	90	260	0.5	2	0.03	1.4	13	10	2360	3.09	1.98	0.19	33	62	0.06	13	330	19	3.12	5	164	0.06	23	10	14	90
JM RC-27-05	80	82	105706	EXT	0.309	1	5.17	19	250	0.5	2	0.05	1.5	8	2	2270	2.45	1.8	0.24	33	68	0.07	7	290	15	2.27	5	86	0.06	21	10	13	20
JM RC-27-05	82	84	105707	EXT	0.372	0.6	5.96	6	350	0.5	5	0.04	0.8	7	3	2820	3.05	2.23	0.26	28	162	0.1	16	350	19	2.96	5	130	0.07	23	10	12	10
JM RC-27-05	84	86	105708	EXT	0.208	0.6	9.44	14	480	0.8	6	0.1	0.6	8	84	470	4.11	1.46	0.83	21	61	0.12	36	1240	11	1.94	5	165	0.36	142	10	25	10
JM RC-27-05	86	88	105709	EXT	0.237	0.6	9.95	10	330	0.8	7	0.12	0.8	8	80	2256	3.36	1.29	0.99	33	38	0.12	42	1450	4	1.44	5	764	0.34	143	10	30	10
JM RC-27-05	88	90	105710	EXT	0.411	0.6	7.95	9	210	0.9	6	0.09	0.6	11	43	9020	4.67	1.58	0.47	37	116	0.15	33	1040	19	5.97	5	607	0.15	97	10	17	10
JM RC-27-05	90	92	105711	EXT	0.245	0.5	7.62	10	300	0.8	4	0.07	0.6	13	68	2620	5.82	1.8	0.74	24	47	0.11	12	700	11	2.77	5	410	0.28	47	10	24	10
JM RC-27-05	92	94	105712	EXT	0.266	0.5	4.36	15	300	0.7	6	0.09	0.9	8	84	2210	4.25	1.52	1.12	37	65	0.09	50	1300	8	0.85	5	788	0.4	144	10	40	10
JM RC-27-05	94	96	105713	EXT	0.214	0.5	6.58	16	310	0.7	6	0.08	0.6	13	84	2376	4.5	2.07	1.26	26	31	0.08	45	1240	13	1.48	5	788	0.42	146	10	45	10
JM RC-27-05	96	98	105714	EXT	0.422	0.6	6.18	8	240	0.8	4	0.07	0.6	13	12	4260	3.7	1.84	0.61	36	54	0.04	19	800	17	3.73	5	210	0.09	42	10	21	10
JM RC-27-05	98	100	105715	EXT	0.279	0.5	6.37	5	120	0.8	2	0.05	0.6	10	21	4450	4.41	1.98	0.27	31	666	0.09	8	980	26	4.81	5	214	0.08	68	10	6	10
JM RC-27-05	100	102	105716	EXT	0.254	0.5	7.16	31	130	0.8	2	0.03	0.5	10	2	3500	3.87	2.61	0.12	21	57	0.09	3	410	19	4	5	130	0.08	23	10	5	50
JM RC-27-05	102	104	105717	ORG	0.235	0.7	7.25	20	200	0.8	4	0.04	1.4	9	1	4400	2.95	2.77	0.19	37	55	0.1	8	600	15	3.08	5	136	0.1	18	10	11	50
JM RC-27-05	104	106	105718	EXT	0.383	0.6	8.61	12	240	0.8	4	0.04	1.1	7	1	4180	2.9	2.27	0.13	26	76	0.04	8	580	18	3.12	5	126	0.08	20	10	8	20
JM RC-27-05	106	108	105719	EXT	0.339	1.1	5.98	112	140	0.8	4	0.04	1.3	10	2	3700	3.29	2.34	0.1	19	47	0.07	7	390	14	3.77	23	148	0.07	18	10	17	80
JM RC-27-05	108	110	105720	EXT	0.466	1.4	4.74	134	160	0.8	2	0.03	1.6	6	1	4750	3	2.15	0.1	27	52	0.06	6	330	13	3.22	5	115	0.06	14	10	10	80
JM RC-27-05	110	112	105722	EXT	0.304	0.8	4.98	341	230	0.8	2	0.04	0.7	9	3	4110	3.28	1.78	0.67	33	68	0.05	7	430	18	3.66	7	132	0.08	23	10	10	30
JM RC-27-05	112	114	105723	EXT	0.321	0.6	5.11	163	280	0.8	2	0.03	0.9	9	3	3480	2.87	1.7	0.1	34	112	0.06	5	310	18	3.18	5	107	0.07	22	10	4	20
JM RC-27-05	114	116	105724	EXT	0.363	0.7	6.91	258	160	0.8	3	0.12	0.8	8	15	4200	4.09	1.84	0.1	23	69	0.09	15	1310	37	4.54	8	881	0.1	53	10	5	70
JM RC-27-05	116	118	105725	EXT	0.346	1.3	6.58	306	150	0.8	2	0.03	0.6	10	4	3670	4.1	2.02	0.07	39	75	0.07	6	460	20	4.48	21	144	0.07	24	10	6	70
JM RC-27-05	118	120	105726	EXT	0.275	0.6	6.91	150	110	0.8	2	0.08	0.8	21	6	3630	3.53	2.07	0.06	34	69	0.04	12	430	22	4.37	5	154	0.08	37	10	4	30
JM RC-27-05	120	122	105727	EXT	0.367	1	6.22	158	200	0.8	2	0.03	0.8	14	6	3540	3.58	2.56	0.11	37	57	0.08	9	450	17	3.91	5	108	0.08	28	10	6	30
JM RC-27-05	122	124	105728	EXT	0.243	0.7	6.18	146	160	0.8	4	0.05	0.8	31	6	2370	2.77	1.51	0.08	29	61	0.12	17	650	31	3.98	15	208	0.05	44	10	5	30
JM RC-27-05	124	126	105729	EXT	0.647	1.4	5.77	56	270	0.8	4	0.04	0.8	4	4	5700	2.99	1.6	0.11	39	57	0.09	7	390	19	2.99	5	98	0.06	31	10	13	30
JM RC-27-05	126	128	105730	EXT	0.342	0.5	6.63	14	220	0.8	5	0.08	0.5	6	12	4430	3.16	2.15	0.69	22	42	0.14	6	570	19	3.58	5	234	0.08	46	10	7	30
JM RC-27-05	128	130	105731	EXT	0.454	0.7	6.4	28	320	1.2	2	0.11	0.9	12	56	4160	3.78	1.34	0.57	48	158	0.16	38	1450	7	3.3	5	573	0.57	139	20	25	40
JM RC-27-05	130	132	105732	EXT	0.297	0.5	9.87	12	300	1.5	5	0.08	0.8	16	97	2910	2.24	1.32	0.43	38	51	0.22	61	1150	3	2.17	5	488	0.29	142	10	22	10
JM RC-27-05	132	134	105733	EXT	0.456	1.1	7.39	114	290	0.5	2	0.08	0.5	13	19	5330	3.3	1.63	0.33	24	114	0.2	13	890	7	3.52	5	309	0.12	70	10	14	30
JM RC-27-05	134	136	105734	EXT	0.252	1.8	6.66	73	170	0.6	3	0.07	0.7	12	17	4300	3.29	2.09	0.12	22	61	0.25	44	940	8	3.94	5	488	0.09	57	10	10	10
JM RC-27-05	136	138	105735	EXT	0.279	0.8	6.95	44	280	0.8	3	0.08	0.8	27	34	3160	1.87	1.14	0.14	15	119	0.3	24	1160	3	2.85	5	614	0.27	100	10	16	10
JM RC-27-05	138	140	105736	EXT	0.376	0.8	5.77	7	200	0.5	4	0.05	0.8	7	6	4840	2.73	1.58	0.14	21	47	0.23	9	530	4	3.56	5	180	0.05	46	10	9	10
JM RC-27-05	140	142	105737	EXT	0.312	0.6	10.46	16	280	0.8	4	0.05	0.8	16	21	4390	2.85	1.5	0.18	18	105	0.48	19	880	8	3.91	5	329	0.17	131	10	15	10
JM RC-27-05	142	144	105738	EXT	0.377	0.9	9.58	17	290	1	4	0.05	0.9	13	20	4460	2.91	1.52	0.21	23	90	0.39	13	940	9	3.84	5	358	0.18	139	10	12	10
JM RC-27-05	144	146	105739	ORG	0.24	0.5	10.05	7	200	1.3	2	0.04	0.8	16	18	2660	1.76	1.19	0.16	16	31	0.8	29	570	5	3.19	5	302	0.27	103	10	13	10
JM RC-27-05	146	148	105741	EXT	0.349	0.7	9.41	13	190	1	2	0.04	0.5	15	19	2358	2.14	1.17	0.2	18	38	0.4	29	580	7	2.9	5	198	0.19	102	10	11	10
JM RC-27-05	148	150	105742	EXT	0.238	0.5	9.73	30	160	1.1	2	0.06	0.7	10	21	1830	2.02	1.2	0.16	14	28	0.51	26	880	7	2.78	5	200	0.23	133	10	12	20
JM RC-27-05	150	152	105743	EXT	0.154	0.9	9.61	344	230	0.9	2	0.06	0.8	13	30	3100	4.56	1.98	0.47	33	54	0.39	12	630	7	5.12	5	164	0.17	146	10	22	80
JM RC-27-05	152	154	105744	EXT	0.15	0.8	8.4	272	240	1.2	2	0.08	0.9	17	21	2640	4.1	1.39	0.46	29	95	0.46	10	640	6	5.06	5	154	0.16	144	10	22	100
JM RC-27-05	154	156	105745	EXT	0.113	0.8	8.55	38	260	1.6	4	0.05	0.8	13	21	1910	4.05	3.11	0.75	41	38	0.26	14	560	2	4.47	5	108	0.16	158	10	21	10
JM RC-27-05	156	158	105746	EXT	0.573	0.8	8.65	25	220	1.3	3	0.05	0.8	8	18	2530	3.91	1.24	0.45	36	46	0.26	16	580	4	3.86	5	76	0.17	107	10	14	40
JM RC-27-05	158	160	105747	EXT	0.48	0.6	9.98	15	210	1.2	3	0.06	0.6	9	19	2400	1.84	1.41	0.86	30	36	0.32	22	740	3	3.16	5	86	0.21	131	10	37	10
JM RC-27-05	160	162	105748	EXT	0.274	0.9	8.29	17	250	1.6	2	0.07	0.8	15	20	2960	3.18	1.22	0.4	29	50	0.33	24	830	2	3.83	5	94	0.18	124	10	19	30
JM RC-27-05	162	164	105748	ORG	0.303	1	9.47	4	310	1.7	2	0.05	0.8	14	19	3100	3.11	1.14	0.36	30	31	0.31	29	710	10	3.41	5	81	0.2	130	10	17	10
JM RC-27-05	164	166	105751	EXT	0.336	0.6	9.66	9	280	1.8	2	0.06	0.5	8	18	3400	2.2	1.52	0.36	42	60	0.31	49	660	2	2.14	5	132	0.21	136	10	21	10
JM RC-27-05	166	168	105752	EXT	0.297	0.7	10.8	9	250	2.4	5	0.06	0.8	8	21	2660	1.85	1.85	0.34	31	74	0.42	71	600	2	1.09	5	131	0.18	137	10	27	10
JM RC-27-05	168	170	105753	EXT	0.301	0.7	10.8	13	320	2.5	2	0.08	1.3	13	21	3020	2.1	1.15	0.41	73	80	0.36	55	840	2	1.73	5	94	0.26	151	10	36	10
JM RC-27-05	170	172	105754	EXT	0.402	0.6	9.8	6	230	2.2	6	0.05	0.6	13	18	3470	2.58	1.53	0.77	199	58	0.3	45	990	2	1.83	5	65	0.22	154	10	48	10
JM RC-27-05	172	174	105755	EXT	0.297	1.1	8.4	16	250	2.6	5	0.05	0.9	13	17	3250	2.53	1.4	1.09	220	36	0.39	36	740	2	1.16	5	112	0.18	131	10	74	10
JM RC-27-05	174	176	105756	EXT	0.22	0.5	4.67	9	260	2.2	2	0.05	0.7	13	17	1830	3.58	1.48	1.36	364	137	0.34	18	780	2	0.65	5	103	0.17	130	10	74	10
JM RC-27-05	176	178	105757	EXT	0.287	0.6	8.56	8	300	2.3	2	0.07	2.5	16	16	3660	3.87	1.8	1.38	430	66	0.36	19	1000	2	0.84	5	117	0.19	146	10	82	10
JM RC-27-05	178	180	105758	EXT	0.456	1.1	7.91	11	300	2.4	4	0.06	0.9	9	15	3620	3.14	1.34	1.87	348	47	0.26	17	640	2	0.89	5	98	0.14	114	10	68	10
JM RC-27-05	180	182	105759	EXT	0.465	1.2	8.4	14	470	2.8	2	0.08	0.7	11	19	4220	3.24	1.54	0.66	299	59	0.3	17	770	4	1.28	5	79	0.2	146	10	58	10
JM RC-27-05	182	184	105760	EXT	0.368	1.1	5.36	12	270	2	4	0.03	0.6	10	15	3670	3.52	1.6	1.88	485	74	0.28	16	360	2	0.88	5	39	0.19	133	10	88	10
JM RC-27-05	184	186	105761	EXT	0.235	0.8	9.27	14	330	2.5	2	0.02	4	12	19	2630	3.04	1.57	1.5	430	73	0.29	13	340	2	0.58	5	38	0.15	140	10	78	10
JM RC-27-05	186	188	105762	EXT	0.27	1.1	8.32	13	220	2.2	4	0.03	7.9	16	17	2830	3.53	1.1	1.98	542	39	0.32	19	430	2	0.54	5	44	0.25	143	10	108	10
JM RC-27-05	188	190	105763	EXT	0.329	0.9	9.91	16	280	1.8	4	0.05	0.7	12	15	3660	3.9



RC+	From	To	SAM	CAT	As_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-26-05	12	14	105690	EXT	0.011	0.5	0.81	16	330	0.5	5	3.97	0.5	16	6	67	4.06	1.22	1.91	966	1	1.66	10	660	6	0.01	5	853	0.16	174	10	75	10
JM RC-26-05	14	16	105691	EXT	0.009	0.5	7.13	21	370	1	5	4.43	0.5	19	7	73	4.17	1.19	1.84	865	2	2.02	11	720	6	0.01	5	595	0.18	190	10	73	10
JM RC-26-05	16	18	105692	EXT	0.005	0.5	6.96	14	370	0.5	4	4.57	0.5	17	7	30	4.06	1.19	1.98	844	1	1.9	10	730	6	0.01	5	567	0.18	179	10	72	10
JM RC-26-05	18	20	105693	EXT	0.005	0.5	6.67	11	420	0.5	4	4.83	0.5	17	7	33	4.19	1.24	1.96	872	2	1.91	13	720	6	0.01	5	609	0.18	182	10	74	10
JM RC-26-05	20	22	105694	EXT	0.005	0.5	7.04	14	410	0.5	4	4.85	0.5	17	8	28	4.19	1.21	1.99	871	2	1.96	11	710	6	0.01	5	563	0.18	184	10	75	10
JM RC-26-05	22	24	105695	EXT	0.005	0.5	6.95	16	390	0.5	4	4.52	0.7	17	7	56	4.33	1.09	1.88	871	1	1.82	11	700	10	0.01	5	432	0.16	184	10	82	10
JM RC-26-05	24	26	105696	EXT	0.011	0.5	7.66	18	480	1	2	4.94	0.8	18	10	108	4.83	1.4	1.92	980	1	1.98	8	780	10	0.01	5	464	0.21	195	10	132	10
JM RC-26-05	26	28	105697	EXT	0.005	0.5	6.15	19	330	0.9	2	5.26	0.9	17	10	14	4.64	1.17	1.94	1050	1	2.23	9	740	6	0.01	5	454	0.22	202	10	146	10
JM RC-26-05	28	30	105698	ORG	0.005	0.5	7.94	29	300	0.9	2	5.17	1.4	16	10	43	4.8	1.62	1.91	985	2	2.12	9	760	8	0.01	5	536	0.21	188	20	132	10
JM RC-26-05	30	32	105699	EXT	0.005	0.5	7.62	14	280	0.9	2	5.07	1	16	10	54	4.9	1	1.83	967	1	2.26	8	740	6	0.01	5	544	0.22	201	10	136	10
JM RC-26-05	32	34	105701	EXT	0.005	0.5	8.39	24	330	1	2	4.75	0.9	19	10	99	4.76	1.16	1.88	922	1	2.13	10	780	6	0.01	5	629	0.21	194	10	134	10
JM RC-26-05	34	36	105702	EXT	0.005	0.5	8.22	14	440	1	2	4.99	1	17	9	142	4.8	1.38	1.88	932	1	1.9	11	730	6	0.01	5	558	0.2	182	10	142	10
JM RC-26-05	36	38	105703	EXT	0.005	0.5	7.87	21	540	1	2	4.66	1.2	18	9	100	4.54	1.42	1.88	894	1	1.98	11	730	6	0.01	5	565	0.19	184	10	136	10
JM RC-26-05	38	40	105704	EXT	0.005	0.5	9.25	20	470	1	2	4.99	0.9	17	8	106	4.71	1.38	1.96	925	1	2.12	11	760	7	0.01	5	610	0.21	184	10	144	10
JM RC-26-05	40	42	105705	EXT	0.005	0.7	8.27	19	280	0.8	2	4.56	1	19	12	77	4.54	1.1	1.97	891	1	1.98	12	740	12	0.34	5	352	0.21	184	10	132	10
JM RC-26-05	42	44	105706	EXT	0.005	0.5	8.48	16	240	1	2	4.84	1.4	21	10	105	5.23	1.19	1.98	980	1	1.95	13	810	2	0.01	5	393	0.25	213	10	160	10
JM RC-26-05	44	46	105707	EXT	0.005	0.5	8.13	19	300	1.1	2	4.8	1.3	20	9	87	5.19	1.24	1.9	911	1	2.15	12	750	8	0.01	5	408	0.24	214	10	162	10
JM RC-26-05	46	48	105708	EXT	0.005	0.5	7.94	16	340	1	2	5.04	1	17	10	31	4.78	1.16	1.77	934	1	2.22	10	780	10	0.01	5	449	0.23	186	10	182	10
JM RC-26-05	48	50	105709	EXT	0.005	0.5	8.47	14	350	1	2	5.26	0.8	18	9	8	4.84	1.23	1.92	956	1	2.35	10	830	11	0.01	5	485	0.24	201	10	182	10
JM RC-26-05	50	52	105710	EXT	0.005	0.5	8.38	11	660	1	2	4.6	0.8	20	12	15	4.67	1.08	1.77	862	1	2.25	13	810	11	0.01	5	434	0.26	184	10	170	10
JM RC-26-05	52	54	105711	EXT	0.005	0.5	8.23	14	310	0.8	2	4.79	0.8	19	9	48	4.73	1.14	1.84	886	1	2.28	11	780	8	0.01	5	408	0.23	186	10	167	10
JM RC-26-05	54	56	105712	EXT	0.005	0.5	8.68	15	350	1	2	5.36	0.7	21	10	134	4.9	1.06	1.93	884	2	2.62	8	840	8	0.31	5	314	0.25	203	10	156	10
JM RC-26-05	56	58	105713	EXT	0.008	0.5	8.72	33	360	1	2	4.68	1.1	18	8	63	4.62	1.16	1.83	875	1	2.32	9	840	15	0.91	5	353	0.23	200	10	134	10
JM RC-26-05	58	60	105714	EXT	0.005	0.5	8.69	22	760	0.9	2	5.13	0.6	19	8	16	4.63	0.81	1.88	938	1	2.39	11	810	12	0.2	5	403	0.22	188	10	124	10
JM RC-26-05	60	62	105715	EXT	0.005	0.5	8.64	17	780	0.8	2	5.17	0.6	15	12	39	4.85	0.79	1.92	921	1	2.15	10	810	12	0.08	5	409	0.22	193	10	116	10
JM RC-26-05	62	64	105716	EXT	0.005	0.8	8.56	23	230	1	2	4.26	1.4	20	12	65	5.35	0.98	2.07	1630	1	1.84	9	760	12	0.34	5	363	0.23	182	10	126	10
JM RC-26-05	64	66	105717	EXT	0.005	0.5	7.65	19	300	0.8	2	5.2	1.1	18	17	98	5.26	1.12	1.83	1160	1	1.82	12	780	14	0.34	5	362	0.22	186	10	160	10
JM RC-26-05	66	68	105718	EXT	0.005	0.5	8.89	26	440	1	2	3.86	1.2	14	11	85	4.68	1.01	1.44	743	1	1.6	7	750	16	0.77	5	386	0.23	186	10	122	10
JM RC-26-05	68	70	105719	EXT	0.009	0.5	8.42	24	330	1	2	4.28	1	12	15	79	4.6	1.41	1.72	958	1	1.62	11	690	25	1.44	5	377	0.23	163	10	118	10
JM RC-26-05	70	72	105720	EXT	0.005	0.5	8.43	21	460	1.1	2	4.03	1	14	9	60	4.54	1.13	1.79	914	1	2.04	9	640	13	0.34	5	350	0.24	186	10	142	10
JM RC-26-05	72	74	105721	EXT	0.005	0.5	7.56	30	460	1.1	2	4.43	0.9	15	8	30	4.68	1.21	1.76	871	1	1.84	8	670	10	1.44	5	403	0.23	187	10	124	10
JM RC-26-05	74	76	105722	EXT	0.005	0.5	9.39	21	400	1	2	3.57	0.9	12	8	12	5.71	1.47	1.8	581	1	1.54	8	730	24	1.53	5	315	0.27	213	10	116	70
JM RC-26-05	76	78	105723	EXT	0.005	0.5	8.24	22	370	1	2	4.81	0.9	13	9	5	4.77	0.77	1.78	756	1	1.84	8	650	14	1.62	5	413	0.5	197	10	125	20
JM RC-26-05	78	80	105724	EXT	0.005	0.5	8.84	36	180	1.1	2	4.88	1.2	17	13	1	4.87	0.4	2.2	1635	1	2.39	9	700	15	0.91	5	524	0.55	204	10	176	10
JM RC-26-05	80	82	105725	ORG	0.005	0.5	9.25	39	260	1	2	5.62	1.4	20	9	2	4.61	0.64	2.08	952	1	2.01	11	670	17	0.91	5	468	0.53	198	10	160	10
JM RC-26-05	82	84	105727	EXT	0.005	0.5	8.91	23	460	1.2	2	3.91	1.1	16	9	30	5.09	1.4	1.86	853	1	1.72	10	750	7	1.99	5	383	0.47	158	10	182	70
JM RC-26-05	84	86	105728	EXT	0.009	0.5	9.21	18	710	1.2	2	1.98	0.7	8	9	16	4.37	1.9	1.26	917	1	1.14	4	910	11	1.68	5	222	0.43	112	10	126	40
JM RC-26-05	86	88	105729	EXT	0.009	0.5	8.52	16	650	1.1	2	1.79	0.9	11	9	7	4.75	1.08	1.06	680	1	1.64	7	620	13	0.32	5	479	0.46	124	10	158	20
JM RC-26-05	88	90	105730	EXT	0.009	0.5	8.54	14	700	1.2	2	2.13	0.7	12	7	8	4.82	1.02	1.09	579	1	1.68	9	910	11	0.35	5	358	0.46	117	10	158	20
JM RC-26-05	90	92	105831	EXT	0.005	0.5	6.56	12	560	1.2	2	2.53	0.9	12	9	17	4.44	1.56	1.3	711	1	1.91	5	970	14	0.34	5	452	0.44	112	10	158	10
JM RC-26-05	92	94	105832	EXT	0.005	0.5	6.34	13	540	1.2	2	2.62	0.9	9	7	66	4.19	1.47	1.17	638	1	1.58	9	970	19	0.7	5	384	0.42	110	10	158	20
JM RC-26-05	94	96	105833	EXT	0.005	0.5	6.95	14	550	1.2	2	2.6	0.7	11	10	21	5.3	1.56	1.14	798	1	2.08	5	1030	13	0.02	5	677	0.52	147	10	197	10
JM RC-26-05	96	98	105834	EXT	0.005	0.5	6.61	5	440	1.1	2	3.62	1.1	12	10	1	4.56	1.36	1.46	952	1	1.91	6	960	20	0.03	5	547	0.48	134	20	194	10
JM RC-26-05	98	100	105835	EXT	0.005	0.5	6.74	10	480	1.3	2	2.69	0.7	11	9	21	4.9	1.33	1.29	791	1	2.21	5	1010	14	0.04	5	635	0.48	124	10	214	10
JM RC-26-05	100	102	105836	EXT	0.005	0.5	6.36	8	460	1.5	2	3.56	0.8	8	8	197	3.98	1.02	1.39	679	1	2.18	6	1040	22	0.01	5	888	0.4	97	10	154	10
JM RC-26-05	102	104	105837	EXT	0.005	0.5	6.17	14	460	1.6	2	2.82	0.8	16	12	180	4.63	1.32	1.35	825	2	1.91	6	1030	17	0.66	5	521	0.4	163	10	183	10
JM RC-26-05	104	106	105838	EXT	0.005	0.5	7.61	12	360	1.3	2	4.85	0.8	12	8	1	3.54	0.74	1.6	865	1	2.11	6	960	22	0.01	5	782	0.44	138	10	126	10
JM RC-26-05	106	108	105839	EXT	0.005	0.5	6.98	16	770	1.4	2	3.91	0.8	8	11	3	3.8	0.8	1.26	860	1	2.53	6	1160	18	0.01	5	838	0.4	84	10	116	10
JM RC-26-05	108	110	105840	EXT	0.005	0.5	6.39	5	485	1.3	2	3.32	0.8	10	13	3	4.06	1.07	1.46	800	1	2.11	7	1140	14	0.01	5	563	0.38	94	10	125	10
JM RC-26-05	110	112	105841	EXT	0.005	0.5	6.97	10	570	1.3	2	2.62	1	9	8	3	4.34	1.09	1.36	767	1	2.06	5	1030	11	0.01	5	457	0.43	108	10	134	6
JM RC-26-05	112	114	105842	EXT	0.005	0.5	6.88	5	570	1.3	2	2.36	0.7	7	8	17	4.19	1.51	1.18	606	1	1.97	5	700	12	0.34	5	405	0.41	165	10	166	10
JM RC-26-06	114	116	105843	EXT	0.005	0.5	8.68	6	560	1.5	2	2.36	0.7	9	8	15	4.34	1.64	1.36	999	1	1.97	6	970	15	0.17	5	372	0.4	114	10	114	10
JM RC-26-05	116	118	105844	EXT	0.009	0.5	8.03	6	530	1.4	2	1.84	0.7	9	8	12	4.72	1.54	1.3	728	1	1.82	4	870	8	0.04	5	254	0.4	116	10	106	10
JM RC-26-05	118	120	105845	EXT	0.011	0.5	9.44	10	530	1.6	2	1.71	1	11	9	1	4.43	1.8	1.76	794	1	1.62	8	1040	7	0.03	5	366	0.44	143	10	116	10
JM RC-26-05	120	122	105846	EXT	0.008	0.5	8.36	7	440	1.5	2	2.36	1.1	16	8	6	4.73	1.09	1.66	1295	1	2	10	830	10	0.12	5	384	0.47	151	10	136	10
JM RC-26-05	122	124	105847	EXT	0.006	0.5	8.87	6	420	2	2	2.71	0.8	16	8	1	5.34	0.64	1.99	1465	1	2.1	13	820	12	0.52	5	478	0.45	145	10	203	10
JM RC-26-05	124	126	105848	ORG	0.007	0.5	8.58	17	650	2.3	2	3.8	1.3	16	10	12	4.4	0.67	2.14	1130	1	1.84	15	780	11	1.39	5	408	0.46	152	10	209	10
JM RC-26-05	126	128	105850	EXT	0.013	0.5	9.34	15	568	1.9	2	1.41	0.8	17	9	37	4.45	1.64	1.93	858	1	1.4	12	880	8	3.32	5	315	0.43	142	10	193	10
JM RC-26-05	128	130	105851	EXT	0.011	0.5	9.45	16	370	1.9	2	1.44	0.8	17	8	14	4.54	1.39	2.37	1046	1	1.97	17	970	14	2.39	5	359	0.44	150	10	184	10
JM RC-26-05	130	132	105852	EXT	0.008	0.5	9.34	28	340	2.2	2	1.93	0.7	17	8	39	4.17	1.87	2.16	1620	1	1.77	14	960	15	2.36	5	237	0.46	152	10	174	10
JM RC-26-05	132	134	105853	EXT	0.008	0.7	9.5	29	340	2.2	2	3.22	0.8	16	9	60	3.66	0.72	2.32	1670	1	2.47	12	860	15	2.5	5	397	0.46	148	10	162	10
JM RC-26-05	134	136	105854	EXT	0.009	0.5	8.32	25	320	1.7	2	1.76	0.8	15	8	21	4.79	1.14	2.21	1360	1	1.84	15	910	16	2.29	5	212	0.48	148	10	179	10
JM RC-26-05	136	138	105855	EXT	0.005	0.5	9.37	27	210	1.7	2	1.7	0.9	17	9	58	4.66	1.22	2.45	1788	1	1.36	12	930	11	2.13	5	308	0.44	138	10	174	10
JM RC-26-05	138	140	105856	EXT	0.009	0.5	9.85	31	320	1.9	2	1.82	0.9	17	9	18	4.58	0.98	2.47	1370	1	0.81	13	870	8	2.14	5	153	0.45	144	10	146	10
JM RC-26-05	140	142	105857	EXT	0.017	0.5	8.97	72	160	1.2	2	1.98	0.5	16	10	37	3.4	1.54	1.24	638	1	0.64	13	1190	12	3.1	5	318	0.45	152	10	98	10
JM RC-26-05	142	144	105858	EXT	0.006	0.5	7.43	9	540	1.1	2	4.16	0.7	14	9	45	3.79	1.9	1.64	648	1	2.37	9	900	6	0.12	5	332	0.45	151	10	78	10
JM RC-26-05	144	146	105858	EXT	0.007	0.5	8.12	25	480	1.1	2	3.15	0.7	13	10	24	3.99	1.48	1.66	770	1	1.61	7	830	10	1.84	5	333	0.46	150	10	72	10
JM RC-26-05	146	148	105860	EXT	0.008	0.5	8.61	16	480	1.2	2	3.66	1	13	9	43	4.12	1.48	1.84	1005	1	2.27	8	880	11	0.78	5	452	0.47	156	10	83	10
JM RC-26-05	148	150	105861	EXT	0.01	0.5	8.37	26	448	1.3	3	3.99	0.7	14	9	49	4.06	1.48	1.8	982	1	2.24	10	880	9	0.73	5	415	0.46	156	10	84	10
JM RC-26-05	150	152	105862	EXT	0.007	0.5	8.87	17	380	1.1	2	4.22	1	14	9	51	4.01	1.31	1.77	1008	1	2.64	7	850	10	0.77	5	388	0.48	152	10	83	10
JM RC-26-05	152	154	105863	EXT	0.008	0.5	8.8	15	480	1.1	2	4.37	0.7	13	10	36	4.14	1.34	1.76	1035	1	2.47	10	880	13	0.24	5	505	0.46	156	10	79	10
JM RC-26-05	154	156	105864	EXT	0.009	0.5	8.13	54	470	1.4	2	4.4	0.9	15	10	53	4.39	1.44	1.82	1006	1	2.45	10	880	13	0.26	5	488	0.5	148	10	87	10
JM RC-26-05	156	158	105865	EXT	0.008	2	7.02	13	530	1	5	4.39	0.9	15	9	106	4.38	1.32	1.7	951	1	2.67	12	910	134	0.81	5	518	0.48	167	10	83	10
JM RC-26-05	158	160	105866	EXT	0.009	0.5	7.58	30	470	1.2	2	3.45	0.7	16	14	66	4.3	1.3	1.96	1010	2	2.22	14	910	37	0.58	5	405	0.46	142	10	158	10
JM RC-26-05	160	162	105867	EXT	0.015	0.5	8.21	31	430	1.2	2	3.25	1	13	10	95	3.87	1.36	1.26	821	1	1.84	12	870	20	1.27	5	313	0.46	154	10	134	10
JM RC-26-05	162	164	105868	EXT	0.007	0.5	8.31	22	510	1.2	2	3.9	0.6	16	11	73	4.23	1.46	1.74	1030	1	2.2	15	910	14	0.63	5	360	0.46	163	10	118	10
JM RC-26-05	164	166	105869	EXT	0.01	0.5	7.79	48	388	1.4	3	2.43	0.7	13	9	47	3.97	1.3	1.7	955	1	1.72	11	880	15	1.76	5	295	0.48	165	10	113	20
JM RC-26-05	166	168	105870	EXT	0.006	0.5	7.67	33	438	1.4	2	3.05	0.7	15	10	46	4.08	1.32	1.6	884	1	1.92	13	860	14	1.22	5	327	0.46	166	10	111	10
JM RC-26-05	168	170	105871	EXT	0.005	0.5	7.67	24	578	1.1	2	3.77	0.8	12	9	44	3.83	1.47	1.69	967	1	2.06	12	840	6	0.31	5	467	0.44	156	10	116	10
JM RC-26-05	170	172	105872	EXT	0.005	0.5	7.7	38	530	1.2	2	3.83	0.6	12	9	41	3.98	1.56	1.77	925	1	2.63	10	950	6	0.33	5	459	0.44	156	10	82	10
JM RC-26-05	172	174	105873	ORG	0.005	0.5	7.38	11	510	1.1	2	3.86	1.5	14	12	87	3.77	1.6	1.71	828	2	2.46	12	780	8	0.3	5	451	0.41	147	10	106	10
JM RC-26-05	174	176	105875	EXT	0.013	0.5	7.5	35	340	1.4	3	3.89	0.7	13	10	80	4.03	1.54	1.82	1050	1	2.18	11	840	4	0.31	5	450	0.43	154	10	83	10
JM RC-26-05	176	178	105876	EXT	0.005	0.5	7.45	31	470	1.1	2	3.75	0.6	13	8	44	3.91	1.36	1.74	908	1	2.8	11	830	7	0.16	5	424	0.43	152	10	82	10
JM RC-26-05	178	180	105877	EXT	0.013	0.5	7.84	40	480	1.4	2	2.65	1.1	16	9	66	4.85	1.68	2.88	1138	1	2.64	13	960	10	1.09	5	321	0.45	158	10	84	10
JM RC-26-05	180	182	105878	EXT	0.018	0.5	7.48	104	488	1.5	2	6.65	1	17	10	114	4.04	1.34	1.13	589	1	0.42	14	850	10	1.83	5	413	0.45	154	10	178	20
JM RC-26-05	182	184	105879	EXT	0.005	0.5	7.64	30	485	1.3	2	3.58	0.8	14	9	46	3.87	1.48	1.72	1018	1	2.26	13	830	8	0.61	5	384	0.43	152	10	82	10
JM RC-26-06	184	186	105880	EXT	0.007	0.5	7.48	41	438	1.6	2	2.83	0.7	12	9	43	3.86	1.32	1.8	984	1	1.82	10	830	8	1.3	5	313	0.4	146	10	87	10
JM RC-26-05	186	188	105881	EXT	0.005	0.5	7.96	53	460	1.5	2	3.13	0.7	13	12	44	4.21	1.51	1.8	972	1	1.85	14	880	7	1.38	5	334	0.42	154	10	98	10
JM RC-26-05	188	190	105882	EXT	0.005	0.5	7.47	29	470	1.3	2	3.75	0.8	13	10	12	4	1.8	1.85	1018	3	2.39	7	760	11	0.88	5	319	0.41	148	10	84	10
JM RC-26-05	190	192	105883	EXT	0.005	0.5	7.43	57	498	1.8	2	2.95	0.6	13	6	95	4.57	1.3	1.85	1115	1	1.98	12	780	11	0.88	5	327	0.41	148	10	86	10
JM RC-26-05	192	194	105884	EXT	0.008	0.5	7.36	35	460	1.6	2	1.86	1.1	15	9	57	4.02	1.14	1.3	950	2	1.1	14	780	14	2.52	5	444	0.38	142	10	168	20
JM RC-26-05	194	196	105885	EXT	0.043	0.5	7.9	45	70	1.8	2	0.73	0.8	18	7	61	3.87	1.01	0.98	584	1	0.08	16	800	16	4.78	5	389	0.4	141	10	133	20
JM RC-26-05	196	198	105886	EXT	0.012	0.5	8.18	74	470	2.1	2	1.67	0.6	19	9	54	5.08	1.22	1.86	1800	1	1.16	16	870	8	1.83	5	305	0.45	167	10	144	20
JM RC-26-05	198	200	105887

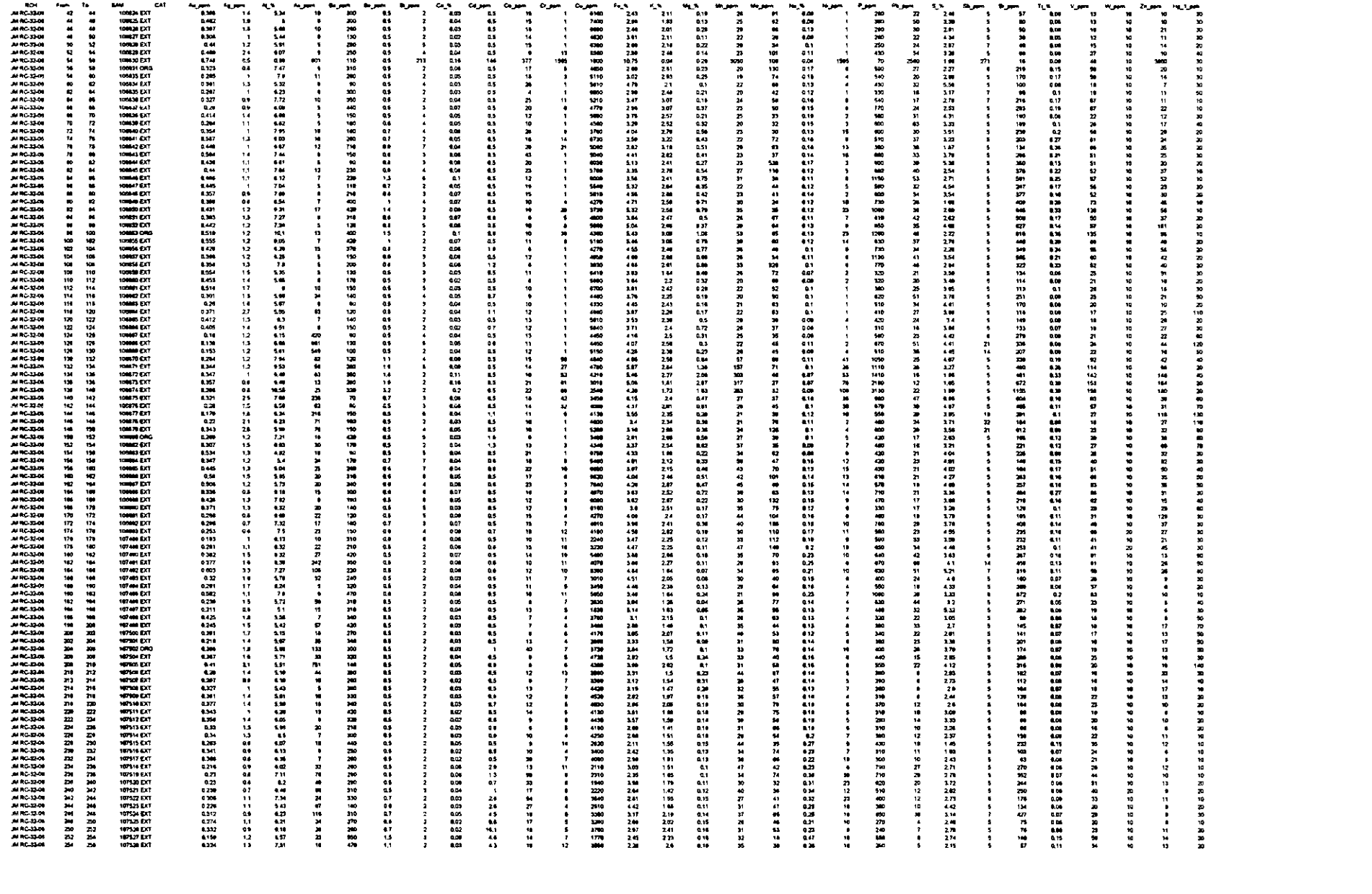




ROH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-30-05	40	42	106337	EXT	0.008	0.5	7.84	5	418	1.1	2	4.11	5.6	13	7	15	3.66	0.8	1.47	757	1	1.98	9	618	14	0.01	5	617	0.41	142	10	122	10
JM RC-30-05	42	44	106338	EXT	0.018	0.5	7.77	5	466	1.2	3	2.84	5.2	10	10	19	3.4	1.3	1.52	634	1	1.84	9	640	10	0.01	5	580	0.39	126	10	112	10
JM RC-30-05	44	46	106339	EXT	0.01	0.5	7.75	20	410	1.3	2	2.62	5.1	12	9	122	3.44	1.14	1.56	681	2	1.7	13	740	12	0.06	5	563	0.37	130	10	164	10
JM RC-30-05	46	48	106340	EXT	0.008	0.5	7.84	14	350	1.3	3	1.83	5.2	14	7	47	3.71	0.91	1.52	514	1	1.61	14	610	8	0.04	5	408	0.36	129	10	114	10
JM RC-30-05	48	50	106341	EXT	0.007	0.5	8.45	19	510	1.3	3	1.92	5.3	14	7	31	3.67	1.4	1.54	560	1	1.71	17	800	8	2.36	5	381	0.36	173	10	116	10
JM RC-30-05	50	52	106342	EXT	0.008	0.5	7.83	18	438	1.4	4	2.46	5.6	25	9	126	3.63	1.02	1.56	1430	2	1.48	21	720	8	2.85	5	396	0.37	126	10	156	10
JM RC-30-05	52	54	106343	EXT	0.005	0.5	7.5	15	300	1	4	3.58	5.2	13	6	68	3.52	0.82	1.47	527	1	2	9	770	10	1.28	5	371	0.39	136	10	80	10
JM RC-30-05	54	56	106344	EXT	0.008	0.5	7.29	24	390	1.2	4	3.43	5.2	12	8	41	3.45	0.88	1.3	678	1	1.58	4	720	11	0.88	5	375	0.37	135	10	77	10
JM RC-30-05	56	58	106345	ORG	0.007	0.5	7.85	22	418	1	3	3.65	5.1	12	6	44	3.57	1.25	1.29	786	1	1.78	4	780	8	1.01	5	385	0.39	136	10	81	10
JM RC-30-05	58	60	106347	EXT	0.011	0.5	7.54	24	390	1	3	3.18	5.8	13	9	39	3.84	1.07	1.48	619	1	2.09	9	610	10	2.35	5	399	0.4	142	10	100	10
JM RC-30-05	60	62	106348	EXT	0.009	0.5	7.32	19	386	1	3	3.95	5.1	13	7	52	3.66	0.99	1.48	806	1	2.03	9	600	8	0.48	7	415	0.39	136	10	95	10
JM RC-30-05	62	64	106349	EXT	0.015	0.5	7.19	56	118	0.8	2	2.33	3.9	14	6	166	4.66	0.67	0.68	484	1	1.22	19	720	29	4.22	4	164	0.36	124	10	86	60
JM RC-30-05	64	66	106350	EXT	0.02	0.5	6.87	58	100	1.8	6	0.2	4.7	17	7	185	4.47	1.3	0.38	16	1	0.22	23	660	13	5.68	6	62	0.4	136	10	448	130
JM RC-30-05	66	68	106351	EXT	0.016	0.5	8.57	58	160	2.8	7	0.32	4.2	16	8	174	4.46	1.62	0.75	167	1	0.2	22	670	12	4.91	6	66	0.42	146	10	214	50
JM RC-30-05	68	70	106352	EXT	0.024	1	8.46	62	170	3.1	9	0.42	4.3	21	7	182	5.2	1.82	1.15	674	1	0.31	17	770	20	4.52	5	65	0.43	156	10	133	40
JM RC-30-05	70	72	106353	EXT	0.017	0.5	8.65	55	200	1.2	3	1.39	3.8	14	13	177	4.12	1.54	1.29	1135	1	1.72	13	930	17	1.67	5	200	0.43	168	10	120	10
JM RC-30-05	72	74	106354	EXT	0.015	0.5	8.19	56	200	1.8	4	1.42	4.8	15	9	473	5.51	1.54	1.18	712	1	1.26	17	950	14	3.87	5	258	0.38	151	10	201	20
JM RC-30-05	74	76	106355	EXT	0.006	0.5	8.66	38	480	1.7	4	2.45	5.6	14	16	35	4.44	1.06	1.69	885	1	1.68	22	830	11	0.78	5	363	0.45	152	10	246	10
JM RC-30-05	76	78	106356	EXT	0.006	0.5	8.41	32	310	1.5	6	2.71	4.9	16	15	3	5.76	0.58	1.94	1116	1	2	15	660	14	1.66	5	436	0.42	148	10	180	10
JM RC-30-05	78	80	106357	EXT	0.005	0.5	8.44	49	660	1.8	3	2.35	4.4	17	6	8	5.16	0.69	1.52	973	1	1.79	17	830	12	1.8	5	413	0.41	146	10	174	10
JM RC-30-05	80	82	106358	EXT	0.006	0.5	7.88	49	380	1.8	5	1.13	4.2	14	6	21	5.08	1.62	1.61	725	1	1.58	19	760	16	3.81	5	368	0.39	146	10	172	20
JM RC-30-05	82	84	106359	EXT	0.006	0.7	8.29	4	570	1.4	3	2.47	4.9	17	8	76	5.52	0.36	1.94	1240	1	1.88	11	940	12	1.34	5	582	0.41	147	10	234	10
JM RC-30-05	84	86	106360	EXT	0.005	0.5	8.08	44	330	1.2	4	3.15	5.3	17	7	21	6.26	0.2	1.61	1635	1	1.6	12	630	14	8.48	5	457	0.43	150	10	234	20
JM RC-30-05	86	88	106361	EXT	0.015	0.5	8.78	38	660	1.7	19	1.06	3.3	11	7	245	4.79	1.06	1.62	666	1	0.4	16	830	39	1.97	5	95	0.42	154	10	200	50
JM RC-30-05	88	90	106362	EXT	0.012	0.5	8.87	42	620	1.7	15	0.53	0.8	7	1	72	4.41	0.61	0.32	74	1	0.33	5	740	13	0.47	5	278	0.47	162	10	39	60
JM RC-30-05	90	92	106363	EXT	0.026	0.5	7.3	119	360	0.5	14	0.19	0.5	1	1	15	24	1.3	0.66	203	37	0.24	2	620	48	1.58	5	64	0.35	114	10	11	30
JM RC-30-05	92	94	106364	EXT	0.075	0.8	6.86	52	480	0.5	10	0.11	0.7	1	1	16	27	1.84	1.88	994	33	0.19	3	840	258	0.84	5	368	0.18	116	10	15	30
JM RC-30-05	94	96	106365	EXT	0.08	0.8	7.56	38	580	0.5	11	0.1	0.8	1	1	17	33	2.74	1.36	0.07	27	0.11	4	880	238	0.39	5	452	0.15	123	10	18	30
JM RC-30-05	96	98	106366	ORG	0.165	0.8	7.6	23	730	0.5	12	0.12	0.8	1	1	16	16	2.65	1.36	0.08	34	0.19	2	880	216	0.3	5	385	0.19	114	10	18	30
JM RC-30-05	98	100	106368	EXT	0.091	1.6	7.6	73	800	0.5	9	0.2	0.6	1	1	19	17	2.79	0.11	0.43	7	0.3	2	930	273	0.45	5	399	0.17	128	10	21	30
JM RC-30-05	100	102	106369	EXT	0.072	1.8	8.57	16	880	0.5	16	0.13	0.6	1	1	21	11	2.63	1.4	0.09	29	0.31	1	900	251	0.51	5	391	0.13	134	10	22	30
JM RC-30-05	102	104	106370	EXT	0.158	1.2	9.15	16	740	0.5	11	0.16	0.6	1	1	21	16	2.57	1.38	0.1	38	0.32	4	840	256	0.8	5	388	0.14	134	10	33	30
JM RC-30-05	104	106	106371	EXT	0.082	1.3	7.46	31	580	0.5	12	0.1	0.5	1	1	20	16	4.63	1.4	0.08	29	0.21	2	760	130	0.43	5	299	0.14	136	10	15	30
JM RC-30-05	106	108	106372	EXT	0.12	0.5	7.36	27	580	0.5	9	0.1	0.5	1	1	22	20.1	3.39	0.89	0.01	31	0.19	3	740	88	0.3	5	273	0.14	124	10	15	30
JM RC-30-05	108	110	106373	EXT	0.099	0.6	7.39	22	620	0.5	8	0.1	0.7	1	1	17	22	2.97	1.42	0.07	32	0.29	2	810	63	0.3	5	298	0.14	152	10	15	30
JM RC-30-05	110	112	106374	EXT	0.114	0.5	6.66	18	560	0.5	9	0.08	0.5	1	1	15	24	2.22	1.6	0.07	26	0.17	1	800	51	0.36	5	237	0.16	98	10	14	30
JM RC-30-05	112	114	106375	EXT	0.153	0.6	7.74	29	670	0.5	14	0.09	0.5	1	1	17	26	3.35	1.5	0.07	30	0.22	2	910	109	0.4	5	315	0.17	109	10	14	30
JM RC-30-05	114	116	106376	EXT	0.153	0.5	7.91	27	560	0.5	12	0.08	0.6	1	1	19	22	3.14	1.57	0.07	30	0.21	3	720	116	0.52	5	319	0.17	111	10	15	30
JM RC-30-05	116	118	106377	EXT	0.091	0.6	8.21	36	640	0.5	11	0.08	0.5	1	1	22	20	2.73	1.46	0.07	31	0.2	1	740	141	0.69	5	343	0.18	124	10	14	30
JM RC-30-05	118	120	106378	EXT	0.341	0.5	7.89	40	660	0.5	16	0.09	0.5	1	1	32	32	3.29	1.6	0.11	36	0.22	5	630	76	0.79	5	417	0.15	91	10	13	20
JM RC-30-05	120	122	106379	EXT	0.121	1.1	6.72	88	130	0.5	8	0.07	0.5	1	1	17	19	2.56	1.56	0.01	33	0.03	1	620	78	4.9	5	417	0.26	130	10	5	60
JM RC-30-05	122	124	106380	EXT	0.127	0.7	6.87	18	660	0.5	5	0.05	0.5	1	1	9	23	1.54	1.48	0.04	29	0.13	3	630	61	0.84	5	291	0.12	40	10	11	10
JM RC-30-05	124	126	106381	EXT	0.15	0.7	7.1	22	660	0.5	7	0.07	0.5	1	1	11	22	1.78	1.4	0.05	29	0.13	2	660	93	0.41	5	232	0.14	61	10	10	10
JM RC-30-05	126	128	106382	EXT	0.199	0.6	7.59	22	710	0.5	4	0.06	0.5	1	1	10	32	2.19	1.36	0.05	31	0.21	2	770	137	0.42	5	316	0.16	77	10	17	10
JM RC-30-05	128	130	106383	EXT	0.082	0.6	6.95	24	700	0.5	4	0.07	0.5	1	1	18	25	2.46	1.46	0.07	35	0.17	1	740	132	0.5	5	288	0.15	104	10	14	10
JM RC-30-05	130	132	106384	EXT	0.133	0.5	6.2	34	630	0.5	5	0.06	0.5	1	1	15	35	2.66	1.42	0.05	35	0.19	3	660	113	0.54	5	266	0.14	81	10	14	10
JM RC-30-05	132	134	106385	EXT	0.155	0.5	6.98	15	660	0.5	8	0.07	0.5	1	1	15	25	2.63	1.47	0.06	36	0.19	3	730	97	0.57	5	283	0.15	83	10	17	10
JM RC-30-05	134	136	106386	EXT	0.16	0.6	7.38	9	660	0.5	8	0.08	0.5	1	1	11	30	2.83	1.72	0.07	29	0.2	2	770	67	0.46	5	284	0.16	98	10	14	10
JM RC-30-05	136	138	106387	EXT	0.241	1	6.91	13	610	0.5	7	0.08	0.5	1	1	12	60	2.61	1.7	0.06	30	0.2	2	660	74	0.65	5	235	0.16	80	10	15	10
JM RC-30-05	138	140	106388	EXT	0.376	1.2	7.05	6	660	0.5	10	0.08	0.5	1	1	11	55	3.57	1.66	0.1	35	0.15	2	780	56	0.24	5	358	0.17	91	10	11	10
JM RC-30-05	140	142	106389	EXT	0.378	0.5	7.05	8	610	0.5	3	0.05	0.5	1	1	11	40	3.12	1.6	0.08	34	0.17	1	780	64	0.36	5	378	0.16	79	10	14	10
JM RC-30-05	142	144	106390	EXT	0.466	1	6.22	12	520	0.5	5	0.07	0.5	1	1	9	43	2.46	1.79	0.05	42	0.21	3	780	104	0.5	5	314	0.14	64	10	16	10
JM RC-30-05	144	146	106391	ORG	0.34	1.3	6.17	13	660	0.5	7	0.06	0.5	1	1	10	60	3.12	1.48	0.07	42	0.17	4	780	204	0.43	5	356	0.11	66	10	17	10
JM RC-30-05	146	148	106393	EXT	0.397	0.6	5.84	15	630	0.5	4	0.06	0.5	1	1	7	385	2.06	1.47	0.07	99	0.13	2	780	227	1.16	5	191	0.1	46	10	14	10
JM RC-30-05	148	150	106394	EXT	0.431	1.4	6.88	39	710	0.5	7	0.09	0.5	1	1	15	134	2.43	1.45	0.1	89	0.31	1	780	110	1.34	5	346	0.16	69	10	15	20
JM RC-30-05	150	152	106395	EXT	0.549	0.7	6.74	39	700	0.5	7	0.09	0.5	1	1	7	77	2.35	1.71	0.13	57	0.37	2	780	503	0.69	5	378	0.13	56	10	14	10
JM RC-30-05	152	154	106396	EXT	0.252	0.6	6.75	172	700	0.5	5	0.09	0.5	1	1	7	65	2.52	1.57	0.12	54	0.3	3	720	72	1.14	5	307	0.13	59	10	22	30
JM RC-30-05	154	156	106397	EXT	0.577	1.2	6.71	48	650	0.5	6	0.09	0.5	2	5	188	2.54	1.79	0.13	97	0.4	0.21	2	680	47	1.82	5	183	0.12	53	10	17	20
JM RC-30-05	156	158	106398	EXT	0.529	1.2	6.05	353	360	0.5	7	0.06	0.5	6	5	1640	2.47	1.85	0.09	49	37	0.1	3	430	64	2.25	5	158	0.06	37	10	11	20
JM RC-30-05	158	160	106399	EXT	0.299	0.9	6.54	113	300	0.5	6	0.04	0.5	3	1	6870	2.95	2.1	0.06	42	52	0.07	2	440	83	3.22	5	111	0.08	19	10	10	60
JM RC-30-05	160	162	106400	EXT	0.18	0.7	4.8	368	300	0.5	4	0.04	0.5	5	4	2370	4.13	1.64	0.04	60	65	0.03	2	280	118	3.23	5	73	0.03	29	10	8	40
JM RC-30-05	162	164	106401	ORG	0.169	1.4	4.23	1430	420	0.5	6	0.03	0.5	1	4	166	2.19	1.31	0.03	69	104	0.05	1	360	162	1.22	36	58	0.03	14	10	7	10
JM RC-30-05	164	166	106403	EXT	0.181	1	4.91	1230	250	0.5	4	0.02	0.5	3	4	537	1.42	0.76	0.01	56	29	0.11	2	260	47	2.48	17	206	0.04	14	10	9	50
JM RC-30-05	166	168	106404	EXT	0.181	0.6	4.79	640	230	0.5	4	0.03	0.5	1	7	122	0.99	1.21	0.01	60	56	0.23	4	340	88	3.19	6	144	0.04	30	10	10	10
JM RC-30-05	168	170	106406	EXT	0.041	0.5	6.46	167	220	0.5	4	0.05	0.5	1	1	16	88	0.65	1.9	0.01	95	0.25	2	280	88	4.78	5	258	0.14	65	10	7	10
JM RC-30-05	170	172	106408	EXT	0.019	0.5	7.33	60	200	0.5	5	0.05	0.5	1	1	29	0.71	2.11	0.01	58	14	0.08	4	480	68	5.75	5	225	0.18	73	10	6	10
JM RC-30-05	172	174	106409	EXT	0.024	1	7.16	88	200	0.5	6	0.06	0.5	1	1	17	197	0.96	1.62	0.01	46	30	0.14	2	660	112	4.22	14	272	0.21	79	10	8	20
JM RC-30-05	174	176	106410	EXT	0.057	0.5	7.29	181	180	0.5	3	0.06	0.5	1	1	17	250	1.52	1.71	0.01	42	29	0.18	2	540	97	4.9	8	283	0.19	79	10	6	10
JM RC-30-05	176	178	106409	EXT	0.034	0.5	6.85	228	180	0.5	6	0.05	0.5	1	1	17	390	0.75	1.73	0.01	53	23	0.39	2	530	66	4.71	8	287	0.22	79	10	7	10
JM RC-30-05	178	180	106410	EXT	0.047	0.5	7.25	131	180	0.5	5	0.05	0.5	1	1	17	269	1.8	1.43	0.01	39	24	0.29	3	530	80	4.99	5	287	0.14	80	10	7	10
JM RC-30-05	180	182	106411	EXT	0.025	0.5	7.6	96	180	0.5	5	0.06	0.5	1	1	19	329	1.62	2.01	0.01	42	22	0.36	1	600	63	5.54	5	311	0.19	81	10	6	10
JM RC-30-05	182	184	106412	EXT	0.029	0.5	8.09	65	170	0.5	2	0.05	0.5	1	1	16	212	1.19	1.79	0.01	44	23	0.4	1	480	64	5.36	6	279	0.15	76	10	7	10
JM RC-30-05	184	186	106413	EXT	0.046	0.5	5.65	72	160	0.5	4	0.05	0.5	1	1	15	300	1.96	1.58	0.01	27	19	0.16	2	600	101	4.9	6	278	0.15	76	10	6	10
JM RC-30-05	186	188	106414	EXT	0.04	0.6	6.2	71	140	0.5	2	0.06	0.5	1	1	16	222	1.62	1.44	0.01	41	16	0.27	2	560	73	4.84	6	239	0.16	79	10	13	10
JM RC-30-05	188	190	106415	QPQ	0.525	1.1	6.57	705	50	0.5	10	0.07	0.5	5	10	2220	4.66	1.14	0.01	35	24	0.16	4	540	402	7.94	16	58	0.3	5	10	8	50
JM RC-30-05	190	192	106417	EXT	0.063	0.5	7.17	88	450	0.5	3	0.04	0.5	1	1	15	264	1.84	1.58	0.03	16	14	0.08	1	660	65	2.85	5	441	0.25	82	10	11	20
JM RC-30-05	192	194	106418	EXT	0.06	0.5	7.52	88	260	0.7	8	0.07	0.5	13	27	235	2.99	1.53	0.1	34	11	0.08	6	660	91	3.36	5	178	0.32	109	10	14	50
JM RC-30-05	194	196	106419	EXT	0.062	0.5	7.58	212	310	0.5	12	0.06	0.5	2	6	662	2.56	1.56	0.07	34	13	0.09	6	780	35	3.4	5	362	0.34	113	10	12	50
JM RC-30-05	196	198	106420	EXT	0.071	0.5	6.66	205	180	0.5	2	0.05	0.5	2	10	607	1.75	1.35	0.02	37	27	0.21	3	600	62	4.12	5	267	0.34	80	10	8	30
JM RC-30-05	198	200	106421	EXT	0.028	0.6	6.6	395	170	0.5	2	0.03	0.5	1	13	1040	0.89	1.17	0.01	36	34	0.26	1	480	60	3.52	12	187	0.17	66	10	8	30
JM RC-30-05	200	202	106422	EXT	0.039	0.6	6.17	384	160	0.5	4	0.04	0.5	2	14	874	1.14	1.41	0.01	46	34	0.38	2	480	76	4.3	6	262	0.16	91	10	7	30
JM RC-30-05	202	204	106423	EXT	0.039	0.6	6.61	536	230	0.5	5	0.04	0.5	1	12	1360	0.99	0.82	0.01	30	60	0.21	1	460	63	3.88	12	266	0.17	58	10	7	30
JM RC-30-05	204	206	106424	EXT	0.044	0.5	6.43	283	170	0.5	3	0.04	0.5	1	14	972	1.03	1.15	0.01	32	45	0.29	1	480	80	3.83	6	237	0.16	69	10	7	30
JM RC-30-05	206	208	106425	EXT	0.07	0.5	6.78	341	170	0.5	5	0.04	0.5	1	10	1050	1.58	0.53	0.01	31	42	0.19	1	660	83	3.58	13	234	0.14	67	10	8	30
JM RC-30-05	208	210	106426	EXT	0.045	0.5	7.65	74	70	0.6	8	0.11	0.6	10	51	885	4.32	1.37	0.16	66	4	0.04	10	620	49	8.34	6	283	0.4	136	10	22	100
JM RC-30-05	210	212	106427	EXT	0.058	0.5	7.38	204	170	1.2	4	0.05	0.5	12	34	898	3.66	1.62	0.17	49	12	0.04	13	600	30	4.64	5	483	0.34	116	10	18	30
JM RC-30-05	212	214	106428	EXT	0.061	1	7.45	884	70	0.8	5	0.05	0.5	1	12	1870	1.84	0.63	0.01	26	28	0.2	1	730	131	4.38	17	307	0.21	82	10	7	50
JM RC-30-05	214	216	106429	EXT	0.078	4	7.77	279	50	0.5	5	0.14	0.5	13	14	1130	3.49	1.16	0.02	32	43	0.2	4	1200	307	6.82	8	426	0.08	89	10	8	80
JM RC-30-05	216	218	106430	EXT	0.067	0.5	8.45	238	160	0.5	6	0.13	0.5	15	15	844	4.27	1.64	0.12	30	25	0.14	7	1100	39	4.98	6	205	0.18	142	10	14	40
JM RC-30-05	218	220	106431	EXT	0.111	0.5	8.91	58	130	0.7	13	0.11	0.8	16	16	633	4.68	2.15	0.18	22	48	0.18	8	1130	46	5.92	8	156	0.25	161	10	12	40
JM RC-30-05	220	222	106432	ORG	0.109	0.5	8.23	44	160	0.8	7	0.1	0.8	16	21	636	4.21	2.08	0.17	37	26	0.16	7	1010	19	4.98	5	150	0.26	150	10	12	40
JM RC-30-05	222	224	106434	EXT	0.105	0.5	8.98	11	600	0.7	9	0.13	0.7	23	14	1180	3.6	1.88	0.27	27	27	0.17	11	1200	14	2.37	8	229	0.27	146	10	19	10
JM RC-30-05	224	226	106435	EXT	0.153	0.5	9.03	10	360	0.7	7	0.14	0.5	16	11	1060	3.61	1.92	0.32	29	24	0.17

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Se_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-30-05	254	256	106450	EXT	0.117	0.5	8.25	14	210	0.7	7	0.13	0.5	14	13	1090	4.5	1.57	0.16	17	35	0.3	5	1190	15	5.03	5	250	0.17	154	10	12	30
JM RC-30-05	256	258	106451	EXT	0.098	0.5	6.81	26	370	0.5	7	0.13	0.5	14	14	1695	3.99	1.6	0.3	17	22	0.3	5	1270	18	2.34	5	290	0.24	161	10	22	30
JM RC-30-05	258	260	106452	EXT	0.151	0.5	8.29	17	340	1.1	8	0.13	0.7	14	14	1635	3.33	1.71	0.15	15	45	0.21	5	1160	21	3.49	5	213	0.25	168	10	11	30
JM RC-30-05	260	262	106453	EXT	0.094	0.5	7.36	16	140	0.5	6	0.08	0.5	13	7	1275	4.1	1.97	0.07	19	55	0.15	5	1010	30	4.91	5	162	0.09	78	10	10	60
JM RC-30-05	262	264	106454	EXT	0.113	0.5	7.79	205	70	0.5	6	0.1	0.5	16	9	1600	5.05	2.01	0.06	22	42	0.3	7	1145	103	7.11	5	286	0.07	72	10	9	40
JM RC-30-05	264	266	106455	ORG	0.08	0.5	6.48	541	140	0.5	10	0.12	0.5	10	10	1420	3.39	1.74	0.07	25	39	0.31	5	1100	51	5.71	5	244	0.12	111	10	16	30
JM RC-30-05	266	268	106457	EXT	0.12	0.5	6.73	264	140	0.5	6	0.07	0.5	12	6	1275	3.12	1.91	0.07	24	49	0.28	2	730	24	4.6	5	179	0.07	63	10	9	30
JM RC-30-05	268	270	106458	EXT	0.083	0.5	7.43	95	270	0.5	6	0.08	0.5	10	10	940	2.94	2.01	0.14	21	75	0.2	4	630	24	3.71	5	164	0.13	54	10	8	30
JM RC-30-05	270	272	106459	EXT	0.113	0.5	7.11	212	300	0.5	5	0.07	0.5	4	4	1180	2.8	1.98	0.17	21	36	0.21	3	720	11	3.25	5	140	0.12	51	10	10	30
JM RC-30-05	272	274	106460	EXT	0.082	0.5	6.28	206	230	0.5	4	0.11	0.5	9	8	1630	2.34	2.15	0.12	23	25	0.37	2	1210	20	4.08	5	267	0.14	65	10	10	30
JM RC-30-05	274	276	106461	EXT	0.136	0.5	7.99	218	270	0.5	5	0.1	0.5	7	6	1960	2.67	2.13	0.16	17	24	0.29	2	1160	18	3.91	5	263	0.15	61	10	9	30
JM RC-30-05	276	278	106462	EXT	0.202	0.5	7.69	143	210	0.5	7	0.08	0.5	9	5	2040	3.39	2.12	0.2	17	35	0.17	4	910	30	4	5	164	0.17	58	10	11	30
JM RC-30-05	278	280	106463	EXT	0.177	0.5	4	455	150	0.5	5	0.05	0.5	8	7	1830	3.7	2.22	0.17	19	136	0.25	3	1160	48	5.19	5	403	0.12	63	10	16	40
JM RC-30-05	280	282	106464	EXT	0.226	0.5	7.65	353	230	0.5	5	0.1	0.5	9	9	2230	3.13	2.12	0.19	20	60	0.17	5	1080	34	4.09	5	345	0.16	91	10	11	30
JM RC-30-05	282	284	106465	ORG	0.258	0.5	8.32	511	190	0.5	6	0.08	0.5	17	25	1740	3.63	1.72	0.08	16	40	0.48	10	1620	62	6.2	5	291	0.1	81	10	9	30
JM RC-30-05	284	286	106467	EXT	0.104	0.5	7.13	178	110	0.5	2	0.05	0.5	12	7	762	2.95	1.9	0.07	22	33	0.44	3	670	43	5.41	5	206	0.08	48	10	8	30
JM RC-30-05	286	288	106468	EXT	0.129	0.5	6.47	48	110	0.7	3	0.08	0.5	11	5	1360	4.36	2	0.12	25	57	0.1	2	860	60	4.77	5	188	0.08	61	10	10	30
JM RC-30-05	288	290	106469	EXT	0.098	0.5	6.45	34	270	0.5	3	0.05	0.5	11	5	1230	2.75	2	0.15	30	36	0.11	1	510	23	3.15	5	166	0.07	35	10	10	30
JM RC-30-05	290	292	106470	EXT	0.058	0.5	6.45	235	220	0.5	3	0.04	0.5	10	5	960	2.56	1.84	0.12	24	43	0.11	2	460	17	2.93	5	155	0.06	36	10	10	30
JM RC-30-05	292	294	106471	EXT	0.088	0.5	7.61	224	130	0.5	5	0.05	0.5	7	11	811	2.82	2.11	0.07	19	72	0.29	2	640	24	5.02	5	410	0.05	44	10	8	30
JM RC-30-05	294	296	106472	EXT	0.122	0.5	8.87	417	190	0.5	2	0.05	0.5	11	4	2290	3.45	2.14	0.14	26	78	0.17	2	940	29	4.58	5	162	0.09	62	10	12	40
JM RC-30-05	296	298	106473	EXT	0.136	0.5	6.5	72	190	0.7	3	0.05	0.5	12	3	2450	3.41	2	0.17	20	50	0.11	2	960	21	3.74	5	98	0.07	58	10	8	30
JM RC-30-05	298	300	106474	EXT	0.243	0.5	7.1	288	150	0.7	3	0.06	0.5	10	21	1985	3.68	1.99	0.16	30	50	0.14	5	830	42	4.28	5	262	0.1	58	10	8	40
JM RC-30-05	300	302	106475	EXT	0.175	0.5	8.82	111	260	0.5	4	0.04	0.5	10	10	1525	2.81	1.77	0.14	12	38	0.12	5	410	19	2.98	5	124	0.08	42	10	4	30
JM RC-30-05	302	304	106476	EXT	0.174	0.5	7.33	214	160	0.6	2	0.1	0.5	11	6	1715	3.45	1.95	0.13	16	37	0.13	2	860	11	3.74	5	227	0.13	61	10	4	40
JM RC-30-05	304	306	106477	EXT	0.168	0.5	8.53	31	150	0.5	4	0.07	0.5	13	11	1580	4.27	2.67	0.11	20	69	0.11	3	760	26	4.84	5	194	0.11	75	10	4	30
JM RC-30-05	306	308	106478	EXT	0.11	0.5	6.63	422	130	0.5	3	0.04	0.5	8	7	3000	3.25	2.12	0.06	18	65	0.21	7	570	31	5.08	5	333	0.06	52	10	6	30
JM RC-30-05	308	310	106479	EXT	0.148	0.5	7.53	45	220	0.5	3	0.06	0.5	11	9	1985	3.27	2.08	0.14	18	68	0.13	3	860	14	3.53	5	197	0.11	71	10	8	50
JM RC-30-05	310	312	106480	EXT	0.134	0.5	4.98	430	140	0.5	3	0.04	0.5	11	4	2230	3.91	1.48	0.06	24	75	0.14	1	540	51	5.07	5	208	0.05	34	10	4	40
JM RC-30-05	312	314	106481	ORG	0.132	0.5	5	571	170	0.5	3	0.02	0.5	9	6	3430	3.2	1.16	0.09	24	55	0.09	1	310	38	3.72	5	97	0.04	39	10	4	30
JM RC-30-05	314	316	106483	EXT	0.197	0.5	4.78	365	170	0.5	2	0.02	0.5	9	12	2800	3.02	1.71	0.09	34	82	0.1	2	500	41	3.57	5	86	0.04	38	10	4	30
JM RC-30-05	316	318	106484	EXT	0.336	0.5	6.68	137	230	0.5	5	0.04	0.5	13	14	3310	3.15	2.05	0.14	22	69	0.16	4	630	45	5.11	5	118	0.17	47	10	16	30
JM RC-30-05	318	320	106485	EXT	0.7	0.5	9.52	16	340	0.5	5	0.1	0.7	12	19	1910	4.22	2.04	0.34	19	79	0.22	5	940	19	3.1	5	230	0.28	158	10	16	30
JM RC-30-05	320	322	106486	EXT	0.222	0.5	6.48	6	260	0.6	4	0.12	0.5	21	17	1235	4.35	2.62	0.51	16	50	0.22	7	1630	16	3.84	5	261	0.16	168	10	18	30
JM RC-30-05	322	324	106487	EXT	0.195	0.5	5.31	4	270	1	4	0.1	0.5	14	13	1485	2.94	1.41	0.09	45	56	0.21	11	660	9	2.02	5	192	0.29	154	10	61	30
JM RC-30-05	324	326	106488	EXT	0.179	0.5	6.87	6	260	1	4	0.08	0.5	16	16	1360	3.79	1.95	0.58	43	54	0.2	8	800	12	1.65	5	178	0.25	149	10	32	30
JM RC-30-05	326	328	106489	EXT	0.201	0.5	6.39	17	310	1	4	0.14	0.5	15	15	1270	4.12	2.09	0.58	52	62	0.24	7	1250	39	3.12	5	242	0.25	167	10	44	30
JM RC-30-05	328	330	106490	EXT	0.16	0.5	8.24	5	390	0.8	3	0.11	0.6	14	15	1525	4.07	1.99	0.5	73	54	0.22	8	1000	21	2.29	5	271	0.24	195	10	52	30
JM RC-30-05	330	332	106491	EXT	0.213	0.5	7.41	80	220	0.8	3	0.07	0.5	10	9	1995	3.8	1.99	0.29	22	40	0.17	1	730	30	3.54	5	186	0.17	104	10	26	30
JM RC-30-05	332	334	106492	EXT	0.143	0.5	7.64	88	210	1	2	0.08	0.5	9	9	1955	3.32	2.1	0.3	31	76	0.16	1	900	65	3.57	5	207	0.15	84	10	24	40
JM RC-30-05	334	336	106495	EXT	0.172	0.7	8.65	73	250	0.9	3	0.08	0.5	7	4	2310	3.12	2.04	0.22	28	58	0.15	1	880	30	3.14	5	170	0.13	92	10	18	30
JM RC-30-05	336	338	106496	EXT	0.17	0.5	7.32	63	210	0.9	2	0.07	0.5	11	8	1935	3.62	2.12	0.24	30	53	0.19	1	730	27	3.67	5	158	0.14	84	10	66	30
JM RC-30-05	338	340	106465	EXT	0.134	0.5	7.5	14	230	1	2	0.07	0.5	13	7	1160	3.57	2.18	0.21	28	58	0.14	1	740	20	3.18	5	188	0.11	90	10	14	30
JM RC-30-05	340	342	106466	ORG	0.21	0.5	8.74	15	360	1	4	0.18	0.5	29	24	1495	3.67	2.54	0.29	33	91	0.19	1	1060	24	2.63	5	255	0.21	148	10	20	30
JM RC-30-05	342	344	106496	EXT	0.261	0.5	7.29	22	200	1	5	0.08	0.5	10	5	2180	3.65	1.99	0.22	43	49	0.14	1	910	24	3.16	5	230	0.17	54	10	22	30
JM RC-30-05	344	346	106469	EXT	0.179	0.5	6.46	30	320	0.9	3	0.08	0.5	9	8	2110	2.97	2.04	0.2	32	45	0.14	1	870	18	2.47	5	130	0.13	38	10	21	30
JM RC-30-05	346	348	106500	EXT	0.168	0.5	7.23	50	170	0.8	2	0.08	0.5	11	9	1655	3.71	1.83	0.19	46	37	0.15	1	870	36	3.52	5	236	0.13	60	10	28	30
JM RC-30-05	348	350	106501	EXT	0.179	0.5	7.34	13	260	0.8	3	0.06	0.5	11	9	1415	3.61	2.03	0.29	34	33	0.14	1	640	30	2.36	5	214	0.15	57	10	34	30
JM RC-30-05	350	352	106502	EXT	0.216	0.5	7.35	20	260	1	3	0.07	0.7	9	7	1910	3.35	1.9	0.27	37	60	0.14	1	760	39	2.88	5	211	0.14	66	10	36	30
JM RC-30-05	352	354	106503	EXT	0.156	1.1	7.2	22	200	0.9	4	0.08	0.6	10	5	1970	3.46	1.62	0.22	38	144	0.15	1	800	43	3.42	5	256	0.11	54	10	30	30
JM RC-30-05	354	356	106504	EXT	0.197	0.7	7.97	127	130	1.1	2	0.11	2.1	6	6	1455	4.04	4.99	0.22	30	53	0.19	1	1300	225	4.26	5	384	0.06	61	10	162	30
JM RC-30-05	356	358	106505	EXT	0.169	0.5	7.08	68	210	1.1	2	0.07	0.6	6	4	1730	3.26	2.06	0.34	38	73	0.14	1	750	52	3.67	5	178	0.14	52	10	16	30
JM RC-30-05	358	360	106506	EXT	0.2	0.6	6.91	10	190	0.9	2	0.08	0.5	9	4	3460	3.57	2.2	0.27	29	65	0.17	2	780	30	3.45	5	179	0.08	57	10	29	40
JM RC-30-05	360	362	106507	EXT	0.143	0.5	6.16	5	560	1.1	6	0.09	0.5	10	10	1585	2.76	2.09	0.64	48	62	0.21	8	640	21	1.96	5	237	0.14	79	10	63	30
JM RC-30-05	362	364	106508	EXT	0.181	0.6	6.39	9	310	1.2	5	0.1	0.6	12	24	1745	3.32	1.58	1.66	96	121	0.21	25	600	17	1.64	5	166	0.19	36	10	186	40
JM RC-30-05	364	366	106509	EXT	0.229	0.5	8.11	5	130	1	2	0.11	0.6	18	21	1565	5.94	2.09	0.38	42	77	0.2	11	640	35	5.58	5	245	0.1	86	10	52	30
JM RC-30-05	366	368	106510	EXT	0.184	1.6	6.67	7	250	1	2	0.08	0.5	9	4	2150	3.2	2.03	0.48	40	63	0.15	4	660	57	3.15	5	148	0.11	52	10	63	30
JM RC-30-05	368	370	106511	EXT	0.111	0.6	6.88	12	350	1.1	5	0.06	0.6	7	7	1830	2.95	1.8	0.2	37	80	0.16	1	630	28	2.45	5	154	0.12	68	10	63	30
JM RC-30-05	370	372	106512	EXT	0.192	1	6.91	7	220	0.9	4	0.06	0.6	7	6	3500	3.37	1.98	0.22	45	87	0.15	3	740	34	3.25	5	165	0.09	50	10	98	30
JM RC-30-05	372	374	106513	EXT	0.136	0.5	6.43	5	180	1.1	2	0.09	0.6	17	7	1465	3.71	2.36	0.28	52	209	0.15	3	780	37	3.41	5	164	0.1	53	10	321	30
JM RC-30-05	374	376	106514	EXT	0.211	0.6	6.67	11	300	1.1	3	0.08	0.7	8	8	2470	2.78	2.01	0.29	40	178	0.18	4	640	26	2.51	5	129	0.12	60	10	44	30
JM RC-30-05	376	378	106515	EXT	0.176	0.7	7.12	29	190	0.8	4	0.07	0.8	10	9	2870	3.6	2.07	0.27	65	120	0.18	5	750	47	3.56	5	144	0.11	59	10	122	30
JM RC-30-05	378	380	106516	EXT	0.103	0.5	7.17	8	440	1	3	0.06	0.7	7	13	1360	2.37	2.03	0.28	48	62	0.2	3	640	32	2.05	5	174	0.1	56	10	30	30
JM RC-30-05	380	382	106517	EXT	0.127	0.5	6.64	8	360	1.2	5	0.09	0.5	13	22	1395	2.71	1.65	0.74	90	90	0.25	10	640	25	1.46	5	391	0.23	100	10	68	30
JM RC-30-05	382	384	106518	EXT	0.154	0.5	6.5	10	370	1.1	4	0.11	0.5	11	22	1770	3.2	1.98	0.96	122	54	0.25	20	660	26	1.4	5	262	0.2	98	10	97	30
JM RC-30-05	384	386	106519	ORG	0.179	0.5	6.67	104	170	0.9	4	0.15	2.9	14	29	1870	4.64	2.17	0.26	66	104	0.29	19	950	52	4.37	5	251	0.13	84	10	736	30
JM RC-30-05	386	388	106521	EXT	0.183	0.6	6.66	366	160	0.6	5	0.09	2.1	10	21	2530	5.56	2.04	0.72	56	57	0.2	8	760	52	4.2	12	217	0.12	53	10	214	30
JM RC-30-05	388	390	106522	EXT	0.167	0.6	5.15	118	200	0.8	5	0.04	1.4	9	4	2130	2.47	1.71	0.1	28	56	0.13	7	370	70	2.42	6	104	0.04	16	10	22	30
JM RC-30-05	390	392	106523	EXT	0.103	0.6	5.3	222	250	0.5	2	0.04	1.1	5	6	1750	1.94	1.56	0.12	45	87	0.12	5	380	36	2	6	167	0.08	23	10	57	30
JM RC-30-05	392	394	106524	EXT	0.147	0.6	6.52	148	300	0.7	2	0.04	1.6	9	7	2530	2.48	1.92	0.24	39	53	0.13	7	800	23	2.55	10	909	0.09	34	10	98	30
JM RC-30-05	394	396	106525	EXT	0.179	0.6	5.48	16	270	0.8	3	0.02	2.9	5	4	3650	2.57	1.42	0.1	37	277	0.1	7	270	13	2.89	9	70	0.05	18	10	139	30
JM RC-30-05	396	398	106526	EXT	0.174	0.7	5.16	108	200	0.8	3	0.03	1.9	9	7	2750	2.9	2	0.16	36	54	0.12	6	360	25	3.23	9	89	0.05	20	10	68	30
JM RC-30-05	398	400	106527	EXT	0.163	0.6	6.24	28	260	0.9	4	0.04	1.3	6	7	2850	2.29	1.74	0.2	47	50	0.19	6	430	30	2.48	9	103	0.07	36	10	26	30
JM RC-31-05	0	2	106528	EXT	0.209	0.8	7.97	16	880	1.5	6	2.94	2.3	11	6	119	3.6	1.8	1.11	705	4	2.06	9	840	17	0.16	8	403	0.37	118	10	95	30
JM RC-31-05	2	4	106529	EXT	0.811	0.5	6.91	20	560	1.2	5	1.54	2	9	11	69	2.62	1.56	0.82	763	2	1.84	11	870	20	0.08	5	253	0.3	84	10	30	30
JM RC-31-05	4	6	106530	EXT	0.01	0.5	7.7	21	700	1.5	8	1.64	2.3	11	10	57	3.25	1.9	0.83	763	2	1.91	12	760	23	0.08	6	262	0.34	104	10	164	30
JM RC-31-05	6	8	106531	EXT	0.007	0.5	8.47	25	660	1.5	8	2.14	2.5	12	10	64	3.58	1.54	0.9	760	2	1.81	12	810	23	0.14	12	337	0.39	112	10	108	30
JM RC-31-05	8	10	106532	EXT	0.007	0.6	8.46	18	660	1.5	5	2.78	2.3	12	10	55	3.66	1.48	0.66	738	2	2	14	950	18	0.2	10	400	0.37	112	10	91	30
JM RC-31-05	10	12	106533	EXT	0.008	0.5	7.92	21	640	1.3	6	2.39	2.2	11	6	54	3.5	1.36	0.66	918	2	1.76	10	800	31	0.16	8	345	0.36	107	10	130	30
JM RC-31-05	12	14	106534	EXT	0.006	0.5	8.77	20	650	1.2	6	1.97	2.3	11	7	44	3.71	1.5	1.06	985	3	3.73	9	960	13	0.26	8	435	0.39	114	10	79	30
JM RC-31-05	14	16	106535	EXT	0.006	0.5	8.48	13	640	1.5	5	3.23	2.3	12	5	36	3.8	1.82	1.02	728	3	2.23	7	870	12	0.08	7	453	0.38	116	10	71	30
JM RC-31-05	16	18	106536	EXT	0.006	0.6	8.21	14	630	1.3	6	2.84	2.3	11	5	47	3.59	1.51	0.96	692	2	2.06	7	830	11	0.1	5	410	0.39	108	10	71	30
JM RC-31-05	18	20	106537	EXT	0.006	0.6	8.08	24	630	1.3	7	2.98	2.4	12	5	58	3.83	1.51	1.03	705	2	2.01	7	900	14	0.12	7	412	0.37	111	10	83	30
JM RC-31-05	20	22	106538	EXT	0.006	0.6	8.29	27	650	1.3	6	2.82	2.1	10	5	46	3.51	1.43	0.88	733	2	2.01	7	880	16	0.15	11	414	0.36	106	10	77	30
JM RC-31-05	22	24	106539	EXT	0.006	0.6	8.25	11	660	1.3	6	3.13	2.3	11	6	42	3.96	1.56	1.01	712	2	2.22	10	930	10	0.05	6	421	0.39	111	10	73	30
JM RC-31-05	24	26	106888	EXT	0.006	0.5	8.24	16	660	1.3	3	3.13	2.5	15	5	56	3.86	1.68	1.14	760	3	2.22	6	870	18	0.13	8	526	0.4	112	10	77	30
JM RC-31-05	26	28	106889	EXT	0.006	0.5	9.09	20	670	1.4	2	2.91	2.5	14	7	56	3.82	1.62	1.04	788	4	2.22	7	910	19	0.3	5	510	0.39	119	10	79	30
JM RC-31-05	28	30	106891	EXT	0.006	0.5	8.23	16	680	1.3	2	3.72	2.5	16	4	61	4.07	1.8	1.22	788	3	2.38	7	840	12	0.08	6	561	0.38	118	10	84	30
JM RC-31-05	30	32	106892	EXT	0.006	0.7	8.41	16	670	1.3	2	3.2	2.5	15	6	60	3.98	1.68	1.12	812	2	2.39	11	860	12	0.42	6	518	0.4	115	10	98	30
JM RC-31-05	32	34	106893	EXT	0.006	0.5	9.06	13	670	1.4	2	3.52	2.5	13	7	44	4.52	1.22	1.16	774	1	2.69	8	880	12	0.11	5	519	0.5	138	10	105	30
JM RC-31-05	34	36	106894	EXT	0.006	0.5	9.1	17	660	1.4	2	2.91	2.5	13	6	45	4.36	1.1	1.09	788	1	2.11	8	880	12	0.1	5	447	0.47	126	10	84	30
JM RC-31-05	36	38	106895	EXT	0.006	0.6	8.61	20	660	1.4	2	3.16	2.5	13	7	38	4.46	1.12	1.16	808	1	2.43	8	840	18	0.23	9	445	0.49	136	10	77	30
JM RC-31-05	38	40	106896	EXT	0.006	0.6	9.33	34	660	1.4	2	2.97	2.5	13	7	53	4.6	1.08	1.09	845	1

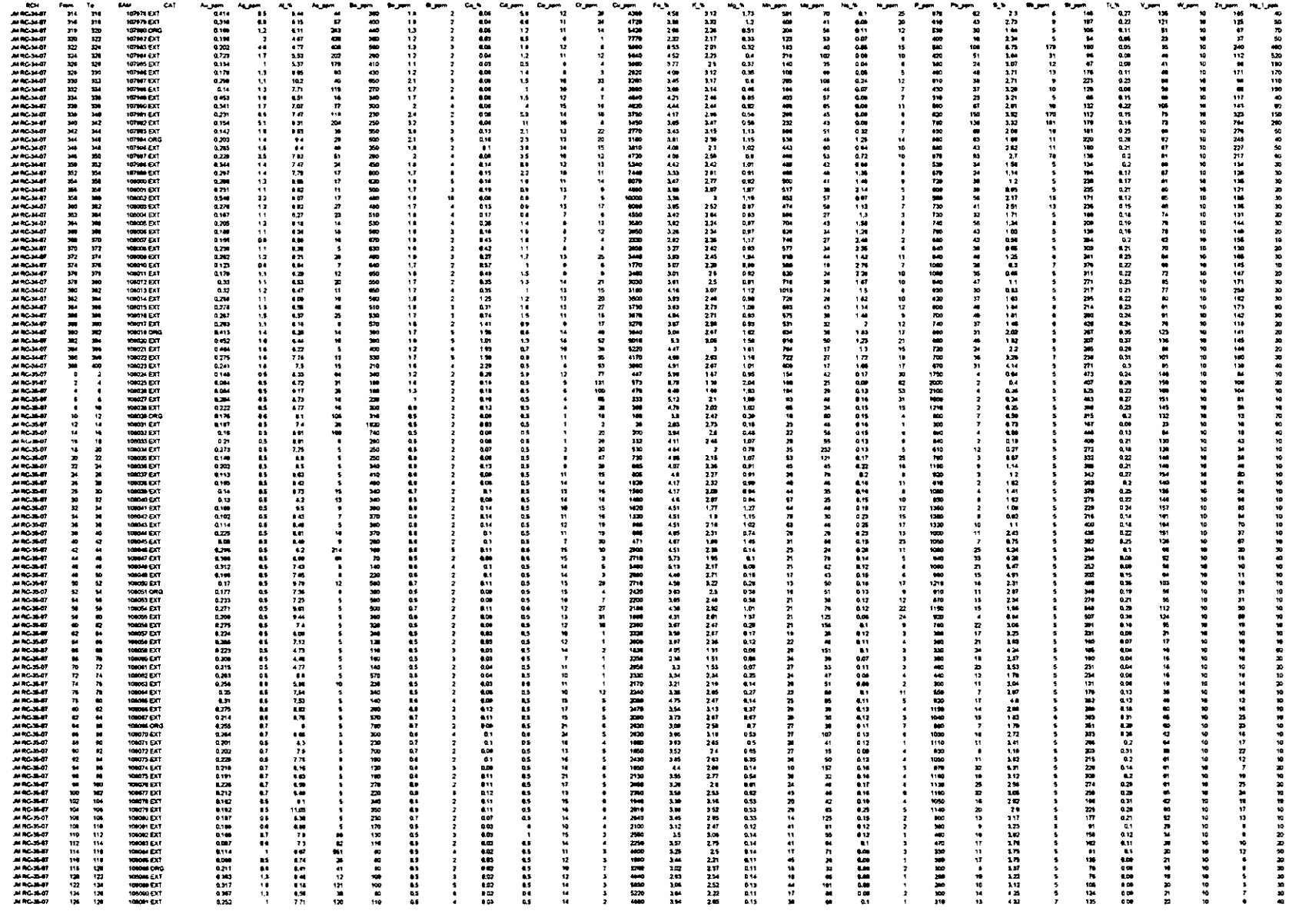
RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-31-05	68	70	106712	EXT	0.005	0.5	0.87	8	730	1.5	2	2.83	0.5	13	7	35	4.78	1.14	1.16	940	1	2.62	9	1000	11	0.01	5	368	0.48	130	10	75	20
JM RC-31-05	70	72	106713	EXT	0.007	0.5	0.91	9	650	1.4	2	3.07	0.5	13	5	38	4.62	1.13	1.1	781	1	2.36	9	640	12	0.08	5	438	0.49	136	10	78	30
JM RC-31-05	72	74	106714	EXT	0.005	0.5	0.75	12	630	1.4	2	2.54	0.5	13	5	34	4.34	0.98	0.98	754	1	2.09	7	810	10	0.04	5	395	0.49	135	10	78	30
JM RC-31-05	74	76	106715	EXT	0.005	0.5	0.82	10	640	1.4	2	2.76	0.5	15	5	34	4.77	1	0.99	908	1	2.27	8	780	12	0.14	5	425	0.53	141	10	75	30
JM RC-31-05	76	78	106716	EXT	0.005	0.5	0.98	11	880	1.4	2	2.9	0.5	17	10	38	4.84	0.93	1.12	791	1	2.55	8	800	12	0.04	5	451	0.52	132	10	74	30
JM RC-31-05	78	80	106717	ORG	0.005	0.5	0.98	13	880	1.4	2	2.99	0.5	20	9	33	4.82	0.96	0.96	617	1	2.47	7	780	12	0.01	5	384	0.52	132	10	78	18
JM RC-31-05	80	82	106718	EXT	0.005	0.5	0.23	7	790	1.5	2	2.62	0.5	19	10	42	4.73	1.16	0.84	647	1	2.48	16	750	13	0.01	5	400	0.56	147	10	94	18
JM RC-31-05	82	84	106720	EXT	0.005	0.5	0.72	13	660	1.4	2	2.53	0.5	17	10	36	4.62	1.16	1.01	719	1	2.33	7	740	11	0.01	5	356	0.52	139	10	78	18
JM RC-31-05	84	86	106721	EXT	0.005	0.5	0.13	16	640	1.5	2	2.99	0.5	17	16	39	4.74	1.27	1.07	792	1	2.29	8	840	13	0.01	5	391	0.55	145	10	88	20
JM RC-31-05	86	88	106722	EXT	0.005	0.5	0.79	14	640	1.4	2	3.08	0.5	14	7	41	4.77	1.14	1.02	916	1	2.37	8	860	13	0.07	5	402	0.5	144	10	85	20
JM RC-31-05	88	90	106723	EXT	0.005	0.5	0.73	11	660	1.4	2	3	0.5	13	9	35	4.73	1.02	1.19	913	1	2.53	7	860	11	0.01	5	386	0.55	144	10	78	18
JM RC-31-05	90	92	106724	EXT	0.005	0.5	0.93	15	620	1.3	2	2.61	0.5	17	7	49	4.36	1.09	0.84	584	1	2.2	4	730	10	0.04	5	431	0.5	136	10	71	16
JM RC-31-05	92	94	106725	EXT	0.005	0.5	0.13	14	660	1.4	2	2.99	0.5	13	5	37	4.42	1.03	0.91	532	1	2.1	7	650	9	0.04	5	412	0.47	133	10	79	16
JM RC-31-05	94	96	106726	EXT	0.005	0.5	0.99	31	680	1.3	2	1.9	0.5	15	9	38	4.77	1.32	0.82	994	1	1.16	8	750	8	0.04	5	295	0.5	173	10	83	18
JM RC-31-05	96	98	106727	EXT	0.005	0.5	0.96	15	650	1.5	2	1.47	0.5	45	9	44	5.16	1.29	0.95	845	1	1.36	11	590	4	0.01	5	221	0.54	180	10	115	18
JM RC-31-05	98	100	106728	EXT	0.005	0.5	0.71	13	660	2	2	2.74	0.5	20	8	52	5.24	1.02	1.26	1360	1	1.8	23	470	6	0.01	5	373	0.52	184	10	92	18
JM RC-31-05	100	102	106729	EXT	0.005	0.5	0.79	10	910	1.7	2	3.56	0.5	43	9	35	4.65	0.81	1.4	1605	3	2.18	20	710	4	0.01	5	412	0.54	178	10	79	10
JM RC-31-05	102	104	106730	EXT	0.005	0.5	0.79	14	950	1.5	2	2.99	0.5	33	7	52	4.76	0.63	1.22	673	3	1.96	19	760	6	0.03	5	376	0.5	182	10	66	10
JM RC-31-05	104	106	106731	EXT	0.005	0.5	0.67	25	810	1.3	2	1.64	0.5	15	9	64	5.15	0.76	0.74	653	3	1.52	19	980	5	0.02	5	258	0.45	150	10	64	10
JM RC-31-05	106	108	106732	EXT	0.005	0.5	0.68	23	910	1.1	2	1.14	0.5	7	6	66	3.53	0.77	0.84	387	2	0.66	19	1030	4	0.22	5	384	0.46	179	10	51	10
JM RC-31-05	108	110	106733	EXT	0.005	0.5	10	25	980	0.7	2	0.74	0.5	1	5	55	4.84	0.94	0.87	155	3	0.56	1	600	2	0.08	5	224	0.44	183	10	40	10
JM RC-31-05	110	112	106734	EXT	0.005	0.5	0.64	69	960	0.7	2	0.67	0.5	1	4	33	4.41	0.74	0.73	306	1	0.48	2	700	2	0.11	5	248	0.33	148	10	38	10
JM RC-31-05	112	114	106735	EXT	0.005	0.5	10.35	91	400	0.5	2	0.49	0.5	1	3	48	5.82	1.02	0.81	158	2	0.8	2	1050	2	0.15	5	344	0.29	201	10	29	10
JM RC-31-05	114	116	106736	EXT	0.005	0.5	9.5	46	500	0.7	2	0.64	0.5	1	4	38	5.34	1.04	0.88	155	3	0.7	3	960	2	0.17	5	256	0.31	178	10	36	10
JM RC-31-05	116	118	106737	EXT	0.005	0.5	8.6	21	970	0.7	2	0.63	0.5	1	4	40	4.51	0.8	0.76	251	1	1	4	630	2	0.26	5	353	0.36	109	10	31	10
JM RC-31-05	118	120	106738	EXT	0.005	0.5	6.68	36	480	0.5	2	0.63	0.5	1	3	48	5.77	0.77	0.68	108	2	0.3	4	630	5	0.18	5	323	0.29	102	10	27	10
JM RC-31-05	120	122	106739	ORG	0.005	0.5	9.13	37	900	0.7	2	1.06	0.5	3	5	50	6.49	1.16	0.58	262	2	0.97	8	930	3	0.05	5	214	0.44	136	10	34	16
JM RC-31-05	122	124	106741	EXT	0.005	0.5	7.03	33	610	0.5	2	0.64	0.5	1	4	65	5.63	0.82	0.56	153	2	0.77	3	660	2	0.02	5	245	0.3	100	10	23	18
JM RC-31-05	124	126	106742	EXT	0.005	0.5	7.31	62	630	0.6	3	0.29	0.5	5	2	44	7.44	1.06	0.35	90	2	0.46	6	1350	2	0.08	5	305	0.17	122	10	31	16
JM RC-31-05	126	128	106743	EXT	0.005	0.5	9.69	34	900	0.8	6	0.46	0.5	25	6	27	6.68	1.46	0.42	297	1	0.5	5	530	2	0.02	5	438	0.38	133	10	48	300
JM RC-31-05	128	130	106744	EXT	0.005	0.5	9.84	22	920	1.3	6	0.53	0.5	35	8	36	5.99	1.76	0.6	465	1	0.52	11	630	3	0.01	5	163	0.41	133	10	151	140
JM RC-31-05	130	132	106745	EXT	0.005	0.5	10	10	580	1.8	6	0.8	0.5	64	23	60	6	1.56	0.57	788	1	0.89	21	630	4	0.01	5	163	0.48	167	10	136	110
JM RC-31-05	132	134	106746	EXT	0.005	0.5	9.08	15	660	2.2	6	2.19	0.5	98	9	46	5.41	1.53	1.03	950	1	1.89	16	740	7	0.01	5	302	0.5	190	10	166	85
JM RC-31-05	134	136	106747	EXT	0.005	0.5	6.23	11	630	1.6	3	2.39	0.5	73	8	83	4.67	1.34	0.82	1825	1	1.8	16	960	7	0.01	5	265	0.49	166	10	114	70
JM RC-31-05	136	138	106748	EXT	0.005	0.5	6.84	19	630	0.8	7	2.53	0.5	21	4	56	4.35	0.85	1.1	791	1	0.64	9	760	4	0.01	5	175	0.58	138	10	45	70
JM RC-31-05	138	140	106749	EXT	0.005	0.5	7.62	19	580	0.8	7	2.39	0.5	34	5	47	4.9	1.46	1.48	1015	1	1.03	8	760	4	0.08	5	183	0.44	155	10	66	65
JM RC-31-05	140	142	106750	EXT	0.005	0.5	7.5	14	560	0.6	2	2.5	0.5	22	5	55	4.91	1.27	1.44	1095	1	0.84	6	740	5	1.46	5	150	0.43	161	10	76	70
JM RC-31-05	142	144	106751	EXT	0.005	0.5	9.14	22	1160	0.8	6	1.29	0.5	29	5	65	5.29	2.11	1.6	1880	1	0.64	6	780	2	0.27	5	205	0.47	178	10	74	80
JM RC-31-05	144	146	106752	EXT	0.005	0.5	6.41	12	600	1.1	4	2.08	0.5	25	8	118	4.73	1.84	1.32	956	1	1.28	17	980	2	0.46	5	229	0.5	185	10	94	40
JM RC-31-05	146	148	106753	EXT	0.005	0.5	8.22	32	810	1.2	4	2.14	0.5	22	4	90	4.92	1.52	0.98	848	1	1.13	12	850	5	2.75	5	197	0.35	158	10	96	60
JM RC-31-05	148	150	106754	EXT	0.005	0.5	7.91	91	740	1	9	2.58	0.5	31	4	89	5.14	1.13	1.77	953	1	0.99	6	730	3	5.1	5	171	0.3	118	10	62	45
JM RC-31-05	150	152	106755	EXT	0.005	0.5	7.75	26	640	1	5	2.47	0.5	21	4	82	3.91	1.19	1.77	774	1	1.06	5	730	3	3.26	7	184	0.33	126	10	91	30
JM RC-31-05	152	154	106756	EXT	0.005	0.5	8.6	23	630	1	5	2.61	0.5	19	5	29	4.14	1.36	1.66	666	1	1.4	6	820	3	3.56	9	255	0.36	140	10	81	30
JM RC-31-05	154	156	106757	EXT	0.005	0.5	7.35	16	710	1	7	2.19	0.5	21	5	44	5.21	1.21	1.58	829	1	0.93	4	770	4	3.72	9	245	0.3	114	10	136	30
JM RC-31-05	156	158	106758	EXT	0.005	0.5	8.05	20	790	1.1	7	2.3	0.5	25	4	59	5.73	1.17	1.98	1135	1	1.27	5	780	5	6.24	5	299	0.29	118	10	45	30
JM RC-31-05	158	160	106759	EAT	0.005	0.5	7.3	49	900	0.9	6	2.34	0.5	30	4	32	4.81	0.87	1.56	978	1	1.37	5	760	5	4.81	5	274	0.28	115	10	35	30
JM RC-31-05	160	162	106760	EXT	0.005	0.5	7.38	57	710	0.9	5	2.33	0.5	19	4	30	4.35	1.15	1.58	814	1	1.51	6	760	2	4.24	5	284	0.28	114	10	38	20
JM RC-31-05	162	164	106761	EXT	0.005	0.5	7.36	25	720	1	7	2.3	0.5	18	5	39	4.98	1.36	1.61	870	1	1.38	6	740	5	4.03	5	668	0.28	115	10	35	20
JM RC-31-05	164	166	106762	EXT	0.005	0.5	7.29	36	690	1	4	1.71	0.5	16	5	114	5.87	1.79	1.45	817	1	1.38	4	760	5	5.6	5	465	0.27	106	10	63	30
JM RC-31-05	166	168	106763	EXT	0.005	0.5	7.33	45	750	1	5	1.7	0.5	18	5	44	4.24	1.08	1.34	837	1	1.14	5	740	13	4.42	5	388	0.28	128	10	102	20
JM RC-31-05	168	170	106764	EXT	0.005	0.5	7.62	56	570	0.9	3	2.39	0.5	20	2	48	4.61	1.53	1.54	884	1	1.39	9	830	16	4.75	5	436	0.27	126	10	41	10
JM RC-31-05	170	172	106765	ORG	0.005	0.5	7.93	32	630	1	3	3.19	0.5	14	3	34	3.47	1.15	1.72	581	1	1.64	7	780	6	2.82	5	400	0.31	126	10	34	30
JM RC-31-05	172	174	106767	EXT	0.005	0.5	7.87	63	610	0.8	3	1.86	0.5	18	2	78	5.01	2.04	1.64	730	1	0.64	6	760	6	5.45	5	375	0.25	117	10	56	20
JM RC-31-05	174	176	106768	EXT	0.005	0.5	7.76	41	580	0.8	3	2.72	0.5	16	2	75	4.26	1.48	1.94	771	1	1.28	9	780	2	4.62	5	308	0.31	132	10	36	16
JM RC-31-05	176	178	106769	EXT	0.005	0.5	7.93	43	610	0.8	4	2.81	0.5	17	3	39	4.45	1.53	1.75	910	1	1.14	8	770	2	3.62	5	321	0.38	126	10	38	30
JM RC-31-05	178	180	106770	EXT	0.005	0.5	7.12	44	720	0.9	4	1.42	0.5	16	2	79	5.82	1.64	1.42	439	1	1.82	8	730	2	4.49	5	286	0.32	119	10	36	20
JM RC-31-05	180	182	106771	EXT	0.005	0.5	7.89	74	520	1	3	2.75	0.5	20	3	104	4.9	1.36	1.6	615	2	1	8	630	4	3.75	5	198	0.35	147	10	65	30
JM RC-31-05	182	184	106772	EXT	0.005	0.5	7.21	140	760	0.9	2	2.3	0.5	20	3	32	4.09	0.94	1.6	365	1	0.99	11	660	5	2.75	5	141	0.39	126	10	13	10
JM RC-31-05	184	186	106773	EXT	0.005	0.5	7.46	116	800	1	2	2.23	0.5	17	3	18	4	0.82	1.36	644	1	0.49	13	760	4	2.38	5	110	0.36	142	10	38	10
JM RC-31-05	186	188	106774	EXT	0.005	0.5	7.55	80	710	0.8	2	2.47	0.5	21	4	21	4	0.83	2.12	384	1	0.45	11	650	4	2.73	5	79	0.35	136	10	40	10
JM RC-31-05	188	190	106775	EXT	0.005	0.5	7.23	104	700	0.8	2	2.13	0.5	18	3	46	4.58	0.89	1.68	257	1	0.42	11	630	2	3.45	5	72	0.32	130	10	21	10
JM RC-31-05	190	192	106776	EXT	0.005	0.5	7.9	48	730	0.8	5	1.94	0.5	21	4	58	3.78	0.94	1.67	584	1	0.96	8	750	3	1.62	5	190	0.41	152	10	39	10
JM RC-31-05	192	194	106777	EXT	0.005	0.5	7.62	73	720	0.8	2	2.99	0.5	22	4	66	3.4	0.84	1.58	572	1	0.67	11	760	3	1.98	5	175	0.4	152	10	32	10
JM RC-31-05	194	196	106778	EXT	0.005	0.5	7.32	89	770	1	2	2.69	0.5	18	3	47	4.4	1.22	1.34	537	1	0.5	6	640	2	2.83	5	86	0.26	111	10	23	10
JM RC-31-05	196	198	106779	EXT	0.005	0.5	7.22	67	770	1	2	2.26	0.5	9	2	21	3.52	1.1	1.52	450	1	1.01	5	610	2	2.11	5	185	0.23	98	10	16	10
JM RC-31-06	198	200	106780	ORG	0.005	0.5	7.14	98	710	1	2	2.34	0.5	16	2	30	3.69	1.36	1.28	316	1	1.02	7	620	2	2.36	5	184	0.23	98	10	20	10
JM RC-31-06	200	202	106782	EXT	0.005	0.5	6.91	47	640	1	2	2.37	0.5	15	2	37	3.53	1.42	1.42	297	1	0.93	7	580	2	2.94	5	162	0.2	88	10	18	10
JM RC-31-06	202	204	106783	EXT	0.005	0.5	7.9	46	790	1.1	2	3.06	0.5	17	2	47	3.4	1.36	1.52	370	1	1.22	6	670	2	1.78	5	254	0.27	90	10	18	10
JM RC-31-06	204	206	106784	EXT	0.005	0.5	8.12	39	760	1.1	2	2.27	0.5	15	2	56	3.79	1.74	1.48	258	1	0.89	6	670	3	1.94	5	171	0.28	108	10	21	10
JM RC-31-06	206	208	106785	EXT	0.005	0.5	7.42	20	760	1	2	2.69	0.5	14	1	55	3.29	1.36	1.34	198	1	1.08	5	630	2	1.94	5	200	0.28	94	10	12	10
JM RC-31-06	208	210	106786	EXT	0.005	0.5	7.86	21	780	1	2	2.43	0.5	9	1	39	3.13	1.42	1.54	174	1	1.38	6	670	3	1.71	5	204	0.27	93	10	17	10
JM RC-31-06	210	212	106787	EXT	0.005	0.5	7.71	41	740	1	2	2.11	0.5	17	2	68	3.53	1.45	1.42	267	1	1.16	7	760	2	1.92	5	263	0.28	106	10	15	10
JM RC-31-06	212	214	106788	EXT	0.005	0.5	7.68	67	750	1	2	2.2	0.5	15	1	41	3.62	1.44	1.38	251	1	1.16	6	780	2	2.12	5	256	0.29	98	10	16	10
JM RC-31-06	214	216	106789	EXT	0.005	0.5	7.54	46	760	1	2	2.27	0.5	15	2	43	3.53	1.39	1.4	306	1	1.2	7	740	4	2.06	5	279	0.28	94	10	16	10
JM RC-31-06	216	218	106790	EXT	0.005	0.5	7.82	38	750	1	2	2.36	0.5	13	2	37	3.53	1.31	1.44	536	1	1.14	8	780	3	2.08	5	248	0.29	108	10	18	10
JM RC-31-06	218	220	106791	EXT	0.005	0.5	7.95	39	760	1	2	3.62	0.5	14	2	39	3.53	1.22	1.54	591	1	1.16	7	740	3	1.91	5	258	0.28	108	10	20	10
JM RC-31-06	220	222	106792	EXT	0.005	0.5	7.84	39	760	1	2	3.04	0.5	14	1	39	3.69	1.23	1.38	385	1	1.19	5	740	2	3.46	5	255	0.26	104	10	20	10
JM RC-31-06	222	224	106793	EXT	0.005	0.5	8.34	39	810	1	2	2.56	0.5	17	2	36	3.65	1.26	1.16	438	1	1.33	5	770	3	1.93	5	283	0.3	96	10	24	10
JM RC-31-06	224	226	106794	EXT	0.005	0.5	9.03	36	860	1	2	2.89	0.5	14	2	31	3.61	1.36	1.66	570	1	1.31	5	770	2	1.64	5	271	0.32	108	10	22	10
JM RC-31-06	226	228	106795	EXT	0.005	0.5	7.82	23	820	1	2	2.51	0.5	13	2	39	3.54	1.37	1.36	366	1	1.32	4	760	2	1.34	5	257	0.3	110	10	21	10
JM RC-31-06	228	230	106796	EXT	0.005	0.5	8.12	50	880	1.1	2	2.45	0.5	13	3	39	3.48	1.38	1.42	377	1	1.2	5	800	3	2.09	5	258	0.3	110	10	27	10
JM RC-31-06	230	232	106797	EXT	0.005	0.5	7.76	60	770	1	2	2.3	0.5	13	2	34	3.36	1.34	1.36	360	1	1.08	7	720	2	2.03	5	240	0.28	102	10	18	10
JM RC-31-06	232	234	106798	EXT	0.005	0.5	7.99	27	800	1	2	2.66	0.5	11	3	31	3.89	1.14	1.4	375	1	1.2	5	700	4	1.5	5	329	0.29	96	10	15	10
JM RC-31-06	234	236	106799	EXT	0.005	0.5	6.9	31	820	0.9	2	2.61	0.5	13	2	29	2.86	1.08	1.29	305	1	1.2	6	660	2	1.46	5	277	0.27	84	10	15	120
JM RC-31-06	236	238	106800	EXT	0.005	0.5	7.49	34	860	1	2	2.9	0.5	12	2	33	3.04	1.23	1.5	238	1	1.3	6	730	6	1.82	5	311	0.31	102	10	12	60
JM RC-31-06	238	240	106801	EXT	0.005	0.5	7.13	26	780	1	2	2.77	0.5	13	2	45	2.64	1.27	1.35	173	1	1.2	4	680	2	1.91	5	262	0.28	85	10	8	70
JM RC-32-06	0	2	106802	EXT	0.236	0.8	7.72	53	790	0.5	3	0.11	0.5	1	12	144	2.9	2.3	0.12	41	43	0.26	1	910	50	1.01	5	235	0.25	103	10	57	20
JM RC-32-06	2	4	106803	EXT	0.147	0.6	7.19	36	730	0.5	2	0.1	0.5	1	10	80	2.33	2.22	0.11	26	41	0.23	1	900	51	1.08	5	226	0.21	98	10	20	10
JM RC-32-06	4	6	106804	EXT	0.368	0.8	7.27	23	700	0.5	2	0.09	0.5	1	9	132	2.69	2.31	0.17	33	33	0.18	2	980	35	0.43	5	161	0.21	81	10	30	10
JM RC-32-06	6	8	106805	EXT	0.297	0.9	6.47	29	600	0.5	2	0.08	0.5	1	38	194	5.15	2.63	0.17	19	66	0.13	1	720	27	0.95	5	234	0.28	85	10	27	30
JM RC-32-06	8	10	106806	EXT	0.23	1.3	9.48	13	830	0.5	2	0.06	0.5	1	5	91	4.02	2.36	0.11	74	76	0.1	1	960	33	1.46	5	87	0.09	36	10	10	30
JM RC-32-06	10	12	106807	ORG	0.244	1.2	9.56	22	620	0.5	2	0.06	0.5	1	10	54	3.19	2.32	0.11	17	71	0.09	1	980	24	1.24	5	96	0.14	34	10	11	30
JM RC-32-06	12	14	106808	EXT	0.194	0.9	7.52	106	660	0.5	2	0.1	0.5	1	33	91	3.91	3.07	0.14	19	109	0.11	1	940	46	1.41	5	153	0.19	65	10	36	30
JM RC-32-06	14	16	106809	EXT	0.27	0.8	8.19	30



RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Nb_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-93-06	256	258	107529	EXT	0.025	1.4	6.91	7	460	1.1	2	0.03	0.5	20	5	4260	2.06	2.48	0.2	32	45	0.19	15	260	4	1.7	5	73	0.1	27	40	13	10
JM RC-93-06	258	260	107530	ORG	0.466	2.8	6.34	56	430	1.2	2	6.04	1.5	23	9	4650	2.66	2.16	0.19	65	39	0.28	20	350	21	2.71	5	103	0.09	29	30	33	40
JM RC-93-06	260	262	107532	EXT	0.456	1.4	7.2	14	530	1.1	2	6.05	0.5	24	8	5460	2.35	2.53	0.18	35	40	0.25	17	380	11	2.28	5	129	0.09	28	30	33	10
JM RC-93-06	262	264	107533	EXT	0.317	1.6	6.41	13	330	0.8	2	6.02	0.5	23	7	4910	2.23	2.22	0.14	33	60	0.25	13	350	9	2.11	5	88	0.08	24	40	11	10
JM RC-93-06	264	266	107534	EXT	0.26	1.2	6.91	57	170	0.7	2	0.05	1.1	44	9	3040	3.61	1.75	0.13	49	56	0.24	17	410	14	4	5	165	0.09	34	70	43	20
JM RC-93-06	266	268	107535	EXT	0.208	0.8	6.43	36	340	0.6	2	6.03	0.5	26	9	1940	3.46	1.87	0.1	43	60	0.26	12	360	13	3.96	5	165	0.05	32	80	16	20
JM RC-93-06	268	270	107536	EXT	0.126	1.6	4.7	22	360	1	2	0.03	0.5	19	7	4160	2.51	2.01	0.16	41	40	0.29	16	290	7	2.28	5	85	0.08	29	60	12	20
JM RC-93-06	270	272	107537	EXT	0.235	0.9	7.56	26	470	1.5	2	6.06	0.5	20	17	2220	2.37	2.29	0.15	48	44	0.41	22	440	17	2.84	5	158	0.11	38	90	14	10
JM RC-93-06	272	274	107538	EXT	0.511	1	11.2	18	270	0	2	0.1	0.5	11	36	2300	1.27	1.94	0.18	34	25	0.49	32	1430	10	3.63	5	62	0.04	162	10	24	10
JM RC-93-06	274	276	107539	EXT	0.381	1.4	11.1	10	250	7.1	2	0.11	0.5	15	37	2810	1.01	1.34	0.18	36	37	0.32	28	1430	7	2.33	5	29	0.03	142	10	24	20
JM RC-93-06	276	278	107540	EXT	0.234	0.6	6.5	28	290	1.2	2	6.04	0.5	28	13	2820	2.86	1.96	0.14	36	50	0.22	24	410	9	2.66	5	113	0.07	32	80	14	10
JM RC-93-06	278	280	107541	EXT	0.308	1.1	8.29	21	290	1.1	2	0.03	0.5	20	12	3400	2.15	2.24	0.24	57	44	0.22	15	520	9	1.69	5	74	0.07	29	60	17	10
JM RC-93-06	280	282	107542	EXT	0.333	1.2	6.7	29	480	1.1	2	0.01	0.5	21	13	3662	2.85	2.15	0.2	54	66	0.21	20	520	6	2.27	5	87	0.08	36	60	17	10
JM RC-93-06	282	284	107543	EXT	0.398	1.4	6.32	36	310	1.4	2	6.04	0.5	16	9	4380	2.64	2.02	0.19	38	56	0.18	9	360	9	2.64	5	78	0.08	35	60	22	10
JM RC-93-06	284	286	107544	EXT	0.308	1.5	6.5	24	430	1.2	4	6.04	0.5	18	4	4290	3.11	1.72	0.18	37	35	0.17	9	330	10	3.16	5	78	0.08	23	80	17	10
JM RC-93-06	286	288	107545	EXT	0.18	1.3	5.8	18	290	1	2	6.05	0.5	11	7	2460	2.22	1.79	0.13	39	49	0.17	7	300	12	2.09	5	68	0.08	20	70	16	10
JM RC-93-06	288	290	107546	EXT	0.209	1.5	7.75	117	470	1.6	2	6.04	0.5	11	44	2660	2.11	1.98	0.17	57	49	0.26	10	500	13	2.07	5	132	0.08	33	70	52	40
JM RC-93-06	290	292	107547	EXT	0.244	1.6	6.36	155	540	1.5	5	0.03	0.5	6	5	3518	1.85	2.04	0.2	38	74	0.21	7	370	16	1.78	5	88	0.08	31	70	34	10
JM RC-93-06	292	294	107548	EXT	0.338	1.2	7.4	63	570	2	2	0.05	1	14	14	3480	2.16	1.88	0.18	53	56	0.25	11	550	15	2.3	5	142	0.1	36	90	44	10
JM RC-93-06	294	296	107549	EXT	0.3	2	6.64	22	730	1.5	3	0.02	0.5	10	4	4660	2.09	1.93	0.26	36	36	0.18	5	290	10	1.66	5	54	0.09	24	90	93	20
JM RC-93-06	296	298	107550	EXT	0.248	1.6	6.48	13	540	1.8	5	0.02	0.5	20	1	4620	2.67	1.9	0.29	45	42	0.16	10	210	7	1.58	5	41	0.08	20	100	36	10
JM RC-93-06	298	300	107551	EXT	0.292	1.6	6.43	17	730	1.7	5	0.02	0.7	30	2	5360	2.34	2.15	0.24	57	44	0.19	8	350	7	2.07	5	54	0.07	31	70	27	20
JM RC-93-06	300	302	107552	EXT	0.321	1.6	6.98	30	640	2	3	0.05	1.1	15	7	3980	1.79	2.05	0.23	54	26	0.22	9	460	11	1.48	5	65	0.11	51	90	45	20
JM RC-93-06	302	304	107553	EXT	0.273	2.4	6.44	46	500	1.6	4	6.04	0.7	10	3	4130	2.24	1.93	0.22	44	76	0.2	7	240	30	2.18	32	46	0.08	22	80	78	60
JM RC-93-06	304	306	107554	EXT	0.162	1.4	7.12	67	630	1.7	4	6.03	0.7	8	2	3858	2.34	1.74	0.27	53	36	0.23	8	330	19	2.09	6	57	0.08	26	90	79	60
JM RC-93-06	306	308	107555	EXT	0.157	1.3	6.91	116	430	1.5	2	0.05	0.7	17	7	2938	2.39	1.61	0.12	46	39	0.31	7	470	21	2.85	5	160	0.08	24	70	52	150
JM RC-93-06	308	310	107556	EXT	0.15	1.6	6.76	72	310	1.4	5	0.03	0.5	9	3	3670	3.14	1.79	0.17	69	116	0.3	10	350	30	3.19	7	48	0.08	17	60	36	20
JM RC-93-06	310	312	107557	EXT	0.228	1.6	6.48	79	360	1.4	2	6.03	0.6	9	4	3548	2.9	1.67	0.2	55	79	0.23	8	380	16	2.5	5	51	0.07	21	70	34	40
JM RC-93-06	312	314	107558	EXT	0.209	1.3	7.62	36	470	1.8	2	6.04	0.7	4	12	2830	2.86	1.72	0.19	66	46	0.28	8	450	23	1.86	5	106	0.1	32	70	47	40
JM RC-93-06	314	316	107559	EXT	0.213	1.4	6.68	27	340	1.6	3	0.05	0.5	17	5	3650	1.59	1.99	0.19	34	54	0.19	8	290	13	1.99	5	66	0.09	24	80	34	20
JM RC-93-06	316	318	107560	EXT	0.278	1.3	6.82	69	740	2.2	5	0.03	1.9	19	1	3350	1.74	1.82	0.29	53	30	0.2	10	240	7	1.53	5	29	0.04	32	80	86	20
JM RC-93-06	318	320	107561	EXT	0.252	1.2	7.53	19	330	1.7	2	6.04	1.1	18	6	3410	1.54	1.66	0.18	46	53	0.71	15	350	9	1.28	5	63	0.1	38	90	175	10
JM RC-93-06	320	322	107562	ORG	0.243	1.1	6.8	21	290	1.7	5	6.04	0.6	22	6	3488	1.81	1.99	0.18	42	82	0.33	12	340	9	1.78	5	54	0.08	25	90	107	20
JM RC-93-06	322	324	107564	EXT	0.288	1.3	8.88	17	410	1.7	2	6.03	0.6	16	6	3628	1.53	1.74	0.2	37	87	0.31	10	310	7	1.36	5	84	0.08	23	90	128	10
JM RC-93-06	324	326	107565	EXT	0.252	1	8.38	22	600	2.3	2	6.06	0.7	15	15	3110	1.92	1.94	0.22	49	62	0.1	11	340	13	1.79	5	129	0.15	44	90	33	20
JM RC-93-06	326	328	107566	EXT	0.22	1.5	7.66	12	660	2.1	5	0.05	0.6	51	1	3460	1.81	1.61	0.26	54	40	0.15	16	230	9	1.44	5	21	0.08	23	80	77	10
JM RC-93-06	328	330	107567	EXT	0.284	1.4	5.95	23	430	1.4	3	6.02	0.6	21	3	3810	2.78	1.8	0.19	41	37	0.19	11	290	5	2.68	5	44	0.08	22	80	22	20
JM RC-93-06	330	332	107568	EXT	0.262	1.3	6.63	26	300	2	3	0.05	0.6	24	13	3300	2.26	1.67	0.15	51	36	0.24	15	460	12	2.36	5	108	0.11	36	90	43	20
JM RC-93-06	332	334	107569	EXT	0.248	1.2	7.64	29	350	2.3	2	6.05	1.1	27	15	3060	1.65	1.88	0.18	44	39	0.27	16	560	10	2.11	5	108	0.14	41	90	75	30
JM RC-93-06	334	336	107570	EXT	0.242	0.9	7.21	7	250	1.9	2	0.04	0.5	18	12	2370	2.62	1.72	0.17	54	22	0.29	10	410	9	1.8	5	54	0.13	33	70	29	10
JM RC-93-06	336	338	107571	EXT	0.156	1	6.71	21	250	1.4	2	6.03	0.6	17	7	2160	2.56	1.64	0.17	45	44	0.19	7	340	11	2.16	5	57	0.1	27	80	21	10
JM RC-93-06	338	340	107572	EXT	0.2	1.4	8.38	124	230	1.1	2	0.02	0.6	11	4	1800	2.5	1.61	0.21	56	49	0.15	5	280	19	2.16	24	51	0.07	18	90	35	30
JM RC-93-06	340	342	107573	EXT	0.196	1.6	6.67	51	300	1.8	3	6.03	0.6	16	8	3260	2.56	1.63	0.21	58	38	0.22	9	280	20	2.21	17	60	0.08	24	90	54	30
JM RC-93-06	342	344	107574	EXT	0.144	1.2	6.97	17	340	1.9	2	6.03	0.5	22	9	2630	1.5	1.62	0.15	54	34	0.31	14	360	16	1.41	5	57	0.08	25	80	38	20
JM RC-93-06	344	346	107575	EXT	0.172	1.5	8.27	95	800	1.4	2	6.05	0.6	17	7	1980	2.39	1.8	0.15	52	32	0.24	7	370	14	2.21	16	46	0.08	23	80	34	20
JM RC-93-06	346	348	107576	EXT	0.174	1.7	6.5	46	190	1.6	2	6.03	0.6	13	8	3470	2.36	1.71	0.16	59	78	0.39	8	310	17	2.16	13	56	0.08	30	90	38	20
JM RC-93-06	348	350	107577	EXT	0.191	1.2	6.82	56	240	1.6	3	6.05	1.2	21	11	3470	2.21	1.8	0.16	45	64	0.42	11	380	26	2.91	11	69	0.1	30	90	75	30
JM RC-93-06	350	352	107578	EXT	0.197	1.2	6.68	32	230	1.7	2	6.1	0.5	15	7	3180	2.31	1.83	0.17	45	40	0.28	8	330	15	2.08	5	58	0.08	28	90	40	20
JM RC-93-06	352	354	107579	EXT	0.196	1.1	6.79	36	280	1.9	4	6.04	0.9	11	6	2740	2.17	1.67	0.17	49	31	0.26	6	330	16	1.96	16	63	0.08	22	90	40	20
JM RC-93-06	354	356	107580	EXT	0.211	1.1	6.8	34	460	2.1	2	6.04	0.9	16	8	4010	2.61	1.79	0.19	76	44	0.26	6	360	21	2.33	8	67	0.08	30	80	62	20
JM RC-93-06	356	358	107581	EXT	0.208	1.1	6.76	25	970	1.9	2	0.07	2.4	12	8	2650	1.42	1.79	0.2	72	44	0.4	6	340	61	1.57	32	73	0.1	36	90	264	40
JM RC-93-06	358	360	107582	EXT	0.179	1.6	7.75	30	600	2.2	3	6.17	2.1	15	13	2800	2.29	1.73	0.25	100	36	0.77	12	470	50	1.82	11	104	0.15	34	90	235	30
JM RC-93-06	360	362	107583	EXT	0.246	2.9	8.29	22	860	1.9	3	0.22	1.5	13	7	3600	2.61	1.62	0.21	231	25	1.67	8	320	44	2.27	14	65	0.08	22	90	175	20
JM RC-93-06	362	364	107584	EXT	0.179	1.7	7.82	20	910	2.2	3	0.31	1.1	8	8	2480	2.42	1.67	0.47	528	45	1.67	7	380	36	1.46	5	71	0.1	25	90	186	20
JM RC-93-06	364	366	107585	EXT	0.202	1.2	7.59	16	300	1.6	2	6.09	0.6	9	13	3810	1.9	1.44	0.35	239	32	1.63	8	480	45	1.35	5	102	0.12	32	90	104	20
JM RC-93-06	366	368	107586	EXT	0.223	1.1	6.63	34	250	1.9	3	6.06	1	11	10	3880	2.66	1.96	0.31	172	31	0.61	10	370	19	1.63	5	68	0.1	27	90	119	30
JM RC-93-06	368	370	107587	EXT	0.269	1.7	6.42	24	360	1.9	3	6.04	1.3	13	5	3960	2.74	1.73	0.24	83	37	0.41	7	310	19	2.17	10	67	0.08	28	90	88	30
JM RC-93-06	370	372	107588	ORG	0.266	1.3	6.22	21	420	1.9	2	6.03	0.6	20	6	3720	3.75	1.71	0.2	76	34	0.18	7	300	20	3.23	7	57	0.08	22	90	53	30
JM RC-93-06	372	374	107590	EXT	0.376	1.3	7.35	30	390	2.3	3	0.06	0.8	18	13	3250	2.18	1.78	0.21	65	60	0.24	12	360	21	2.12	5	72	0.13	36	90	126	30
JM RC-93-06	374	376	107591	EXT	0.313	1.1	6.92	21	370	2	2	0.12	1	13	10	3720	2.74	1.7	0.63	185	38	0.77	8	350	15	1.72	5	84	0.15	53	90	256	30
JM RC-93-06	376	378	107592	EXT	0.25	1.1	6.91	33	480	2.9	3	0.17	1	16	25	2480	2.48	1.99	0.78	176	26	1.24	17	670	17	1.58	5	112	0.23	84	90	182	30
JM RC-93-06	378	380	107593	EXT	0.258	1.3	6.42	46	660	2.7	3	0.08	3	10	16	2910	2.74	1.72	0.34	84	44	0.34	14	480	86	1.83	5	126	0.19	50	90	455	40
JM RC-93-06	380	382	107594	EXT	0.258	1.4	6.91	87	600	1.4	3	0.03	1.1	11	4	3600	2.29	1.78	0.23	67	108	0.17	4	320	33	2.09	5	98	0.07	16	90	108	30
JM RC-93-06	382	384	107595	EXT	0.224	1.2	6.14	561	910	1.5	3	0.09	0.8	12	4	4190	2.44	1.65	0.23	66	37	0.15	4	250	27	2.25	5	51	0.07	21	90	57	30
JM RC-93-06	384	386	107596	EXT	0.3	1.1	7.29	328	940	2.4	4	0.05	0.8	16	10	3800	2.84	1.84	0.25	94	21	0.21	10	410	16	2.64	5	81	0.13	38	90	96	40
JM RC-93-06	386	388	107597	EXT	0.24	0.8	8.7	291	650	1.8	2	0.09	0.5	8	3	3000	2.11	1.68	0.27	99	21	0.13	3	300	12	1.91	5	37	0.09	15	90	60	30
JM RC-93-06	388	390	107598	EXT	0.275	0.8	6.28	165	650	1.8	2	6.04	0.6	8	3	3110	2.08	1.88	0.3	89	16	0.15	5	280	14	1.4	5	34	0.07	17	90	95	30
JM RC-93-06	390	392	107599	EXT	0.244	1	7.48	59	430	2.4	2	6.08	0.6	15	14	2910	2.11	1.96	0.3	65	31	0.43	16	470	12	1.63	5	71	0.12	48	90	179	20
JM RC-93-06	392	394	107600	EXT	0.26	1	7.54	236	310	2.3	2	0.06	0.6	15	19	2640	2.12	1.88	0.22	60	51	0.25	14	670	14	2.3	6	145	0.17	56	90	38	30
JM RC-93-06	394	396	107601	EXT	0.264	1	8.11	90	330	2.4	4	0.19	0.7	17	17	2880	2.78	1.94	0.61	221	25	0.48	14	810	19	1.93	5	131	0.23	88	100	120	20
JM RC-93-06	396	397	107602	EXT	0.353	1.1	7.95	60	270	2.8	4	0.07	1	41	29	3500	3.22	1.71	0.16	100	60	0.29	35	800	16	3.39	5	173	0.15	67	100	77	20
JM RC-93-07	0	2	107603	EXT	0.24	1	7.12	15	490	1.1	2	0.11	0.5	5	6	3660	3.04	1.73	0.27	131	15	0.16	5	360	22	0.82	5	142	0.17	95	10	44	10
JM RC-93-07	2	4	107604	EXT	0.241	0.8	6.83	9	410	1.3	2	0.07	0.5	1	8	2390	3.61	1.82	0.32	98	8	0.12	3	660	5	1.34	5	45	0.1	47	10	26	10
JM RC-93-07	4	6	107605	EXT	0.315	1.1	6.88	16	330	1.7	2	0.08	0.5	1	13	3840	3.34	1.98	0.48	133	19	0.11	4	620	9	1.42	5	49	0.13	58	10	80	20
JM RC-93-07	6	8	107606	EXT	0.551	1.7	7.17	7	260	1.7	2	0.07	0.5	2	14	4390	3.29	1.63	0.88	137	38	0.1	5	600	5	1.34	5	59	0.16	72	10	89	20
JM RC-93-07	8	10	107607	EXT	0.453	1	8	6	220	2.7	2	0.08	0.5	7	49	674	4.46	1.42	1.39	254	30	0.1	30	1210	8	1.64	5	124	0.46	153	10	164	20
JM RC-93-07	10	12	107608	EXT	0.265	1.4	8.72	20	210	1.8	2	0.1	0.5	2	41	842	4.26	1.7	0.76	157	9	0.1	15	1140	8	1.35	5	165	0.39	126	10	77	10
JM RC-93-07	12	14	107609	EXT	0.352	1.2	9.91	12	330	2.1	2	0.09	0.6	5	25	884	3.86	1.86	0.59	176	16	0.13	12	830	11	1.5	5	306	0.28	117	10	84	10
JM RC-93-07	14	16	107610	EXT	0.553	1.4	8.83	17	450	2	2	0.08	0.5	1	31	466	3.96	1.98	0.4	93	35	0.12	17	660	8	1.34	5	288	0.35	162	10	33	10
JM RC-93-07	16	18	107611	EXT	0.573	1.4	7.42	24	460	1.6	2	0.08	0.5	1	35	445	4.79	1.74	0.26	97	27	0.1	14	720	9	1.11	5	241	0.39	190	10	17	20
JM RC-93-07	18	20	107612	ORG	0.581	1.6	8.48	23	530	1.1	2	0.05	0.5	1	22	715	4.51	2.06	0.18	98	33	0.04	7	610	8	0.66	5	211	0.24	73	10	11	10
JM RC-93-07	20	22	107614	EXT	0.767	2.1	8.99	17	440	0.5	2	0.03	0.6	1	5	108	2.97	1.56	0.1	63	19	0.09	3	400	9	0.73	5	191	0.17	38	10	12	130
JM RC-93-07	22	24	107615	EXT	0.884	2.7	5.35	71	980	0.5	2	6.05	0.5	1	8	122	2.36	1.57	0.12	91	14	0.08	3	400	8	0.38	7	77	0.08	34	10	13	180
JM RC-93-07	24	26	107616	EXT	0.728	1.4	8.83	19	530	0.8	2	0.08	0.6	1	13	290	4.34	1.91	0.12	62	30	0.14	1	940	67	0.37	5	317	0.09	71	10	33	80
JM RC-93-07	26	28	107617	EXT	0.152	1.1	8.25	11	640	0.6	2	0.05	0.5	1	5	171	1.99	1.64	0.25	42	15	0.22	5	620	45	0.19	5	265	0.08	79	10	67	30
JM RC-93-07	28	30	107618	EXT	0.177	0.9	8.32	8	510	0.9	2	0.08	0.5	1	3	318	2.87	1.38	0.12	33	38	0.04	1	1020	85	0.34	5	484	0.05	70	10	18	20
JM RC-93-07	30	32	107619	EXT	0.135	0.7	7.86	5	630	0.7	2	1.26	0.5	1	4	236	2.54	1.82	0.21	56	13	0.26	1	570	16	1.09	5	246	0.12	60	10	22	10
JM RC-93-07	32	34	107620	EXT	0.156	1.1	8.66	9	680	0.9	2	2	0.5	1	3	138	2.56	1.68	0.11	56	10	0.32	1	830	52	1.87	5	403	0.08	64	10	8	30
JM RC-93-07	34	36	107621	EXT	0.197	0.9	8.62	6	670	0.7	2	1.64	0.5	1	7	171	2.27	1.65	0.1	50	6	0.31	2	910	79	1.67	5	355	0.12	61	10	9	30
JM RC-93-07	36	38	107622	EXT	0.454	1.2	8.33	6	470	0.7	2	1.66	0.5	6	7	1420	2.66	1.77	0.12	45	9	0.25	3	860	51	2.56	5	343	0.12	61	10	14	30
JM RC-93-07	38	40	107623	EXT	0.83	1.1	7.66	5	450	0.9	2	2.06	0.8	11	12	3660	3.62	1.71	0.38	82	54	0.25	5	1060	28	3.17	5	506	0.2	106	10	43	30
JM RC-93-07	40	42	107624	EXT	0.418	1.8	8.15	12	430	1	3	2.32	1.2	13	15	2550	3.79	1.63	0.45	84	35	0.3	7	1050	38	3.67	5	481	0.29	129	10	67	30
JM RC-93-07	42	44	107625	EXT	0.395	1.6	6.33	10	660	1	3	0.71	0.8	14	16	2480	3.57	1.58	0.4	94	42	0.29	10

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-35-07	286	288	107752 EXT		0.288	1.4	4.19	17	220	0.8	3	0.07	0.6	11	4	3140	4.8	2.11	0.21	48	38	0.27	7	490	41	5.13	5	112	0.11	47	10	30	10
JM RC-35-07	288	290	107753 EXT		0.29	0.8	6.36	21	348	0.8	2	0.06	0.6	12	7	2700	4.15	2.18	0.41	117	37	0.27	4	530	19	3.53	5	84	0.11	52	10	24	10
JM RC-35-07	290	292	107754 EXT		0.72	1.2	6.29	17	230	0.8	2	0.05	0.7	13	5	2600	4.59	1.96	0.38	86	32	0.32	4	710	19	4.43	5	67	0.12	49	10	57	10
JM RC-35-07	292	294	107756 EXT		0.288	1.2	6.97	19	268	1.5	2	0.07	1	12	6	2650	4.47	1.88	0.81	267	46	0.45	5	660	39	2.84	5	57	0.14	54	10	141	10
JM RC-35-07	294	296	107756 ORG		0.25	0.8	6.88	34	248	1.6	2	0.11	0.7	10	5	2450	4.43	2.13	0.58	175	28	0.31	5	630	19	3.02	5	45	0.16	57	10	134	10
JM RC-35-07	296	298	107758 EXT		0.348	1.5	4.91	18	188	1.6	4	0.12	0.6	8	5	2650	4.01	1.5	0.63	167	24	0.31	5	680	18	2.28	5	24	0.14	51	10	102	10
JM RC-35-07	298	300	107759 EXT		0.304	1.5	6.56	9	160	2.2	3	0.08	0.6	11	7	3045	5.55	1.5	1.28	377	20	0.79	9	630	18	1.17	5	17	0.27	88	10	291	10
JM RC-35-07	300	302	107760 EXT		0.167	1	5.52	14	268	2.4	3	0.55	1	19	9	1750	7.23	1.53	2.62	729	20	0.69	11	1530	27	0.56	5	79	0.49	179	10	357	10
JM RC-35-07	302	304	107761 EXT		0.445	0.9	6.94	24	240	2.3	4	0.21	1	20	29	3750	6.41	2.18	2.18	414	34	1.18	25	1080	12	0.88	5	102	0.31	146	10	228	10
JM RC-35-07	304	306	107762 EXT		0.748	1	9.48	41	190	1.6	4	0.11	0.6	14	29	4460	4.34	2.06	1.22	232	56	0.59	19	930	21	1.48	5	82	0.29	126	10	141	10
JM RC-35-07	306	308	107763 EXT		0.278	1	6.71	29	200	1	2	0.07	0.7	13	11	4140	4.13	2.21	0.18	48	53	0.27	9	730	37	4.14	5	90	0.14	63	10	24	10
JM RC-35-07	308	310	107764 EXT		0.348	0.8	7.77	35	180	1.5	2	0.06	0.5	29	9	3450	3.26	1.52	0.19	47	65	0.79	4	330	10	1.86	5	60	0.19	54	10	29	10
JM RC-35-07	310	312	107765 EXT		0.256	0.8	6.53	35	160	1.2	4	0.05	0.5	22	10	3660	2.86	1.62	0.14	36	39	0.38	6	370	13	2.01	5	65	0.14	51	10	12	10
JM RC-35-07	312	314	107766 EXT		0.352	0.9	6.44	118	150	1.2	3	0.06	0.7	12	3	4480	3.2	1.68	0.17	41	45	0.26	5	460	22	3.25	5	67	0.12	52	10	13	10
JM RC-35-07	314	316	107767 EXT		0.256	0.6	6.73	148	260	0.7	2	0.09	1.4	18	7	4260	4.31	1.98	0.18	42	55	0.26	11	600	58	5.19	5	137	0.1	61	10	16	20
JM RC-35-07	316	318	107768 EXT		0.216	1.1	6.62	228	280	0.8	2	0.06	0.6	14	19	3940	3.51	2.04	0.12	44	40	0.23	69	630	31	4.21	7	154	0.12	48	10	11	20
JM RC-35-07	318	320	107769 EXT		0.311	1.1	6.33	93	270	0.9	4	0.04	0.5	11	9	4370	4.01	2.06	0.16	44	53	0.21	6	660	34	4.61	5	82	0.11	58	10	19	20
JM RC-35-07	320	322	107770 EXT		0.251	1	5.38	85	218	1	5	0.06	0.6	17	4	3670	3.75	1.97	0.13	38	41	0.26	6	640	22	4.15	5	58	0.13	59	10	9	10
JM RC-35-07	322	324	107771 EXT		0.348	1.2	6.88	126	270	1	5	0.04	0.6	14	4	4260	2.98	2.24	0.18	55	51	0.18	5	540	18	2.86	5	57	0.17	44	10	10	10
JM RC-35-07	324	326	107772 EXT		0.228	1.5	5.23	118	360	0.7	4	0.03	0.6	9	4	3630	3.46	1.87	0.16	46	31	0.14	4	540	30	3.56	5	70	0.08	30	10	16	20
JM RC-35-07	326	328	107773 EXT		0.214	1.2	4.99	112	330	0.5	4	0.02	0.5	15	1	5180	4.87	1.71	0.12	36	43	0.14	5	530	34	4.72	5	119	0.06	20	10	8	30
JM RC-35-07	328	330	107774 EXT		0.199	1.2	5.5	150	360	0.5	4	0.03	0.5	14	2	4860	3.52	1.9	0.18	48	53	0.14	4	530	26	3.71	5	88	0.09	28	10	17	30
JM RC-35-07	330	332	107775 EXT		0.197	0.7	5.31	119	450	0.5	2	0.03	0.5	12	4	3330	2.98	1.75	0.12	38	35	0.16	6	360	35	3.24	5	115	0.08	24	10	11	20
JM RC-35-07	332	334	107776 EXT		0.184	1	4.8	168	360	0.5	6	0.02	0.5	32	3	4460	3.86	1.66	0.12	46	43	0.16	4	460	33	4.48	5	91	0.09	25	10	14	30
JM RC-35-07	334	336	107777 EXT		0.161	1.1	4.71	157	230	0.5	2	0.02	0.7	21	6	1650	5.26	1.73	0.1	45	65	0.13	7	370	21	5.71	17	53	0.08	18	10	8	20
JM RC-35-07	336	338	107778 EXT		0.231	1.2	5.67	50	600	0.6	4	0.03	0.6	13	6	4520	3.13	2.01	0.19	54	62	0.18	5	360	18	3.63	6	74	0.11	35	10	33	10
JM RC-35-07	338	340	107779 EXT		0.156	0.7	6.08	9	300	0.7	5	0.05	0.6	18	4	3370	3.75	2.18	0.17	43	50	0.18	7	440	30	4.02	5	112	0.09	34	10	18	10
JM RC-35-07	340	342	107780 EXT		0.143	0.7	5.45	37	350	0.7	2	0.03	0.5	14	4	3980	3.35	2.03	0.15	39	36	0.19	4	390	18	3.51	5	101	0.08	25	10	11	10
JM RC-35-07	342	344	107781 EXT		0.288	1.2	6.08	197	430	0.8	2	0.04	0.6	16	10	3760	3.83	1.98	0.25	76	42	0.17	7	460	31	3.51	4	115	0.13	44	10	30	20
JM RC-35-07	344	346	107782 ORG		0.189	1.1	5.7	80	520	0.7	2	0.02	1	15	7	3130	2.8	2.13	0.16	45	33	0.18	5	330	17	2.72	5	79	0.1	39	10	12	20
JM RC-35-07	346	348	107784 EXT		0.277	1.1	6.45	115	410	0.7	2	0.03	1.1	15	10	3560	3.79	1.94	0.18	58	29	0.16	6	360	17	3.67	6	90	0.1	57	10	37	10
JM RC-35-07	348	350	107785 EXT		0.174	1	5.78	80	370	0.7	2	0.02	12	8	4	3370	2.86	2.08	0.15	40	32	0.16	4	330	9	2.81	5	76	0.09	31	10	14	10
JM RC-35-07	350	352	107786 EXT		0.21	1	6.88	162	830	0.8	3	0.03	1.3	16	3	4180	4.07	2.06	0.15	43	53	0.2	4	400	24	4.19	5	118	0.08	32	10	8	20
JM RC-35-07	352	354	107787 EXT		0.186	0.8	7.44	71	910	0.7	2	0.03	0.6	9	2	3700	2.89	2.08	0.17	34	34	0.26	3	360	31	2.42	5	121	0.08	25	10	8	10
JM RC-35-07	354	356	107788 EXT		0.214	0.7	6.48	68	900	0.8	2	0.07	0.9	17	10	3640	2.87	2.06	0.24	63	66	0.27	6	510	16	2.67	5	96	0.11	53	10	28	10
JM RC-35-07	356	358	107789 EXT		0.146	0.6	6.83	123	880	0.7	2	0.02	1	16	4	3260	2.44	2.4	0.12	38	79	0.29	4	460	22	2.66	5	107	0.09	36	10	10	10
JM RC-35-07	358	360	107790 EXT		0.139	0.5	7.72	33	630	0.9	2	0.02	0.7	14	3	2700	2.66	2.99	0.16	50	63	0.29	4	390	12	2.7	5	98	0.09	26	10	8	10
JM RC-35-07	360	362	107791 EXT		0.246	0.9	6.91	60	450	1.3	4	0.03	2.1	14	10	5340	3.02	2.27	0.27	68	66	0.21	8	440	19	2.34	5	58	0.12	53	10	28	10
JM RC-35-07	362	364	107792 EXT		0.275	0.9	6.17	57	360	1.6	2	0.05	1.5	19	3	3940	2.82	2.09	0.22	43	72	0.24	8	290	41	2.42	5	54	0.09	45	10	22	10
JM RC-35-07	364	366	107793 EXT		0.261	0.6	5.62	27	290	1	2	0.04	1.9	17	4	3540	5.01	2.1	0.16	47	56	0.16	7	480	15	2.63	5	43	0.1	39	10	11	10
JM RC-35-07	366	368	107794 EXT		0.257	0.5	6.64	44	290	1.5	4	0.04	0.6	21	11	3600	2.98	1.74	0.23	86	33	0.24	10	510	10	2.48	5	63	0.17	59	10	21	10
JM RC-35-07	368	370	107795 EXT		0.455	0.8	6.19	59	270	1.2	2	0.05	2.4	35	4	4030	3.46	1.63	0.17	66	57	0.22	10	460	28	3.56	5	45	0.11	44	10	15	20
JM RC-35-07	370	372	107796 EXT		0.279	0.8	7.83	30	180	1.3	3	0.03	0.5	16	5	3700	2.17	1.96	0.19	56	37	0.19	6	210	14	1.91	5	31	0.24	58	10	13	10
JM RC-35-07	372	374	107797 EXT		0.288	0.8	6.25	33	200	1.4	2	0.04	0.9	15	12	3780	2.57	2.05	0.31	69	40	0.2	8	400	8	1.48	5	42	0.2	72	10	31	10
JM RC-35-07	374	376	107798 EXT		0.234	0.7	6.43	35	210	1	2	0.06	0.5	16	4	3110	3.63	2.37	0.16	57	58	0.24	8	420	18	3.64	5	77	0.14	60	10	8	10
JM RC-35-07	376	378	107799 EXT		0.193	0.7	6.34	34	220	1.1	3	0.07	0.9	12	4	3860	3.36	2.62	0.19	61	60	0.25	3	390	67	3.13	5	67	0.14	44	10	16	10
JM RC-35-07	378	380	107800 EXT		0.25	0.7	6.77	36	210	1.1	2	0.05	0.7	24	6	3330	2.66	2.25	0.21	56	37	0.18	7	490	26	2.12	5	47	0.17	54	10	15	10
JM RC-35-07	380	382	107801 EXT		0.158	0.6	7.61	109	300	1.3	2	0.11	1.8	25	4	3240	4.12	2.57	0.16	55	62	0.29	4	1080	58	4.44	6	88	0.15	57	10	14	30
JM RC-35-07	382	384	107802 EXT		0.168	0.7	7.61	15	290	1.7	3	0.07	0.8	25	5	3440	1.7	1.97	0.23	49	43	0.24	6	470	11	1.41	5	47	0.29	46	10	41	10
JM RC-35-07	384	386	107803 EXT		0.31	1	7.64	18	210	1.4	3	0.06	1.1	25	7	3480	2.26	1.58	0.25	74	35	0.16	6	460	21	1.4	5	69	0.21	54	10	53	10
JM RC-35-07	386	388	107804 ORG		0.212	1.1	7.39	17	250	1.6	2	0.17	1.6	16	5	3450	2.4	2.1	0.23	67	48	0.46	8	630	33	2.91	6	60	0.16	61	10	35	10
JM RC-35-07	388	390	107805 EXT		0.234	0.5	7.3	13	170	1.1	2	0.15	4.2	17	4	2680	1.96	1.64	0.21	68	47	1.51	8	660	8	1.22	5	29	0.2	48	10	46	10
JM RC-35-07	390	392	107807 EXT		0.279	0.7	7.77	20	160	1.3	3	0.12	0.5	12	4	3460	2.42	2.13	0.27	79	75	1.87	10	840	12	1.62	5	45	0.19	59	10	51	10
JM RC-35-07	392	394	107808 EXT		0.25	0.5	6.6	15	240	1.5	2	0.05	0.5	14	6	3160	2.04	2.1	0.22	63	38	0.89	6	440	6	1.56	5	38	0.16	51	10	36	10
JM RC-35-07	394	396	107809 EXT		0.22	0.5	7.53	31	210	1.3	2	0.04	0.5	11	7	3630	1.97	1.57	0.19	57	31	0.54	5	430	18	1.66	5	74	0.23	50	10	34	10
JM RC-35-07	396	398	107810 EXT		0.363	0.6	6.5	21	260	1.4	2	0.07	0.5	13	7	4300	2.53	2.16	0.25	63	48	0.39	7	530	8	2.03	5	53	0.15	54	10	15	10
JM RC-35-07	398	400	107811 EXT		0.219	0.5	6.52	20	250	1.2	2	0.06	0.5	11	7	3100	2.38	1.85	0.16	44	47	0.43	6	460	3	2.63	5	105	0.16	44	10	15	10
JM RC-35-07	0	2	107812 EXT		0.084	0.5	5.39	32	970	0.5	2	0.15	0.5	1	11	110	3	2.48	0.34	54	15	0.18	2	920	15	0.22	5	356	0.2	140	10	15	10
JM RC-34-07	2	4	107813 EXT		0.156	0.5	7.91	16	810	0.5	2	0.19	0.5	1	12	95	2.56	2.14	0.35	43	78	0.13	2	1100	15	0.38	5	335	0.22	136	10	12	10
JM RC-34-07	4	6	107814 EXT		0.084	0.5	6.91	14	710	0.5	3	0.11	0.5	1	13	138	5.12	2.29	0.72	18	45	0.08	4	730	5	0.16	5	228	0.32	141	10	21	20
JM RC-34-07	6	8	107815 EXT		0.144	0.5	7.98	11	730	0.5	5	0.11	0.5	1	15	124	4.08	2.45	0.45	28	60	0.11	3	830	6	0.19	5	232	0.3	140	10	31	20
JM RC-34-07	8	10	107816 EXT		0.124	0.5	8.37	14	660	0.5	2	0.11	0.5	1	14	112	4.51	2.46	0.67	40	28	0.12	4	860	6	0.16	5	437	0.24	148	10	25	20
JM RC-34-07	10	12	107817 EXT		0.154	0.5	6.6	16	710	0.5	2	0.14	0.5	1	14	98	2.27	2.58	0.26	18	25	0.12	2	1320	12	0.27	5	436	0.39	146	10	15	10
JM RC-34-07	12	14	107818 EXT		0.115	0.5	6.84	14	1650	0.6	2	0.15	0.5	1	16	61	2.77	2.57	0.23	21	55	0.16	4	1430	23	0.41	5	616	0.29	146	10	8	10
JM RC-34-07	14	16	107819 EXT		0.226	0.5	9.14	32	940	0.5	6	0.13	0.5	1	17	79	3.62	2.36	0.34	73	57	0.15	3	1170	17	0.53	5	479	0.32	154	10	11	10
JM RC-34-07	16	18	107820 EXT		0.169	0.5	8.15	29	570	0.5	4	0.14	0.5	1	19	157	4.6	2.46	0.53	29	33	0.13	3	1270	12	0.34	5	487	0.39	147	10	12	10
JM RC-34-07	18	20	107821 ORG		0.161	0.5	7.99	16	470	0.6	4	0.19	0.5	1	18	180	4.62	2.66	0.57	21	39	0.13	3	1770	13	0.27	5	548	0.28	153	10	20	10
JM RC-34-07	20	22	107823 EXT		0.147	0.5	8.37	20	480	0.6	2	0.2	0.5	1	18	146	9.56	2.26	0.24	18	43	0.13	1	1040	12	0.29	5	542	0.28	153	10	8	10
JM RC-34-07	22	24	107824 EXT		0.166	0.5	8.08	11	460	0.6	4	0.18	0.5	1	24	204	5.04	2.42	0.49	26	46	0.13	3	1710	13	0.3	5	567	0.28	166	10	17	10
JM RC-34-07	24	26	107825 EXT		0.112	0.5	8.57	7	450	0.5	3	0.14	0.5	1	18	206	9.52	2.45	0.52	24	44	0.1	4	1270	5	0.23	5	450	0.28	155	10	14	10
JM RC-34-07	26	28	107826 EXT		0.119	0.5	8.57	10	410	0.5	3	0.14	0.5	1	20	213	5.31	2.42	0.42	25	34	0.12	3	1570	10	0.26	5	491	0.27	162	10	25	10
JM RC-34-07	28	30	107827 EXT		0.153	0.9	8.16	12	440	0.7	4	0.19	0.5	1	16	175	5	2.21	0.66	43	54	0.13	4	1530	5	0.25	5	391	0.27	153	10	34	10
JM RC-34-07	30	32	107828 EXT		0.139	0.5	8.68	13	480	0.6	3	0.14	0.5	2	19	224	4.81	2.46	0.67	30	37	0.14	6	1350	9	0.24	5	421	0.29	158	10	26	10
JM RC-34-07	32	34	107829 EXT		0.122	0.5	8.09	4	470	0.5	4	0.14	0.5	1	15	472	4.54	2.44	0.66	27	50	0.13	7	1290	9	0.66	5	423	0.3	150	10	39	10
JM RC-34-07	34	36	107830 EXT		0.154	0.6	7.91	16	466	0.5	3	0.12	0.5	1	8	145	2.54	2.75	0.19	16	41	0.11	1	1670	5	0.66	5	334	0.2	95	10	4	10
JM RC-34-07	36	38	107831 EXT		0.192	0.8	7.76	35	740	0.5	3	0.11	0.5	7	6	85	2.91	2.96	0.15	25	63	0.11	3	1050	12	1.58	5	260	0.19	86	10	7	10
JM RC-34-07	38	40	107832 EXT		0.184	0.7	6.15	21	700	0.6	3	0.14	0.5	5	7	95	2.31	3.14	0.19	39	57	0.12	5	1260	10	0.66	5	348	0.34	86	10	12	10
JM RC-34-07	40	42	107833 ORG		0.213	0.6	7.3	12	660	0.6	3	0.12	0.5	7	6	53	2.49	2.73	0.15	27	54	0.1	5	1020	17	1.28	5	261	0.2	58	10	10	10
JM RC-34-07	42	44	107835 EXT		0.301	2.3	6.96	11	430	0.5	4	0.11	0.5	12	6	883	3.19	2.77	0.15	27	88	0.1	6	870	10	2.91	8	226	0.18	52	10	13	40
JM RC-34-07	44	46	107836 EXT		0.164	1.5	6.9	31	360	0.5	3	0.11	0.5	10	6	1440	3.49	2.79	0.13	34	28	0.09	5	970	10	2.91	8	228	0.16	53	10	12	40
JM RC-34-07	46	48	107837 EXT		0.145	0.6	7.17	45	380	0.5	3	0.11	0.5	11	6	1430	3.67	2.83	0.15	32	44	0.09	6	1010	17	3.02	5	311	0.16	57	10	6	10
JM RC-34-07	48	50	107838 EXT		0.205	2	7.36	32	170	0.5	3	0.12	0.5	13	6	3050	4.68	2.84	0.22	24	68	0.09	6	1050	11	4.08	5	240	0.17	63	10	11	10
JM RC-34-07	50	52	107839 EXT		0.161	1.5	7.78	17	700	0.5	3	0.1	0.5	6	13	2200	3.64	3.75	0.86	34	48	0.87	7	920	9	1.3	5	308	0.31	87	10	16	10
JM RC-34-07	52	54	107840 EXT		0.231	2.2	7.12	16	650	0.5	3	0.1	0.5	6	14	3700	3.66	3.72	0.87	26	41	0.87	8	830	10	2.46	5	348	0.32	91	10	27	10
JM RC-34-07	54	56	107841 EXT		0.245	2.3	6.56	19	630	0.5	2	0.1	0.5	6	15	3660	4.08	3.21	0.58	34	56	0.88	9	880	8	1.78	5	400	0.32	67	10	26	10
JM RC-34-07	56	58	107842 EXT		0.198	1.2	7.45	15	750	0.5	2	0.1	0.5	14	6	1710	5.38	3.53	0.34	34	111	0.89	6	980	22	4.48	5	361	0.16	54	10	13	10
JM RC-34-07	58	60	107843 EXT		0.306	1.1	9.01	15	270	0.5	2	0.05	0.5	8	4	3730	3.37	2.71	0.14	23	70	0.08	4	540	16	3.08	10	291	0.12	42	10	8	30
JM RC-34-07	60	62	107844 EXT		0.199	0.6	7.08	10	220	0.5	2	0.06	0.5	12	7	2260	4.26	2.73	0.12	26	114	0.08	5	760	30	4.14	5	225	0.14	46	10	8	10
JM RC-34-07	62	64	107845 EXT		0.245	0.6	8.32	24	150	0.5	2	0.05	0.5	9	9	1020	4.25	2.94	0.08	29	50	0.07	4	520	43	3.83	5	188	0.08	30	10	34	20
JM RC-34-07	64	66	107846 EXT		0.144	0.5	8.31	20	130	0.5	4	0.05	0.5	10	7	297	4.71	1.7	0.05	58	44	0.08	5	600	60	4.6	5	282	0.07	30	10	8	10
JM RC-34-07	66	68	107847 EXT		0.248	0.6	7.4	29	600	0.5	3	0.09	0.5	10	10	2360	3.93	2.79	0.22	21	70	0.08	7	740	133	2.84	5	355	0.16	73	10	14	10
JM RC-34-07	68	70	107848 EXT		0.28	1	7.36	37	780	0.5	3	0.07	0.5	12	15	3670	3.24	2.72	0.37	24	52	0.08	6	710	230	2.19	5	364	0.23	98	10	23	10
JM RC-34-07	70	72	107849 EXT		0.31	1.4	8.21	38	830	0.5	3	0.08	0.5	10	7	3570	2.72	3.2	0.25

BCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-34-07	160	162	1078985 EXT		0.184	1.3	6	235	380	0.5	2	8.04	0.5	3	6	2110	3.1	1.85	0.67	28	45	0.07	4	400	31	3.05	38	191	0.07	27	10	34	150
JM RC-34-07	162	164	1078986 EXT		0.239	2.4	8.71	83	360	0.5	2	8.06	0.5	14	81	3458	4.31	2.61	0.79	29	66	0.12	24	1010	24	2.44	19	333	0.4	142	10	29	19
JM RC-34-07	164	166	1078987 EXT		0.256	1.6	8.36	52	350	0.5	2	8.06	0.5	21	42	2352	3.63	2.66	0.62	25	36	0.16	23	800	21	3.29	5	418	0.34	135	10	21	15
JM RC-34-07	166	168	1078988 EXT		0.226	1.3	8.11	116	370	0.5	2	8.04	0.5	13	12	2500	3.2	2.77	0.1	29	64	0.09	6	470	29	3.25	6	315	0.06	48	10	13	20
JM RC-34-07	168	170	1078989 ORG		0.129	1	6.58	85	350	0.5	2	8.03	1	10	10	757	2.8	2.33	0.07	26	75	0.11	5	450	36	3.53	20	171	0.07	54	10	27	70
JM RC-34-07	170	172	1078971 EXT		0.17	0.8	6.57	148	130	0.5	2	8.03	1.3	11	8	1858	3.91	2.36	0.09	26	75	0.11	5	400	41	4.48	29	179	0.07	42	10	47	130
JM RC-34-07	172	174	1078972 EXT		0.209	0.5	5.48	79	320	0.5	2	8.03	0.5	11	4	1788	3.63	2.09	0.07	29	101	0.08	5	340	34	3.56	7	164	0.08	16	10	13	30
JM RC-34-07	174	176	1078973 EXT		0.156	0.5	5.7	342	360	0.5	5	8.03	0.5	10	5	1220	2.96	1.99	0.06	36	182	0.09	5	360	34	5	19	193	0.05	20	10	14	60
JM RC-34-07	176	178	1078974 EXT		0.224	0.5	5.53	53	130	0.5	3	8.03	0.5	12	5	1580	3.06	1.51	0.08	32	115	0.07	8	360	26	3.63	5	196	0.05	17	10	9	30
JM RC-34-07	178	180	1078975 EXT		0.219	0.8	5.96	164	140	0.5	2	8.03	0.5	10	5	2701	3.14	1.87	0.06	29	142	0.08	4	340	17	3.1	9	88	0.06	21	10	14	80
JM RC-34-07	180	182	1078976 EXT		0.296	0.5	5.95	17	420	0.5	2	8.03	0.5	7	6	3260	2.66	2.14	0.24	29	77	0.08	5	290	19	2.41	5	80	0.07	30	10	12	10
JM RC-34-07	182	184	1078977 EXT		0.323	0.7	5.62	34	430	0.5	2	8.03	0.5	9	4	5050	3.04	2.23	0.29	25	57	0.06	5	280	13	2.43	5	69	0.07	19	10	11	10
JM RC-34-07	184	186	1078978 EXT		0.504	0.6	5.85	337	290	0.5	3	8.03	0.5	14	4	6143	3.13	2.22	0.12	27	58	0.1	5	329	12	3.24	5	96	0.07	28	10	7	10
JM RC-34-07	186	188	1078979 EXT		0.329	0.5	5.85	299	420	0.5	3	8.03	0.6	9	5	5340	3.13	2.41	0.12	29	69	0.1	3	350	14	3.24	5	81	0.07	27	10	7	50
JM RC-34-07	188	190	1078980 EXT		0.24	0.6	6.13	275	470	0.5	2	8.03	1.5	9	5	3400	2.38	2.3	0.19	21	49	0.09	5	320	19	2.34	8	147	0.08	23	10	81	100
JM RC-34-07	190	192	1078981 ORG		0.381	0.5	5.75	100	460	0.5	2	8.03	0.5	9	3	4340	2.81	2.23	0.2	27	69	0.08	4	290	19	2.46	5	98	0.07	24	10	16	30
JM RC-34-07	192	194	1078983 EXT		0.501	0.5	5.8	37	420	0.5	3	8.02	0.5	10	4	4430	2.8	2.52	0.14	25	73	0.08	4	280	12	2.72	5	74	0.08	21	10	6	10
JM RC-34-07	194	196	1078984 EXT		0.286	0.5	6.99	80	360	0.5	2	8.03	0.5	12	5	4230	3.13	2.46	0.13	36	139	0.11	5	370	17	3.21	5	139	0.09	30	10	14	50
JM RC-34-07	196	198	1078985 EXT		0.54	0.9	6.07	452	360	0.5	2	8.03	1	11	5	5458	3.18	2.26	0.09	30	73	0.12	4	330	17	3.5	19	168	0.06	23	10	71	1070
JM RC-34-07	198	200	1078986 EXT		0.253	0.6	5.92	204	390	0.5	2	8.02	1.7	10	4	1730	3.04	2.37	0.1	28	48	0.1	4	320	15	3.31	15	114	0.06	20	10	64	330
JM RC-34-07	200	202	1078987 EXT		0.213	0.5	6.17	130	330	0.5	3	8.02	0.5	13	4	3230	3.13	2.42	0.14	27	42	0.13	4	360	11	3.34	5	149	0.06	24	10	9	40
JM RC-34-07	202	204	1078988 EXT		0.417	0.8	5.77	818	340	0.5	3	8.02	1.9	14	6	6220	2.98	2.41	0.13	33	67	0.12	6	330	13	3.14	5	87	0.07	30	10	11	20
JM RC-34-07	204	206	1078989 EXT		0.243	0.5	6.16	136	270	0.5	2	8.03	0.6	10	6	4240	2.98	2.53	0.12	35	105	0.26	5	360	15	3.2	5	144	0.08	30	10	12	10
JM RC-34-07	206	208	1078990 EXT		0.466	0.7	5.47	466	370	0.5	2	8.02	1.7	9	3	7030	2.16	2.27	0.12	37	87	0.12	4	330	7	3.17	5	83	0.06	28	10	15	30
JM RC-34-07	208	210	1078991 EXT		0.242	0.5	5.92	214	360	0.5	2	8.04	1.3	7	3	4540	1.96	2.14	0.09	36	66	0.16	4	340	30	3.14	9	212	0.05	34	10	17	70
JM RC-34-07	210	212	1078992 EXT		0.249	0.5	5.74	415	360	0.5	2	8.04	0.6	10	6	4458	2.84	2.02	0.08	37	111	0.2	6	340	13	3.24	6	236	0.05	48	10	15	20
JM RC-34-07	212	214	1078993 EXT		0.441	0.8	5.98	252	380	0.5	2	8.04	0.5	8	4	5278	2.91	2.21	0.1	36	88	0.16	6	430	12	3.46	5	188	0.06	37	10	11	10
JM RC-34-07	214	216	1078994 EXT		0.551	1.1	6.2	40	420	0.6	3	8.05	0.5	15	10	4858	2.17	3.08	0.24	33	67	0.25	13	540	13	1.93	5	218	0.3	90	10	13	10
JM RC-34-07	216	218	1078995 EXT		0.601	0.9	6.6	15	370	1.4	3	8.06	0.5	12	17	5430	2.3	2.92	0.34	42	106	0.32	16	660	12	1.6	5	272	0.36	96	10	16	10
JM RC-34-07	218	220	1078996 EXT		0.369	1	10.95	14	360	1.3	3	8.05	0.5	12	17	4360	1.86	2.8	0.2	29	77	0.6	19	810	13	2.82	5	218	0.25	101	10	16	10
JM RC-34-07	220	222	1078997 EXT		0.429	0.9	9.78	21	390	1.1	2	8.06	0.5	10	14	5030	1.72	2.84	0.23	30	108	0.34	17	730	9	2.02	5	325	0.23	98	10	16	10
JM RC-34-07	222	224	1078998 EXT		0.198	0.9	9.25	202	250	0.8	3	8.07	0.5	9	14	3320	3.11	2.98	0.36	35	54	0.33	10	780	18	3.6	6	347	0.17	109	10	18	70
JM RC-34-07	224	226	1078999 EXT		0.198	0.8	8.52	542	280	0.9	3	8.07	0.5	9	14	3350	3.35	2.48	0.33	28	98	0.32	9	650	15	4.24	9	251	0.15	101	10	14	80
JM RC-34-07	226	228	1079000 EXT		0.174	0.7	6.98	306	360	0.6	2	8.07	0.5	7	15	3840	2.89	2.72	0.33	32	63	0.28	12	580	14	3.27	5	264	0.18	105	10	14	70
JM RC-34-07	228	230	1079001 EXT		0.195	0.8	8.2	142	360	0.9	3	8.05	0.5	14	15	3260	3.15	2.7	0.22	33	62	0.4	18	810	30	4.08	11	205	0.11	116	10	12	50
JM RC-34-07	230	232	1079002 EXT		0.157	0.9	9	66	290	1.2	2	8.07	0.5	17	14	5120	3.06	2.67	0.48	30	65	0.2	22	640	13	3.2	5	67	0.21	105	10	18	40
JM RC-34-07	232	234	1079003 EXT		0.34	0.6	8.82	189	270	1.4	2	8.07	0.5	16	15	5300	3.82	2.97	0.95	51	95	0.14	29	660	10	3.84	5	44	0.23	106	10	31	140
JM RC-34-07	234	236	1079004 EXT		0.413	0.8	9.76	11	290	2.3	2	8.06	0.5	29	15	3780	3.19	2.61	0.84	96	94	0.19	43	810	5	1.75	5	58	0.23	102	10	36	10
JM RC-34-07	236	238	1079005 EXT		0.317	1	9.79	9	280	2.1	4	8.06	0.5	14	16	3180	3.51	2.69	0.62	184	69	0.17	33	860	10	1.81	5	149	0.21	133	10	28	10
JM RC-34-07	238	240	1079006 ORG		0.263	0.8	8.8	12	420	1.5	4	8.05	0.8	15	13	2990	3.32	2.67	0.82	170	74	0.14	29	850	44	1.87	5	343	0.15	120	10	74	10
JM RC-34-07	240	242	1079008 EXT		0.398	1	7.95	7	320	1.2	2	8.03	0.8	14	11	4500	2.6	2.45	1.44	288	91	0.18	20	410	8	1.34	5	85	0.13	84	10	84	10
JM RC-34-07	242	244	1079009 EXT		0.35	0.7	8.59	11	280	1.3	2	8.05	0.8	11	13	5660	3.4	2.75	1.36	388	90	0.15	20	540	16	1.14	5	92	0.16	117	10	91	10
JM RC-34-07	244	246	1079010 EXT		0.388	0.8	8.43	7	320	1.4	2	8.04	0.8	14	14	4230	4.87	2.9	1.24	336	108	0.15	18	450	19	1.1	5	100	0.23	122	10	68	10
JM RC-34-07	246	248	1079011 EXT		0.327	0.8	7.77	13	290	1.2	3	8.05	0.8	11	12	5730	3.79	2.58	0.54	60	120	0.16	16	540	17	2.46	5	229	0.11	84	10	48	30
JM RC-34-07	248	250	1079012 EXT		0.433	0.7	8.6	30	420	0.8	2	8.03	0.8	11	8	4860	2.8	2.04	0.66	97	60	0.1	17	580	8	2.06	5	88	0.06	63	10	44	10
JM RC-34-07	250	252	1079013 EXT		0.314	0.7	6.53	11	530	0.8	2	8.03	0.5	12	4	4270	2.61	2.52	0.45	60	66	0.1	12	430	7	2.01	5	87	0.06	33	10	39	10
JM RC-34-07	252	254	1079014 EXT		0.28	0.7	5.46	10	350	0.7	2	8.02	0.5	11	3	4600	2.85	2.05	0.29	41	77	0.06	8	540	7	2.08	5	88	0.04	32	10	23	10
JM RC-34-07	254	256	1079015 EXT		0.317	0.8	5.55	5	340	0.7	2	8.02	0.5	12	3	4540	2.87	1.99	0.38	47	55	0.06	10	300	4	2.02	5	64	0.04	29	10	23	10
JM RC-34-07	256	258	1079016 EXT		0.398	0.8	8.24	7	320	1.4	4	8.04	0.5	17	34	2990	4.79	2.52	2.81	462	56	0.12	44	1160	6	1.06	6	131	0.27	128	10	134	10
JM RC-34-07	258	260	1079017 EXT		0.267	0.5	6.37	10	290	1.4	2	8.04	2.1	16	10	2950	3.62	2.71	1.64	270	99	0.16	21	480	9	2.4	6	78	0.12	85	10	62	70
JM RC-34-07	260	262	1079018 EXT		0.386	0.5	7.21	4	440	1.1	2	8.03	0.5	14	9	4580	4.2	2.45	1.59	367	51	0.11	16	480	6	1.71	5	89	0.1	86	10	49	50
JM RC-34-07	262	264	1079019 EXT		0.257	0.5	8.98	6	270	1.4	2	8.05	0.5	15	20	2030	4.61	2.44	2.24	299	37	0.14	27	510	18	1.34	5	82	0.31	138	10	86	40
JM RC-34-07	264	266	1079020 EXT		0.539	1	7.15	7	360	1.4	2	8.05	0.5	19	12	5270	3.79	2.43	0.76	124	36	0.11	36	600	7	2.38	5	87	0.11	94	10	48	40
JM RC-34-07	266	268	1079021 EXT		0.353	0.8	8.91	10	270	1	2	8.04	0.5	15	9	5860	3.61	2.33	0.39	53	43	0.1	16	430	15	3.6	5	104	0.04	31	10	26	40
JM RC-34-07	268	270	1079022 EXT		0.597	0.8	8.04	10	480	1.2	2	8.05	1	12	22	6010	3.91	2.52	0.91	116	79	0.13	37	470	5	1.84	5	79	0.11	72	10	52	30
JM RC-34-07	270	272	1079023 EXT		0.892	0.7	7.44	15	360	0.9	3	8.06	0.5	20	15	9530	2.98	2.48	0.3	34	42	0.14	23	600	18	2.73	5	173	0.08	62	10	14	40
JM RC-34-07	272	274	1079024 EXT		0.293	0.7	6.82	104	330	0.6	2	8.04	0.5	9	10	4110	2.65	2.11	0.14	44	50	0.07	11	440	11	3.05	11	145	0.08	53	10	18	230
JM RC-34-07	274	276	1079025 EXT		0.639	1.6	6.67	60	430	0.6	2	8.04	0.5	17	15	7760	3.12	2.79	0.21	27	59	0.13	11	610	11	2.25	5	135	0.07	60	10	19	550
JM RC-34-07	276	278	1079026 ORG		0.419	1	9.91	17	460	0.8	2	8.05	0.5	11	11	6170	2.5	2.54	0.42	37	66	0.14	8	560	8	2.48	5	127	0.07	63	10	27	120
JM RC-34-07	278	280	1079028 EXT		0.263	0.6	7.99	17	460	1.1	2	8.05	0.5	22	12	6810	3	2.33	0.58	43	192	0.24	13	560	15	2.01	5	164	0.04	48	10	36	30
JM RC-34-07	280	282	1079029 EXT		0.547	1.5	5.84	19	270	0.8	2	8.05	1.3	8	5	6760	2.12	2.08	0.51	46	47	0.14	11	600	60	1.73	5	205	0.04	33	10	14	40
JM RC-34-07	282	284	1079030 EXT		0.679	5	5.97	340	340	0.6	2	8.03	4.9	27	4	6170	2.74	2.84	0.49	53	53	0.2	17	540	500	2.7	160	230	0.04	34	10	101	850
JM RC-34-07	284	286	1079031 EXT		0.438	1.1	5.78	19	480	0.6	2	8.02	0.5	10	2	6660	1.96	1.82	0.46	48	45	0.17	12	390	41	1.64	5	98	0.04	23	10	10	30
JM RC-34-07	286	288	1079032 EXT		0.273	1.3	9.63	23	430	1.7	2	8.14	0.5	16	12	5050	1.86	3.28	0.44	98	30	0.3	14	1870	37	1.66	29	825	0.23	115	10	50	70
JM RC-34-07	288	290	1079033 EXT		0.409	0.6	10.56	26	860	2.8	2	8.15	0.5	30	104	5740	3.06	3.74	0.52	85	93	0.31	30	1950	41	1.52	16	838	0.35	193	10	98	150
JM RC-34-07	290	292	1079034 EXT		0.44	1.3	9.33	8	560	2.8	2	8.09	0.5	34	9	6210	1.99	2.43	0.31	40	94	0.16	17	490	16	1.52	5	192	0.08	94	10	31	40
JM RC-34-07	292	294	1079035 EXT		0.409	0.8	6.36	21	650	0.9	2	8.03	0.8	29	3	5360	2.14	2.47	0.31	43	44	0.15	15	360	9	1.73	5	125	0.08	37	10	19	20
JM RC-34-07	294	296	1079036 EXT		0.498	1.6	6.68	33	330	1.1	2	8.01	1	13	14	6050	2.36	2.58	0.41	45	48	0.22	15	680	18	2.08	12	347	0.07	89	10	36	140
JM RC-34-07	296	298	1079037 EXT		0.539	1.6	5.3	19	290	0.6	2	8.03	0.9	13	3	7160	2.71	2.02	0.25	37	138	0.13	14	390	15	2.37	5	167	0.03	34	10	18	40
JM RC-34-07	298	300	1079038 EXT		0.183	2.1	5.31	15	190	0.7	2	8.03	1	14	2	6200	2.29	1.85	0.25	36	61	0.15	13	280	24	2.1	6	157	0.04	23	10	9	30
JM RC-34-07	300	302	1079039 EXT		0.983	1.1	6.43	31	560	1.5	2	8.04	0.8	17	29	32900	3.19	2.82	0.6	411	73	0.13	41	970	11	4.37	6	253	0.09	122	10	124	60
JM RC-34-07	302	304	1079040 EXT		0.346	1.5	6.6	25	440	1.2	2	8.05	0.5	15	8	5730	2.6	2.4	0.56	188	42	0.12	19	660	11	2.25	5	137	0.09	46	10	8	30
JM RC-34-07	304	306	1079041 ORG		0.282	1.8	5.23	16	360	1	2	8.02	0.8	11	8	9240	2.42	2.14	0.31	74	57	0.15	14	360	14	2.16	5	106	0.05	33	10	26	30
JM RC-34-07	306	308	1079043 EXT		0.305	2.1	5.97	13	530	1.2	2	8.02	0.8	10	1	14400	2.41	2.8	0.32	94	64	0.18	9	450	19	2.01	5	213	0.05	28	10	32	50
JM RC-34-07	308	310	1079044 EXT		0.458	2	6.21	27	650	1.4	2	8.03	0.8	34	3	10900	2.27	2.7	0.44	101	31	0.15	19	560	45	1.89	10	329	0.05	33	10	37	130
JM RC-34-07	310	312	1079045 EXT		0.476	4.8	6.37	65	430	1.5	2	8.05	2.1	14	4	11000	3.06	2.71	0.37	88	54	0.16	12	440	33	3.04	61	504	0.04	34	10	85	480
JM RC-34-07	312	314	1079046 EXT		0.388	2.6	8.05	45	680	1.8	2	8.04	5	9	5	6580	2.29	2.76	0.41	125	36	0.11	16	780	21	1.66	35	404	0.06	34	10	157	570
JM RC-34-07	314	316	1079047 EXT		0.388	1.6	6.48	34	390	1.5	2	8.03	0.6	9	6	5630	3.05	3.06	0.44	136	48	0.08	7	490	14	2.42	14	168	0.04	33	10	68	180
JM RC-34-07	316	318	1079048 EXT		0.676	3.8	9.09	23	300	1.4	2	8.03	0.7	11	6	12200	3.58	2.96	0.59	105	112	0.09	19	850	12	2.62	9	122	0.06	43	10	48	170
JM RC-34-07	318	320	1079049 EXT		0.259	1	6.68	16	640	1.6	2	8.03	0.5	9	6	5470	2.62	3.21	0.48	98	58	0.08	8	460	15	2.29	5	199	0.09	42	10	36	30
JM RC-34-07	320	322	1079050 EXT		0.736	1.4	7.04	39	310	1.5	2	8.03	1.7	15	9	4470	3.48	3.11	0.44	104	36	0.08	12	520	21	2.88	8	208	0.07	51	10	46	70
JM RC-34-07	322	324	1079051 EXT		1.245	1.7	6.38	33	430	1.6	2	8.03	0.5	11	6	6630	3.31	2.96	0.39	111	52	0.09	8	500	13	2.77	8	161	0.08	39	10	42	50
JM RC-34-07	324	326	1079052 EXT		1.09	1.5	6.63	23	360	1.5	2	8.03	0.6	14	7	4840	3.41	3.07	0.41	113	42	0.09	8	530	22	2.74	8	247	0.08	38	10	41	40
JM RC-34-07	326	328	1079053 EXT		0.661	1	6.77	21	760	1.5	3	8.04	0.8	14	7	5020	2.91	3.22	0.54	131	45	0.08	10	600	23	2.66	5	212	0.09	37	10	41	30
JM RC-34-07	328	330	1079054 EXT		0.334	0.5	6.62	35	640	1.5	3	8.05	0.5	16	7	5360	2.81	3.02	0.45	115	29	0.07	12	660	24	2.22	9	233	0.08	39	10	37	40
JM RC-34-07	330	332	1079055 ORG		0.252	2.7	5.91	117	600	1.2	3	8.05	3.4	10	9	7440	3.5	2.62	0.91	83	66	0.08	12	760	79	2.33	85	381	0.08	36	10	111	610
JM RC-34-07	332	334	1079057 EXT		0.358	1.3	7.59	16	330	1.5	2	8.06	1.5	13	22	4610	3.75	3.23	0.41	88	48	0.12	21	720	58	3.49	16	334	0.18	83	10	46	160
JM RC-34-07	334	336	1079058 EXT		0.364	0.6	6.99	23	300	1.5	2	8.04	0.8	13	10	5360	4.2	3.03	1.77	351	83	0.15	49	540	17	1.38	5	104	0.27	134	10	110	60
JM RC-34-07	336	338	1079059 EXT		0.561	1	6.54	30	470	2	2	8.04	0.5	15	20	4870	4.06	3.14	0.66	185	45	0.15	29	660	60	2.67	5	226	0.2	119	10	90	10
JM RC-34-07	338	340	1079060 EXT		0.364	0.9	6.48	18	630	1.8	2	8.03	0.8	13	14	5340	2.7	3.48	0.46	172	40	0.12	15	620	51	1.08	5	200	0.14	85	10	75	10
JM RC-34-07	340	342	1079061 EXT		0.469	1.1	7.36	30	460	1.4	2	8.05	3.8	18	7	6170	2.92	2.88	0.57	111	60	0.26	14	550	30	1.83	5	174	0.1	84	10	110	10
JM RC-34-07	342	344	1079062 EXT		0.578	1.4	7.72	40	540	1.4	2	8.05	1.8	14	43	6020	3.55	2.84	0.83	183	70	0.15	19	710	48	2.11	15	277	0.12	83	10	88	100
JM RC-34-07	344



RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cl_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-06-07	128	130	1080082	EXT	0.229	1.1	0.91	130	60	0.5	3	0.02	0.5	13	3	10	6	3660	3.51	2.08	0.08	15	79	0.1	2	350	13	4.28	5	128	0.07	21	10	9	30
JM RC-06-07	130	132	1080083	EXT	0.30	1.1	0.95	39	60	0.5	3	0.03	0.5	10	6	3660	4.35	2.48	0.13	41	44	0.11	2	340	15	5.05	5	83	0.06	18	10	8	30
JM RC-06-07	132	134	1080084	EXT	0.199	0.6	7.52	142	60	0.5	2	0.04	0.5	16	5	2360	4.03	1.81	0.05	17	74	0.16	2	620	20	5.68	5	247	0.05	35	10	7	20
JM RC-06-07	134	136	1080085	EXT	0.166	1.2	0.89	94	90	0.5	3	0.02	0.5	12	4	3440	4.28	2.1	0.09	36	84	0.1	3	360	16	4.97	5	115	0.05	32	10	4	30
JM RC-06-07	136	138	1080086	EXT	0.203	0.6	0.67	82	50	0.5	2	0.02	0.5	16	4	1250	4.19	1.56	0.05	45	45	0.09	3	410	19	4.82	5	160	0.04	22	10	5	10
JM RC-06-07	138	140	1080087	EXT	0.214	0.5	5.75	29	70	0.5	2	0.02	0.5	11	5	2040	3.98	1.74	0.08	16	42	0.09	1	330	13	4.4	5	116	0.06	16	10	5	20
JM RC-06-07	140	142	1080088	EXT	0.198	1.9	0.84	33	80	0.5	3	0.03	0.5	13	5	3970	3.45	2.72	0.15	17	41	0.09	2	230	12	3.74	5	83	0.1	22	10	9	30
JM RC-06-07	142	144	1080089	EXT	0.244	1	0.74	41	60	0.5	2	0.02	0.5	10	5	1970	3.92	2.1	0.1	40	55	0.1	1	370	21	4.46	5	197	0.07	24	10	9	20
JM RC-06-07	144	146	1080100	ORG	0.298	0.5	7.37	106	70	0.5	3	0.03	0.5	9	4	2930	3.46	2.48	0.13	15	50	0.11	1	420	11	4.63	5	253	0.06	25	10	8	10
JM RC-06-07	144	146	1080102	EXT	0.298	0.5	8.83	25	100	0.5	3	0.03	0.5	11	4	2280	4.05	2.07	0.1	13	50	0.1	1	450	12	4.97	5	257	0.07	26	10	6	10
JM RC-06-07	146	150	1080103	EXT	0.198	0.6	6.72	84	110	0.5	2	0.02	0.5	11	7	4950	3.7	2.08	0.15	37	50	0.1	2	290	10	3.94	5	88	0.06	34	10	10	10
JM RC-06-07	150	152	1080104	EXT	0.273	0.8	7.79	134	150	0.5	2	0.04	0.5	9	5	3830	2.64	2.57	0.12	18	102	0.15	4	470	11	3.74	5	354	0.06	53	10	8	10
JM RC-06-07	152	154	1080105	EXT	0.23	0.9	7.62	171	90	0.5	1	0.03	0.5	8	5	3660	3.33	2.36	0.13	40	47	0.11	2	430	19	4.66	5	232	0.07	29	10	9	20
JM RC-06-07	154	156	1080106	EXT	0.08	0.5	6.44	25	90	0.5	2	0.02	0.5	10	5	932	5.78	1.61	0.06	13	114	0.1	4	480	19	4.63	5	229	0.06	27	10	4	10
JM RC-06-07	156	158	1080107	EXT	0.31	1.3	8.33	114	90	0.5	2	0.01	0.5	16	5	3810	2.62	1.67	0.07	44	75	0.1	4	370	7	3.18	5	117	0.07	24	10	8	10
JM RC-06-07	158	160	1080108	EXT	0.28	0.7	6.56	91	70	0.5	2	0.02	0.5	12	5	3360	3.14	2.02	0.09	14	160	0.11	2	370	15	3.9	5	130	0.07	27	10	7	20
JM RC-06-07	160	162	1080109	EXT	0.253	0.7	6.64	31	70	0.5	2	0.02	0.5	16	5	2260	3.53	2.26	0.12	38	71	0.1	1	360	12	3.82	5	156	0.06	25	10	7	20
JM RC-06-07	162	164	1080110	EXT	0.33	2.1	8.64	6	80	0.5	7	0.02	0.5	16	5	6970	3.3	2.66	0.18	18	56	0.11	3	380	7	3.91	5	69	0.08	19	10	2	20
JM RC-06-07	164	166	1080111	EXT	0.35	1.8	9.73	20	120	0.5	3	0.03	0.5	8	4	3460	3	2.44	0.13	38	61	0.1	2	320	4	3.21	5	95	0.07	21	10	6	20
JM RC-06-07	166	168	1080112	EXT	0.174	0.8	7.06	103	80	0.5	6	0.01	0.5	7	5	3550	3.02	2.45	0.1	14	66	0.12	1	360	9	3.58	5	132	0.07	28	10	7	40
JM RC-06-07	168	170	1080113	EXT	0.197	1	6.28	122	150	0.5	3	0.03	0.5	7	6	3260	2.89	2.38	0.13	36	141	0.1	2	300	19	2.96	5	106	0.08	32	10	11	110
JM RC-06-07	170	172	1080114	EXT	0.09	0.5	5.83	32	100	0.5	2	0.02	0.5	16	6	817	3.03	1.51	0.06	56	85	0.06	3	360	19	3.73	5	161	0.06	46	10	7	30
JM RC-06-07	172	174	1080115	ORG	0.097	0.5	7.38	56	150	0.5	3	0.02	0.5	24	4	1320	2.99	2.64	0.11	36	94	0.13	7	360	20	2.99	5	167	0.08	34	10	7	40
JM RC-06-07	174	176	1080117	EXT	0.088	0.5	6.28	53	230	0.5	2	0.01	0.5	16	5	819	2.88	2.02	0.07	36	56	0.12	6	250	13	1.93	5	87	0.08	16	10	6	30
JM RC-06-07	176	178	1080118	EXT	0.758	1.1	6.91	134	160	0.5	2	0.01	0.5	16	4	3660	2.69	2.48	0.14	43	83	0.1	6	270	15	2.91	5	80	0.07	14	10	7	60
JM RC-06-07	178	180	1080119	EXT	0.167	0.7	6.91	113	130	0.5	2	0.02	0.5	16	6	1795	3.22	2.12	0.06	45	69	0.12	5	420	23	3.33	5	105	0.08	25	10	7	40
JM RC-06-07	180	182	1080120	EXT	0.566	1.9	6.1	325	130	0.5	2	0.02	0.5	16	3	4260	3.11	2.32	0.12	36	65	0.11	2	360	24	3.24	5	88	0.07	30	10	8	70
JM RC-06-07	182	184	1080121	EXT	0.268	1.6	6.72	229	220	0.5	2	0.03	0.5	12	10	4120	3.1	2.51	0.13	52	84	0.13	7	340	32	3.45	5	123	0.08	27	10	13	60
JM RC-06-07	184	186	1080122	EXT	0.262	0.8	6.96	87	150	0.5	2	0.02	0.5	12	6	5400	3.57	2.66	0.15	47	83	0.14	6	330	38	3.82	5	75	0.07	24	10	10	50
JM RC-06-07	186	188	1080123	EXT	0.309	1	5.89	85	140	0.6	2	0.04	0.5	11	12	5030	3.34	2.29	0.21	63	52	0.22	6	320	46	3.38	5	73	0.08	24	10	14	80
JM RC-06-07	188	190	1080124	EXT	0.282	0.9	6.37	68	160	0.6	2	0.03	0.5	9	77	3910	2.78	2.23	0.19	57	46	0.14	4	280	39	2.68	5	54	0.08	24	10	12	80
JM RC-06-07	190	192	1080125	EXT	0.241	1.2	6.98	73	260	0.7	2	0.02	0.5	9	10	3110	2.24	2.62	0.2	50	49	0.13	5	250	59	3.2	5	54	0.07	24	10	16	40
JM RC-06-07	192	194	1080126	EXT	0.271	1.2	6.68	344	110	0.6	2	0.02	0.5	10	5	3670	3.22	2.42	0.14	44	59	0.15	4	260	110	3.09	5	54	0.07	35	10	14	40
JM RC-06-07	194	196	1080127	EXT	0.33	1.2	6.91	116	140	0.6	2	0.02	0.5	17	4	6410	2.97	2.2	0.16	93	58	0.12	6	260	191	2.88	10	52	0.07	23	10	15	50
JM RC-06-07	196	198	1080128	EXT	0.473	4	5.82	294	200	0.5	2	0.02	0.5	13	9	7660	3.7	2.4	0.15	57	61	0.19	9	300	252	3.45	48	84	0.08	34	10	44	150
JM RC-06-07	198	200	1080129	ORG	0.371	4.3	6.41	354	100	0.5	2	0.03	0.8	7	5	5660	3.65	2.41	0.13	261	69	0.29	4	330	377	4.36	29	143	0.08	43	10	78	100
JM RC-06-07	200	202	1080131	EXT	0.27	4.7	7.16	609	90	0.5	2	0.03	2.2	11	8	5900	3.91	2.27	0.14	74	59	0.36	6	350	157	4.82	97	139	0.08	47	10	111	110
JM RC-06-07	202	204	1080132	EXT	0.198	2	8.4	65	300	0.8	2	0.03	0.5	23	4	3900	3.21	2.11	0.13	81	66	0.29	4	240	62	3.83	19	66	0.08	77	10	23	30
JM RC-06-07	204	206	1080133	EXT	0.278	1.6	5.96	41	120	0.6	2	0.03	0.5	14	5	3460	2.71	1.8	0.15	57	49	0.14	9	210	60	2.64	5	58	0.08	21	10	9	30
JM RC-06-07	206	208	1080134	EXT	0.288	0.9	6.19	12	210	0.7	2	0.02	1.5	18	4	3290	2.95	2.53	0.17	45	36	0.12	6	200	58	2.58	5	47	0.08	20	10	11	20
JM RC-06-07	208	210	1080135	EXT	0.322	1.1	6.99	46	160	0.7	2	0.03	0.5	15	6	3460	3.38	2.56	0.19	74	43	0.19	9	210	47	3.04	5	55	0.08	21	10	14	20
JM RC-06-07	210	212	1080136	EXT	0.191	1	6.67	29	210	0.7	2	0.04	0.5	14	7	3050	2.34	2.51	0.18	33	34	0.14	7	160	42	2.11	5	45	0.07	21	10	12	20
JM RC-06-07	212	214	1080137	EXT	0.283	1.1	6.79	9	220	0.8	2	0.02	0.5	15	5	3640	2.42	2.33	0.14	42	46	0.15	9	270	35	2.17	5	44	0.08	19	10	16	20
JM RC-06-07	214	216	1080138	EXT	0.242	0.9	6.97	5	190	0.8	2	0.03	0.5	13	3	3660	2.75	2.16	0.14	56	44	0.15	6	220	23	2.44	5	46	0.08	18	10	17	20
JM RC-06-07	216	218	1080139	EXT	0.39	1.2	6.16	25	140	0.7	2	0.03	0.5	23	6	5470	3.22	2.66	0.19	54	63	0.14	12	240	25	3.29	5	80	0.08	23	10	12	30
JM RC-06-07	218	220	1080140	EXT	0.304	1.1	6.59	16	160	0.7	2	0.03	0.5	17	7	4680	3.61	2.36	0.15	89	55	0.15	9	250	36	3.25	7	52	0.07	25	10	11	30
JM RC-06-07	220	222	1080141	EXT	0.266	1.2	6.64	17	200	0.7	2	0.03	0.5	24	8	5160	3.11	2.15	0.14	66	66	0.2	19	290	30	3.11	5	57	0.07	32	10	14	30
JM RC-06-07	222	224	1080142	ORG	0.293	0.8	5.32	19	360	1	2	0.03	0.5	13	9	4910	2.3	2.27	0.18	47	60	0.22	7	250	17	2.21	5	57	0.14	37	10	12	30
JM RC-06-07	224	226	1080144	EXT	0.266	0.9	9.18	5	200	0.8	2	0.04	0.5	13	4	5270	2.36	1.99	0.13	39	55	0.18	8	230	13	2.36	5	40	0.07	24	10	11	20
JM RC-06-07	226	228	1080145	EXT	0.38	1	5.84	6	140	0.7	2	0.04	0.5	12	8	5160	2.57	1.84	0.11	43	68	0.15	7	300	11	2.56	5	54	0.06	31	10	11	20
JM RC-06-07	228	230	1080146	EXT	0.397	1	6.67	25	140	1	2	0.05	0.5	17	15	4450	2.47	1.96	0.12	91	57	0.24	13	330	12	2.9	5	61	0.12	43	10	13	20
JM RC-06-07	230	232	1080147	EXT	0.203	1.2	6.66	24	430	0.8	2	0.04	0.5	14	12	4630	2.26	1.92	0.12	66	47	0.15	13	300	15	2.21	5	82	0.08	35	10	15	20
JM RC-06-07	232	234	1080148	EXT	0.318	1.4	6.52	19	540	1.5	2	0.04	0.5	17	16	6140	2.64	2.57	0.17	37	57	0.18	21	450	13	3.5	5	105	0.1	54	10	19	30
JM RC-06-07	234	236	1080149	EXT	0.242	1	8.18	39	200	1.1	2	0.03	0.5	16	11	5360	3.06	3.52	0.18	42	85	0.24	19	480	16	3.15	5	169	0.11	46	10	12	30
JM RC-06-07	236	238	1080150	EXT	0.16	0.7	8	5	130	0.7	2	0.03	0.5	24	3	3660	3.76	2.22	0.12	31	317	0.17	4	310	19	3.61	5	61	0.07	36	10	10	30
JM RC-06-07	238	240	1080151	EXT	0.241	1.1	8.86	16	200	0.8	2	0.02	0.5	24	4	4730	3.48	3.48	0.15	38	96	0.15	10	360	8	3.33	5	80	0.08	34	10	9	20
JM RC-06-07	240	242	1080153	EXT	0.309	1.4	4	178	300	0.8	2	0.05	0.5	1	6	306	2.29	1.46	0.05	93	45	0.1	4	360	81	0.99	5	68	0.08	25	10	11	60
JM RC-06-07	242	244	1080154	EXT	0.293	2.1	8.98	61	280	0.9	2	0.03	0.5	15	4	4370	2.79	2.49	0.17	34	78	0.19	8	240	26	2.91	5	66	0.08	30	10	21	30
JM RC-06-07	244	246	1080154	ORG	0.229	1.1	7.11	30	380	0.9	2	0.03	0.5	9	4	4440	1.99	2.31	0.17	25	94	0.13	10	250	9	1.51	5	61	0.07	22	10	13	30
JM RC-06-07	246	248	1080156	EXT	0.196	0.8	6.68	16	240	1	2	0.02	0.5	17	3	4460	2.98	2.52	0.19	36	95	0.13	13	240	9	2.46	5	98	0.08	24	10	13	30
JM RC-06-07	248	250	1080157	EXT	0.179	0.8	7.12	16	260	1.1	2	0.03	0.5	14	1	4640	2.61	2.54	0.21	51	74	0.13	10	260	9	1.91	5	98	0.09	27	10	16	30
JM RC-06-07	250	252	1080158	EXT	0.203	0.9	6.71	34	180	0.9	2	0.03	0.5	19	2	4580	2.67	2.71	0.19	39	63	0.14	8	270	6	2.48	5	79	0.08	27	10	14	20
JM RC-06-07	252	254	1080159	EXT	0.344	2.7	6.41	23	200	1	2	0.03	0.6	12	6	5080	2.42	2.43	0.17	32	114	0.14	8	260	11	1.66	5	74	0.08	21	10	17	30
JM RC-06-07	254	256	1080160	EXT	0.49	0.9	6.54	9	340	1.1	2	0.02	0.5	15	1	4980	2.42	2.95	0.17	24	91	0.13	8	230	5	2.05	5	44	0.08	18	10	11	30
JM RC-06-07	256	258	1080161	EXT	0.215	0.7	6.75	14	210	1.0	2	0.03	0.5	13	3	4290	2.52	2.36	0.18	21	67	0.13	14	230	3	2.05	5	32	0.08	23	10	10	30
JM RC-06-07	258	260	1080162	EXT	0.194	1.6	8.7	6	660	1.9	2	0.03	1.2	11	8	5860	2.68	2.36	0.18	24	48	0.14	10	210	7	1.52	5	35	0.09	22	10	12	20
JM RC-06-07	260	262	1080163	EXT	0.197	0.6	9.27	27	430	1.1	2	0.03	0.5	13	1	5340	2.21	2.28	0.19	47	46	0.14	9	260	10	1.77	5	37	0.07	18	10	14	20
JM RC-06-07	262	264	1080164	EXT	0.191	0.5	6.5	12	190	1.1	2	0.02	0.6	21	1	3100	3.29	2.47	0.15	21	110	0.15	8	280	9	3.08	5	30	0.08	34	10	10	10
JM RC-06-07	264	266	1080166	EXT	0.348	0.6	7.39	12	560	1.3	2	0.03	0.5	11	3	3650	2.31	2.31	0.19	33	63	0.14	10	240	7	1.78	5	29	0.08	25	10	11	10
JM RC-06-07	266	268	1080168	EXT	0.21	0.7	7.72	7	580	1.6	2	0.04	0.5	20	2	3660	2.11	2.56	0.2	32	58	0.17	13	290	6	1.98	5	27	0.07	22	10	11	10
JM RC-06-07	268	270	1080167	EXT	0.241	0.7	7.23	11	660	1.5	2	0.03	0.5	24	1	3640	2.29	2.74	0.16	33	72	0.15	16	260	5	2.15	5	53	0.07	32	10	13	10
JM RC-06-07	270	272	1080168	EXT	0.162	0.6	9.56	23	470	1.3	2	0.03	0.5	16	8	5210	2.45	2.24	0.19	49	56	0.19	12	280	13	2.61	5	43	0.08	21	10	12	10
JM RC-06-07	272	274	1080169	EXT	0.157	0.6	6.46	25	370	1.2	2	0.03	0.5	13	3	3360	2.14	2.16	0.16	33	64	0.19	14	230	11	1.88	5	45	0.07	18	10	14	10
JM RC-06-07	274	276	1080170	EXT	0.138	0.5	9.49	11	390	1.2	2	0.03	0.5	13	2	3000	2.14	2.33	0.19	48	64	0.19	12	260	9	1.79	5	32	0.07	20	10	15	10
JM RC-06-07	276	278	1080171	EXT	0.116	0.5	7.11	22	370	1.2	2	0.03	0.5	16	3	2760	1.99	2.39	0.19	41	62	0.18	11	250	8	1.44	5	48	0.07	18	10	10	10
JM RC-06-07	278	280	1080172	EXT	0.252	0.7	7.05	13	350	1.7	2	0.04	1.6	29	5	3960	1.84	2.67	0.16	35	58	0.2	9	290	11	1.34	5	63	0.06	21	10	20	10
JM RC-06-07	280	282	1080173	EXT	0.144	0.6	7.66	13	260	1.5	2	0.03	0.5	13	4	3200	1.47	2.06	0.17	27	116	0.21	8	260	11	1.11	5	60	0.08	30	10	12	10
JM RC-06-07	282	284	1080174	EXT	0.149	1	8.79	179	290	1.3	2	0.04	0.5	22	2	3080	2.07	2.06	0.15	31	58	0.33	11	270	18	2.27	9	63	0.04	16	10	20	10
JM RC-06-07	284	286	1080175	EXT	0.112	1.5	6.27	814	160	1	2	0.03	1.8	11	3	5430	3.02	1.87	0.13	81	145	0.28	6	270	27	2.84	31	144	0.05	18	10	137	70
JM RC-06-07	286	288	1080176	ORG	0.168	0.9	8.7	39	340	1.3	2	0.02	0.5	14	3	5360	2.17	2.3	0.17	33	452	0.23	7	240	8	2.12	5	33	0.06	22	10	17	20
JM RC-06-07	288	290	1080178	EXT	0.142	0.9	9.39	15	250	1.2	2	0.02	0.5	14	4	3440	2.79	2.34	0.2	79	98	0.19	7	360	10	2.06	5	42	0.05	25	10	10	40
JM RC-06-07	290	292	1080179	EXT	0.234	1.5	6.54	266	270	1.4	2	0.03	0.5	11	9	3210	2.2	2.26	0.17	57	48	0.24	8	310	11	2.06	10	72	0.08	16	10	19	30
JM RC-06-07	292	294	1080180	EXT	0.156	1.4	6.62	210	190	1.2	2	0.02	0.5	12	8	3330	2.37	2.37	0.17	50	75	0.22	5	240	5	2.31	10	36	0.09	18	10	14	30
JM RC-06-07	294	296	1080181	EXT	0.139	1.4	7.91	14	230	1.6	2	0.02	0.5	16	13	3400	2.23	2.72	0.25	63	260	0.23	17	370	9	1.88	5	45	0.09	19	10	14	30
JM RC-06-07	296	298	1080182	EXT	0.197	2.3	6.73	150	220	1.2	2	0.02	1.3	17	6	3540	2.34	2.42	0.16	64	66	0.2	10	310	17	2.21	56	53	0.08	22	10	71	70
JM RC-06-07	298	300	1080183	EXT	0.13	1.5	5.64	355	210	0.7	2	0.03	0.5	11	8	3640	2.79	2.06	0.15	69	70	0.18	9	260	30	2.66	48	85	0.05	18	10	47	40
JM RC-06-07	300	302	1080184	EXT	0.253	1.1	8.75	86	200	0.7	2	0.03	0.5	6	5	3550	2.58	2.18	0.16	56	65	0.17	8	210	6	2.66	6	32	0.06	14	10	34	40
JM RC-06-07	302	304	1080185	EXT	0.257	1.1	5.88	20	220	0.8	2	0.02	0.5	8	4	3610	2.6	2.28	0.17	62	67	0.14	8	220	10	2.6	19	37	0.09	16	10	20	20
JM RC-06-07	304	306	1080186	EXT	0.226	1.3	5.82	23	230	0.8	2	0.02	0.5	10	4	3260	2.65	2.36	0.17	62	60	0.13	13	230	13	2.36	5	37	0.09	16	10	17	20
JM RC-06-07	306	308	1080187	EXT	0.226	2	8.41	40	390	0.8	2	0.03	0.6	16	12	3980	2.45	2.43	0.2	62	66	0.11	8	230	22	2.02	33	47	0.08	21	10	30	30
JM RC-06-07	308	310	1080188	EXT	0.315	4.5	5.6	204	210	0.6	2	0.02	2.3	12	9	4940	2.93	2.38	0.19	82	60	0.1	9	240	17	2.64	153	35	0.05	16	10	125	110
JM RC-06-07	310	312	1080189	EXT	0.188	2.2	5.36	109	190	0.7	2	0.02	1.1	31	13	641	3.73	2.28	0.17	98	151	0.1	14	230	16	3.66	62	40	0.05

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-06-07	342	344	106204 EXT		0.271	4.8	7.07	62	520	1.7	2	0.04	36.2	12	10	4090	1.73	2.66	0.33	95	78	0.14	6	340	33	1.63	48	47	0.07	36	10	145	80
JM RC-06-07	344	346	106207 EXT		0.199	2.8	5.82	145	380	1.1	2	0.03	5.6	16	16	3590	1.72	2.12	0.21	56	69	0.18	9	260	17	2.07	15	45	0.04	38	10	26	80
JM RC-06-07	346	348	106208 EXT		0.207	1.7	6.8	19	560	1.6	2	0.04	2.7	20	4	3750	1.62	2.37	0.29	91	118	0.2	12	320	6	1.91	5	46	0.04	38	10	23	80
JM RC-06-07	348	350	106209 EXT		0.156	2	6.49	660	310	1.5	2	0.07	1.5	34	20	3080	2.06	2.14	0.14	45	42	0.46	22	910	65	3.54	34	377	0.14	102	10	52	240
JM RC-06-07	350	352	106210 EXT		0.126	1.4	6.77	21	220	1.4	2	0.04	0.5	19	16	2250	1.8	2.31	0.26	72	172	0.2	13	380	5	1.4	11	29	0.08	36	10	20	20
JM RC-06-07	352	354	106211 EXT		0.134	2.8	7.52	45	290	1.5	2	0.06	3.6	6	6	2630	1.47	1.87	0.26	66	49	0.14	6	270	66	1.21	30	98	0.06	23	10	54	60
JM RC-06-07	354	356	106212 EXT		0.165	4.6	6.61	60	340	1.5	2	0.05	0.5	15	8	2840	1.82	2.21	0.27	76	184	0.13	16	260	56	1.29	166	36	0.06	23	10	36	40
JM RC-06-07	356	358	106213 EXT		0.143	1.5	6.66	29	720	1.7	2	0.03	1.1	16	13	3140	1.69	2.34	0.29	98	171	0.12	13	220	52	1.83	49	71	0.05	35	10	179	20
JM RC-06-07	358	360	106214 EXT		0.168	2.6	6.38	25	230	1.4	2	0.05	0.5	6	21	3360	1.9	1.56	0.29	79	114	0.2	16	340	30	1.97	19	30	0.05	43	10	78	30
JM RC-06-07	360	362	106215 EXT		0.203	1.4	7.28	25	270	1.6	2	0.05	1.9	11	19	3770	1.64	1.66	0.25	92	66	0.63	12	360	20	1.87	4	36	0.05	44	10	169	20
JM RC-06-07	362	364	106216 EXT		0.244	1.8	6.67	12	360	2.5	2	0.06	0.5	50	19	3560	1.43	2.06	0.29	66	113	0.22	18	670	6	1.42	5	29	0.15	82	10	94	90
JM RC-06-07	364	366	106217 EXT		0.162	1.3	5.62	7	460	1.4	2	0.03	0.5	23	9	3060	1.32	1.91	0.26	60	46	0.11	10	230	2	0.82	5	17	0.05	33	10	29	10
JM RC-06-07	366	368	106218 EXT		0.113	1.1	6.13	25	340	1.3	2	0.02	0.5	15	6	2430	1.06	1.79	0.23	79	71	0.11	6	180	15	1.48	14	17	0.06	22	10	26	10
JM RC-06-07	368	370	106219 EXT		0.114	1.9	6.13	14	340	1.8	2	0.03	0.5	7	9	2920	1.62	2.14	0.31	79	93	0.14	6	730	24	1.45	9	22	0.05	24	10	41	30
JM RC-06-07	370	372	106220 EXT		0.132	1	6.74	9	300	1.7	2	0.03	0.5	18	6	2720	1.59	2.12	0.3	76	117	0.12	7	300	6	1.2	6	21	0.07	35	10	27	10
JM RC-06-07	372	374	106221 EXT		0.086	1.2	5.41	9	200	1.2	2	0.04	0.5	11	7	1970	1.46	1.91	0.23	65	130	0.12	6	420	5	1.27	5	51	0.06	29	10	17	10
JM RC-06-07	374	376	106222 EXT		0.13	2.8	6.64	17	300	1.7	2	0.03	0.5	24	5	2750	2.72	2.43	0.33	86	72	0.19	6	430	7	2.4	6	29	0.04	18	10	22	10
JM RC-06-07	376	378	106223 EXT		0.208	3.2	6.18	52	340	1.8	3	0.04	0.5	12	4	3650	2.85	2.44	0.26	116	80	0.17	2	480	25	2.64	18	33	0.06	21	10	47	30
JM RC-06-07	378	380	106224 EXT		0.163	2.8	5.72	284	210	1.5	3	0.03	0.5	40	5	3230	2.52	2.16	0.23	109	181	0.14	11	310	28	3.73	20	37	0.04	23	10	45	30
JM RC-06-07	380	382	106225 EXT		0.156	3.1	7.18	118	250	2	2	0.03	1.3	30	6	3120	1.8	1.86	0.24	106	46	0.44	10	320	13	1.91	25	32	0.11	40	10	336	20
JM RC-06-07	382	384	106226 EXT		0.218	2.5	7.84	43	310	2.6	2	0.03	2.1	26	4	3260	1.83	2.05	0.23	91	63	0.3	31	660	6	1.83	10	26	0.14	47	10	130	30
JM RC-06-07	384	386	106227 ORG		0.1	2.2	6.88	5	1180	2.5	2	0.03	1.1	58	3	2610	1.6	3.17	0.35	126	42	0.23	38	360	5	1.8	10	39	0.1	44	10	114	20
JM RC-06-07	386	388	106228 EXT		0.12	4	5.95	56	460	1.6	3	0.03	0.5	14	4	2480	1.66	2.36	0.29	165	77	0.18	2	740	2	1.54	24	46	0.05	22	10	67	70
JM RC-06-07	388	390	106229 EXT		0.173	2.6	5.45	133	430	1.8	3	0.03	0.5	12	3	3770	1.63	2.29	0.22	70	76	0.19	3	280	36	1.86	23	29	0.05	20	10	387	160
JM RC-06-07	390	392	106231 EXT		0.302	1	7.74	16	710	2.5	2	0.05	0.5	28	12	3880	1.67	1.9	0.16	60	31	0.06	16	630	4	2.04	5	50	0.16	47	10	81	40
JM RC-06-07	392	394	106232 EXT		0.186	0.5	6.62	5	320	1.5	3	0.08	0.5	11	4	2460	1.4	1.64	0.22	60	17	0.43	2	330	14	1.23	5	43	0.06	29	10	102	10
JM RC-06-07	394	396	106233 EXT		0.239	1.2	6.38	15	540	1.7	2	0.05	1.7	7	4	3810	1.45	2.3	0.28	67	79	0.72	3	340	58	1.49	9	38	0.07	33	10	536	30
JM RC-06-07	396	398	106234 EXT		0.134	0.8	7.23	30	510	2.3	2	0.03	0.5	19	1	2760	1.46	2.31	0.22	54	36	0.52	4	580	14	1.86	5	54	0.13	46	10	136	130
JM RC-06-07	398	400	106235 EXT		0.138	2.5	6.5	12	590	2	4	0.03	0.5	14	2	1980	1.82	2.33	0.26	99	44	0.44	7	330	12	1.97	35	31	0.11	32	10	81	60
JM RC-06-07	400	402	106236 EXT		0.094	2.5	5.48	29	430	1.4	2	0.03	0.5	7	3	2610	1.6	3.17	0.35	126	42	0.23	38	360	5	1.8	10	39	0.1	44	10	114	20
JM RC-06-07	402	404	106237 EXT		0.237	0.5	6.14	11	400	1.4	2	0.02	0.5	9	4	1990	1.26	2.32	0.31	116	37	0.12	4	240	4	1.14	5	29	0.06	21	10	37	40
JM RC-06-07	404	406	106238 EXT		0.058	1.4	5.98	111	410	1.4	2	0.02	1.9	6	6	1440	1.72	2.53	0.23	78	36	0.09	1	300	34	1.67	11	58	0.04	21	10	200	240
JM RC-06-07	406	408	106239 EXT		0.076	1.1	7.46	5	360	2	2	0.03	0.5	16	4	1560	1.34	2.47	0.3	130	12	0.25	4	430	16	1.63	5	66	0.1	38	10	53	10
JM RC-06-07	408	410	106240 EXT		0.067	1	6.27	21	370	1.6	3	0.03	1.6	7	5	2160	1.6	2.58	0.22	99	25	0.08	1	310	34	1.86	10	62	0.07	23	10	260	640
JM RC-06-07	410	412	106241 EXT		0.273	2.1	6.91	5	750	1.9	2	0.04	1.9	6	5	3250	1.47	2.46	0.27	106	16	1.1	1	480	148	1.99	5	30	0.06	34	10	452	340
JM RC-06-07	412	414	106242 EXT		0.163	1.6	6.24	14	560	1.9	2	0.04	0.7	4	5	2260	1.53	2.56	0.3	86	26	0.22	3	330	17	1.28	11	51	0.06	35	10	204	90
JM RC-06-07	414	416	106243 EXT		0.061	0.8	6.14	16	520	2.3	2	0.3	0.9	11	9	1320	1.6	2.67	0.4	140	13	0.56	4	1020	16	0.96	12	73	0.13	58	10	344	40
JM RC-06-07	416	418	106244 EXT		0.066	0.5	6.44	14	480	2.2	2	0.05	0.6	11	3	1640	1.85	2.7	0.57	230	35	0.77	6	1260	14	1.45	14	98	0.15	57	10	396	30
JM RC-06-07	418	420	106245 EXT		0.852	0.5	5.39	21	460	2.3	2	0.37	0.5	10	3	980	2.84	2.91	0.81	181	75	0.57	6	980	6	2.1	19	74	0.14	84	10	265	20
JM RC-06-07	0	2	106246 EXT		0.302	1.3	4.18	142	360	0.5	2	0.05	0.5	1	8	245	2.14	1.45	0.49	84	44	0.1	4	540	107	0.44	5	100	0.06	26	10	12	60
JM RC-06-07	2	4	106247 EXT		0.415	3	4.8	65	310	0.5	2	0.05	0.5	1	8	114	2.64	1.74	0.06	91	45	0.11	7	400	63	1.16	9	95	0.05	26	10	15	50
JM RC-06-07	4	6	106248 EXT		0.379	0.8	5.95	39	490	0.5	2	0.06	0.5	2	4	100	2.47	2.1	0.07	98	61	0.11	4	540	167	0.65	5	134	0.07	36	10	17	20
JM RC-06-07	6	8	106249 EXT		0.618	1.5	6.15	21	600	0.5	2	0.05	0.5	2	4	80	2.49	2.22	0.1	71	51	0.1	4	520	174	0.98	5	161	0.05	30	10	18	20
JM RC-06-07	8	10	106250 EXT		0.266	1	5.22	27	510	0.5	2	0.04	0.5	1	4	58	2.06	2.09	0.09	66	51	0.1	4	460	143	1.24	5	191	0.05	26	10	14	20
JM RC-06-07	10	12	106251 ORG		0.499	0.8	4.98	29	340	0.5	2	0.07	0.5	1	3	50	3.89	1.92	0.08	83	54	0.11	2	760	126	1.19	5	232	0.05	48	10	11	10
JM RC-06-07	12	14	106253 EXT		0.531	1.2	7.49	16	660	0.5	2	0.09	0.5	1	22	66	3.87	2.15	0.14	67	27	0.14	4	980	67	1.4	5	256	0.23	83	10	16	20
JM RC-06-07	14	16	106254 EXT		0.525	1.3	6.31	22	640	0.6	2	0.09	0.5	1	34	97	3.19	2.33	0.15	47	36	0.14	3	820	56	0.79	5	205	0.25	74	10	16	20
JM RC-06-07	16	18	106255 EXT		0.984	1.5	6.85	11	660	0.6	2	0.05	0.5	1	35	79	2.86	2.37	0.14	69	31	0.12	4	660	83	0.78	5	174	0.14	69	10	10	20
JM RC-06-07	18	20	106256 EXT		0.477	1.4	6.53	7	700	0.6	2	0.05	0.5	1	5	89	2.97	2.47	0.14	58	48	0.11	3	560	111	0.88	5	141	0.06	77	10	13	20
JM RC-06-07	20	22	106257 EXT		0.425	1.1	6.46	11	710	0.5	3	0.04	0.5	1	7	76	2.06	2.06	0.14	61	71	0.1	2	530	62	0.71	5	201	0.07	37	10	14	20
JM RC-06-07	22	24	WW 258 EXT		0.407	1.1	6.47	9	900	0.5	2	0.04	0.5	1	6	81	2.02	2.18	0.14	63	45	0.11	1	430	83	0.7	5	123	0.09	31	10	15	10
JM RC-06-07	24	26	106259 EXT		0.466	1.4	6.23	13	800	0.5	2	0.04	0.5	1	9	103	2.66	2.62	0.13	82	36	0.11	3	460	44	0.95	5	166	0.1	34	10	14	20
JM RC-06-07	26	28	106260 EXT		0.266	0.8	6.1	18	660	0.5	2	0.04	0.5	1	7	87	2.45	2.39	0.12	85	55	0.15	3	540	60	0.74	5	121	0.14	58	10	11	10
JM RC-06-07	28	30	106261 EXT		0.145	0.7	6.66	39	740	0.6	2	0.09	0.5	3	6	39	2.01	2.34	0.13	39	29	0.21	3	1010	83	1.14	5	486	0.16	62	10	9	10
JM RC-06-07	30	32	106262 EXT		0.179	0.7	10.55	68	740	0.6	3	0.06	0.5	8	8	548	2.28	2.8	0.18	28	30	0.25	5	760	47	1.91	5	358	0.12	73	10	13	10
JM RC-06-07	32	34	106263 EXT		0.28	1.1	10.15	30	170	0.8	2	0.14	0.5	15	17	6080	4.78	2.64	0.19	22	47	0.13	13	1840	66	3.88	5	515	0.36	151	10	18	30
JM RC-06-07	34	36	106264 EXT		0.197	0.7	9.43	8	270	0.8	3	0.13	0.5	12	17	3480	4.6	2.35	0.34	33	918	0.15	8	1320	34	3.64	5	336	0.38	179	10	20	10
JM RC-06-07	36	38	106265 EXT		0.152	0.8	8.52	14	170	0.6	2	0.14	0.5	14	22	2730	4.72	2.43	0.23	33	126	0.13	6	1430	103	6.15	5	335	0.25	178	10	16	20
JM RC-06-07	38	40	106266 EXT		0.284	1	8.58	16	130	0.5	2	0.14	0.5	18	44	3660	4.67	2.48	0.12	38	34	0.12	21	1280	69	5.27	5	240	0.29	156	10	16	10
JM RC-06-07	40	42	106267 ORG		0.31	1.2	10.4	22	130	0.5	2	0.15	0.5	30	66	4730	6.69	2.62	0.19	35	332	0.13	46	1340	47	5.86	5	194	0.27	163	10	18	30
JM RC-06-07	42	44	106268 EXT		0.156	0.7	3.91	12	90	0.5	2	0.06	0.5	7	6	1310	4.44	1.49	0.07	37	45	0.05	6	880	122	4.63	5	197	0.09	36	10	17	30
JM RC-06-07	44	46	106270 EXT		0.38	1.1	7.34	18	60	0.5	2	0.12	0.5	6	13	2100	3.57	2.31	0.11	31	19	0.12	7	1060	148	3.22	5	231	0.19	139	10	13	20
JM RC-06-07	46	48	106271 EXT		0.22	1	9.29	61	200	0.9	2	0.12	0.5	15	17	3460	4.14	2.29	0.14	15	117	0.32	6	1110	68	3.87	7	230	0.29	136	10	17	30
JM RC-06-07	48	50	106272 EXT		0.136	0.6	8.43	13	160	0.5	2	0.1	0.5	16	9	2730	3.19	2.72	0.27	21	32	0.12	4	810	66	5.04	5	102	0.22	119	10	21	20
JM RC-06-07	50	52	106273 EXT		0.275	0.6	6.64	16	170	0.6	2	0.1	0.5	14	14	2480	4.56	2.41	0.16	32	51	0.1	6	1050	60	4.3	5	231	0.16	117	10	13	10
JM RC-06-07	52	54	106274 EXT		0.305	0.6	8.12	14	230	0.8	2	0.12	0.5	17	27	2950	3.77	2.49	0.15	12	79	0.09	15	1260	60	3.81	5	405	0.26	124	10	9	10
JM RC-06-07	54	56	106275 EXT		0.226	0.6	9	50	540	0.5	2	0.09	0.5	5	17	437	1.47	2.47	0.53	21	21	0.07	4	1000	39	1.91	5	388	0.25	65	10	10	20
JM RC-06-07	56	58	106276 EXT		0.208	0.5	6.5	9	570	0.5	2	0.08	0.5	5	16	302	3.73	1.92	0.11	26	46	0.07	4	640	24	1.85	5	156	0.16	47	10	9	10
JM RC-06-07	58	60	106277 EXT		0.352	0.5	7.19	14	540	0.5	2	0.08	0.5	5	25	563	3.98	1.91	0.13	20	44	0.07	5	950	23	1.26	5	186	0.23	121	10	9	10
JM RC-06-07	60	62	106278 EXT		0.336	0.5	6.77	12	540	0.5	2	0.07	0.5	4	29	378	4.24	2.32	0.1	26	69	0.07	2	600	34	1.39	5	140	0.19	129	10	7	10
JM RC-06-07	62	64	106279 EXT		0.419	0.5	7.09	34	520	0.5	2	0.09	0.5	4	21	219	2.54	0.12	21	7	44	0.09	2	510	28	2.25	5	117	0.17	117	10	7	10
JM RC-06-07	64	66	106280 EXT		0.408	0.5	7.24	12	180	0.5	2	0.07	0.5	7	19	1870	3.57	2.91	0.13	19	47	0.08	10	700	27	2.82	5	117	0.21	106	10	12	10
JM RC-06-07	66	68	106281 EXT		0.752	0.5	6.29	16	430	0.6	2	0.08	0.5	5	20	367	4.5	2.27	0.16	19	63	0.08	3	960	26	0.82	5	136	0.16	132	10	7	10
JM RC-06-07	68	70	106282 EXT		0.507	0.5	6.19	24	300	0.6	2	0.11	0.5	9	27	186	5.87	2.78	0.13	18	60	0.1	4	1130	40	2.17	5	229	0.25	136	10	10	10
JM RC-06-07	70	72	106283 EXT		0.343	0.5	6.17	34	170	0.5	2	0.1	0.5	12	27	747	4.81	2.64	0.13	15	91	0.1	7	1070	47	3.84	5	236	0.19	148	10	9	10
JM RC-06-07	72	74	106284 EXT		0.378	0.5	7.61	24	130	0.5	2	0.08	0.5	11	24	1450	4.3	2.91	0.1	16	46	0.12	6	670	58	3.66	5	211	0.15	134	10	7	10
JM RC-06-07	74	76	106285 EXT		0.215	0.5	7.38	39	90	0.5	2	0.09	0.5	9	22	886	4.57	2.4	0.09	22	66	0.13	6	880	61	4.67	5	223	0.15	139	10	9	10
JM RC-06-07	76	78	106286 EXT		0.116	0.5	6.18	26	80	0.5	2	0.07	0.5	9	16	273	4.91	1.85	0.05	19	37	0.14	3	660	43	5.11	5	382	0.11	72	10	9	10
JM RC-06-07	78	80	106287 EXT		0.224	0.5	5.85	32	130	0.5	2	0.03	0.5	11	2	1230	3.71	2.65	0.06	26	54	0.11	3	430	27	4.98	5	329	0.05	39	10	11	20
JM RC-06-07	80	82	106288 EXT		0.29	0.5	7.88	38	160	0.5	2	0.07	0.5	12	34	1530	5.61	2.66	0.12	22	91	0.1	7	980	19	3.7	5	268	0.22	111	10	9	40
JM RC-06-07	82	84	106289 EXT		0.251	0.5	6.45	14	120	0.5	2	0.1	0.5	16	39	1880	4.37	2.63	0.12	19	65	0.1	9	680	77	6.35	5	194	0.21	134	10	22	30
JM RC-06-07	84	86	106290 ORG		0.491	0.5	6.25	4	110	0.5	2	0.1	0.5	15	37	1060	5.53	3.4	0.13	34	93	0.13	4	1170	68	4.72	5	231	0.16	134	10	8	10
JM RC-06-07	86	88	106292 EXT		0.217	0.6	7.76	51	60	0.5	2	0.1	0.5	15	25	298	4.88	3.06	0.14	15	37	0.11	5	1630	24	5.18	5	163	0.15	125	10	7	30
JM RC-06-07	88	90	106293 EXT		0.183	0.6	7.83	35	110	0.5	2	0.04	0.5	30	23	315	5.08	2.79	0.11	29	39	0.13	4	990	39	5.85	5	129	0.13	116	10	7	30
JM RC-06-07	90	92	106294 EXT		0.25	0.7	8.89	32	150	0.5	2	0.06	0.5	7	19	89	3.68	2.19	0.08	36	45	0.14	5	770	29	2.88	5	145	0.17	83	10	7	30
JM RC-06-07	92	94	106295 EXT		0.141	0.5	5.82	14	110	0.5	2	0.05	0.5	7	7	68	2.88	1.92	0.05	48	162	0.15	3	780	37	2.88	5	246	0.1	50	10	7	20
JM RC-06-07	94	96	106296 EXT		0.073	0.6	3.62	5	60	0.5	2	0.02	0.5	10	3	63	3.39	1.19	0.03	88	34	0.1	3	370	15	2.48	5	90	0.03	21	20	10	10
JM RC-06-07	96	98	106297 EXT		0.098	0.5	3.4	14	90	0.5	2	0.02	0.5	7	4	98	3.08	1.24	0.02	92	66	0.08	3	360	17	2.24	5	98	0.04	21	10	10	10
JM RC-06-07	98	100	106298 EXT		0.106	1.3	4.32	12	130	0.5	2	0.03	0.5	5	3	34	3.65	1.51	0.03	51	68	0.13	3	400	20	1.67	5	126	0.04	21	10	11	20
JM RC-06-07	100	102	106299 EXT		0.158	0.5	4.65	39	140	0.5	2	0.03	0.5	8	3	24	3.44	1.67	0.03	61	62	0.2	2	460	29	1.67	5	178	0.04	21	10	10	10
JM RC-06-07	102	104	106300 EXT		0.112	0.5	4.06	39	100	0.5	2	0.03	0.5	8	3	46	2.66	1.4	0.03	54	71	0.13	1	410	19	2.22	5	125	0.04	21	10	11	10
JM RC-06-07	104	106	106301 EXT		0.174	0.5	4.71	6	80	0.5	2	0.01	0.5	13	1	130	3.48	1.71	0.05	47	47	0.08	3	280	16	3.35	5	84	0.04	30	20	10	10
JM RC-06-07	106	108	106302 EXT		0.114	0.5	4.71	6	100	0.5	2	0.01	0.5	14	1	611	3.91	1.71	0.06

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-36-07	136	138	108318 EXT		0.179	0.7	6.13	7	160	0.6	2	0.06	0.5	16	10	2410	3.57	2.59	0.14	34	75	0.1	8	420	30	3.36	5	91	0.09	40	20	17	16
JM RC-36-07	138	140	108319 EXT		0.166	0.6	5.27	47	110	0.5	2	0.04	0.5	9	7	1540	4.69	2.22	0.1	34	62	0.09	4	340	34	4.11	5	117	0.08	34	10	10	20
JM RC-36-07	140	142	108320 EXT		0.262	0.5	7.44	17	120	0.7	2	0.05	0.5	14	20	2000	4.94	3.04	0.19	36	91	0.13	10	910	34	5.01	5	164	0.18	139	10	13	20
JM RC-36-07	142	144	108321 EXT		0.16	0.5	9.07	13	300	0.6	2	0.08	0.5	23	17	2340	4.28	3.18	0.27	71	80	0.12	8	910	25	2.75	5	161	0.29	151	10	17	16
JM RC-36-07	144	146	108322 EXT		0.268	0.5	9.3	6	160	0.9	2	0.11	0.5	19	16	4050	5.2	3.1	0.29	90	99	0.13	7	1165	34	4.04	5	236	0.26	186	10	20	16
JM RC-36-07	146	148	108323 EXT		0.329	0.6	7.31	11	150	0.9	2	0.07	0.5	19	17	4690	4.47	2.73	0.21	48	99	0.13	10	760	17	5.8	5	141	0.22	120	50	16	30
JM RC-36-07	148	150	108324 EXT		0.254	0.6	7.47	29	80	1.1	2	0.08	0.5	18	27	3640	5.71	3.1	0.17	73	59	0.12	14	660	21	5.91	5	152	0.14	100	10	12	20
JM RC-36-07	150	152	108325 EXT		0.229	0.7	6.6	20	110	0.8	2	0.06	0.5	15	17	4030	5.5	2.79	0.15	34	74	0.12	8	810	28	5.79	5	148	0.11	108	10	14	30
JM RC-36-07	152	154	108326 EXT		0.248	0.6	6.37	11	80	0.7	2	0.11	0.5	19	20	3980	7.08	2.7	0.13	51	67	0.13	11	1080	58	7.98	5	230	0.09	104	20	16	30
JM RC-36-07	154	156	108327 EXT		0.153	0.5	6.06	14	160	0.6	2	0.09	0.5	18	32	2200	4.15	3.22	0.21	14	51	0.15	23	885	44	4.27	5	162	0.19	136	20	16	20
JM RC-36-07	156	158	108328 EXT		0.117	0.6	5.49	166	120	0.6	2	0.06	0.5	12	1	2130	3.31	2.2	0.12	36	61	0.11	5	660	46	3.61	5	164	0.09	90	30	13	30
JM RC-36-07	158	160	108329 EXT		0.123	0.7	6.57	149	110	0.6	2	0.07	0.5	14	4	2260	4.02	2.69	0.13	30	63	0.13	5	740	34	4.14	5	129	0.14	84	30	13	30
JM RC-36-07	160	162	108330 EXT		0.202	0.6	5.21	25	160	1	2	0.13	0.5	15	16	3050	4.8	3.72	0.41	17	141	0.17	8	1160	19	3.76	5	236	0.26	152	10	23	16
JM RC-36-07	162	164	108331 ORG		0.263	0.6	7.78	21	110	0.9	2	0.1	0.5	16	13	3640	5.51	3.37	0.3	26	136	0.17	6	1010	23	5.36	5	141	0.14	143	20	18	20
JM RC-36-07	164	166	108333 EXT		0.199	0.6	6.6	11	270	0.6	2	0.11	0.5	24	19	1910	4.71	2.79	0.79	25	69	0.15	7	1010	12	2.62	5	160	0.26	168	10	35	10
JM RC-36-07	166	168	108334 EXT		0.169	0.6	10	13	270	1	2	0.15	0.5	18	17	1780	5.26	2.65	0.69	25	195	0.29	7	1360	43	3.64	5	239	0.26	167	10	30	10
JM RC-36-07	168	170	108335 EXT		0.208	0.6	8.25	18	110	0.8	2	0.12	0.5	23	15	2090	5.98	2.74	0.25	21	65	0.23	8	1170	51	5.4	5	222	0.23	158	10	15	10
JM RC-36-07	170	172	108336 EXT		0.251	0.5	6.48	10	150	0.8	2	0.11	0.5	19	15	2330	5	2.73	0.54	36	194	0.19	7	1040	21	3.31	5	208	0.26	156	10	30	10
JM RC-36-07	172	174	108337 EXT		0.144	0.5	6.84	39	80	0.8	2	0.13	0.5	20	13	2700	5.6	3.62	0.48	23	72	0.22	7	1270	34	5.52	5	225	0.16	167	10	24	10
JM RC-36-07	174	176	108338 EXT		0.158	0.5	6.49	24	120	0.8	2	0.13	0.5	18	14	2650	5.21	2.62	0.41	23	125	0.23	5	1160	24	4.68	5	225	0.22	156	10	18	10
JM RC-36-07	176	178	108339 EXT		0.262	0.5	6.59	38	500	0.8	2	0.13	0.5	13	13	3660	4.74	2.54	0.56	25	228	0.34	5	1060	27	2.26	5	164	0.28	157	10	23	10
JM RC-36-07	178	180	108340 EXT		0.17	0.5	6.72	53	240	0.8	2	0.14	0.5	16	15	3170	4.13	2.66	0.53	29	78	0.27	8	1260	16	3.24	5	241	0.25	168	10	27	10
JM RC-36-07	180	182	108341 EXT		0.224	0.5	6.91	25	630	0.8	2	0.12	0.5	14	16	3370	4.36	2.18	0.58	28	218	0.27	8	1070	30	2.12	5	185	0.24	168	10	26	10
JM RC-36-07	182	184	108342 EXT		0.194	0.5	6.64	22	210	0.7	2	0.12	0.5	14	16	3360	4.58	2.49	0.52	34	102	0.26	8	1080	16	3.15	5	206	0.27	162	10	27	10
JM RC-36-07	184	186	108343 EXT		0.167	0.5	8.3	12	80	0.7	2	0.14	0.5	18	18	1940	6.26	2.57	0.34	25	66	0.26	6	1250	22	6.57	5	234	0.17	157	10	18	10
JM RC-36-07	186	188	108344 EXT		0.222	0.6	7.68	18	70	0.7	2	0.13	0.5	15	14	1760	6.28	2.56	0.15	30	160	0.27	7	1130	14	4.55	5	224	0.1	123	10	12	10
JM RC-36-07	188	190	108345 EXT		0.197	0.5	8.62	30	130	0.7	2	0.13	0.5	13	16	3040	5.5	2.37	0.23	39	188	0.32	8	1210	22	9.75	5	248	0.16	185	10	13	10
JM RC-36-07	190	192	108346 EXT		0.172	0.5	6.17	4	200	0.7	2	0.14	0.5	15	16	1960	5.15	2.24	0.66	30	141	0.23	8	1240	30	4.26	5	271	0.12	147	10	31	10
JM RC-36-07	192	194	108347 EXT		0.145	0.5	6.9	46	80	0.8	2	0.17	0.5	24	31	2460	6.15	2.66	0.35	26	101	0.29	29	1730	39	6.81	5	307	0.14	164	10	29	20
JM RC-36-07	194	196	108348 EXT		0.16	0.5	8.79	7	500	0.9	2	0.17	0.5	16	18	1360	7.25	2.96	0.39	39	116	0.31	16	1600	27	6.88	5	352	0.2	177	10	23	10
JM RC-36-07	196	198	108349 EXT		0.249	0.5	6.9	17	170	0.9	2	0.16	0.5	15	16	3330	5.73	2.36	0.61	45	121	0.3	9	1470	32	4.8	5	322	0.23	176	10	30	10
JM RC-36-07	198	200	108350 EXT		0.198	0.5	6.84	17	460	0.7	2	0.11	0.5	15	14	3060	4.51	2.48	0.9	33	45	0.27	9	1030	19	2.61	5	234	0.2	154	10	26	10
JM RC-36-07	200	202	108351 EXT		0.115	0.5	9.83	6	130	1	2	0.16	0.5	17	20	1420	5.51	3.04	0.51	49	98	0.4	9	1540	27	4.79	5	301	0.34	188	10	24	10
JM RC-36-07	202	204	108352 ORG		0.106	0.6	8.23	6	540	0.9	2	0.12	0.5	16	16	1110	4.76	2.78	0.76	36	71	0.32	10	1170	15	2.98	5	261	0.28	177	10	34	10
JM RC-36-07	204	206	108354 EXT		0.196	0.5	9.08	5	290	0.7	2	0.11	0.5	15	15	1320	5.33	2.29	0.33	68	84	0.25	10	920	14	2.91	5	204	0.29	143	10	43	10
JM RC-36-07	206	208	108355 EXT		0.14	0.5	7.9	5	330	0.7	2	0.1	0.5	17	15	1150	4.43	2.24	0.61	66	64	0.25	9	880	6	2.78	5	261	0.24	130	10	38	10
JM RC-36-07	208	210	108356 EXT		0.126	0.5	8.63	5	540	1.3	2	0.12	0.6	14	14	1360	5.7	1.98	0.57	57	74	0.37	9	1060	5	2.12	5	603	0.27	158	10	41	10
JM RC-36-07	210	212	108357 EXT		0.197	0.5	7.91	5	400	0.8	2	0.09	0.5	17	11	1940	4.3	2.39	0.56	72	109	0.2	7	910	2	2.49	5	143	0.17	90	10	35	10
JM RC-36-07	212	214	108358 EXT		0.231	0.5	6.8	9	360	0.7	3	0.08	0.5	14	12	1760	5.67	2.27	0.55	49	80	0.29	4	930	9	2.46	5	279	0.26	126	10	29	10
JM RC-36-07	214	216	108359 EXT		0.157	0.5	7.44	5	880	0.9	2	0.09	0.5	17	9	1350	4.26	2.22	0.59	57	79	0.24	7	760	9	2.63	5	267	0.21	162	10	37	10
JM RC-36-07	216	218	108360 EXT		0.222	0.5	7.91	5	320	0.7	2	0.09	0.5	17	14	1360	5.09	2.45	0.62	46	44	0.22	7	830	10	3.99	5	288	0.19	118	10	36	10
JM RC-36-07	218	220	108361 EXT		0.16	0.5	8.52	9	420	0.7	2	0.07	0.5	17	12	1560	4.62	2.56	0.6	73	70	0.21	10	910	11	3.16	5	288	0.23	119	10	43	10
JM RC-36-07	220	222	108362 EXT		0.2	0.5	7.45	5	370	0.8	2	0.07	0.6	15	11	1740	4.17	2.47	0.64	61	115	0.2	6	910	2	2.66	5	162	0.22	117	10	39	10
JM RC-36-07	222	224	108363 EXT		0.255	0.5	8.27	5	200	0.9	4	0.09	0.5	18	18	1370	5.06	2.67	0.94	51	45	0.29	9	960	9	4.1	5	180	0.19	122	10	34	10
JM RC-36-07	224	226	108364 EXT		0.243	0.5	8.98	5	220	0.8	3	0.08	0.5	29	13	1730	5.8	2.76	0.5	46	111	0.27	9	730	7	3.62	5	215	0.21	152	10	31	10
JM RC-36-07	226	228	108365 EXT		0.246	0.5	7.83	5	300	0.8	2	0.08	0.5	17	11	1730	4.36	2.45	0.48	58	73	0.23	18	840	5	3.13	5	288	0.23	122	10	36	10
JM RC-36-07	228	230	108366 EXT		0.143	0.5	8.39	6	430	0.8	3	0.1	1.1	14	14	1640	4.37	2.09	0.6	98	31	0.37	7	980	4	1.77	5	376	0.28	142	10	46	10
JM RC-36-07	230	232	108367 EXT		0.164	0.5	8.63	5	470	0.8	2	0.08	0.5	17	12	1530	4.66	2.37	0.64	79	58	0.29	6	820	4	2.49	5	252	0.21	141	10	53	10
JM RC-36-07	232	234	108368 EXT		0.176	0.5	8.57	5	470	0.8	2	0.11	0.5	15	14	1810	4.66	2.12	0.75	66	112	0.36	15	1070	4	2.91	5	343	0.28	186	10	57	10
JM RC-36-07	234	236	108369 ORG		0.117	0.5	9.93	5	460	0.9	2	0.1	0.5	13	10	1300	4.16	2.33	0.57	50	30	0.37	9	800	3	1.73	5	265	0.31	142	10	43	10
JM RC-36-07	236	238	108371 EXT		0.124	0.6	6	5	170	0.7	2	0.12	0.5	14	13	840	3.14	1.95	0.58	45	30	0.42	11	1340	8	3.45	5	306	0.29	145	10	44	20
JM RC-36-07	238	240	108372 EXT		0.164	0.6	8.86	5	310	0.8	2	0.12	0.5	17	13	1370	5.13	2.64	0.47	34	66	0.38	11	1080	10	3.26	5	271	0.26	146	10	30	20
JM RC-36-07	240	242	108373 EXT		0.106	0.5	8.57	5	330	0.7	2	0.1	0.5	18	17	970	5.25	2.84	0.54	44	58	0.33	10	1010	10	3.57	5	263	0.22	144	10	34	20
JM RC-36-07	242	244	108374 EXT		0.131	0.6	8.85	5	450	0.8	2	0.1	0.5	16	15	1040	5.08	2.36	0.51	57	51	0.38	13	860	5	3.05	5	282	0.26	144	10	38	20
JM RC-36-07	244	246	108375 EXT		0.192	0.5	9.87	5	450	1	2	0.12	0.5	16	12	1540	5.12	2.41	0.7	46	79	0.34	12	1020	11	2.83	5	247	0.26	144	10	45	10
JM RC-36-07	246	248	108376 EXT		0.148	0.5	8.91	5	340	0.7	2	0.11	0.5	16	19	1190	5.51	2.62	0.55	68	45	0.27	12	1030	8	3.48	5	256	0.27	146	10	38	20
JM RC-36-07	248	250	108377 EXT		0.214	0.5	8.79	5	500	0.8	2	0.11	0.5	13	14	1660	5.26	2.81	0.58	56	44	0.36	8	1060	20	3.33	5	301	0.25	139	10	30	20
JM RC-36-07	250	252	108378 EXT		0.288	0.6	9.58	6	100	0.9	2	0.04	0.5	14	9	2190	3.86	2.12	0.14	54	73	0.15	3	620	14	3.67	5	168	0.06	68	10	15	20
JM RC-36-07	252	254	108379 EXT		0.164	0.7	7.62	161	130	0.6	2	0.07	0.5	13	15	1930	4.14	2.4	0.23	47	78	0.3	5	880	13	4.15	5	202	0.22	100	10	36	10
JM RC-36-07	254	256	108380 EXT		0.213	0.6	9.08	39	100	0.6	2	0.06	0.5	13	9	2270	4.51	2.84	0.17	51	63	0.19	6	500	19	4.59	5	146	0.13	72	10	26	20
JM RC-36-07	256	258	108381 EXT		0.175	0.6	8.79	30	440	0.7	2	0.07	0.5	16	11	1600	3.67	2.64	0.51	33	45	0.19	11	630	3	2.78	5	195	0.16	117	10	28	10
JM RC-36-07	258	260	108382 EXT		0.158	0.5	7.74	43	350	0.6	2	0.07	0.5	14	11	1430	3.6	2.68	0.28	54	62	0.2	5	530	21	3.17	5	173	0.22	85	10	27	20
JM RC-36-07	260	262	108383 EXT		0.137	0.5	9.19	50	330	0.6	2	0.03	0.5	11	5	1980	3.29	2.28	0.19	47	50	0.15	1	350	25	3.16	5	118	0.09	42	10	14	20
JM RC-36-07	262	264	108384 EXT		0.196	0.6	6.25	96	230	0.5	2	0.09	2.3	12	4	2050	3.63	2.32	0.13	100	62	0.16	2	360	24	3.7	5	116	0.06	61	10	13	20
JM RC-36-07	264	266	108385 EXT		0.229	0.5	8.48	16	210	0.7	2	0.09	0.5	17	17	2420	4.56	2.4	0.42	56	66	0.28	9	880	14	3.57	5	172	0.17	128	10	30	20
JM RC-36-07	266	268	108386 EXT		0.178	0.6	9.19	7	330	0.8	2	0.1	0.6	20	14	1770	5.93	2.53	0.53	47	63	0.3	11	1000	39	3.67	5	209	0.27	165	10	45	10
JM RC-36-07	268	270	108387 EXT		0.191	0.5	7.91	5	340	0.7	2	0.07	0.6	14	8	1660	3.93	2.63	0.38	36	60	0.2	5	860	18	3.2	5	154	0.17	102	10	29	10
JM RC-36-07	270	272	108388 EXT		0.198	0.5	7.63	4	480	0.7	2	0.07	0.5	14	10	1980	4.27	2.57	0.41	66	85	0.24	7	670	10	2.64	5	160	0.21	108	10	35	10
JM RC-36-07	272	274	108389 EXT		0.171	0.5	9.03	6	750	0.9	2	0.09	0.5	20	12	1780	5.1	2.58	0.69	50	96	0.36	15	840	7	2.86	5	153	0.31	148	10	45	10
JM RC-36-07	274	276	108390 ORG		0.122	0.6	8.47	5	530	0.8	2	0.07	0.5	16	11	1290	4.15	2.53	0.51	64	100	0.41	9	640	6	2.5	5	181	0.21	134	10	42	10
JM RC-36-07	276	278	108392 EXT		0.14	0.6	8.91	11	450	0.8	2	0.08	0.5	15	15	1250	4.28	2.69	0.4	66	62	0.44	13	930	11	2.33	5	218	0.24	134	10	44	10
JM RC-36-07	278	280	108393 EXT		0.16	0.5	8.91	7	440	0.8	2	0.09	0.5	16	15	1250	4.28	2.69	0.4	66	62	0.44	13	930	11	2.33	5	218	0.24	134	10	44	10
JM RC-36-07	280	282	108394 EXT		0.14	0.5	8.57	5	340	0.7	2	0.1	0.5	23	13	1170	4.53	2.23	0.4	49	51	0.37	9	1000	19	3.36	5	253	0.24	145	10	36	10
JM RC-36-07	282	284	108395 EXT		0.13	0.5	8.66	14	150	0.7	2	0.08	0.5	19	10	1120	4.1	2.51	0.26	56	77	0.4	10	840	15	8.29	5	303	0.22	144	10	34	20
JM RC-36-07	284	286	108396 EXT		0.241	0.6	7.6	61	60	0.6	2	0.1	0.5	17	13	1790	6.59	2.21	0.56	78	58	0.37	11	880	24	98	5	267	0.15	133	10	26	10
JM RC-36-07	286	288	108397 EXT		0.171	0.5	8.98	14	340	0.8	3	0.11	0.5	20	13	1410	4.48	2.63	0.4	52	78	0.52	11	960	6	3.76	5	253	0.26	164	10	38	10
JM RC-36-07	288	290	108398 EXT		0.143	0.5	8.98	5	300	0.8	3	0.11	0.5	22	17	1430	4.4	2.66	0.33	46	79	0.45	9	1040	14	3.62	5	218	0.23	160	10	33	10
JM RC-36-07	290	292	108399 EXT		0.136	0.5	8.22	6	340	0.8	2	0.1	0.5	21	13	1440	3.73	2.4	0.33	37	65	0.43	11	830	10	3.35	5	186	0.19	139	10	27	20
JM RC-36-07	292	294	108400 EXT		0.148	0.5	9.85	7	290	0.8	2	0.12	0.6	24	16	1400	4.67	2.36	0.3	69	124	0.48	13	1180	10	4.11	5	208	0.23	142	10	32	20
JM RC-36-07	294	296	108401 EXT		0.147	0.5	9	16	450	0.8	2	0.12	0.5	17	14	1260	4.08	2.33	0.26	66	80	0.43	12	1040	13	3.13	5	206	0.27	136	10	27	20
JM RC-36-07	296	298	108402 EXT		0.114	0.5	10.05	15	470	0.9	2	0.14	0.6	15	11	1070	3.7	1.84	0.27	54	46	0.43	25	1080	21	3.06	5	227	0.16	153	10	36	10
JM RC-36-07	298	300	108403 EXT		0.097	0.5	9.85	14	500	1	2	0.16	0.5	15	19	883	3.56	1.5	0.35	39	22	0.38	38	1300	12	2.48	5	117	0.27	147	10	41	10
JM RC-36-07	300	302	108404 EXT		0.156	0.6	9.57	10	460	1.4	4	0.16	0.5	18	18	1180	3.48	1.98	0.42	34	44	0.42	30	1340	11	2.3	5	133	0.27	160	10	38	10
JM RC-36-07	302	304	108405 EXT		0.227	0.7	7.98	10	340	1	3	0.13	0.8	21	12	1770	5.56	2.52	0.58	38	50	0.36	9	1080	20	5.04	5	201	0.22	158	10	18	20
JM RC-36-07	304	306	108406 EXT		0.188	0.5	8.38	12	460	0.8	2	0.12	0.6	18	11	1710	4.15	2.44	0.22	39	42	0.37	8	1040	20	4.28	5	201	0.21	138	10	13	20
JM RC-36-07	306	308	108407 ORG		0.16	0.5	9.44	15	480	1.2	2	0.1	0.5	15	16	1430	3.34	1.98	0.28	34	78	0.35	19	880	14	3.61	5	181	0.31	126	10	14	40
JM RC-36-07	308	310	108408 EXT		0.24	0.5	8.2	17	570	1.1	2	0.09	0.7	23	13	3040	3.25	2.26	0.31	39	105	0.31	14	790	10	2.96	5	104	0.38	137	10	16	40
JM RC-36-07	310	312	108410 EXT		0.256	0.6	8.99	15	460	1.4	2	0.1	0.5	18	14	2140	3.84	2.67	0.28	50	54	0.32	21	840	15	3.86	5	84	0.25	141	10	17	40
JM RC-36-07	312	314	108411 EXT		0.266	0.7	8.4	36	340	1.5	3	0.11	0.6	29	20	2230	4.97	2.57	0.37	38	74	0.34	25	1170	26	3.71	5	263	0.36	147	20	16	10
JM RC-36-07	314	316	108412 EXT		0.163	1.1	7.25	61	460	0.8	4	0.05	0.5	33	30	2160	3.22	2.34	0.22	40	36	0.24	16	720	48	3.16	5	146	0.16	74	170	20	80
JM RC-36-07	316	318	108413 EXT		0.119	1.3	5.79	146	500	0.7	2	0.04	0.5	4	4	2740	3.1	2.41	0.18	29	166	0.13	9	290	31	3.24	5	78	0.07	34	10	12	20
JM RC-36-07	318	320	108414 EXT		0.17	1	8.59	120	530	0.8	2	0.09	0.5	12	11	3070	3.43	2.5	0.21	41	236	0.18	7	570	31	3.39	5	149	0.13	63	10	8	30
JM RC-36-07	320	322	108415 EXT		0.119	0.6	7.79

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cl_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-06-07	350	352	106431 EXT		0.071	0.6	6.89	223	480	0.7	4	0.06	0.5	7	10	2430	2.97	2.65	0.19	490	48	0.22	8	480	38	3.71	7	138	0.09	53	10	10	10
JM RC-06-07	352	354	106432 EXT		0.084	0.7	8.43	107	490	0.7	2	0.06	0.5	8	9	2470	3.07	2.53	0.17	51	42	0.17	7	450	29	3.38	5	113	0.09	50	10	9	10
JM RC-06-07	354	356	106433 EXT		0.061	0.6	7.37	164	220	0.6	2	0.06	0.5	8	10	2360	2.64	2.44	0.14	52	37	0.23	7	570	32	4.58	5	158	0.06	64	10	10	10
JM RC-06-07	356	358	106434 EXT		0.064	1.1	8.26	342	270	0.7	4	0.06	0.6	10	6	6810	3.62	2.39	0.13	62	54	0.2	10	540	35	4.46	5	162	0.06	45	10	11	20
JM RC-06-07	358	360	106435 EXT		0.122	1.1	5.68	87	420	0.6	2	0.04	0.6	12	6	2980	3.4	2.15	0.18	47	54	0.15	14	370	22	3.62	5	88	0.07	36	10	10	20
JM RC-06-07	360	362	106436 EXT		0.118	1	5.62	110	400	0.6	2	0.05	0.6	10	10	2630	2.95	1.9	0.18	91	48	0.2	14	370	30	3.23	5	102	0.06	43	20	11	20
JM RC-06-07	362	364	106437 EXT		0.481	0.7	6.09	23	320	0.6	2	0.04	0.6	21	12	1830	3.68	2.28	0.2	43	37	0.15	20	290	19	3.65	5	68	0.1	38	90	14	30
JM RC-06-07	364	366	106438 EXT		0.092	0.7	5.67	19	280	0.6	2	0.04	0.6	12	6	1730	3.68	2.31	0.17	32	29	0.16	13	360	19	4.15	5	87	0.07	31	60	14	40
JM RC-06-07	366	368	106439 EXT		0.083	0.9	6.54	66	300	0.7	2	0.05	0.6	8	11	2070	3.41	2.32	0.15	42	42	0.24	9	420	22	4.13	5	137	0.09	43	60	16	40
JM RC-06-07	368	370	106440 EXT		0.085	0.8	6.09	34	368	0.6	2	0.05	0.6	17	4	1880	3.11	2.15	0.21	40	52	0.16	15	380	11	3.18	5	84	0.09	39	30	15	30
JM RC-06-07	370	372	106441 EXT		0.09	0.6	6.2	36	360	0.7	2	0.05	1	11	4	1910	2.73	2.11	0.2	38	37	0.21	7	410	13	2.97	5	86	0.08	32	30	15	30
JM RC-06-07	372	374	106442 EXT		0.069	0.6	5.48	35	360	0.7	2	0.05	0.6	20	6	1630	2.9	1.94	0.16	43	48	0.19	7	400	13	3.2	5	86	0.08	34	100	13	30
JM RC-06-07	374	376	106443 EXT		0.084	0.7	6.34	127	390	0.7	2	0.05	0.6	30	15	2050	3	1.98	0.17	44	51	0.22	10	440	15	3.4	11	82	0.1	42	110	13	30
JM RC-06-07	376	378	106444 EXT		0.075	0.6	6.57	46	280	0.7	2	0.05	0.6	12	8	2660	3.43	2.33	0.18	33	102	0.21	7	500	17	3.8	5	109	0.08	35	10	10	20
JM RC-06-07	378	380	106445 EXT		0.068	0.7	6.74	66	330	0.7	2	0.05	0.6	8	12	2130	3.61	2.09	0.17	36	42	0.23	11	520	19	3.91	5	86	0.1	40	10	10	20
JM RC-06-07	380	382	106446 DRG		0.052	0.7	6.27	272	290	0.5	2	0.04	0.7	6	7	2140	3.61	2.22	0.11	37	48	0.2	6	400	21	3.67	5	108	0.05	42	10	10	30
JM RC-06-07	382	384	106448 EXT		0.338	0.8	5.99	178	190	0.5	2	0.05	0.6	13	11	2190	2.94	2.05	0.06	41	34	0.21	9	430	68	4.13	5	136	0.06	40	10	10	30
JM RC-06-07	384	386	106449 EXT		0.036	0.6	6.52	133	300	0.5	2	0.06	0.6	8	6	1980	2.62	2.06	0.06	35	35	0.21	7	460	30	3.99	5	128	0.09	46	10	10	30
JM RC-06-07	386	388	106450 EXT		0.045	0.5	6.08	312	250	0.5	2	0.05	0.5	7	6	4020	2.98	1.52	0.04	26	55	0.29	6	470	42	5.26	5	150	0.06	51	10	10	30
JM RC-06-07	388	390	106451 EXT		0.248	1	4.45	217	220	0.5	6	0.05	0.5	13	5	13600	7	0.83	0.03	58	60	0.24	6	440	98	8.57	10	142	0.09	58	10	13	30
JM RC-06-07	390	392	106452 EXT		0.06	0.9	5.03	315	340	0.5	4	0.04	0.5	12	11	5950	4.1	1.01	0.04	52	69	0.24	6	500	129	6.15	3	151	0.1	67	10	14	10
JM RC-06-07	392	394	106453 EXT		0.045	0.7	4.82	116	300	0.5	5	0.04	0.5	11	24	1750	3.58	0.98	0.02	23	70	0.24	17	560	141	5.77	5	166	0.1	91	10	8	10
JM RC-06-07	394	396	106454 EXT		0.034	0.6	5.73	3300	140	0.5	7	0.08	0.7	20	30	11700	4.01	1.15	0.02	58	66	0.36	15	640	186	7.24	62	257	0.11	105	10	15	30
JM RC-06-07	396	398	106455 EXT		0.038	0.9	5.11	217	110	0.5	5	0.06	0.5	37	19	1370	4.05	1.04	0.02	48	83	0.27	38	560	151	6.35	8	152	0.12	87	10	6	20
JM RC-06-07	398	400	106456 EXT		0.039	1	5.5	139	220	0.5	2	0.09	0.5	13	27	1440	4.36	1.42	0.02	24	102	0.36	8	800	121	7.66	19	193	0.17	108	10	4	30
JM RC-37-07	0	2	106457 EXT		0.1	0.5	2.7	36	200	0.5	2	0.03	0.5	3	5	67	1.85	0.8	0.02	64	47	0.08	1	370	32	0.77	5	196	0.04	18	10	4	10
JM RC-37-07	2	4	106458 EXT		0.107	0.7	2.88	47	230	0.5	2	0.03	0.5	3	6	45	3.18	1.11	0.02	50	72	0.08	1	430	15	1.11	5	303	0.05	23	10	5	10
JM RC-37-07	4	6	106459 EXT		0.058	0.5	2.94	40	210	0.5	2	0.03	0.5	3	4	39	3.37	1.04	0.02	57	58	0.08	1	380	16	0.84	5	136	0.04	21	10	7	10
JM RC-37-07	6	8	106460 EXT		0.108	0.7	3.53	34	190	0.5	2	0.03	0.5	1	15	43	2.24	1.26	0.03	52	43	0.07	4	530	30	0.63	5	125	0.04	27	10	9	10
JM RC-37-07	8	10	106461 EXT		0.147	0.5	3.14	36	170	0.5	2	0.03	0.5	1	11	46	2.65	1.19	0.02	49	37	0.06	1	340	29	0.73	5	110	0.03	21	10	6	10
JM RC-37-07	10	12	106462 DRG		0.677	0.5	3.26	41	160	0.5	2	0.02	0.5	1	11	41	2.66	1.17	0.02	60	35	0.08	1	300	32	0.84	5	125	0.03	21	10	7	10
JM RC-37-07	12	14	106464 EXT		0.137	0.6	4.72	39	460	0.5	2	0.03	0.5	1	14	79	2.99	1.24	0.07	50	47	0.09	2	370	27	1.38	5	104	0.07	37	10	6	10
JM RC-37-07	14	16	106465 EXT		0.156	0.7	4.11	66	360	0.5	2	0.03	0.5	1	15	47	3.15	1.76	0.03	54	68	0.14	3	510	38	2.25	5	126	0.05	34	10	4	10
JM RC-37-07	16	18	106466 EXT		0.152	1.1	6.71	100	530	0.5	2	0.09	0.6	1	20	39	2.47	2.16	0.09	33	90	0.13	1	830	58	1.92	5	163	0.15	114	10	4	10
JM RC-37-07	18	20	106467 EXT		0.137	0.7	7.74	52	450	0.5	2	0.1	0.9	2	24	23	1.85	2.18	0.13	30	29	0.15	3	1610	24	1.09	5	200	0.31	152	10	4	10
JM RC-37-07	20	22	106468 EXT		0.271	0.7	7.41	68	420	0.5	2	0.12	0.9	2	22	21	1.15	2.18	0.11	42	35	0.12	2	1180	34	0.68	5	217	0.31	147	10	4	10
JM RC-37-07	22	24	106469 EXT		0.148	0.7	7.39	17	330	0.5	2	0.14	0.5	3	23	17	1.4	1.97	0.08	29	47	0.11	2	1260	35	0.89	5	206	0.29	129	10	5	10
JM RC-37-07	24	26	106470 EXT		0.254	0.5	7.9	35	360	0.5	2	0.12	0.9	3	25	21	1.9	2.08	0.11	25	63	0.12	1	1170	24	0.63	5	234	0.37	110	10	4	10
JM RC-37-07	26	28	106471 EXT		0.254	1.3	7.84	19	520	0.5	2	0.1	0.9	2	21	19	1.98	2.09	0.11	30	58	0.12	2	1070	35	0.74	5	238	0.3	123	10	4	10
JM RC-37-07	28	30	106472 EXT		0.218	0.6	7.87	14	510	0.5	2	0.11	0.9	2	21	17	1.54	1.7	0.1	23	57	0.15	1	1150	47	0.68	5	234	0.21	132	10	4	10
JM RC-37-07	30	32	106473 EXT		0.235	0.5	7.81	29	570	0.5	2	0.11	0.9	2	23	18	2.43	2	0.1	29	66	0.15	1	1170	58	1.22	5	239	0.32	142	10	4	10
JM RC-37-07	32	34	106474 EXT		0.233	0.6	7.97	33	560	0.5	2	0.1	0.9	2	24	20	2.12	2.12	0.12	28	93	0.14	1	1070	38	0.83	5	207	0.3	123	10	7	10
JM RC-37-07	34	36	106475 EXT		0.177	0.5	8.45	29	760	0.5	2	0.11	0.9	2	23	22	1.27	2.23	0.11	18	71	0.13	1	1130	39	0.59	5	242	0.35	124	10	4	10
JM RC-37-07	36	38	106476 EXT		0.198	0.5	8.34	34	810	0.5	2	0.14	0.9	2	22	22	1.49	1.52	0.1	20	52	0.14	2	1310	46	0.67	5	227	0.25	127	10	4	10
JM RC-37-07	38	40	106477 EXT		0.198	0.5	8.61	31	980	0.5	2	0.14	0.9	3	28	23	2.21	1.68	0.08	17	60	0.17	2	1320	54	0.88	5	218	0.39	117	10	3	10
JM RC-37-07	40	42	106478 EXT		0.271	0.8	8.28	36	910	0.5	2	0.13	0.9	3	27	29	1.45	1.75	0.09	20	44	0.14	1	1160	65	0.7	5	190	0.33	115	10	4	20
JM RC-37-07	42	44	106479 ORG		0.273	1.2	7.28	33	630	0.5	2	0.11	0.5	4	23	48	1.73	2.13	0.08	27	98	0.14	2	1040	58	1.02	5	175	0.16	107	10	7	10
JM RC-37-07	44	46	106481 EXT		0.131	0.6	8.68	30	850	0.5	2	0.07	0.5	3	25	48	2.27	2.24	0.1	30	65	0.18	1	880	52	1.33	5	223	0.18	102	10	6	10
JM RC-37-07	46	48	106482 EXT		0.207	0.8	8.17	33	970	0.5	2	0.09	0.5	3	25	31	3.14	2.1	0.07	33	83	0.14	1	900	103	1.75	5	268	0.13	94	10	5	10
JM RC-37-07	48	50	106483 EXT		0.146	0.9	8.64	19	980	0.5	2	0.02	0.5	1	14	55	2.88	1.82	0.02	63	98	0.1	2	380	91	1.12	5	112	0.03	36	10	6	10
JM RC-37-07	50	52	106484 EXT		0.166	0.9	4.97	28	430	0.5	2	0.04	0.5	1	15	44	2.86	1.74	0.06	51	112	0.11	2	480	51	1.91	5	132	0.07	56	10	4	10
JM RC-37-07	52	54	106485 EXT		0.175	0.6	7	30	590	0.5	3	0.11	0.5	2	30	34	3.79	1.8	0.1	39	64	0.13	1	1160	57	1.45	5	214	0.19	108	10	4	10
JM RC-37-07	54	56	106486 EXT		0.154	0.5	7.53	38	700	0.5	4	0.1	0.5	2	37	168	2.97	2.11	0.2	22	35	0.1	1	1660	39	0.78	5	230	0.29	114	10	3	10
JM RC-37-07	56	58	106487 EXT		0.277	0.8	8.61	29	750	0.5	2	0.11	0.6	2	25	25	1.65	2.11	0.1	37	66	0.12	2	1080	42	0.88	5	256	0.32	116	10	17	20
JM RC-37-07	58	60	106488 EXT		0.18	0.8	8.87	21	910	0.5	2	0.13	0.5	2	34	204	2.87	2.11	0.1	36	96	0.13	3	1160	45	1.66	5	267	0.38	111	10	4	10
JM RC-37-07	60	62	106489 EXT		0.241	0.9	8.71	22	930	0.5	2	0.14	0.5	3	31	158	2.46	2.26	0.1	32	66	0.12	7	1300	88	2.62	5	273	0.31	129	10	5	10
JM RC-37-07	62	64	106490 EXT		0.21	0.7	8.23	19	880	0.5	2	0.11	0.5	2	31	544	3.99	1.96	0.13	23	92	0.13	7	1160	49	3.6	5	258	0.3	138	10	4	10
JM RC-37-07	64	66	106491 EXT		0.18	0.4	8.46	16	830	0.5	2	0.13	0.5	7	32	181	2.86	2.75	0.15	36	82	0.13	8	1120	33	1.67	5	268	0.21	116	10	12	10
JM RC-37-07	66	68	106492 DRG		0.225	0.9	8.23	13	140	0.5	2	0.11	0.5	16	22	185	3.81	2.54	0.1	39	76	0.14	6	1140	35	3.69	5	243	0.24	125	10	8	10
JM RC-37-07	68	70	106494 EXT		0.123	0.8	3.36	6	260	0.5	2	0.03	0.5	28	18	124	3.69	0.99	0.03	65	91	0.1	4	540	48	3.76	5	155	0.05	33	130	26	30
JM RC-37-07	70	72	106495 EXT		0.109	1.1	2.82	11	180	0.5	2	0.04	0.5	31	13	123	4.12	0.72	0.01	57	50	0.09	3	400	72	4.34	5	192	0.05	31	150	18	30
JM RC-37-07	72	74	106496 EXT		0.104	1.3	3.7	14	160	0.5	3	0.06	0.5	50	14	298	5.36	0.76	0.02	53	71	0.11	9	570	74	5.07	5	148	0.08	46	200	18	30
JM RC-37-07	74	76	106497 EXT		0.098	1.9	2.91	167	210	0.5	2	0.02	0.5	46	11	821	4.27	0.73	0.02	50	57	0.07	8	280	47	4.52	5	122	0.03	18	180	15	20
JM RC-37-07	76	78	106498 EXT		0.128	16.4	3.86	160	220	0.5	3	0.02	0.5	73	10	1450	7.66	1.29	0.05	50	60	0.07	5	300	31	3.64	5	82	0.05	15	360	14	70
JM RC-37-07	78	80	106499 EXT		0.187	0.6	4.91	46	260	0.5	4	0.05	0.6	61	49	2260	3.96	1.64	0.08	45	47	0.09	39	340	29	4.04	5	161	0.06	29	20	20	20
JM RC-37-07	80	82	106500 EXT		0.115	0.5	3.29	118	210	0.5	4	0.09	0.6	18	11	1570	5.07	0.94	0.03	53	53	0.06	7	370	66	5.96	5	173	0.04	19	20	15	10
JM RC-37-07	82	84	106501 EXT		0.142	0.8	3.44	134	160	0.5	5	0.04	0.5	17	11	2140	4.16	0.96	0.03	42	53	0.08	6	410	70	4.52	5	200	0.04	21	10	8	10
JM RC-37-07	84	86	106502 EXT		0.197	1.2	4.36	253	240	0.5	5	0.03	0.5	13	11	3120	4.19	1.43	0.06	57	80	0.06	5	330	90	4.41	5	144	0.05	23	10	8	10
JM RC-37-07	86	88	106503 EXT		0.195	0.7	4.17	158	190	0.5	3	0.02	0.5	17	10	2500	4.09	1.39	0.05	42	60	0.09	5	290	32	4.24	5	116	0.03	20	10	15	20
JM RC-37-07	88	90	106504 EXT		0.206	1.3	4.2	324	270	0.5	5	0.02	0.5	19	7	3980	4.87	1.42	0.05	46	90	0.11	7	290	34	4.46	5	98	0.05	22	10	11	30
JM RC-37-07	90	92	106505 EXT		0.144	0.7	4	229	240	0.5	4	0.08	0.5	13	29	2620	5.81	2.25	0.08	34	79	0.17	18	460	44	5.72	5	127	0.11	46	10	11	20
JM RC-37-07	92	94	106506 EXT		0.114	0.9	6.49	111	200	0.5	5	0.06	0.5	13	17	3420	4.76	2.35	0.06	38	48	0.16	16	560	51	5.26	5	116	0.11	56	10	12	20
JM RC-37-07	94	96	106507 EXT		0.217	1.2	6.36	66	160	0.5	8	0.12	0.6	19	42	6280	4.39	2.47	0.12	30	77	0.19	25	1180	44	4.56	5	288	0.22	120	10	7	30
JM RC-37-07	96	98	106508 EXT		0.216	0.5	6.78	17	80	0.5	5	0.13	0.6	14	19	3140	5.49	2.12	0.08	24	52	0.16	19	1160	73	5.42	5	191	0.2	140	10	6	10
JM RC-37-07	98	100	106509 EXT		0.179	0.5	6.21	17	150	0.5	4	0.14	0.6	14	18	2560	4.6	2.54	0.12	23	54	0.18	8	1170	37	3.94	5	163	0.16	136	10	6	10
JM RC-37-07	100	102	106510 EXT		0.302	0.5	6.36	13	170	0.5	5	0.11	0.5	14	22	2120	4.81	2.64	0.11	35	39	0.17	8	1040	36	4.89	5	198	0.25	160	10	11	10
JM RC-37-07	102	104	106511 EXT		0.191	0.5	6.85	60	210	0.5	3	0.13	0.6	15	20	1830	4.83	2.3	0.09	23	38	0.17	7	1040	33	3.79	5	165	0.14	134	10	10	10
JM RC-37-07	104	106	106512 EXT		0.243	0.6	6.71	19	140	0.5	7	0.13	0.5	16	16	4660	5.26	2.21	0.11	22	35	0.17	9	1200	42	4.65	5	237	0.2	144	10	8	10
JM RC-37-07	106	108	106513 DRG		0.152	0.5	6.13	11	880	0.5	5	0.12	0.5	21	25	2350	4.24	2	0.07	30	34	0.17	12	1080	40	3.4	5	198	0.26	136	10	10	10
JM RC-37-07	108	110	106515 EXT		0.212	0.6	6.07	16	330	0.5	5	0.13	0.6	17	21	3670	4.51	2.25	0.09	29	41	0.19	6	1040	36	3.91	5	181	0.25	145	10	10	10
JM RC-37-07	110	112	106516 EXT		0.162	0.5	6.58	12	480	0.5	4	0.13	0.6	9	34	1720	3.6	1.75	0.52	30	36	0.17	10	1030	32	1.32	5	169	0.3	142	10	6	40
JM RC-37-07	112	114	106517 EXT		0.315	0.5	6.37	11	310	0.5	5	0.13	0.6	16	29	2230	4.44	2.1	0.37	29	60	0.17	14	1140	29	3.66	5	224	0.22	136	10	33	10
JM RC-37-07	114	116	106518 EXT		0.175	0.5	6.27	16	80	0.5	4	0.15	0.6	21	25	3980	4.18	2.08	0.08	26	45	0.2	12	1300	46	5.06	5	263	0.19	146	10	8	10
JM RC-37-07	116	118	106519 EXT		0.153	0.6	6.38	14	80	0.5	5	0.11	0.5	17	26	2830	5.39	2.12	0.07	29	73	0.21	13	1060	59	5.79	5	245	0.15	133	10	6	10
JM RC-37-07	118	120	106520 EXT		0.103	0.5	6.78	8	110	0.5	2	0.1	0.5	14	17	1780	5.91	1.66	0.04	33	101	0.17	9	930	84	10	5	211	0.07	95	10	4	10
JM RC-37-07	120	122	106521 EXT		0.347	0.4	7.9	44	110	0.5	6	0.12	0.7	15	18	9360	6.21	2.09	0.1	30	102	0.23	13	1080	48	7.15	5	332	0.17	110	10	7	30
JM RC-37-07	122	124	106522 EXT		0.26	0.5	8.5	47	430	0.5	6	0.15	0.7	13	36	3380	9.5	1.66	0.33	37	71	0.23	13	1370	61	3.17	5	418	0.3	103	10	10	10
JM RC-37-07	124	126	106523 EXT		0.189	0.7	6.17	26	80	0.5	2	0.13	0.6	14	30	3320	6.47	2.16	0.08	33	48	0.21	9	1270	145	7.15	5	341	0.14	124	10	7	10
JM RC-37-07	126	128	106524 EXT		0.181	0.5	6.37	71	130	0.5	4	0.13	0.6	16	20	3780	5.8	2.28	0.08	29	51	0.19	9	1190	44	5.26	5	253	0.13	136	10	9	10
JM RC-37-07	128	130	106525 EXT		0.148	0.5	6.18	29	80	0.5	5	0.13	0.5	18	19	4310	6.19	2.06	0.07	29	45	0.22	9	1260	44	7.02	5	268	0.17	136	10	4	10
JM RC-37-07	130	132	106526 EXT		0.304	1	6.42	71	70	0.5	7	0.13	0.6	13	30	4800	6.01	2.36	0.09	28	67	0.26	7	1260	43	7.75	5	288	0.14	161	10	4	10
JM RC-37-07	132	134	106527 EXT		0.196	0.7	6.14	67	80	0.5	6	0.14	0.6	16	21	4630	6.78	2.34	0.09	29	65	0.32	6	1490	43	6.38	5	285	0.15	152	10	10	20
JM RC-37-07	134	136	106528 EXT		0.233	0.7	7.9	32	160	0.5	6	0.13	0.6	20

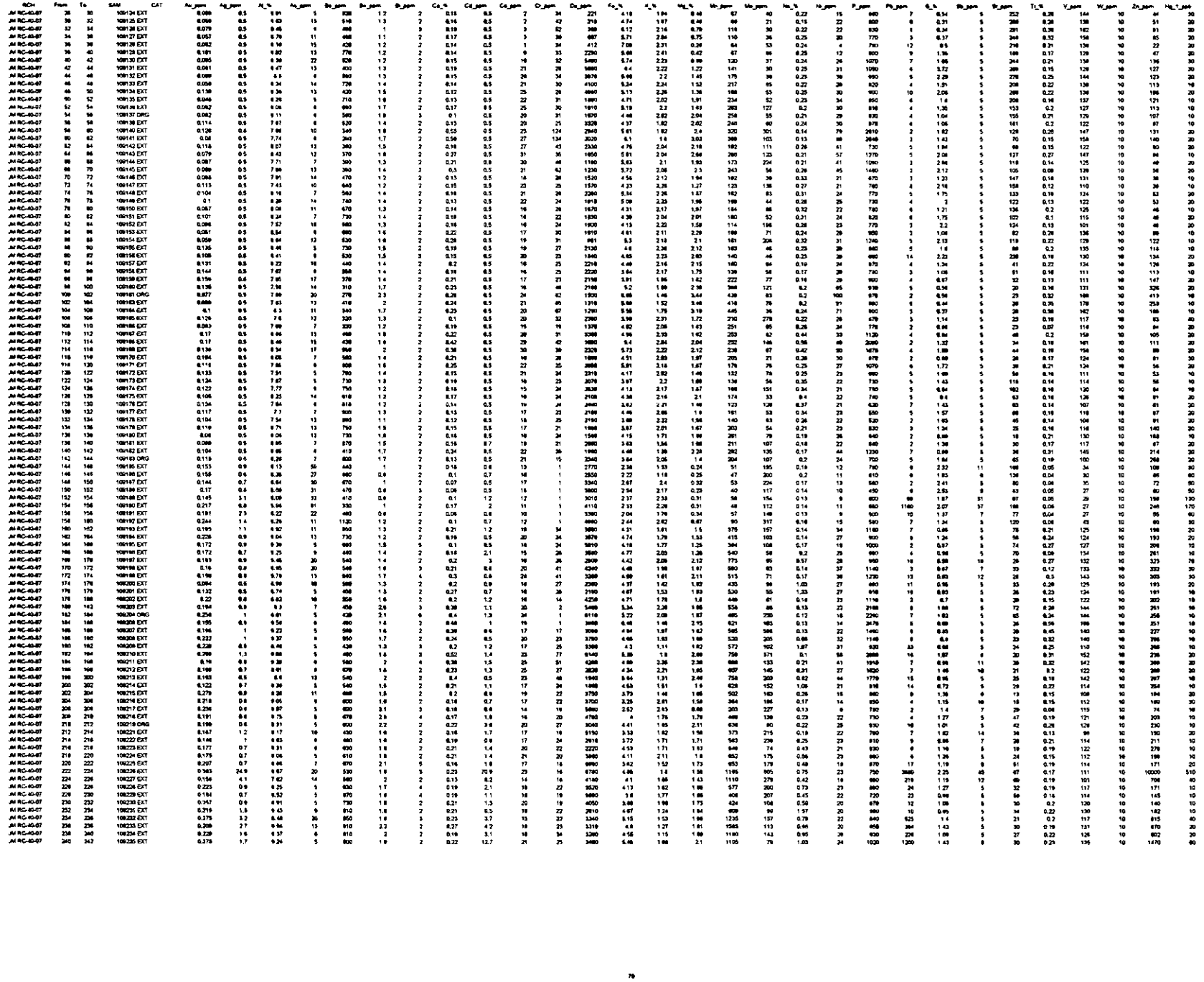
ROH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-37-07	164	166	108544	EXT	0.215	1.1	5.77	10	250	0.5	4	0.04	0.5	5	17	3080	3.24	2.25	0.1	32	65	0.1	7	350	21	3.36	5	9	0.07	33	10	8	30
JM RC-37-07	166	168	108545	EXT	0.148	0.8	5.47	54	210	0.5	5	0.03	0.5	9	9	3020	5.06	1.84	0.07	41	40	0.1	4	340	31	5.35	5	10	0.08	34	10	13	35
JM RC-37-07	168	170	108546	EXT	0.122	0.7	5.33	43	210	0.5	3	0.03	0.5	10	9	3100	5.29	1.89	0.07	37	33	0.09	5	350	29	5.8	5	10	0.08	33	10	9	30
JM RC-37-07	170	172	108547	EXT	0.116	1	5.2	91	130	0.5	3	0.03	0.5	8	8	1950	4.01	2.04	0.08	27	41	0.1	4	410	50	4.77	5	171	0.05	24	10	10	40
JM RC-37-07	172	174	108548	EXT	0.242	1.2	6.36	26	180	0.5	4	0.05	0.5	5	14	4070	3.79	2.47	0.15	32	35	0.12	6	560	47	3.67	5	164	0.13	42	10	9	45
JM RC-37-07	174	176	108549	EXT	0.322	1.7	5.53	10	260	0.7	4	0.05	0.5	6	9	4660	4.36	2.01	0.11	41	60	0.12	4	900	127	4.57	5	144	0.08	36	10	12	30
JM RC-37-07	176	178	108550	EXT	0.161	1.1	5.29	10	260	0.6	2	0.04	0.5	7	10	2460	3.27	1.81	0.1	42	47	0.14	5	400	51	3.9	5	127	0.05	28	10	13	25
JM RC-37-07	178	180	108551	EXT	0.134	0.9	5.51	34	160	0.5	4	0.04	0.5	7	10	1950	3.06	2.05	0.1	36	36	0.15	6	350	51	5.41	5	121	0.05	25	10	9	20
JM RC-37-07	180	182	108552	EXT	0.154	0.8	5.2	47	360	0.6	4	0.04	0.5	11	15	2520	2.94	2.02	0.11	37	51	0.13	5	360	52	2.66	5	126	0.05	25	10	9	30
JM RC-37-07	182	184	108553	EXT	0.111	0.8	5.21	24	170	0.5	2	0.03	0.5	7	9	1190	5.61	1.82	0.07	32	44	0.12	4	370	30	5.21	5	78	0.04	22	10	9	15
JM RC-37-07	184	186	108554	EXT	0.231	1.2	5.48	98	330	0.6	4	0.05	0.5	7	8	3740	2.86	1.98	0.1	39	44	0.12	3	320	29	2.9	5	83	0.05	25	10	8	35
JM RC-37-07	186	188	108555	EXT	0.195	0.7	5.47	17	220	0.5	5	0.03	0.5	8	9	3050	3.51	1.94	0.11	37	42	0.12	5	280	35	3.48	5	84	0.06	31	10	9	20
JM RC-37-07	188	190	108556	EXT	0.311	1.2	5.67	14	260	0.6	4	0.04	0.5	12	9	3810	3.96	2.29	0.12	42	72	0.16	6	460	46	4.09	5	160	0.06	33	10	11	30
JM RC-37-07	190	192	108557	EXT	0.347	2	6.52	88	130	0.6	5	0.06	0.5	16	17	5130	6.01	2.72	0.14	36	46	0.24	9	610	27	7.44	5	267	0.11	100	10	13	105
JM RC-37-07	192	194	108558	EXT	0.254	0.8	6.52	73	230	0.7	3	0.1	0.7	14	21	3460	4.5	2.58	0.2	38	44	0.25	7	1010	33	4.63	5	208	0.28	144	10	16	40
JM RC-37-07	194	196	108559	ORG	0.693	1	6.56	6	170	0.5	2	0.05	0.6	15	14	2080	3.89	2.34	0.13	31	37	0.14	7	470	19	3.9	5	139	0.08	50	10	12	35
JM RC-37-07	196	198	108561	EXT	0.274	1.1	5.56	13	260	0.6	3	0.04	0.6	12	9	2620	3.16	2.23	0.14	39	71	0.16	5	520	39	3.68	5	126	0.07	32	10	9	40
JM RC-37-07	198	200	108562	EXT	0.2	1.2	5.56	36	140	0.5	4	0.06	0.5	11	14	3630	4.91	2	0.14	36	72	0.19	6	540	39	4.84	5	200	0.12	78	10	16	45
JM RC-37-07	200	202	108563	EXT	0.148	1.3	5.2	72	180	0.5	3	0.06	0.5	9	17	3630	3.64	1.74	0.09	36	76	0.2	9	530	52	4.24	5	205	0.1	80	10	8	45
JM RC-37-07	202	204	108564	EXT	0.297	0.9	7.4	79	300	0.7	6	0.06	0.5	20	185	3130	4.44	1.76	0.77	53	46	0.12	10	630	17	3.45	5	368	0.16	126	10	36	30
JM RC-37-07	204	206	108565	EXT	0.176	0.5	7.6	21	260	0.7	3	0.05	0.6	20	121	1310	4.85	1.79	1.09	77	50	0.11	29	460	30	3.15	5	267	0.2	119	10	53	15
JM RC-37-07	206	208	108566	EXT	0.141	0.8	8.99	55	150	0.5	4	0.03	0.5	13	16	2610	3.88	2.3	0.22	36	57	0.17	15	370	39	3.77	5	123	0.11	57	10	35	40
JM RC-37-07	208	210	108567	EXT	0.18	1.1	5.26	64	260	0.5	5	0.04	0.6	12	10	3140	4.42	1.83	0.13	51	58	0.19	10	500	36	4.68	5	186	0.08	70	10	20	75
JM RC-37-07	210	212	108568	EXT	0.198	1.3	6.14	151	180	0.5	4	0.04	0.7	13	44	2310	3.76	2.06	0.19	46	71	0.15	25	380	19	3.78	5	104	0.1	54	10	34	85
JM RC-37-07	212	214	108569	EXT	0.278	0.5	8.52	20	300	1.2	3	0.06	0.7	26	164	1930	6.18	3.02	2.08	268	48	0.12	137	700	19	3.04	5	293	0.3	183	10	126	15
JM RC-37-07	214	216	108570	EXT	0.191	1.2	10.9	17	330	1.3	2	0.08	0.8	27	164	1720	6.79	2.23	2.96	547	27	0.14	127	810	12	3.08	5	241	0.49	183	10	156	10
JM RC-37-07	216	218	108571	EXT	0.195	0.5	9.28	18	400	1.2	4	0.08	0.8	34	111	3030	5	2.12	1.91	222	57	0.22	83	910	17	3.8	5	282	0.28	173	10	122	10
JM RC-37-07	218	220	108572	EXT	0.177	0.5	8.18	8	260	1.1	2	0.08	0.8	24	24	1580	6.48	2.97	1.18	118	46	0.41	21	660	21	5.84	5	260	0.18	175	10	66	10
JM RC-37-07	220	222	108573	EXT	0.253	0.5	8.31	6	170	0.9	2	0.08	0.8	17	18	3520	5.93	2.36	0.72	67	106	0.39	14	730	40	5.37	5	310	0.18	156	10	61	10
JM RC-37-07	222	224	108574	EXT	0.178	0.5	8.11	7	270	1	2	0.1	0.8	21	20	2360	6.13	2.29	1.22	96	66	0.44	17	730	29	4.98	5	260	0.22	177	10	74	10
JM RC-37-07	224	226	108575	EXT	0.235	0.5	8.28	5	290	0.9	2	0.08	0.7	15	16	1940	5.36	2.16	0.48	78	34	0.37	13	540	22	3.84	5	191	0.22	144	10	62	10
JM RC-37-07	226	228	108576	EXT	0.198	0.5	8.22	11	270	0.9	2	0.07	0.8	16	22	1530	5.86	2.16	0.71	54	27	0.41	15	480	17	5.24	5	173	0.2	114	10	48	35
JM RC-37-07	228	230	108577	EXT	0.298	0.9	8.36	15	250	1	3	0.07	0.8	17	36	2070	5.22	2.34	1.03	77	66	0.26	36	710	19	3.8	5	276	0.21	123	10	54	10
JM RC-37-07	230	232	108578	EXT	0.196	0.7	7.14	43	240	0.6	2	0.06	0.6	14	34	2730	5.12	2.44	0.3	38	44	0.17	19	640	19	5	5	186	0.13	78	10	36	20
JM RC-37-07	232	234	108579	EXT	0.264	1.3	7.42	22	340	0.7	2	0.07	0.8	11	36	2160	4.98	2.4	0.59	45	32	0.19	22	700	13	4.83	5	263	0.12	74	10	29	15
JM RC-37-07	234	236	108580	EXT	0.126	0.6	6.3	16	350	0.7	2	0.07	0.5	15	16	1720	4.68	2.29	0.47	61	60	0.21	21	570	14	4.11	5	202	0.14	102	10	30	15
JM RC-37-07	236	238	108581	EXT	0.199	0.9	8.83	47	230	0.9	2	0.06	0.5	16	37	2450	5.85	2.33	0.61	67	71	0.22	31	630	24	5.41	5	326	0.19	121	10	34	20
JM RC-37-07	238	240	108582	EXT	0.144	0.7	8.5	34	340	0.9	2	0.06	0.6	15	19	1910	5.04	2.01	0.39	63	25	0.17	21	460	14	4.61	5	158	0.11	91	10	16	10
JM RC-37-07	240	242	108583	ORG	0.133	0.6	6.32	136	150	0.6	3	0.04	0.6	13	13	2130	4.37	2.1	0.26	54	36	0.17	15	360	16	4.23	5	165	0.08	58	10	15	10
JM RC-37-07	242	244	108585	EXT	0.103	0.7	6.32	115	200	0.5	2	0.04	0.5	11	9	2310	3.42	2.12	0.2	46	46	0.14	8	400	26	4.34	5	205	0.1	74	10	9	10
JM RC-37-07	244	246	108586	EXT	0.099	1.2	8.06	97	330	0.5	2	0.04	0.5	7	6	1900	3.17	2.36	0.16	48	47	0.16	4	360	46	2.92	5	108	0.07	39	10	8	10
JM RC-37-07	246	248	108587	EXT	0.15	0.7	9.4	66	290	0.6	2	0.07	0.7	15	14	2400	5.61	1.96	0.2	61	62	0.17	15	580	41	5.79	5	178	0.1	80	10	20	10
JM RC-37-07	248	250	108588	EXT	0.156	0.7	8.47	24	220	0.6	2	0.07	0.5	17	12	1780	4.3	2.11	0.26	63	36	0.22	20	540	28	4.21	5	175	0.12	74	10	11	10
JM RC-37-07	250	252	108589	EXT	0.159	0.5	8.42	22	240	0.9	2	0.1	0.5	14	14	2250	4.51	1.98	0.32	58	39	0.35	18	750	31	4.17	5	208	0.2	141	10	29	10
JM RC-37-07	252	254	108590	EXT	0.145	0.5	8.98	42	210	1.1	2	0.11	0.6	13	25	1540	3.3	1.68	0.37	54	57	0.46	21	1060	19	3.56	5	272	0.3	135	10	14	10
JM RC-37-07	254	256	108591	EXT	0.183	0.5	8.6	34	170	0.9	2	0.09	0.8	20	17	1910	6.13	2.15	0.35	90	45	0.42	15	700	16	6.06	5	247	0.21	135	10	16	10
JM RC-37-07	256	258	108592	EXT	0.17	0.5	9.8	18	300	1.2	2	0.1	0.5	15	16	1380	4.08	1.81	0.17	51	46	0.62	18	950	20	4.16	5	478	0.2	156	10	11	10
JM RC-37-07	258	260	108593	EXT	0.344	0.8	7.29	39	80	0.8	2	0.1	0.5	17	14	1660	6.44	1.92	0.21	51	32	0.44	15	770	15	6.75	6	195	0.16	112	10	11	30
JM RC-37-07	260	262	108594	EXT	0.167	0.8	7.05	14	120	0.8	2	0.09	0.5	17	14	1530	6.11	2.22	0.26	60	32	0.4	8	540	14	6.04	5	127	0.14	104	10	4	30
JM RC-37-07	262	264	108595	EXT	0.204	0.6	6.64	21	360	1.2	2	0.1	0.5	18	18	1160	3.85	2.19	0.22	40	28	0.46	26	630	13	3.91	5	142	0.29	166	10	14	35
JM RC-37-07	264	266	108596	EXT	0.146	0.5	6.8	14	360	1.5	2	0.1	0.5	18	17	1310	3.41	1.96	0.22	45	44	0.53	23	880	11	3.36	5	160	0.27	143	10	24	10
JM RC-37-07	266	268	108597	EXT	0.177	0.5	8.86	13	230	1.7	2	0.13	0.5	15	16	1150	4.47	2.11	0.42	81	27	0.54	18	1170	16	4.12	5	198	0.18	156	10	61	10
JM RC-37-07	268	270	108598	EXT	0.183	0.5	7.45	13	190	1.3	2	0.12	0.5	23	14	1110	7.7	2.48	0.53	90	34	0.34	13	600	13	7.47	5	129	0.13	143	10	40	10
JM RC-37-07	270	272	108599	EXT	0.178	0.5	7.21	13	220	1.3	2	0.13	0.5	27	17	1980	5.04	1.83	0.83	116	45	0.38	13	1130	18	4.27	5	150	0.2	134	10	61	10
JM RC-37-07	272	274	108600	EXT	0.192	0.7	7.62	14	130	1.2	2	0.11	0.5	29	13	1240	5.73	2.04	0.43	96	35	0.47	11	840	28	5.89	5	198	0.19	136	10	34	10
JM RC-37-07	274	276	108601	EXT	0.166	0.5	7.43	20	230	1.1	2	0.12	0.7	23	11	1140	4.7	2.09	0.57	73	19	0.56	11	660	16	4.37	6	113	0.29	130	10	80	45
JM RC-37-07	276	278	108602	ORG	0.166	0.5	7.01	16	230	0.8	2	0.1	0.6	14	14	1660	4.61	1.94	0.38	76	36	0.4	11	640	15	4.4	5	131	0.16	115	10	61	30
JM RC-37-07	278	280	108604	EXT	0.225	0.6	7.59	28	190	1	2	0.09	0.5	18	11	1660	5.68	2.24	0.54	84	30	0.41	8	910	13	4.56	5	88	0.22	119	10	41	30
JM RC-37-07	280	282	108605	EXT	0.223	0.5	7.51	17	170	1.1	2	0.1	0.5	15	9	2130	5.01	2.02	0.95	97	26	0.51	10	640	14	4.32	5	83	0.18	115	10	48	10
JM RC-37-07	282	284	108606	EXT	0.126	0.5	7.69	27	190	1.1	2	0.11	0.5	11	13	1270	4.55	2.13	0.35	61	46	0.57	10	610	15	4.27	5	103	0.25	124	10	22	35
JM RC-37-07	284	286	108607	EXT	0.193	0.5	7.85	13	190	1.4	2	0.21	0.5	13	18	1360	5.25	1.91	0.9	162	31	0.5	18	630	16	3.96	5	113	0.33	123	10	46	30
JM RC-37-07	286	288	108608	EXT	0.145	0.5	7.84	12	210	1.6	2	0.17	0.5	13	9	747	4.95	1.54	1.23	273	20	0.54	8	960	10	2.38	5	114	0.42	122	10	102	55
JM RC-37-07	288	290	108609	EAT	0.17	0.8	6.03	16	280	1.5	2	0.15	0.5	16	9	1370	4.29	2.3	0.84	166	40	0.45	6	1650	46	2.62	5	161	0.2	157	10	116	65
JM RC-37-07	290	292	108610	EXT	0.166	0.5	7.49	15	230	1.3	2	0.14	0.5	16	12	1600	5.1	2.38	0.72	191	38	0.55	19	1010	11	3.84	5	135	0.16	123	10	85	15
JM RC-37-07	292	294	108611	EXT	0.203	0.6	7.3	43	140	1.4	2	0.25	0.5	16	8	1760	5.22	2.33	0.45	79	57	0.43	9	660	50	5.02	4	72	0.15	123	10	127	65
JM RC-37-07	294	296	108612	EXT	0.139	0.5	7.78	23	210	1.3	2	0.24	0.5	13	11	1690	4.78	1.91	0.67	160	35	0.63	13	1250	16	3.92	5	121	0.32	132	10	46	20
JM RC-37-07	296	298	108613	EXT	0.212	0.8	8.08	16	190	1.5	2	0.19	0.5	15	15	1970	5.52	2.07	0.4	137	44	0.8	13	1100	19	4.8	5	88	0.22	127	10	240	20
JM RC-37-07	298	300	108614	EXT	0.237	0.5	7.71	15	230	1.3	2	0.22	0.5	17	12	1820	5.11	1.4	1.22	291	39	1.46	16	1130	12	2.67	5	88	0.22	117	10	173	15
JM RC-37-07	300	302	108615	EXT	0.193	0.5	8.25	13	360	1.5	2	0.22	0.5	14	14	1430	5	1.51	1.39	291	39	1.21	12	1340	11	2.12	5	102	0.11	139	10	186	15
JM RC-37-07	302	304	108616	EXT	0.136	0.5	6.45	14	370	1.6	2	0.27	0.9	14	15	1100	5.03	1.78	1.56	333	22	1.05	13	1340	11	1.36	5	107	0.08	142	10	194	10
JM RC-37-07	304	306	108617	EXT	0.187	0.5	8.41	9	370	1.4	2	0.29	0.5	12	14	1440	5.01	1.77	1.57	337	36	1.04	12	1360	7	1.98	5	98	0.21	139	10	215	10
JM RC-37-07	306	308	108618	EXT	0.161	0.5	8.41	14	370	1.6	2	0.25	0.5	14	13	1540	5.1	2.02	1.4	332	40	0.85	12	1260	7	1.94	5	80	0.1	139	10	233	10
JM RC-37-07	308	310	108619	EXT	0.217	0.5	9	16	330	1.3	2	0.2	0.5	12	14	1460	4.86	1.78	1.41	346	47	1.08	12	1140	6	1.88	5	97	0.18	154	10	240	10
JM RC-37-07	310	312	108620	EXT	0.247	0.5	8.48	15	290	1.6	2	0.36	0.5	13	15	1970	5.84	1.73	1.63	465	23	1.16	13	1360	9	0.91	5	88	0.13	140	10	278	10
JM RC-37-07	312	314	108621	ORG	0.21	0.5	7.85	16	270	1.3	2	0.18	0.5	16	16	1360	5.1	1.88	1.33	371	30	1.51	13	1190	15	2.63	5	86	0.16	124	10	196	10
JM RC-37-07	314	316	108623	EXT	0.208	0.5	7.77	10	270	1.4	2	0.18	0.5	12	11	1530	5.26	1.98	1.44	358	44	1.25	11	1170	6	2.19	5	79	0.19	134	10	186	10
JM RC-37-07	316	318	108624	EXT	0.224	0.5	8.28	14	310	1.5	2	0.25	0.5	14	17	1360	5.72	2.15	1.63	382	32	0.55	16	1600	7	1.67	5	91	0.1	155	10	160	10
JM RC-37-07	318	320	108625	EXT	0.164	0.5	8.38	16	300	1.3	2	0.28	0.5	12	15	1530	5.87	1.86	1.63	379	41	1	14	1660	9	1.62	5	83	0.27	161	10	203	10
JM RC-37-07	320	322	108626	EXT	0.231	0.6	7.32	20	150	1.2	2	0.22	0.5	19	11	1660	6.99	2.35	0.78	154	54	0.39	13	1300	12	5.93	8	122	0.22	136	10	114	30
JM RC-37-07	322	324	108627	EXT	0.171	0.5	7.83	9	360	1.4	2	0.14	0.5	12	13	1970	4.95	1.99	1.43	268	30	0.52	11	960	5	2.14	5	99	0.09	130	10	134	10
JM RC-37-07	324	326	108628	EXT	0.227	0.6	8.16	16	440	1.6	2	0.15	0.5	12	22	1750	5.05	1.73	1.5	308	37	1.05	19	880	9	2.14	8	76	0.22	154	10	173	10
JM RC-37-07	326	328	108629	EXT	0.236	0.6	7.95	17	360	1.6	2	0.26	0.5	17	41	1730	5.8	1.54	1.78	538	30	1.24	34	1360	9	2.44	8	80	0.21	185	10	162	15
JM RC-37-07	328	330	108630	EXT	0.311	0.7	8.62	16	410	2.2	2	0.45	0.5	17	17	2550	6.12	1.79	1.65	399	47	1.67	14	1950	18	1.67	5	88	0.24	241	10	241	15
JM RC-37-07	330	332	108631	EXT	0.228	0.6	9.05	15	370	2.2	2	0.37	0.5	13	19	2040	4.65	1.36	1.67	377	33	2.19	15	1310	16	1.23	5	116	0.3	139	10	243	15
JM RC-37-07	332	334	108632	EXT	0.225	0.5	8.11	17	400	2.1	2	0.26	0.5	14	15	1660	5.5	1.48	1.31	248	41	1.27	15	1230	10	2.27	5	82	0.25	134	10	168	10
JM RC-37-07	334	336	108633	EXT	0.283	0.5	8.84	18	350	1.7	2	0.16	0.5	12	12	2070	5.53	1.7	1.87	174	42	0.8	12	1050	18	3.82	5	77	0.29	129	10	83	10
JM RC-37-07	336	338	108634	EXT	0.715	0.9	8.58	46	160	1.1	2	0.09	0.5	14	16	2310	4.72	1.7	0.24	78	91	0.4	19	710	13	4.52	6	96	0.15	77	10	36	35
JM RC-37-07	338	340	108635	EXT	0.18	1.2	5.41	118	120	0.9	2	0.04	0.5	9	9	2230	5.42	1.97	0.11	95	57	0.21	8	530	11	5.1	5	124	0.52	82	10	14	10
JM RC-37-07	340	342	108636	EXT	0.161	0.8	5.5	78	130	0.9	2	0.04	0.5	9	9	2220	5.15	1.87	0.12	94	76	0.22	8	470	9	2.72	5	100	0.68	84	10	14	10
JM RC-37-07	342	344	108637	EXT	0.166	0.8	6.5	31	150	0.9	2	0.07	0.6	14	9	2170	4.29	1.72	0.15	43	42	0.28	10	650	9	4.29	5	139	0.13	91	10	16	20
JM RC-37-07	344	346	108638	EXT	0.28	0.9	7.95	39	190	1.4	2	0.12	0.6	22	7	2480	5.64	1.76	0.25	62	36	0.66	12	840	13	3.89	5	91	0.13	125	10	125	20
JM RC-37-07	346	348	108639	EXT	0.268	0.5	9.13	17	300	1.8	2	0.13	0.5	25	7	1850	3.42	1.84	0.49	131	36	0.63	11	650	11	2.62	5	77	0.14	82	10	62	10
JM RC-37-07	348	350	108640	EXT	0.337	0.8	7.98	17	180

BCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-37-07	375	380	1098656 EXT		0.196	0.7	6.28	36	630	1.7	2	0.16	1.3	21	13	2950	3.42	1.72	0.48	181	51	0.56	16	760	15	2.37	5	129	0.36	79	10	157	20
JM RC-37-07	380	382	1098657 EXT		0.266	0.7	6.1	14	700	1.7	2	0.14	0.5	20	7	2740	3.57	1.91	0.56	138	49	0.59	10	668	9	1.46	5	36	0.15	62	10	133	10
JM RC-37-07	382	384	1098658 EXT		0.302	0.8	7.47	17	470	1.7	2	0.16	0.5	17	8	3670	2.67	1.68	0.4	118	29	0.39	9	718	9	1.89	5	36	0.16	67	10	69	20
JM RC-36-07	0	2	1098659 EXT		0.114	0.6	6.5	96	510	0.5	2	0.11	0.5	1	16	739	3.36	1.56	0.16	47	122	0.11	2	870	17	1	5	177	0.19	102	10	10	10
JM RC-36-07	2	4	1098660 EXT		0.095	0.5	6.39	12	620	0.5	2	0.12	0.5	1	16	38	1.67	1.53	0.09	38	44	0.1	2	1150	31	1.06	5	221	0.19	79	10	9	40
JM RC-36-07	4	6	1098661 EXT		0.12	0.5	4.91	18	630	0.5	2	0.08	0.5	1	12	34	2.17	1.42	0.06	42	44	0.06	7	630	20	0.85	5	158	0.1	44	10	5	20
JM RC-36-07	6	8	1098662 EXT		0.124	1.2	4.88	64	840	0.5	2	0.04	0.5	1	8	43	1.88	1.37	0.08	43	54	0.05	1	445	12	0.73	21	113	0.07	24	10	7	20
JM RC-36-07	8	10	1098663 EXT		0.148	0.8	5.06	62	590	0.5	2	0.04	0.5	1	8	21	2.46	2.06	0.09	44	62	0.11	2	540	13	1.9	16	90	0.08	30	10	7	20
JM RC-36-07	10	12	1098664 EXT		0.089	0.6	5.22	67	250	0.5	2	0.03	0.5	2	8	51	2.49	2.23	0.09	46	62	0.11	2	520	14	1.63	21	86	0.05	22	10	7	20
JM RC-36-07	12	14	1098665 EXT		0.085	0.5	4.59	69	830	0.5	2	0.03	0.5	1	9	35	1.99	1.27	0.03	44	982	0.06	1	390	17	1.05	5	134	0.05	20	10	6	10
JM RC-36-07	14	16	1098666 EXT		0.212	1.2	4.94	36	850	0.5	2	0.06	0.5	1	9	39	2.02	1.4	0.06	48	291	0.12	1	630	24	1.48	7	147	0.11	44	10	6	40
JM RC-36-07	16	18	1098667 EXT		0.072	0.4	5.52	53	270	0.5	2	0.12	0.5	1	13	25	2.12	1.6	0.03	44	118	0.12	1	840	38	2.9	5	210	0.2	65	10	4	10
JM RC-36-07	18	20	1098668 EXT		0.052	0.5	6.84	21	160	0.5	2	0.12	0.5	5	16	47	2.88	1.74	0.09	40	162	0.25	4	1080	52	2.61	5	187	0.21	88	10	9	20
JM RC-36-07	20	22	1098669 EXT		0.125	0.6	6.95	36	160	0.5	2	0.1	0.5	5	14	190	2.64	1.86	0.08	31	77	0.19	4	1040	40	3.81	5	146	0.2	93	10	4	10
JM RC-36-07	22	24	1098670 EXT		0.239	0.9	6.79	175	90	0.5	2	0.09	0.5	6	14	156	3.96	1.41	0.03	30	78	0.2	4	1030	33	4.66	5	255	0.15	78	10	2	20
JM RC-36-07	24	26	1098671 ORG		0.047	0.7	7.83	46	170	0.5	2	0.1	0.5	14	18	2467	4.19	2.63	0.15	23	58	0.13	9	940	29	4.36	5	212	0.25	132	10	70	70
JM RC-36-07	26	28	1098673 EXT		0.185	0.8	7.61	148	100	0.5	2	0.11	0.5	53	13	7450	4.43	2.38	0.12	34	65	0.14	29	960	31	5.7	7	162	0.13	118	10	14	80
JM RC-36-07	28	30	1098674 EXT		0.115	0.5	6.56	45	40	0.5	2	0.08	0.5	30	9	6750	4.19	1.8	0.09	31	99	0.12	16	760	39	4.87	7	227	0.12	88	10	6	40
JM RC-36-07	30	32	1098675 EXT		0.036	0.5	3.95	16	110	0.5	2	0.03	0.5	32	5	2360	2.98	0.88	0.01	55	38	0.1	15	400	8	3.58	5	161	0.03	18	20	17	30
JM RC-36-07	32	34	1098676 EXT		0.081	0.6	3.91	16	60	0.5	2	0.02	0.5	16	5	1630	3.19	1.25	0.03	48	48	0.05	9	330	9	3.05	5	119	0.03	18	10	6	10
JM RC-36-07	34	36	1098677 EXT		0.082	0.5	2.91	59	200	0.5	2	0.01	0.5	9	3	554	1.54	1.1	0.03	30	36	0.03	2	190	8	1.49	5	52	0.03	11	10	7	20
JM RC-36-07	36	38	1098678 EXT		0.109	0.6	2.9	63	110	0.5	2	0.01	0.5	7	2	562	1.79	1.02	0.02	28	78	0.04	2	350	7	1.66	16	51	0.03	15	10	6	20
JM RC-36-07	38	40	1098679 EXT		0.164	0.6	6.6	49	190	0.5	2	0.09	0.5	12	14	2650	3.58	2.66	0.22	22	37	0.13	7	880	23	3.45	5	304	0.28	128	10	5	40
JM RC-36-07	40	42	1098680 EXT		0.158	0.8	6.91	197	110	0.5	2	0.11	0.5	17	17	1190	5.5	2.33	0.14	22	52	0.12	9	1050	38	5.67	6	287	0.21	136	10	5	20
JM RC-36-07	42	44	1098681 EXT		0.219	0.9	8.03	30	180	0.5	2	0.09	0.5	15	17	2170	4.6	2.68	0.21	18	66	0.11	7	780	13	4.08	6	166	0.33	144	10	7	40
JM RC-36-07	44	46	1098682 EXT		0.215	1.2	7.48	50	110	0.5	2	0.1	0.5	19	8	2420	4.84	2.2	0.12	27	88	0.1	10	830	30	5.06	16	190	0.13	82	10	6	60
JM RC-36-07	46	48	1098683 EXT		0.179	1	7.29	14	80	0.5	2	0.1	0.5	11	7	1750	4.61	2.43	0.13	23	34	0.08	4	820	32	5.02	5	126	0.13	58	10	6	30
JM RC-36-07	48	50	1098684 EXT		0.246	1.2	7.32	13	170	0.5	2	0.1	0.5	10	8	2250	4.19	2.58	0.17	27	64	0.08	4	880	23	4	5	161	0.18	54	10	5	30
JM RC-36-07	50	52	1098685 EXT		0.104	0.6	6.49	28	90	0.5	2	0.08	0.5	14	43	965	4.01	1.62	0.07	37	70	0.07	33	1000	29	3.96	5	173	0.12	50	10	5	10
JM RC-36-07	52	54	1098686 EXT		0.091	0.8	7.05	26	60	0.5	2	0.11	0.5	12	7	800	5.09	2.07	0.07	54	63	0.1	6	1060	30	5.35	5	156	0.15	58	10	4	10
JM RC-36-07	54	56	1098687 EXT		0.118	0.7	6.65	35	60	0.5	2	0.08	0.5	12	8	533	5.83	2.67	0.05	41	144	0.17	3	950	24	5.63	6	133	0.12	47	10	5	10
JM RC-36-07	56	58	1098688 EXT		0.072	0.6	7.47	17	130	0.5	2	0.06	0.5	14	8	566	4.49	2.62	0.07	30	58	0.11	3	1060	21	4.56	7	136	0.16	58	10	4	10
JM RC-36-07	58	60	1098689 EXT		0.052	0.5	6.18	9	100	0.5	2	0.07	0.5	10	8	107	3.31	1.44	0.03	28	66	0.1	3	820	18	3.53	5	170	0.08	41	10	3	10
JM RC-36-07	60	62	1098690 EXT		0.036	0.5	5.08	12	160	0.5	2	0.03	0.5	7	4	127	3.83	2	0.04	34	30	0.05	2	450	13	2.94	5	150	0.04	22	10	4	10
JM RC-36-07	62	64	1098691 EXT		0.045	0.6	5.42	14	210	0.5	2	0.03	0.5	7	4	90	2.49	1.56	0.02	33	22	0.07	4	960	14	2.5	5	175	0.05	24	10	3	10
JM RC-36-07	64	66	1098692 EXT		0.335	2.5	7.53	17	130	0.6	2	0.07	0.5	41	6	1320	4.16	2.06	0.11	93	162	0.08	16	940	29	4.34	9	168	0.14	68	10	7	20
JM RC-36-07	66	68	1098693 EXT		0.529	1.6	7.67	11	190	0.5	2	0.09	0.5	18	5	2340	3.72	3.07	0.17	24	99	0.1	4	910	30	3.58	6	245	0.19	97	10	4	30
JM RC-36-07	68	70	1098694 ORG		0.341	2.5	7.28	29	200	0.5	2	0.07	0.5	7	5	2670	3.63	2.74	0.13	30	37	0.11	4	890	29	3.92	9	259	0.2	56	10	4	30
JM RC-36-07	70	72	1098696 EXT		0.199	2.4	7.45	36	110	0.6	2	0.08	0.5	9	7	2750	3.67	2.82	0.13	27	59	0.1	6	1020	28	3.5	10	207	0.18	56	10	4	30
JM RC-36-07	72	74	1098697 EXT		0.205	2.1	8.02	17	190	0.5	2	0.1	0.5	9	9	3130	3.4	3.17	0.19	25	51	0.1	5	980	24	3.12	9	231	0.2	58	10	4	30
JM RC-36-07	74	76	1098698 EXT		0.872	1.1	6.72	34	100	0.7	2	0.07	0.5	10	4	1570	3.35	2.43	0.08	27	93	0.12	5	900	29	3.41	9	147	0.14	47	10	3	20
JM RC-36-07	76	78	1098699 EXT		0.071	1.2	7.54	25	210	0.7	4	0.09	0.5	14	4	2400	3.46	2.65	0.14	23	76	0.1	4	870	30	3.38	9	218	0.22	58	10	2	20
JM RC-36-07	78	80	1098700 EXT		0.05	0.6	7.38	27	110	0.6	2	0.08	0.6	11	5	1090	3.46	2.36	0.09	27	45	0.14	2	830	33	3.64	9	258	0.16	68	10	2	10
JM RC-36-07	80	82	1098701 EXT		0.123	1.3	6.95	24	80	0.6	3	0.1	0.6	21	3	2610	3.52	2.42	0.08	29	114	0.11	7	1020	30	3.98	9	259	0.14	51	10	2	10
JM RC-36-07	82	84	1098702 EXT		0.048	0.5	6.91	47	170	0.7	5	0.09	0.6	60	4	1490	5.5	1.62	0.06	39	46	0.06	31	1230	44	3.8	5	168	0.13	45	10	5	10
JM RC-36-07	84	86	1098703 EXT		0.828	0.5	8.33	37	100	0.6	2	0.06	0.5	15	6	448	3.46	1.72	0.04	30	531	0.12	4	970	55	4.67	5	298	0.14	84	10	16	10
JM RC-36-07	86	88	1098704 EXT		0.047	0.5	6.73	38	70	0.5	2	0.1	0.5	13	4	576	4.16	2.36	0.09	22	255	0.1	4	1040	46	4.67	5	248	0.15	52	10	3	10
JM RC-36-07	88	90	1098705 EXT		0.073	0.6	6.97	73	60	0.5	2	0.12	0.5	12	5	756	3.79	1.77	0.07	35	132	0.1	3	1050	66	4.3	6	206	0.15	49	10	3	10
JM RC-36-07	90	92	1098706 EXT		0.091	0.7	7.67	18	200	0.5	2	0.06	0.5	11	5	1650	2.84	2.04	0.17	29	106	0.11	3	780	16	2.75	5	215	0.13	51	10	2	10
JM RC-36-07	92	94	1098707 EXT		0.163	1	7.62	14	230	0.7	4	0.11	1.1	11	5	2330	3.99	3.14	0.23	34	55	0.13	3	980	10	2.73	5	257	0.23	57	10	47	10
JM RC-36-07	94	96	1098708 EXT		0.671	0.5	7.66	13	nv	0.7	4	0.14	0.5	9	4	1910	4.16	2.56	0.06	26	88	0.12	2	1050	30	4.67	5	200	0.15	46	10	2	10
JM RC-36-07	96	98	1098709 EXT		0.086	0.7	7.14	17	80	0.6	2	0.08	0.5	13	5	1720	4.3	2.27	0.12	29	84	0.12	5	940	12	4.48	5	164	0.09	58	10	3	10
JM RC-36-07	98	100	1098710 EXT		0.084	0.7	7.31	34	140	0.6	3	0.08	0.5	19	10	1420	4.9	2.97	0.2	22	72	0.13	6	1080	31	3.43	5	265	0.11	54	10	2	10
JM RC-36-07	100	102	1098711 EXT		0.279	1.4	7.92	31	330	0.7	3	0.09	0.5	9	5	3060	3.85	2.66	0.16	25	49	0.15	8	860	11	2.83	5	585	0.28	72	10	2	20
JM RC-36-07	102	104	1098712 EXT		0.158	1	7.27	14	210	0.6	3	0.08	0.5	11	3	1710	3.84	2.82	0.19	29	57	0.13	4	910	6	3.62	5	175	0.18	53	10	2	20
JM RC-36-07	104	106	1098713 EXT		0.299	1.3	7.48	100	170	0.7	6	0.09	0.5	12	2	3640	3.33	2.84	0.15	29	57	0.12	2	860	31	3.41	14	241	0.19	54	10	2	40
JM RC-36-07	106	108	1098714 EXT		0.041	0.5	7.53	25	110	0.6	2	0.03	0.6	8	4	377	3.39	2.74	0.06	34	136	0.21	2	690	20	3.79	5	157	0.13	43	10	4	10
JM RC-36-07	108	110	1098715 EXT		0.188	1.3	6.81	429	160	0.5	2	0.04	0.6	10	5	2620	3.09	2.47	0.09	27	37	0.11	2	580	16	2.88	32	180	0.11	37	10	6	30
JM RC-36-07	110	112	1098716 EXT		0.116	1	9.48	217	130	0.5	2	0.02	0.5	10	2	1360	2.48	1.88	0.05	28	111	0.11	4	330	11	2.86	11	100	0.07	16	10	3	10
JM RC-36-07	112	114	1098717 EXT		0.072	1	5.95	241	310	0.5	2	0.09	0.5	9	2	1880	2.08	2.31	0.11	21	62	0.12	1	370	17	2.11	6	139	0.08	17	10	2	10
JM RC-36-07	114	116	1098718 EXT		0.078	0.8	6.27	296	80	0.7	3	0.02	0.6	12	4	1000	3.18	2.07	0.06	29	120	0.1	2	370	9	3.11	5	117	0.08	18	10	10	20
JM RC-36-07	116	118	1098719 ORG		0.106	0.8	7.66	170	130	0.6	5	0.04	0.5	11	5	1860	3.57	2.58	0.17	21	79	0.11	3	810	20	3.64	5	198	0.11	41	10	2	20
JM RC-36-07	118	120	1098721 EXT		0.207	0.8	9.46	91	130	0.7	5	0.14	0.5	15	11	2400	4.19	2.58	0.16	19	45	0.13	4	1350	17	4.23	5	367	0.29	130	10	2	10
JM RC-36-07	120	122	1098722 EXT		0.102	0.5	7.9	27	160	0.7	3	0.09	0.5	9	13	806	4.21	2.66	0.06	18	54	0.14	1	1290	14	4.27	5	300	0.24	100	10	2	10
JM RC-36-07	122	124	1098723 EXT		0.032	0.5	6.32	18	200	0.6	2	0.02	0.5	6	3	95	2.98	2.14	0.04	28	57	0.11	1	400	6	2.56	5	84	0.08	18	10	2	10
JM RC-36-07	124	126	1098724 EXT		0.029	0.5	5.95	17	150	0.5	2	0.01	0.5	6	3	62	2.48	1.96	0.03	24	38	0.09	2	320	5	2.36	5	86	0.06	15	10	2	10
JM RC-36-07	126	128	1098725 EXT		0.038	0.5	6.85	18	100	0.5	2	0.02	0.5	7	3	340	3.18	2.28	0.08	27	90	0.1	2	360	12	3.08	5	103	0.09	18	10	2	10
JM RC-36-07	128	130	1098726 EXT		0.031	0.5	6.14	87	130	0.6	3	0.01	0.5	10	3	215	2.66	2.08	0.09	25	44	0.1	2	330	11	2.87	5	86	0.08	14	10	3	10
JM RC-36-07	130	132	1098727 EXT		0.04	0.5	6.43	21	210	0.6	2	0.02	0.5	8	3	130	2.47	2.14	0.09	29	54	0.09	2	360	10	2.22	5	82	0.1	18	10	2	10
JM RC-36-07	132	134	1098728 EXT		0.026	0.5	6.89	16	160	0.6	2	0.01	0.7	9	3	139	2.48	2.37	0.09	24	56	0.11	3	370	6	2.49	5	79	0.07	17	10	4	10
JM RC-36-07	134	136	1098729 EXT		0.036	0.5	6.8	12	210	0.6	2	0.01	0.6	7	2	149	2.47	2.29	0.09	30	116	0.11	3	360	9	2.5	5	114	0.06	15	10	5	10
JM RC-36-07	136	138	1098730 EXT		0.044	0.5	6.38	12	180	0.5	2	0.02	0.5	12	1	350	2.61	2.13	0.09	29	125	0.1	2	370	9	2.91	5	140	0.07	16	10	4	20
JM RC-36-07	138	140	1098731 EXT		0.029	0.5	6.48	11	200	0.5	2	0.01	0.5	14	2	94	2.42	2.18	0.08	28	85	0.09	5	370	8	2.22	5	108	0.07	15	10	6	10
JM RC-36-07	140	142	1098732 EXT		0.02	0.6	6.37	11	230	0.5	4	0.01	0.7	12	2	47	1.96	2.23	0.06	28	63	0.08	4	360	9	1.71	5	78	0.08	14	10	5	10
JM RC-36-07	142	144	1098733 EXT		0.027	0.5	6.32	13	260	0.5	3	0.01	2.6	24	2	62	2.09	2.12	0.06	28	106	0.13	15	360	9	2.1	5	81	0.07	14	10	20	10
JM RC-36-07	144	146	1098734 EXT		0.033	0.5	6.91	15	300	0.5	2	0.02	0.6	13	3	95	1.96	2.19	0.08	27	195	0.13	7	400	11	1.96	5	144	0.07	14	10	6	10
JM RC-36-07	146	148	1098735 EXT		0.044	0.5	6.75	16	240	0.5	2	0.02	0.6	6	2	64	2.08	2.57	0.06	30	116	0.17	1	460	11	2.67	5	127	0.08	14	10	3	10
JM RC-36-07	148	150	1098736 EXT		0.037	0.5	6.68	18	250	0.5	2	0.02	0.6	4	2	79	2.14	2.56	0.06	26	96	0.14	2	370	8	1.99	5	103	0.07	16	10	7	10
JM RC-36-07	150	152	1098737 EXT		0.098	0.5	6.43	14	300	0.5	2	0.01	0.5	4	2	304	2.57	1.86	0.05	32	142	0.12	4	370	8	2.51	5	89	0.05	7	10	4	10
JM RC-36-07	152	154	1098738 EXT		0.286	0.5	6.56	27	140	0.5	4	0.01	0.5	4	1	2640	2.98	2.2	0.04	26	188	0.12	3	390	7	2.42	5	86	0.03	9	10	3	20
JM RC-36-07	154	156	1098740 EXT		0.088	0.7	6.25	60	130	0.5	3	0.01	0.6	16	1	1760	2.88	2.88	0.05	32	78	0.1	4	350	13	2.54	5	91	0.04	16	10	4	10
JM RC-36-07	156	158	1098742 EXT		0.105	0.9	6.1	21	160	0.5	4	0.01	0.5	11	1	3170	2.86	2.89	0.06	25	62	0.06	2	280	11	2.96	5	80	0.06	14	10	5	30
JM RC-36-07	158	160	1098744 EXT		0.113	0.9	6.69	15	210	0.5	2	0.02	0.5	14	4	1630	3.57	2.17	0.07	32	133	0.12	4	370	13	3.47	5	82	0.08	16	10	4	10
JM RC-36-07	160	162	1098748 EXT		0.149	0.6	7.19	15	130	0.6	3	0.01	0.5	13	1	2460	2.34	2.88	0.06	27	129	0.12	2	370	8	3.17	5	84	0.05	20	10	4	10
JM RC-36-07	162	164	1098749 EXT		0.151	0.6	7.14	30	210	0.7	3	0.01	2.7	11	2	1720	2.69	2.74	0.06	29	62	0.14	2	450	10	2.39	5	88	0.07	25	10	13	20
JM RC-36-07	164	166	1098750 EXT		0.143	0.6	7.6	12	230	0.6	4	0.09	0.5	16	3	2080	3.31	2.85	0.16	30	98	0.17	4	1100	19	3.79	5	325	0.22	91	10	2	10
JM RC-36-07	166	168	1098752 EXT		0.166	0.5	9.73	14	400	0.6	2	0.15	0.6	16	3	2040	3.69	2.58	0.19	21	87	0.21	5	1650	13	2.26	5	715	0.38	131	10	3	10
JM RC-36-07	168	170	1098754 EXT		0.275	1	7.29	63	230	1.1	6	0.04	0.5	11	3	3360	3.61	2.86	0.13	22	62	0.16	2	880	18	2.62	5	148	0.15	66	10	3	20
JM RC-36-07	170	172	1098756 EXT		0.229	0.7	7.27	14	360	1.1	3	0.08	0.7	12	1	3460	3.1	2.9	0.13	25	134	0.2	4	1710	16	4.68	5	168	0.2	98	10	2	10
JM RC-36-07	172	174	1098758 EXT		0.304	0.9	8.32	8	140	0.7	4	0.02	2.6	12	1	3430	2.63	2.63	0.12	24	95	0.17	3	450	17	2.41	5	174	0.08	34	10	3	10
JM RC-36-07	174	176	1098760 EXT		0.067	0.7	6.84	5	140	0.7	3	0.02	1.6	12	2	1130	2.7	2.94	0.1	29	202	0.2	1	470	21	2.66	5	167	0.06	21	10	5	10
JM RC-36-07	176	178	1098762 EXT		0.219	0.8	8.46	12	350	0.6	4	0.03	0.5	11	1	3560	2.52	2.77	0.13	28	109	0.2	1	480	24	2.34	5	163	0.09	28	10	6	10
JM RC-36-07

RCH	From	To	SAM	CAT	Ag_ppm	Al_ppm	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Se_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-36-07	208	210	108797	EXT	0.149	0.6	6.26	14	280	0.6	4	0.62	0.5	12	1	2988	2.54	2.79	0.24	34	63	0.14	7	230	7	2.21	5	26	0.06	22	10	3	10
JM RC-36-07	210	212	108798	EXT	0.2	0.7	5.73	9	120	0.5	2	0.6	0.5	10	2	3495	3.27	2.66	0.2	31	60	0.12	7	190	6	2.9	5	26	0.06	21	10	7	10
JM RC-36-07	212	214	108799	EXT	0.102	0.5	6.06	30	300	0.6	4	0.62	0.6	14	2	3420	2.8	2.75	0.18	35	56	0.15	2	250	7	2.44	5	33	0.06	23	10	7	10
JM RC-36-07	214	216	108780	EXT	0.142	0.5	6.25	30	130	0.6	2	0.61	0.6	14	1	2260	3.29	2.71	0.16	33	59	0.17	3	270	8	3.05	5	52	0.06	34	10	4	10
JM RC-36-07	216	218	108781	EXT	0.09	0.6	5.6	12	170	0.7	5	0.62	0.5	12	17	1420	3.1	2.36	0.13	64	75	0.18	2	330	9	2.47	5	79	0.07	34	10	4	10
JM RC-36-07	218	220	108782	EXT	0.264	0.6	7.24	14	160	0.8	5	0.66	0.5	14	6	3980	3.4	2.75	0.21	42	82	0.18	4	660	8	2.66	5	73	0.13	43	10	5	10
JM RC-36-07	220	222	108783	EXT	0.299	0.7	8.63	39	360	0.8	4	0.74	0.6	16	9	2270	4.08	2.29	0.77	162	79	0.24	21	1440	2	2.12	5	142	0.26	142	10	44	10
JM RC-36-07	222	224	108784	EXT	0.415	0.8	8.38	12	810	1.8	5	0.12	0.8	18	7	2380	4.81	2.22	1.61	226	46	0.21	21	1530	2	2.48	5	153	0.32	132	10	36	10
JM RC-36-07	224	226	108785	EXT	0.183	0.6	6.38	8	150	0.6	2	0.62	0.6	17	3	2958	3.09	2.72	0.27	61	46	0.17	3	250	10	2.68	5	97	0.08	27	10	41	20
JM RC-36-07	226	228	108786	EXT	0.149	0.6	6.19	6	140	0.7	2	0.62	0.5	11	1	2780	2.86	2.62	0.21	36	43	0.16	2	290	12	2.64	5	80	0.08	23	10	9	20
JM RC-36-07	228	230	108787	EXT	0.138	1	6.5	30	270	0.7	2	0.64	0.5	15	16	2743	3.68	2.5	0.26	74	63	0.21	7	460	12	3.13	5	72	0.13	38	10	18	10
JM RC-36-07	230	232	108788	EXT	0.162	0.7	6.29	41	310	0.8	2	0.62	0.5	15	4	3190	2.98	2.92	0.16	33	136	0.22	4	290	9	2.44	5	41	0.06	29	10	7	10
JM RC-36-07	232	234	108789	EXT	0.187	0.5	6.68	34	310	0.7	2	0.62	0.5	14	4	2230	3.19	2.84	0.18	28	65	0.21	4	270	11	2.98	5	41	0.1	27	10	4	20
JM RC-36-07	234	236	108800	EXT	0.129	0.5	6.76	29	140	0.7	2	0.62	0.5	13	7	2830	3.28	2.75	0.19	33	60	0.18	5	330	10	3.11	5	73	0.1	27	10	4	10
JM RC-36-07	236	238	108801	EXT	0.121	0.7	6.82	72	360	0.7	2	0.64	0.5	12	4	2500	2.84	2.68	0.16	28	54	0.18	4	300	14	2.9	5	78	0.08	23	10	4	20
JM RC-36-07	238	240	108802	EXT	0.179	0.8	6.87	9	360	0.9	2	0.62	0.5	17	4	4020	2.62	2.63	0.19	27	73	0.17	3	290	9	2.36	5	69	0.09	23	10	4	10
JM RC-36-07	240	242	108803	ORG	0.142	0.6	6.16	16	270	0.8	2	0.63	0.5	13	6	3910	2.8	2.84	0.18	35	67	0.17	2	370	10	3.3	5	84	0.09	27	10	7	10
JM RC-36-07	242	244	108805	EXT	0.117	0.5	7.09	9	860	0.9	4	0.62	0.5	16	5	2510	2.59	2.81	0.22	24	56	0.17	2	280	7	2.53	5	80	0.1	23	10	10	10
JM RC-36-07	244	246	108806	EXT	0.114	0.6	6.06	5	790	1.6	5	0.64	0.5	17	18	3430	2.36	2.76	0.24	26	188	0.19	4	470	8	1.8	5	61	0.16	61	10	7	10
JM RC-36-07	246	248	108807	EXT	0.091	0.5	7	15	330	1	2	0.65	0.5	11	9	4660	3.32	2.79	0.16	27	169	0.2	5	410	13	2.97	5	64	0.09	33	10	5	10
JM RC-36-07	248	250	108808	EXT	0.157	0.5	6.54	115	330	0.6	2	0.62	0.5	8	5	2350	2.44	2.66	0.15	36	148	0.19	4	370	21	2.57	10	130	0.08	27	10	4	10
JM RC-36-07	250	252	108809	EXT	0.286	0.6	6.96	165	280	0.6	4	0.62	0.5	11	5	3450	2.64	2.61	0.18	31	72	0.15	6	340	11	2.66	5	78	0.07	26	10	4	10
JM RC-36-07	252	254	108810	EXT	0.191	0.5	6.73	46	360	0.7	2	0.62	0.5	13	6	2110	2.72	2.7	0.15	24	123	0.17	3	310	11	2.53	5	51	0.08	26	10	3	10
JM RC-36-07	254	256	108811	EXT	0.137	0.5	6.87	79	360	0.6	2	0.63	0.5	13	3	2710	3.21	2.67	0.14	25	127	0.16	3	330	13	3.2	5	86	0.08	22	10	4	10
JM RC-36-07	256	258	108812	EXT	0.119	0.5	6.54	67	340	0.6	4	0.63	0.5	14	6	2440	3.45	2.53	0.12	34	167	0.22	3	300	20	3.71	5	84	0.07	22	10	4	20
JM RC-36-07	258	260	108813	EXT	0.114	0.7	6.63	142	270	0.8	2	0.62	0.5	7	9	3510	2.98	2.8	0.16	37	61	0.18	8	300	25	3.7	5	120	0.08	31	10	4	10
JM RC-36-07	260	262	108814	EXT	0.056	0.5	6.62	46	270	1.1	2	0.62	0.5	10	5	2770	2.95	2.86	0.23	29	99	0.15	8	270	11	2.75	5	46	0.08	32	10	12	10
JM RC-36-07	262	264	108815	EXT	0.095	0.5	6.67	16	350	1	2	0.62	0.5	15	3	2620	2.61	2.62	0.15	33	216	0.19	4	300	15	2.79	5	66	0.09	22	10	4	10
JM RC-36-07	264	266	108816	EXT	0.142	0.7	6.88	49	320	1	5	0.62	0.5	17	7	3770	3.12	2.77	0.2	37	155	0.18	5	290	21	3.17	5	84	0.09	27	10	4	10
JM RC-36-07	266	268	108817	EXT	0.14	0.5	6.31	54	320	1.4	2	0.62	0.5	20	6	3450	3.4	2.67	0.24	34	76	0.15	5	230	9	3.54	5	39	0.06	30	10	5	10
JM RC-36-07	268	270	108818	EXT	0.139	0.6	6.34	112	140	1.1	2	0.67	0.5	18	5	4180	3.35	2.65	0.2	36	140	0.19	5	250	26	3.66	5	86	0.08	31	10	12	10
JM RC-36-07	270	272	108819	EXT	0.174	0.6	6.66	254	150	0.9	2	0.63	0.5	16	6	3210	3.04	2.74	0.16	32	67	0.24	5	340	69	3.52	10	77	0.08	31	10	13	10
JM RC-36-07	272	274	108820	ORG	0.197	0.6	6.16	165	300	0.8	2	0.63	0.5	11	4	3730	2.85	2.47	0.14	50	135	0.23	3	290	160	3.32	15	67	0.07	27	10	16	10
JM RC-36-07	274	276	108822	EXT	0.153	0.6	6.55	119	530	0.9	3	0.67	0.5	9	3	3540	2.1	2.36	0.13	33	114	0.14	4	230	22	2.67	5	49	0.06	18	10	4	130
JM RC-36-07	276	278	108823	EXT	0.1	1.6	5.91	150	600	0.5	2	0.62	0.5	9	5	3670	2.19	2.22	0.14	45	105	0.2	8	260	31	2.27	32	99	0.06	30	10	9	130
JM RC-36-07	278	280	108824	EXT	0.165	1.4	6.62	161	430	1	2	0.62	0.5	16	5	3250	2.19	2.54	0.21	51	99	0.15	3	270	30	2.62	42	83	0.07	30	10	16	60
JM RC-36-07	280	282	108825	EXT	0.2	1.4	6.39	429	660	1.6	2	0.62	0.5	5	2	3200	1.96	2.57	0.26	38	70	0.14	2	230	11	1.93	14	38	0.05	16	10	32	60
JM RC-36-07	282	284	108826	EXT	0.217	0.6	6.48	36	660	2.6	2	0.66	0.5	13	42	1960	4.21	2.1	1.95	577	34	0.15	34	1090	3	1.39	9	17	0.5	115	10	16	10
JM RC-36-07	284	286	108827	EXT	0.192	0.6	7.06	100	660	2	2	0.66	0.5	16	20	1940	2.91	2.25	0.9	212	38	0.14	11	660	5	1.71	9	14	0.25	54	10	29	10
JM RC-36-07	286	288	108828	EXT	0.176	0.7	6.39	476	830	1.5	2	0.63	0.5	9	6	2820	2.4	2.4	0.3	43	61	0.14	4	290	7	2.23	10	18	0.09	30	10	11	10
JM RC-36-07	288	290	108829	EXT	0.197	1	6.44	581	290	2	2	0.63	0.5	8	5	4210	2.88	2.48	0.31	56	65	0.17	7	310	9	2.49	6	21	0.1	31	10	12	10
JM RC-36-07	290	292	108830	EXT	0.249	0.6	10.45	427	290	3.4	5	0.1	0.5	13	37	3930	3.16	2.35	0.95	693	93	0.28	36	1080	7	3.28	7	36	0.45	112	10	48	10
JM RC-36-07	292	294	108831	EXT	0.271	0.7	10.4	132	270	3.9	5	0.1	0.5	25	10	3140	3.31	1.57	1.15	765	79	0.29	30	1570	7	3.21	5	34	0.41	141	10	53	10
JM RC-36-07	294	296	108832	EXT	0.165	1.3	8.57	351	250	3.2	2	0.12	0.6	16	16	5250	3.87	3.83	0.4	47	150	0.2	16	1310	10	3.66	8	34	0.24	123	10	14	10
JM RC-36-07	296	298	108833	EXT	0.264	1	6.42	168	440	1.3	2	0.65	0.5	16	6	3950	2.84	2.73	0.23	46	89	0.17	7	260	12	2.69	7	21	0.07	27	10	7	10
JM RC-36-07	298	300	108834	EXT	0.117	1.4	7.11	164	330	1.7	4	0.63	0.5	11	6	4460	2.89	3.06	0.3	36	67	0.18	7	290	7	2.91	10	21	0.09	34	10	8	10
JM RC-36-07	300	302	108835	EXT	0.156	0.6	7.54	118	330	1.7	2	0.63	0.5	9	5	3480	2.67	2.66	0.3	44	166	0.18	6	300	7	2.52	5	24	0.09	34	10	6	10
JM RC-36-07	302	304	108836	EXT	0.099	0.6	6.99	139	360	1.6	2	0.65	0.5	8	5	3490	2.49	2.9	0.26	54	100	0.16	6	300	14	2.63	5	41	0.09	33	10	154	10
JM RC-36-07	304	306	108837	EXT	0.165	0.9	8.95	341	240	1.6	2	0.63	0.5	7	4	3670	2.34	2.62	0.33	51	70	0.15	3	270	16	2.36	20	43	0.09	30	10	64	10
JM RC-36-07	306	308	108838	EXT	0.1	0.6	7.5	79	280	2	2	0.62	0.5	8	6	3270	2.56	3.22	0.37	52	105	0.15	5	270	11	3.39	5	57	0.1	37	10	37	10
JM RC-36-07	308	310	108839	EXT	0.086	0.7	8.97	139	360	1.9	2	0.62	0.5	5	6	3250	2.36	2.99	0.34	67	71	0.15	3	240	5	2.95	7	28	0.08	34	10	12	10
JM RC-36-07	310	312	108840	EXT	0.119	0.9	7.33	600	230	1.6	2	0.64	0.5	6	4	4190	2.4	2.91	0.24	57	116	0.25	6	340	53	3.53	29	32	0.08	36	10	24	10
JM RC-36-07	312	314	108841	EXT	0.086	1	8.62	318	280	1.9	2	0.64	0.5	21	10	3270	2.37	2.48	0.34	61	71	0.18	8	360	24	3.75	5	58	0.08	40	10	14	10
JM RC-36-07	314	316	108842	EXT	0.143	1.1	9.39	136	230	2.8	2	0.53	0.5	8	5	3650	2.87	2.73	0.32	98	165	0.13	3	370	15	3.41	5	43	0.08	62	10	22	10
JM RC-36-07	316	318	108843	EXT	0.155	1	8.3	157	250	2.8	2	0.63	0.5	10	3	3470	1.9	2.79	0.35	48	78	0.12	3	360	11	3.42	5	46	0.08	46	10	26	10
JM RC-36-07	318	320	108844	EXT	0.373	0.7	8.53	144	240	2.7	2	0.62	0.5	10	3	3360	2.11	3.14	0.39	48	58	0.25	5	530	15	3.98	5	62	0.12	54	10	44	10
JM RC-36-07	320	322	108845	ORG	0.189	0.8	8.44	98	270	2.9	3	0.64	0.5	8	4	3230	1.96	2.8	0.49	62	44	0.58	3	330	9	3.17	5	54	0.09	53	10	44	10
JM RC-36-07	322	324	108847	EXT	0.173	0.7	7.62	88	300	2	3	0.55	0.6	9	4	3210	2.14	3.06	0.34	65	33	0.33	4	250	11	2.37	5	43	0.08	32	10	88	10
JM RC-36-07	324	326	108848	EXT	0.154	0.9	7.33	213	230	1.8	2	0.59	0.7	10	9	2980	2.37	2.82	0.34	70	88	0.28	4	360	31	3.29	8	80	0.08	37	10	97	10
JM RC-36-07	326	328	108849	EXT	0.108	0.8	7.36	132	290	1.9	2	0.62	1.4	8	8	2800	2.3	2.84	0.32	46	51	0.23	4	270	13	2.78	5	36	0.08	31	10	24	10
JM RC-36-07	328	330	108850	EXT	0.115	32.4	8.29	180	370	2.2	5	0.53	1.7	7	5	2290	2.12	2.9	0.4	70	90	0.62	2	330	75	2.84	9	41	0.07	29	10	184	10
JM RC-36-07	330	332	108451	EXT	0.091	0.8	7.88	146	270	2.3	5	0.53	0.6	8	7	2120	2.19	2.82	0.4	88	37	0.27	6	300	14	3.22	5	40	0.08	36	10	58	10
JM RC-36-07	332	334	108452	EXT	0.1	0.9	7.46	108	300	2.1	2	0.53	0.7	7	5	2800	2.56	2.95	0.38	51	52	0.21	3	270	12	2.98	5	36	0.08	33	10	35	10
JM RC-36-07	334	336	108853	EXT	0.079	0.7	7.41	615	230	1.8	3	0.63	0.9	10	4	3610	2.65	2.87	0.28	90	70	0.17	4	360	12	3.15	16	57	0.07	27	10	9	20
JM RC-36-07	336	338	108854	EXT	0.091	0.8	7.91	217	240	1.8	2	0.57	0.9	7	3	2980	2.47	3	0.34	39	127	0.16	7	290	10	2.9	5	32	0.08	29	10	17	10
JM RC-36-07	338	340	108455	EXT	0.149	0.9	7.87	96	270	1.8	2	0.62	0.9	13	8	4660	3.48	2.87	0.3	44	56	0.14	5	290	10	3.39	5	39	0.08	32	10	10	10
JM RC-36-07	340	342	108456	EXT	0.119	2.9	7.19	29	250	2.1	2	0.25	0.5	14	10	3360	2.69	2.74	0.32	54	47	0.11	10	260	10	2.38	5	28	0.07	23	10	18	10
JM RC-36-07	342	344	108857	EXT	0.143	1	7.64	196	320	2.1	2	0.09	1.1	7	21	3530	1.98	2.61	0.34	56	40	0.14	10	360	31	1.61	6	39	0.08	32	10	29	10
JM RC-36-07	344	346	108858	EXT	0.142	0.9	7.29	298	210	1.7	2	0.03	1	32	10	3950	2.14	2.9	0.29	48	78	0.14	13	290	18	3.08	5	43	0.08	32	10	24	10
JM RC-36-07	346	348	108859	EXT	0.104	0.7	6.99	218	290	1.9	2	0.03	0.9	41	11	3070	2.2	2.88	0.23	35	70	0.16	17	340	27	2	5	60	0.09	34	10	60	10
JM RC-36-07	348	350	108860	EXT	0.101	0.5	6.92	34	310	2.1	2	0.03	0.5	18	19	3440	1.98	2.08	0.31	36	36	0.12	18	310	33	1.78	5	41	0.1	31	10	19	10
JM RC-36-07	350	352	108861	EXT	0.133	0.9	7.12	291	310	1.7	3	0.02	0.9	14	11	3450	2.2	2.63	0.25	28	62	0.14	19	300	15	2.84	6	46	0.08	27	10	15	10
JM RC-36-07	352	354	108862	EXT	0.077	0.7	7.54	286	130	1.4	2	0.03	0.9	15	10	2470	2.36	2.82	0.19	20	60	0.25	11	400	22	2.95	15	82	0.08	30	10	13	10
JM RC-36-07	354	356	108863	EXT	0.119	1.7	7.25	112	260	1.7	2	0.03	0.5	14	10	3450	2.09	2.67	0.21	33	71	0.19	13	370	17	2.66	5	37	0.1	36	10	15	10
JM RC-36-07	356	358	108864	EXT	0.182	0.8	11.95	32	650	3	4	0.66	0.5	18	54	3480	2.05	1.66	0.36	78	78	0.15	23	1040	19	2.56	5	41	0.38	132	10	103	10
JM RC-36-07	358	360	108865	EXT	0.143	0.5	11.05	14	470	2.8	3	0.57	1.4	34	54	2870	1.81	1.61	0.47	78	63	0.12	20	1150	6	1.88	5	36	0.23	126	10	100	10
JM RC-36-07	360	362	108866	ORG	0.16	1	6.12	39	990	1.8	4	0.04	1.6	14	28	3650	1.91	1.61	0.3	44	72	0.15	16	560	15	1.66	5	36	0.1	56	10	34	10
JM RC-36-07	362	364	108866	EXT	0.132	1.9	6.83	133	340	1.1	3	0.02	0.5	10	13	3180	2.12	2.48	0.19	44	78	0.15	6	310	8	1.84	5	34	0.09	36	10	16	10
JM RC-36-07	364	366	108868	EXT	0.117	0.8	6.48	107	350	1.2	3	0.03	0.6	10	10	3530	2.13	2.45	0.18	40	79	0.17	7	290	11	1.83	5	23	0.08	28	10	13	10
JM RC-36-07	366	368	108870	EXT	0.123	0.9	8.9	182	470	1.2	4	0.03	0.9	12	15	3930	2.04	1.88	0.19	50	52	0.16	9	370	9	1.71	5	25	0.08	36	10	16	10
JM RC-36-07	368	370	108871	EXT	0.082	0.5	6.75	78	480	1.3	4	0.02	0.5	6	12	3740	1.71	2.04	0.17	44	54	0.19	5	280	11	1.48	5	31	0.06	31	10	16	10
JM RC-36-07	370	372	108872	EXT	0.077	0.5	7.09	125	330	1.3	3	0.02	0.5	13	13	2980	2.22	2.15	0.18	45	75	0.16	5	330	10	1.87	5	32	0.09	31	10	18	10
JM RC-36-07	372	374	108873	EXT	0.064	0.7	7.75	67	440	1.6	3	0.02	0.7	10	17	2350	2.06	2.01	0.05	48	87	0.18	9	290	11	1.6	5	22	0.11	27	10	21	10
JM RC-36-07	374	376	108874	EXT	0.068	0.8	7.44	78	360	3.1	3	0.03	0.8	10	14	2150	1.98	2.18	0.33	60	63	0.33	7	230	10	1.98	5	30	0.07	25	10	102	10
JM RC-36-07	376	378	108875	EXT	0.095	0.5	7.44	43	885	2	3	0.05	1.1	9	11	1960	1.64	1.91	0.33	56	109	0.7	9	270	9	1.91	5	36	0.09	22	10	163	10
JM RC-36-07	378	380	108876	EXT	0.136	0.5	7.95	85	330	3.3	3	0.06	1.5	14	16	3080	2.04	2.17	0.34	68	80	0.56	11	360	8	1.76	5	31	0.11	30	10	60	10
JM RC-36-07	380	382	108877	EXT	0.121	0.8	7.39	34	390	2	2	0.04	1.3	15	22	2110	2.12	2.58	0.31	64	67	0.45	13	410	14	1.97	5	36	0.12	34	10	57	10
JM RC-36-07	382	384	108878	EXT	0.141	0.8	7.51	47	360	1.8	3	0.03	0.9	9	18	2960	2.06	2.36	0.3	63	86	0.19	9	360	15	1.91	5	37	0.12	37	10	67	10
JM RC-36-07	384	386	108879	EXT	0.108	0.6	7.68	29	810	1.6	3	0.03	1.5	9	15	2360	1.73	2.1	0.34	70	53	0.23	8	340	16	1.45	5	34	0.11	33	10	104	10
JM RC-36-07	386	388	108580	EXT	0.108	0.6	7.64	44	330	1.6	3	0.03	1	13	12	3240	2.13	2.08	0.31	56	119	0.23	8	350	8	1.79	5	33	0.09	34	10	80	10
JM RC-36-07	388	390	108881	EXT	0.279	0.7	8.98	44	810	1.7	2	0.64	0.5	9	9	1630	1.72	2.22	0.33	56	34	0.6	7	230	14	1.48	5	37	0.07	18	10	116	10
JM RC-36-07	0	2	108882	EXT	0.064	0.5	6.64	14	230	0.5	2	0.07	0.5	2	9	197	2.05	2.05	0.04	27	63	0.21	2	660	26	2.17	5	191	0.19	52	10	4	10
JM RC-36-07	2	4	108883	EXT	0.048	0.6	6.39	4	340	0.6	2	0.06	0.5	2	9	52	2.43	1.98	0.02	62

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cl_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-06-07	32	34	106689 EXT		0.052	0.5	4.47	11	200	0.5	2	0.02	0.5	9	3	100	3.32	1.48	0.08	36	34	0.07	3	350	10	3.72	5	184	0.07	16	10	6	10
JM RC-06-07	34	36	106690 EXT		0.06	0.5	5.61	29	160	0.5	2	0.02	0.5	13	4	137	3.67	1.27	0.04	15	45	0.06	4	570	8	4.95	5	158	0.05	14	10	6	30
JM RC-06-07	36	38	106691 EXT		0.21	0.5	4.29	30	170	0.5	3	0.01	0.5	11	4	171	2.94	1.66	0.06	34	16	0.05	4	260	3	3.09	5	72	0.06	18	10	6	30
JM RC-06-07	38	40	106692 EXT		0.047	0.5	6.45	17	140	0.5	2	0.02	0.5	13	7	145	3.78	1.78	0.07	41	25	0.05	6	310	12	4.21	5	125	0.08	18	10	11	10
JM RC-06-07	40	42	106693 EXT		0.219	0.5	7.26	88	200	0.5	2	0.01	0.5	11	4	1110	3.41	2.35	0.12	17	24	0.07	4	260	6	3.82	11	119	0.04	18	10	11	30
JM RC-06-07	42	44	106694 EXT		0.199	0.5	7.32	39	180	0.5	2	0.02	0.5	9	3	1830	3.12	2.47	0.13	39	53	0.07	2	300	11	3.26	5	106	0.1	17	10	8	50
JM RC-06-07	44	46	106695 EXT		0.159	0.5	7.2	36	160	0.5	2	0.02	0.5	14	6	1160	3.14	2.3	0.12	36	36	0.07	4	300	10	3.47	5	80	0.08	18	10	10	60
JM RC-06-07	46	48	106696 EXT		0.14	0.5	6.65	18	160	0.5	2	0.02	0.5	13	5	1710	2.84	2.41	0.11	15	54	0.07	3	250	10	3.19	5	84	0.08	15	10	10	70
JM RC-06-07	48	50	106697 EXT		0.088	0.5	6.94	16	150	0.5	2	0.02	0.5	13	7	910	3.18	2.15	0.09	44	214	0.06	4	270	4	3.45	5	82	0.08	18	10	13	30
JM RC-06-07	50	52	106698 EXT		0.081	0.5	6.23	46	130	0.5	2	0.02	0.5	27	4	583	4.03	1.58	0.08	47	56	0.12	14	360	11	5.08	5	188	0.08	18	10	12	30
JM RC-06-07	52	54	106699 EXT		0.156	0.5	5.89	18	200	0.5	2	0.02	0.5	14	5	1100	3.39	2.33	0.17	17	43	0.08	5	280	25	3.25	5	140	0.06	14	10	8	30
JM RC-06-07	54	56	106700 EXT		0.176	0.6	5.47	7	360	0.5	2	0.03	0.5	12	6	1020	3.57	2.27	0.11	44	36	0.08	6	260	18	3.26	5	140	0.06	14	10	9	20
JM RC-06-07	56	58	106911 ORG		0.201	0.7	6.04	12	180	0.5	2	0.02	0.5	14	6	1970	3.99	2.15	0.1	42	82	0.09	7	300	18	3.94	5	103	0.09	21	10	8	40
JM RC-06-07	58	60	106913 EXT		0.197	0.5	5.51	8	150	0.5	2	0.02	0.5	11	4	1750	3.56	2.29	0.09	25	128	0.08	5	240	18	3.46	5	73	0.07	17	10	5	50
JM RC-06-07	60	62	106914 EXT		0.279	0.9	5.84	9	410	0.9	2	0.02	0.6	13	11	2690	2.92	2.44	0.12	40	44	0.08	8	270	17	2.82	5	85	0.07	19	10	12	60
JM RC-06-07	62	64	106915 EXT		0.344	1.4	6.4	5	360	0.5	2	0.01	27.7	8	3	3110	2.61	2.69	0.15	18	55	0.08	4	300	20	2.48	5	98	0.08	23	10	9	70
JM RC-06-07	64	66	106916 EXT		0.121	0.5	5.57	16	290	0.5	2	0.02	5	12	5	680	3.48	1.64	0.07	41	46	0.07	5	260	20	3.38	5	82	0.05	22	10	6	30
JM RC-06-07	66	68	106917 EXT		0.185	0.8	5.66	8	310	0.5	3	0.03	0.5	10	4	673	3.26	2.08	0.09	41	72	0.08	4	250	13	3.1	5	78	0.06	18	10	5	30
JM RC-06-07	68	70	106918 EXT		0.314	1.1	5.28	125	180	0.5	2	0.02	0.5	8	4	1700	2.64	2.04	0.11	16	96	0.08	5	230	14	2.62	5	88	0.06	17	10	5	30
JM RC-06-07	70	72	106919 EXT		0.157	0.6	4.88	5	140	0.5	2	0.01	0.5	8	4	775	3.88	1.39	0.05	50	168	0.06	4	240	14	3.48	5	69	0.05	11	10	5	10
JM RC-06-07	72	74	106920 EXT		0.319	1.3	7.67	16	430	0.5	2	0.06	0.5	9	6	2560	3.25	3.05	0.16	30	37	0.11	6	460	24	2.87	5	154	0.2	57	10	6	30
JM RC-06-07	74	76	106921 EXT		0.221	0.6	6.1	17	460	0.5	2	0.02	0.5	8	10	3060	2.46	2.53	0.14	15	42	0.08	5	270	17	2.38	5	83	0.08	20	10	8	30
JM RC-06-07	76	78	106922 EXT		0.335	0.5	5.73	18	130	0.5	2	0.03	0.5	10	5	1980	3.24	2.13	0.1	46	56	0.08	5	290	17	2.98	5	77	0.07	19	10	8	30
JM RC-06-07	78	80	106923 EXT		0.134	0.6	5.58	54	180	0.5	2	0.02	0.5	10	7	953	2.8	1.95	0.07	40	60	0.08	7	330	16	2.67	5	167	0.06	19	10	8	20
JM RC-06-07	80	82	106924 EXT		0.364	1.4	6.49	178	170	0.5	2	0.03	0.5	11	6	3140	3.02	2.31	0.09	20	107	0.08	5	340	21	3.07	5	95	0.08	24	10	9	70
JM RC-06-07	82	84	106925 EXT		0.396	1.5	5.61	40	270	0.5	4	0.03	0.5	9	9	2220	2.87	2.09	0.1	44	36	0.06	4	260	18	2.7	5	104	0.08	18	10	9	50
JM RC-06-07	84	86	106926 EXT		0.083	0.5	6.28	12	360	0.5	3	0.06	0.5	12	12	488	4.63	1.6	0.05	50	70	0.09	8	570	31	5.01	5	329	0.08	36	10	8	10
JM RC-06-07	86	88	106927 EXT		0.167	0.5	4.89	5	270	0.5	3	0.03	0.5	8	7	1520	2.46	1.79	0.06	15	30	0.07	5	280	15	2.43	5	107	0.05	19	10	5	10
JM RC-06-07	88	90	106928 EXT		0.196	0.6	5.47	12	500	0.5	2	0.04	1.4	11	7	1980	3.64	1.91	0.09	42	77	0.08	7	420	20	3.48	5	170	0.05	24	10	9	40
JM RC-06-07	90	92	106929 EXT		0.256	0.8	7.37	29	160	0.7	2	0.06	0.9	9	20	2580	3.35	2.5	0.12	28	216	0.11	6	360	27	3.23	5	173	0.1	27	10	7	10
JM RC-06-07	92	94	106930 EXT		0.162	0.6	7.15	37	230	0.6	2	0.03	0.5	8	9	1980	3.63	2.42	0.11	19	88	0.12	8	430	24	4.1	5	126	0.07	30	10	9	40
JM RC-06-07	94	96	106931 EXT		0.115	0.7	5.97	16	300	0.5	2	0.02	0.5	7	5	1210	3.61	1.86	0.08	48	34	0.09	7	360	24	3.88	5	92	0.08	21	10	8	40
JM RC-06-07	96	98	106932 EXT		0.275	2.8	5.67	16	170	0.5	2	0.03	1	8	6	3630	3.04	2.29	0.11	40	31	0.09	6	380	18	2.84	5	100	0.07	19	10	9	70
JM RC-06-07	98	100	106933 EXT		0.282	1.1	6.82	19	270	0.5	2	0.02	6.3	7	14	3140	2.47	2.67	0.14	19	44	0.08	7	310	16	2.54	5	91	0.06	22	10	9	60
JM RC-06-07	100	102	106934 EXT		0.145	0.6	6.22	22	150	0.6	2	0.02	0.6	13	7	1620	3.67	1.64	0.07	39	43	0.1	10	360	21	3.64	5	115	0.07	21	10	8	20
JM RC-06-07	102	104	106935 EXT		0.278	0.7	6.27	13	280	0.6	2	0.02	0.6	10	7	3780	3.05	2.22	0.1	38	47	0.09	7	350	18	2.78	5	72	0.07	23	10	12	10
JM RC-06-07	104	106	106936 ORG		0.122	0.6	6.23	12	140	0.6	2	0.02	0.6	11	6	1340	3.09	1.78	0.06	17	54	0.08	4	350	20	3.22	5	82	0.09	24	10	6	10
JM RC-06-07	106	108	106936 EXT		0.291	0.6	6.27	126	230	0.5	2	0.02	0.6	8	6	3560	2.97	2.51	0.14	35	36	0.08	7	290	14	2.73	5	80	0.06	16	10	12	20
JM RC-06-07	108	110	106938 EXT		0.715	1.1	6.66	343	220	0.9	2	0.03	1.9	9	7	2010	3.11	2.17	0.09	18	37	0.08	5	310	21	3.19	10	105	0.07	19	10	14	40
JM RC-06-07	110	112	106940 EXT		0.156	0.8	6.35	342	450	0.9	2	0.02	1	8	6	1340	3.44	2.04	0.07	51	72	0.08	5	310	22	3.38	11	82	0.07	24	10	10	40
JM RC-06-07	112	114	106941 EXT		0.156	0.7	5.64	484	160	0.5	2	0.02	1.2	8	5	1880	3.11	1.83	0.05	35	70	0.09	4	340	20	3.08	13	134	0.05	16	10	13	60
JM RC-06-07	114	116	106942 EXT		0.314	1.2	6.16	786	160	0.9	2	0.03	4.5	10	4	3130	3.7	2.36	0.1	19	60	0.08	5	320	18	4.08	37	112	0.09	22	10	8	280
JM RC-06-07	116	118	106943 EXT		0.464	1	5.15	279	180	0.8	2	0.03	0.9	7	4	1110	2.64	1.67	0.04	42	52	0.07	4	300	18	2.93	14	107	0.05	12	10	12	80
JM RC-06-07	118	120	106944 EXT		0.062	0.7	6.12	163	340	0.9	2	0.02	0.6	7	4	600	2.97	2.14	0.04	41	68	0.08	5	350	18	2.79	5	105	0.04	22	10	11	30
JM RC-06-07	120	122	106946 EXT		0.206	1	6.4	234	380	0.9	2	0.05	2.5	8	4	2260	2.7	2.34	0.06	17	88	0.1	4	330	15	2.62	18	105	0.04	19	10	10	350
JM RC-06-07	122	124	106948 EXT		0.312	1	7.45	16	340	0.6	2	0.06	0.5	13	16	3710	4.4	2.45	0.17	53	261	0.1	12	530	20	4.77	5	195	0.1	51	10	12	40
JM RC-06-07	124	126	106947 EXT		0.316	0.8	7.75	39	230	0.8	2	0.08	0.5	14	34	4210	5.35	2.7	0.56	33	276	0.09	20	580	18	5.04	5	215	0.17	89	10	18	30
JM RC-06-07	126	128	106948 EXT		0.353	0.7	6.39	44	460	1.2	2	0.07	0.5	16	46	3330	4.16	2.22	0.84	31	48	0.08	16	530	18	3.46	5	304	0.25	198	10	22	30
JM RC-06-07	128	130	106949 EXT		0.312	0.8	5.37	60	300	0.5	2	0.03	0.5	13	35	3790	3.21	2.1	0.19	43	145	0.08	16	370	13	2.98	5	97	0.06	27	10	13	50
JM RC-06-07	130	132	106950 EXT		0.338	0.8	5.78	21	230	0.5	3	0.03	0.5	14	9	3680	3.67	1.7	0.22	42	167	0.07	7	370	16	3.8	5	76	0.07	30	10	11	10
JM RC-06-07	132	134	106951 EXT		0.236	0.8	6.71	13	180	0.5	3	0.03	0.5	11	6	3670	3.77	2.52	0.16	18	133	0.08	8	310	16	3.73	5	120	0.08	25	10	8	10
JM RC-06-07	134	136	106952 EXT		0.239	0.7	6.1	11	180	0.5	2	0.02	0.5	9	7	5080	3.04	2.57	0.26	29	75	0.07	4	240	14	2.64	5	74	0.07	19	10	6	10
JM RC-06-07	136	138	106953 EXT		0.333	0.8	5.91	5	330	0.5	2	0.03	0.5	10	7	4660	3.52	2.33	0.39	36	112	0.07	4	260	16	3.22	5	73	0.06	25	10	10	10
JM RC-06-07	138	140	106954 EXT		0.258	0.8	5.95	88	130	0.5	2	0.03	0.5	11	7	3600	4.37	2.58	0.2	23	88	0.08	8	280	16	4.58	5	89	0.07	22	10	14	30
JM RC-06-07	140	142	106955 EXT		0.361	0.8	5.75	38	270	0.5	2	0.03	0.5	11	4	4300	4.12	1.85	0.13	43	130	0.08	7	290	14	4.01	5	85	0.09	31	10	12	20
JM RC-06-07	142	144	106956 EXT		0.356	0.8	5.64	11	330	0.5	2	0.03	0.5	10	5	3880	3.58	1.47	0.12	41	95	0.08	5	240	11	3.27	5	73	0.09	27	10	9	10
JM RC-06-07	144	146	106957 EXT		0.275	0.8	6.18	16	350	0.6	2	0.02	0.5	8	3	4600	2.9	1.53	0.12	38	116	0.11	6	230	11	3.01	5	73	0.08	35	10	12	30
JM RC-06-07	146	148	106958 ORG		0.277	0.8	5.87	14	340	0.5	2	0.03	0.5	10	6	4640	3.54	2.49	0.13	46	165	0.1	8	300	17	3.54	5	174	0.05	36	10	11	10
JM RC-06-07	148	150	106960 EXT		0.378	0.8	6.98	25	130	0.6	2	0.03	0.5	12	9	4640	4.75	2.46	0.17	18	123	0.15	14	520	18	5.34	5	266	0.07	71	10	8	10
JM RC-06-07	150	152	106961 EXT		0.366	0.8	7.6	32	400	1	2	0.06	0.5	14	14	4350	3.29	2.66	0.21	30	191	0.11	25	660	18	3.11	5	366	0.14	73	10	11	10
JM RC-06-07	152	154	106962 EXT		0.377	1.1	11.05	19	370	1.4	2	0.06	0.5	19	39	3640	2.11	1.44	0.5	71	126	0.13	45	860	20	1.99	5	386	0.14	193	10	18	10
JM RC-06-07	154	156	106963 EXT		0.634	1.2	11.4	14	310	1.8	2	0.06	0.5	29	31	6770	3.62	2.4	0.31	21	84	0.18	29	750	18	3.4	5	367	0.26	105	10	11	10
JM RC-06-07	156	158	106964 EXT		0.301	0.8	10.7	15	360	1.2	2	0.06	0.6	18	41	5430	2.59	1.31	0.25	39	78	0.21	39	580	18	2.86	5	286	0.33	108	10	18	10
JM RC-06-07	158	160	106965 EXT		0.468	1.2	7.99	32	460	0.9	2	0.04	0.6	12	12	5200	1.71	1.48	0.21	30	130	0.18	17	460	20	2.17	5	241	0.09	61	10	11	10
JM RC-06-07	160	162	106966 EXT		0.369	0.9	7.19	9	530	0.8	2	0.03	0.5	10	3	4230	1.52	1.39	0.19	15	74	0.1	10	360	16	1.43	5	158	0.07	36	10	11	10
JM RC-06-07	162	164	106967 EXT		0.427	1	6.98	8	540	0.8	2	0.02	0.5	10	3	5810	1.67	1.6	0.17	32	142	0.08	10	290	18	1.8	5	134	0.06	30	10	9	10
JM RC-06-07	164	166	106968 EXT		0.294	0.8	5.77	39	250	0.8	2	0.02	0.5	10	5	4380	2.67	2.3	0.1	43	220	0.2	6	270	13	2.79	5	74	0.04	31	10	7	10
JM RC-06-07	166	168	106969 EXT		0.297	1	5.6	17	260	0.8	2	0.02	0.5	11	4	4030	2.3	2.19	0.09	18	809	0.21	4	320	18	2.85	5	98	0.04	36	10	7	10
JM RC-06-07	168	170	106970 EXT		0.326	1	5.64	29	360	0.9	2	0.02	0.5	11	6	5130	2.44	2.45	0.12	30	120	0.11	7	380	18	2.3	5	74	0.04	34	10	5	30
JM RC-06-07	170	172	106971 EXT		0.362	0.9	5.99	38	330	0.8	2	0.02	0.5	23	4	4810	2.37	2.54	0.12	44	126	0.18	6	330	11	2.66	5	79	0.05	31	10	6	20
JM RC-06-07	172	174	106972 EXT		0.226	0.8	5.99	36	370	0.8	2	0.02	0.5	18	3	3600	2.47	2.37	0.11	34	86	0.11	9	300	18	2.42	5	77	0.05	34	10	7	20
JM RC-06-07	174	176	106973 ORG		0.388	1.2	5.75	25	430	0.8	2	0.02	0.5	16	3	5760	2.29	2.56	0.11	26	165	0.14	9	300	18	2.17	5	74	0.04	28	10	7	30
JM RC-06-07	176	178	106975 EXT		0.366	1.6	6.03	20	560	0.8	2	0.02	0.5	7	3	5360	1.88	1.36	0.14	29	46	0.11	7	290	8	1.71	5	95	0.04	30	10	9	20
JM RC-06-07	178	180	106976 EXT		0.279	1.8	6.89	12	660	0.9	2	0.03	0.5	13	2	4360	2.6	2.61	0.16	28	62	0.12	4	330	12	2.14	5	135	0.08	37	10	10	30
JM RC-06-07	180	182	106977 EXT		0.376	1.1	6.62	22	530	0.7	2	0.04	0.5	9	7	5660	2.25	2.38	0.15	55	67	0.14	7	300	14	1.78	5	107	0.08	36	10	10	30
JM RC-06-07	182	184	106978 EXT		0.315	1	6.98	13	350	0.7	3	0.06	0.5	11	16	3910	2.48	2.13	0.12	33	62	0.22	6	410	21	2.75	5	168	0.08	31	10	9	10
JM RC-06-07	184	186	106979 EXT		0.362	1.1	4.76	39	360	0.6	4	0.04	0.7	9	4	5810	2.22	1.09	0.13	49	164	0.12	6	280	16	2.13	5	98	0.05	27	10	16	30
JM RC-06-07	186	188	106980 EXT		0.357	1.1	5.36	36	460	0.7	3	0.04	0.6	12	14	3910	2.26	2.11	0.13	36	93	0.12	12	340	15	2.13	5	114	0.04	25	10	17	30
JM RC-06-07	188	190	106981 EXT		0.266	1.1	5.34	166	270	0.6	2	0.04	2	9	9	3630	2.82	1.79	0.08	29	79	0.11	6	220	15	2.29	14	92	0.04	30	10	14	180
JM RC-06-07	190	192	106982 EXT		0.413	1.3	9.15	64	660	1	3	0.06	0.5	14	8	7910	1.98	1.37	0.31	47	88	0.11	16	980	20	1.66	5	171	0.07	34	10	6	10
JM RC-06-07	192	194	106983 EXT		0.33	1	7.68	44	660	1.3	3	0.07	0.5	9	37	4080	2.51	2.16	0.2	80	89	0.21	16	650	23	2.14	5	385	0.16	62	10	13	30
JM RC-06-07	194	196	106984 EXT		0.339	1.1	9.11	67	360	1	3	0.08	0.5	9	34	3130	2.57	1.48	0.19	51	117	0.24	14	610	33	2.38	5	384	0.21	91	10	16	50
JM RC-06-07	196	198	106985 EXT		0.309	2	5.71	277	360	0.7	3	0.03	0.5	6	3	1900	2.72	1.3	0.16	38	72	0.12	5	220	17	2.09	37	80	0.05	24	10	12	40
JM RC-06-07	198	200	106986 EXT		0.364	1.6	5.77	364	360	0.7	2	0.06	0.5	8	29	4070	2.22	1.88	0.13	43	82	0.14	6	280	18	2.24	41	177	0.06	35	10	10	280
JM RC-06-07	200	202	106987 EXT		0.276	1.3	4.87	78	340	0.6	2	0.05	0.5	6	3	5450	1.89	1.24	0.13	33	82	0.1	5	270	16	1.79	30	72	0.05	30	10	10	210
JM RC-06-07	202	204	106988 EXT		0.311	1.5	5.28	178	480	0.7	2	0.05	1.3	6	4	7380	1.84	1.82	0.13	45	87	0.14	6	270	15	2.08	15	106	0.05	27	10	12	320
JM RC-06-07	204	206	106989 EXT		0.256	1	4.89	78	430	0.7	2	0.05	0.5	6	6	9150	2.1	1.3	0.14	42	79	0.1	11	270	14	1.85	8	108	0.05	22	10	24	140
JM RC-06-07	206	208	106990 EXT		0.27	1.1	5.24	11	540	0.8	2	0.04	0.5	10	2	4580	2.08	2.02	0.14	32	144	0.13	6	340	13	2.11	5	183	0.05	31	10	9	30
JM RC-06-07	208	210	106991 EXT		0.372	0.6	5.25	13	370	0.9	2	0.05	0.5	9	4	5180	1.71	1.71	0.14	38	129	0.13	7	300	12	1.63	5	161	0.06	32	10	9	30
JM RC-06-07	210	212	106992 EXT		0.314	1.1	5.65	16	430	0.7	2	0.05	0.5	11	4	5080	2.84	1.64	0.13	46	130	0.17	4	310	16	2.3	5	218	0.08	32	10	12	40
JM RC-06-07	212	214	106993 EXT		0.381	1.2	5.06	13	420	0.7	2	0.04	0.5	8	6	5480	2.14	1.78	0.13	45	151	0.14	6	310	14	2.23	5	175	0.05	28	10	12	30
JM RC-06-07	214	216	106994 EXT		0.225	1	4.84	16	440	0.6	2	0.03	0.5	12	13	3700	1.99	1.93	0.14	46	97	0.14	13	330	11	1.87	6	100	0.05	18	10	11	30
JM RC-06-07	216	218	106995 EXT		0.257	1.2	5.21	29	460	0.7	2	0.03	0.5	10	4	5660	2.34	1.87	0.13

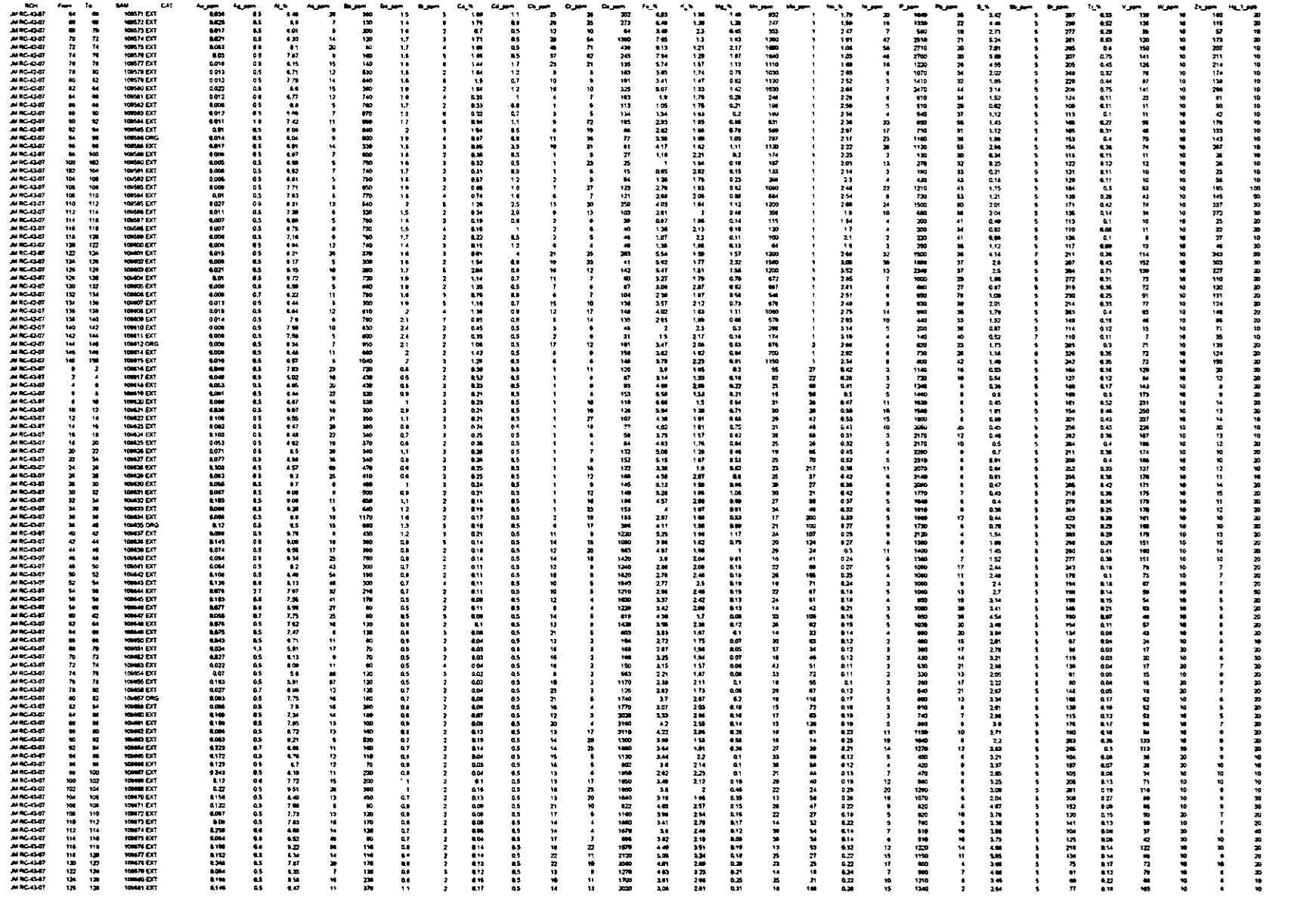
RCH	From	To	SAM	CAT	Ag_ppm	As_ppm	Al_%	Au_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-06-07	246	248	109012 EXT		0.554	1.2	6.23	19	580	1.9	2	0.03	0.5	11	16	4210	2.46	2.73	0.33	64	69	0.16	15	360	20	2.93	5	112	0.16	73	10	29	30
JM RC-06-07	248	250	109013 EXT		0.368	1.3	7.91	13	720	1.9	2	0.04	0.5	9	10	4500	1.98	2.74	0.34	67	100	0.16	10	450	20	1.98	5	74	0.19	83	10	29	20
JM RC-06-07	250	252	109014 EXT		0.307	1.1	6.98	23	420	1.6	2	0.03	0.5	12	9	4500	2.19	1.69	0.29	84	61	0.13	11	330	16	1.8	5	84	0.08	36	10	21	20
JM RC-06-07	252	254	109015 EXT		0.149	1.1	6.01	13	620	1.1	2	0.02	0.5	9	8	4680	2.27	2.03	0.26	98	75	0.1	9	210	18	1.64	5	86	0.06	21	10	21	20
JM RC-06-07	254	256	109016 EXT		0.264	1.1	6.34	7	600	1.2	2	0.02	0.5	9	4	4710	1.99	1.91	0.3	91	53	0.1	9	250	14	1.38	5	72	0.06	19	10	25	10
JM RC-06-07	256	258	109017 EXT		0.251	1	6.1	15	610	1.4	2	0.02	0.5	20	6	4360	1.99	1.68	0.32	106	62	0.1	15	290	12	1.18	5	68	0.05	20	10	23	20
JM RC-06-07	258	260	109018 EXT		0.253	1.3	6.09	17	370	1	3	0.03	0.5	19	18	4600	3.13	1.67	0.3	78	77	0.11	11	310	9	2.3	5	80	0.07	30	10	14	20
JM RC-06-07	260	262	109019 EXT		0.393	1.4	5.88	18	270	0.9	4	0.03	0.7	16	2	5900	3.98	1.69	0.29	66	91	0.1	11	220	8	3.44	5	38	0.05	15	10	14	15
JM RC-06-07	262	264	109020 EXT		0.317	1	6.02	18	540	1.1	2	0.02	0.5	14	9	4820	1.62	1.58	0.29	77	66	0.11	11	300	12	1.19	5	55	0.07	22	10	20	20
JM RC-06-07	264	266	109021 EXT		0.273	0.8	6	25	540	1.2	2	0.04	1.6	9	22	4120	2.25	1.58	0.27	100	70	0.12	11	310	13	1.31	5	79	0.08	24	10	25	30
JM RC-06-07	266	268	109022 EXT		0.416	0.8	5.97	34	540	1.1	4	0.02	4.2	13	9	9530	2.15	1.61	0.33	67	76	0.1	11	240	13	1.97	5	77	0.05	20	10	22	40
JM RC-06-07	268	270	109023 EXT		0.36	1	6.67	131	500	1	2	0.02	0.5	8	7	4650	2.42	1.7	0.32	90	64	0.11	10	270	16	1.45	5	69	0.08	32	10	21	30
JM RC-06-07	270	272	109024 EXT		0.212	0.8	6.51	44	990	1.2	2	0.03	0.6	7	8	4340	2.35	1.78	0.34	91	114	0.13	9	290	6	1.78	5	76	0.07	24	10	25	70
JM RC-06-07	272	274	109025 EXT		0.222	0.5	6.29	576	540	1	2	0.03	0.6	12	7	5310	2.84	2.04	0.28	90	72	0.13	11	240	13	2.09	27	65	0.07	24	10	32	30
JM RC-06-07	274	276	109026 EXT		0.332	1.3	5.04	521	370	0.9	2	0.02	1.3	13	8	6230	2.58	1.61	0.24	74	103	0.1	10	230	32	2.62	33	73	0.05	22	10	24	50
JM RC-06-07	276	278	109027 EXT		0.136	0.9	4.64	1280	290	0.9	2	0.03	1.2	10	11	5370	2.43	1.66	0.19	101	255	0.1	11	200	34	2.27	71	66	0.04	17	10	18	60
JM RC-06-07	278	280	109028 EXT		0.677	1.4	5.3	986	350	0.8	3	0.03	4.9	9	5	5480	2.23	1.87	0.21	76	130	0.11	9	270	31	2.36	47	68	0.06	25	10	21	80
JM RC-06-07	280	282	109029 EXT		0.166	0.6	5.53	352	340	0.9	3	0.03	2.5	10	6	6700	2.75	1.87	0.28	62	66	0.1	9	250	15	2.56	12	68	0.06	26	10	24	50
JM RC-06-07	282	284	109030 EXT		0.143	1.2	5.09	315	280	0.9	3	0.03	0.5	7	6	5630	2.35	1.81	0.28	91	191	0.09	7	270	9	1.68	4	55	0.05	20	10	18	40
JM RC-06-07	284	286	109031 ORG		0.37	1.8	4.32	58	270	0.9	2	0.03	0.5	7	3	6300	1.64	1.25	0.2	54	148	0.08	7	340	31	1.93	5	39	0.04	23	10	16	40
JM RC-06-07	286	288	109032 EXT		0.232	0.7	5.44	121	320	1	2	0.03	2.3	8	9	6640	2.43	1.79	0.23	65	78	0.16	9	340	14	2.51	7	64	0.05	25	10	20	50
JM RC-06-07	288	290	109034 EXT		0.456	1.6	5.44	18	360	1.4	4	0.03	0.5	9	14	6530	1.84	1.94	0.28	85	102	0.13	12	280	18	1.97	6	85	0.05	30	10	22	60
JM RC-06-07	290	292	109035 EXT		0.512	2.6	5.38	10	430	1.4	3	0.03	0.5	11	8	8880	1.92	1.91	0.31	108	112	0.13	12	290	14	1.38	5	84	0.05	30	10	30	60
JM RC-06-07	292	294	109036 EXT		0.455	2.7	5.26	17	340	1.3	2	0.03	0.5	9	13	6280	2.82	1.85	0.26	108	136	0.11	16	260	16	2.14	6	95	0.05	24	10	26	60
JM RC-06-07	294	296	109037 EXT		0.347	2.3	5.55	14	360	1.2	3	0.03	0.5	7	13	5360	1.42	1.65	0.29	73	108	0.13	13	250	10	1.48	5	54	0.06	25	10	18	50
JM RC-06-07	296	298	109038 EXT		0.356	3.1	5.43	84	370	1.3	4	0.03	1.4	7	9	6880	1.82	1.82	0.26	73	100	0.12	11	370	16	1.41	87	78	0.04	19	10	18	120
JM RC-06-07	298	300	109039 EXT		0.324	1.5	4.99	46	300	1.3	3	0.03	1.1	10	10	4910	1.61	1.54	0.23	67	111	0.13	10	230	7	1.58	13	72	0.03	20	10	16	60
JM RC-06-07	300	302	109040 EXT		0.13	1.4	4.99	63	360	1	2	0.03	0.6	9	13	6850	1.6	1.62	0.23	58	133	0.12	11	220	12	1.51	11	39	0.05	27	10	15	70
JM RC-06-07	302	304	109041 EXT		0.11	1.2	7.16	245	300	1.3	3	0.06	0.5	6	14	5190	1.64	1.98	0.32	96	82	0.14	12	600	35	1.71	30	112	0.08	34	10	19	70
JM RC-06-07	304	306	109042 EXT		0.184	1.4	6.35	249	360	1	2	0.06	0.5	5	27	4230	2.13	1.87	0.24	84	125	0.15	16	530	52	1.97	52	147	0.08	47	10	33	30
JM RC-06-07	306	308	109043 EXT		0.293	1.2	6.19	108	300	1.5	2	0.1	0.5	7	25	5430	1.68	2.06	0.29	71	66	0.17	17	840	22	1.68	7	84	0.16	66	10	29	30
JM RC-06-07	308	310	109044 EXT		0.276	0.8	10.1	17	480	1.6	2	0.12	0.5	11	39	3400	1.47	1.91	0.37	47	66	0.19	24	1270	14	1.91	5	63	0.15	214	10	21	10
JM RC-06-07	310	312	109045 EXT		0.279	0.5	10.15	18	250	3	4	0.1	0.5	13	31	3340	1.97	2.05	0.37	215	75	0.19	16	1260	16	1.37	6	73	0.34	130	10	31	10
JM RC-06-07	312	314	109046 EXT		0.331	0.5	10.35	37	300	2.5	4	0.09	0.5	10	37	3180	2.36	1.95	0.46	509	44	0.14	16	810	18	0.77	5	79	0.26	112	10	38	10
JM RC-06-07	314	316	109047 EXT		0.345	0.5	10.15	7	130	2.9	2	0.18	1	14	36	2960	3.82	1.52	1.9	999	47	0.07	30	1110	21	0.72	5	71	0.31	143	10	39	10
JM RC-06-07	316	318	109048 EXT		0.566	0.5	7.98	5	150	1.9	2	0.21	0.9	16	33	3950	4.52	1.43	2.1	888	72	1.52	23	800	16	0.57	5	71	0.38	143	10	39	10
JM RC-06-07	318	320	109049 EXT		0.321	0.5	8.89	12	190	2.1	2	0.13	1.2	16	22	3290	3.51	1.63	1.58	977	76	0.9	24	1020	13	0.44	5	54	0.36	139	10	36	10
JM RC-06-07	320	322	109050 EXT		0.271	0.5	8.9	13	200	2.8	2	0.25	1.9	16	27	3910	4.66	1.98	1.97	882	40	0.69	24	1080	15	0.39	5	70	0.43	178	10	46	10
JM RC-06-07	322	324	109051 ORG		0.324	0.5	8.82	10	220	2	2	0.29	1	15	13	3700	4.46	1.97	1.99	820	44	1.34	14	1370	16	0.42	5	61	0.57	169	10	46	10
JM RC-06-07	324	326	109053 EXT		0.561	0.6	8.77	16	190	2.4	3	0.24	0.8	22	31	3910	5.17	1.77	1.62	778	46	1.02	25	1680	18	0.65	5	68	0.57	208	10	56	10
JM RC-06-07	326	328	109054 EXT		0.548	0.5	9.91	20	168	2.4	2	0.2	1.2	18	27	3120	4.87	1.87	1.93	1040	64	0.71	30	1150	17	0.41	5	88	0.46	165	10	52	10
JM RC-06-07	328	330	109055 EXT		0.311	0.5	7.36	6	200	1.9	2	0.13	0.8	14	29	2960	4	1.43	1.76	964	60	1.44	17	800	17	0.42	5	65	0.3	116	10	38	10
JM RC-06-07	330	332	109056 EXT		0.381	0.5	8.65	9	230	1.7	2	0.11	0.7	14	21	3140	3.38	1.55	1.15	880	52	1.25	14	980	17	0.52	5	65	0.27	109	10	43	10
JM RC-06-07	332	334	109057 EXT		0.348	0.9	8.73	5	448	1.9	2	0.05	0.5	9	9	4760	2.19	1.42	0.77	222	45	0.68	6	540	12	0.54	5	53	0.12	53	10	20	80
JM RC-06-07	334	336	109058 EXT		0.251	0.9	7.17	5	410	1.8	2	0.07	0.7	9	16	4760	2.62	1.76	0.93	384	40	1.6	11	980	14	0.54	5	51	0.15	63	10	26	111
JM RC-06-07	336	338	109059 EXT		0.356	0.9	7.17	8	360	1.7	2	0.07	2.2	15	16	5130	3.23	1.67	1.16	567	66	0.9	18	900	11	0.77	5	61	0.19	83	10	37	167
JM RC-06-07	338	340	109060 EXT		0.438	0.7	6.74	5	340	1.7	3	0.08	1.2	14	14	5150	2.58	1.79	0.85	508	45	1.34	16	900	16	0.58	5	54	0.15	91	10	33	160
JM RC-06-07	340	342	109061 EXT		0.354	0.7	7.98	7	270	2.1	2	0.04	1	14	31	5320	3.25	1.9	0.96	514	60	1.29	25	980	16	0.61	5	49	0.26	117	10	43	120
JM RC-06-07	342	344	109062 EXT		0.347	0.5	7.47	5	230	1.8	2	0.1	0.7	10	11	4510	2.62	1.53	0.99	382	107	1.48	15	430	12	0.51	5	54	0.12	73	10	28	100
JM RC-06-07	344	346	109063 EXT		0.345	0.5	8.06	9	200	2.8	2	0.15	0.9	20	36	3980	4.52	1.74	1.74	548	71	1.07	32	1020	17	0.46	5	73	0.39	156	10	55	10
JM RC-06-07	346	348	109064 ILM		0.326	0.6	8.82	5	270	1.8	2	0.08	0.5	8	9	4600	3.67	1.7	0.85	830	40	1.56	15	880	13	0.44	5	58	0.27	108	10	40	120
JM RC-06-07	348	350	109065 EXT		0.357	0.9	8.91	7	300	2	4	0.07	0.9	9	11	5600	2.94	2.28	0.97	423	63	0.34	12	450	15	0.6	5	65	0.2	91	10	36	160
JM RC-06-07	350	352	109066 EXT		0.358	1	7.3	8	270	2	3	0.07	0.8	7	20	5130	2.74	2.01	0.8	404	72	0.44	14	450	13	0.69	5	67	0.32	100	10	36	160
JM RC-06-07	352	354	109067 EXT		0.421	0.6	8.17	5	230	2.1	2	0.13	1	13	16	5130	3.19	1.74	1.56	823	38	1.18	20	980	15	0.62	5	67	0.32	100	10	42	170
JM RC-06-07	354	356	109068 EXT		0.237	0.5	7.48	5	250	2.1	2	0.16	0.7	8	19	3940	2.86	1.49	1.46	546	267	1.36	14	470	16	0.56	5	75	0.24	82	10	30	140
JM RC-06-07	356	358	109069 EXT		0.199	0.5	7.83	9	200	2.3	2	0.25	0.5	9	29	2560	3.95	1.79	2.36	544	115	1.95	16	470	13	0.29	5	79	0.41	107	10	46	150
JM RC-06-07	358	360	109070 EXT		0.353	0.5	7.57	9	170	2	4	0.14	0.5	11	27	3410	3.68	1.47	1.26	441	68	1.23	21	620	14	0.47	5	72	0.25	91	10	33	110
JM RC-06-07	360	362	109071 EXT		0.469	0.5	7.63	10	180	2.4	2	0.32	0.5	16	40	4880	4.84	1.91	2.29	567	51	1.26	36	1030	21	0.62	5	76	0.31	138	10	48	130
JM RC-06-07	362	364	109072 EXT		0.433	0.5	8.04	7	150	2	5	0.11	0.5	21	21	4160	4.78	1.73	2.75	498	62	1.89	44	560	15	0.72	5	75	0.4	134	10	46	160
JM RC-06-07	364	366	109073 EXT		0.256	0.5	7.73	5	170	1.7	2	0.08	0.5	10	24	3340	4.55	1.72	2.79	428	32	1.73	55	470	12	0.64	5	63	0.36	147	10	44	160
JM RC-06-07	366	368	109074 ORG		0.399	0.5	8.22	8	220	1.6	2	0.25	0.5	13	24	3360	4.32	1.63	1.74	353	32	2.7	34	670	17	0.38	5	104	0.33	177	10	44	140
JM RC-06-07	368	370	109076 EXT		0.317	0.8	7.51	13	190	1.5	2	0.18	0.5	11	21	3520	3.28	1.7	1.42	280	45	2.16	14	700	19	1.27	5	123	0.27	109	10	34	140
JM RC-06-07	370	372	109077 EXT		0.254	0.6	8.08	16	260	1.7	2	0.13	0.5	12	31	3270	3.63	1.98	1.74	388	34	2.88	21	740	20	1.39	5	101	0.27	128	10	38	150
JM RC-06-07	372	374	109078 EXT		0.305	0.9	7.74	39	198	1.5	2	0.06	0.5	12	23	3710	3.44	1.84	1.68	341	76	1.06	21	740	17	2.13	5	61	0.23	118	10	34	110
JM RC-06-07	374	376	109079 EXT		0.383	0.8	7.84	7	210	1.7	2	0.11	0.5	13	16	4300	4.27	1.85	1.98	397	42	1.16	26	820	20	1.21	5	67	0.28	131	10	41	130
JM RC-06-07	376	378	109080 EXT		0.38	0.5	7.45	5	220	1.7	2	0.09	0.5	12	21	3910	4.01	1.93	1.43	279	31	0.75	19	760	16	0.42	5	46	0.27	112	10	34	90
JM RC-06-07	378	380	109081 EXT		0.295	0.5	8.23	13	190	1.6	3	0.11	0.5	14	21	3760	3.76	1.95	1.68	983	29	1.38	18	710	28	0.93	5	78	0.28	123	10	46	150
JM RC-06-07	380	382	109082 EXT		0.298	0.5	7.79	17	190	1.5	2	0.12	0.5	12	23	2730	3.58	1.53	2.66	472	34	2.36	15	900	18	1.01	5	91	0.27	121	10	34	140
JM RC-06-07	382	384	109083 EXT		0.265	0.5	7.75	10	230	1.5	3	0.14	0.5	11	22	2740	3.32	1.91	2	529	29	2.19	19	940	23	0.83	5	87	0.3	129	10	38	170
JM RC-06-07	384	386	109084 EXT		0.293	0.5	7.39	16	200	1.6	2	0.18	0.5	10	16	3800	3.3	1.82	1.98	983	32	2.69	9	870	24	0.5	5	79	0.31	102	10	36	120
JM RC-06-07	386	388	109085 EXT		0.21	0.5	5.38	5	230	1.3	2	0.05	0.5	7	8	3630	2.54	2.05	0.81	499	38	0.67	6	380	15	0.36	5	39	0.16	62	10	26	60
JM RC-06-07	388	390	109086 EXT		0.239	0.5	6.88	6	320	1.4	2	0.12	0.5	7	7	2900	2.79	2.03	0.64	404	19	2.32	7	480	36	0.29	5	68	0.24	96	10	32	80
JM RC-06-07	390	392	109087 EXT		0.321	0.6	6.45	15	360	1.4	2	0.07	0.5	9	5	3740	3	1.52	0.68	343	34	1.56	7	510	24	0.91	5	64	0.15	95	10	28	90
JM RC-06-07	392	394	109088 EXT		0.24	0.5	7.13	7	310	1.8	3	0.09	0.5	9	7	2790	2.8	2.54	0.98	444	21	1.79	7	620	36	0.39	5	73	0.16	64	10	30	110
JM RC-06-07	394	396	109089 EXT		0.312	0.5	6.72	8	320	1.9	2	0.07	0.5	7	7	3640	2.73	1.99	0.72	397	30	1.27	9	570	21	0.53	5	59	0.18	61	10	32	70
JM RC-06-07	396	398	109090 EXT		0.239	0.8	6.53	13	410	1.7	2	0.08	0.5	9	4	3810	2.46	2.11	0.8	488	45	1.27	6	500	23	0.48	5	65	0.16	80	10	34	100
JM RC-06-07	398	400	109091 ORG		0.207	0.5	6.03	14	370	1.4	2	0.08	0.5	7	2	3280	3.03	1.8	0.74	372	26	1.16	6	470	26	0.54	5	67	0.17	84	10	28	70
JM RC-06-07	400	402	109093 EXT		0.258	1	6.24	12	310	1.5	2	0.08	0.5	5	3	3400	2.34	2.18	0.77	361	59	0.88	6	560	16	0.7	5	64	0.14	88	10	30	80
JM RC-06-07	402	404	109094 EXT		0.172	0.7	6.57	12	200	1.3	2	0.07	0.5	6	3	2210	2.72	2.15	0.69	378	21	1.7	4	400	14	1.81	5	39	0.16	58	10	24	60
JM RC-06-07	404	406	109095 EXT		0.206	0.5	6.49	7	280	1.1	4	0.05	0.5	5	4	2980	3.16	1.99	0.65	348	18	1.2	5	330	17	0.72	5	54	0.17	87	10	28	70
JM RC-06-07	406	408	109096 EXT		0.284	0.8	6.55	11	370	1.2	2	0.07	0.5	5	3	3630	3.02	2.21	0.74	438	23	1.36	5	480	16	0.37	5	57	0.21	86	10	30	70
JM RC-06-07	408	410	109097 EXT		0.362	0.5	6.9	6	460	1.1	3	0.11	0.5	5	2	3880	2.75	1.72	0.89	318	17	2.08	5	530	34	0.32	5	68	0.17	90	10	30	80
JM RC-06-07	410	412	109098 EXT		0.277	0.5	6.91	10	410	1.3	2	0.04	0.5	6	2	3900	3.06	1.75	0.82	893	38	1.98	4	380	35	0.29	5	68	0.16	80	10	30	60
JM RC-06-07	412	414	109099 EXT		0.364	0.7	5.91	11	330	1.3	3	0.05	0.5	6	3	3330	3.66	1.75	0.78	554	19	0.97	4	440	19	0.4	5	47	0.12	74	10	24	50
JM RC-06-07	414	416	109100 EXT		0.286	0.5	5.77	10	330	1.3	2	0.05	0.5	7	4	3540	3.19	1.75	0.79	363	29	0.95	4	330	13	0.46	5	56	0.13	68	10	26	60
JM RC-06-07	416	418	109101 EXT		0.381	1	6.1	30	310	1.6	2	0.05	0.5	7	2	4000	3.19	1.8	0.67	422	20	0.99	5	420	15	0.77	5	64	0.1	90	10	34	60
JM RC-06-07	418	420	109102 EXT		0.208	0.7	5.66	219	270	1.4	2	0.09	1	5	3	3880	2.5	2.07	0.41	273	25	0.67	5	630	66	1.58	7	202	0.13	52	10	28	80
JM RC-06-07	420	422	109103 EXT		0.266	0.5	7.83	22	320	1.7	2	0.22	0.5	7	17	3630	3.64	1.76	1.29	439	18	2.39	12	970	22	0.42	5	68	0.19	72	10	34	90
JM RC-06-07	422	424	109104 EXT		0.197	0.5	6.39	9	260	1.5	2	0.08	0.5	6	3	3230	2.73	1.97	0.8	364	29	1.1	6	560	26	0.61	5	54	0.15	76	10	28	60
JM RC-06-07	424	426	109105 EXT		0.284	0.5	8.21	8	270	1.4	2	0.09	0.5	4	4	2570	2.21	1.87	0.67	480	17	1.62	4	410	17	0.34	5	62	0.08	46	10	18	70
JM RC-06-07	426	428	109106 EXT		0.226	0.5	6.91	8	260	1.6	3	0.13	0.5	4	4	3630	2.71	1.45	0.75	648	39	2.48	7	460	22	0.34	5	127	0.22	63	10	24	90
JM RC-06-07	428	430	109107 EXT		0.154	1.1	5.62	5	300	1.6	2	0.07	0.5	4	3	3640	2.46	2.18	0.73	1060	91	1.53	6	410	16	0.43	5	39	0.2	122	10	30	60
JM RC-06-07	430	432	109108 EXT		0.247	0.5	5.72	16	300	1.4	2	0.08	0.5	4	2	3410	2.66	1.94	0.



RCH	From	To	SAM	CAT	Ag_ppm	Al_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_L/ppb
JM RC-40-07	242	244	109236	EXT	0.288	1	6.69	5	570	1.6	2	0.29	0.7	16	20	3640	4.19	1.56	1.79	640	116	1.71	21	470	30	0.91	5	25	0.17	110	10	230	10
JM RC-40-07	244	246	109237	EXT	0.199	0.7	6.66	13	600	2.1	2	0.25	0.5	23	24	2800	5.3	2.04	2	601	200	1.74	24	1060	16	0.95	5	37	0.26	141	10	211	10
JM RC-40-07	246	248	109238	EXT	0.28	1	10.15	4	670	2.4	2	0.27	0.5	24	24	3750	5.09	1.64	1.96	664	160	1.25	24	660	15	0.84	5	27	0.29	145	10	234	10
JM RC-40-07	248	250	109239	EXT	0.323	1	6.79	5	730	2	2	0.18	0.5	19	20	3460	4.26	2.03	1.76	672	143	0.96	20	670	10	0.66	5	19	0.28	126	10	231	10
JM RC-40-07	250	252	109240	EXT	0.172	0.8	8.1	5	660	1.6	2	0.19	0.5	16	22	3000	4.27	2.48	1.84	648	215	1.02	18	590	16	0.77	5	32	0.23	128	10	226	20
JM RC-40-07	252	254	109241	EXT	0.197	0.9	6.64	5	660	1.8	3	0.2	0.7	16	24	3300	4.16	1.79	1.88	677	183	0.96	20	640	11	0.7	5	43	0.22	118	10	195	10
JM RC-40-07	254	256	109242	EXT	0.15	1.1	6.69	5	660	1.6	2	0.19	0.5	12	24	2850	3.78	1.69	1.65	630	156	0.86	19	660	11	0.56	5	29	0.21	123	10	186	10
JM RC-40-07	256	258	109243	EXT	0.479	1.8	9.68	5	760	2	5	0.21	0.8	10	18	7460	3.85	2.64	1.87	713	149	0.14	21	1060	39	1.08	5	18	0.19	116	10	224	10
JM RC-40-07	258	260	109244	EXT	0.342	1.4	9.57	7	840	2.9	6	0.25	1.5	13	20	9860	4.26	2.56	2.19	691	391	0.37	29	1040	11	0.92	5	47	0.25	136	10	292	10
JM RC-40-07	260	262	109245	EXT	0.233	1	9.97	5	750	2	2	0.32	0.7	16	22	3600	4.57	2.08	2.03	757	165	0.41	29	970	6	1.1	5	27	0.24	128	10	187	10
JM RC-40-07	262	264	109246	EXT	0.279	0.8	6.64	5	740	1.6	2	0.43	0.8	18	20	3290	4.09	1.77	1.81	642	134	0.79	18	640	6	1.01	5	25	0.22	120	10	134	10
JM RC-40-07	264	266	109247	EXT	0.199	1.2	9.97	5	730	1.8	3	0.29	0.5	14	29	3370	4.05	2.13	1.7	613	124	0.56	22	630	7	0.97	5	18	0.19	119	10	151	10
JM RC-40-07	266	268	109248	ORG	0.161	0.9	8.91	5	710	2.1	4	0.29	0.8	13	23	4360	3.96	1.61	1.86	781	136	0.98	19	900	6	0.78	5	44	0.21	122	10	183	10
JM RC-40-07	268	270	109250	EXT	0.201	0.6	6.86	5	660	2	3	0.22	0.8	14	22	4210	3.8	2.04	1.82	686	184	1.07	20	630	14	0.92	5	44	0.24	126	10	198	30
JM RC-40-07	270	272	109251	EXT	0.275	1.2	9.24	7	750	2.3	3	0.19	1.9	14	24	4380	3.81	1.93	2.25	980	366	0.88	32	630	42	0.97	5	56	0.19	114	10	224	20
JM RC-40-07	272	274	109252	EXT	0.178	1	8.78	9	780	2.1	2	0.22	0.7	14	22	4010	3.87	1.82	2.05	772	288	0.89	29	790	9	0.71	5	42	0.22	128	10	172	30
JM RC-40-07	274	276	109253	EXT	0.239	1.4	7.68	7	690	1.9	3	0.39	1.2	12	19	4690	3.53	1.82	1.8	678	157	0.64	17	730	16	1.11	5	24	0.19	86	10	212	10
JM RC-40-07	276	278	109254	EXT	0.36	1.4	7.73	5	680	1.6	2	0.35	1	13	19	4030	3.54	1.53	1.99	1040	154	1.15	19	670	39	0.82	5	36	0.19	101	10	206	20
JM RC-40-07	278	280	109255	EXT	0.168	0.8	6.48	5	650	1.4	2	0.26	0.8	16	20	2940	3.85	1.74	1.96	988	184	0.86	17	610	19	1.04	5	25	0.15	112	10	171	20
JM RC-40-07	280	282	109256	EXT	0.243	1.1	9.63	5	680	1.7	3	0.22	1	12	17	3640	3.41	2.31	1.74	765	212	0.85	15	730	24	1.03	5	33	0.11	92	10	153	30
JM RC-40-07	282	284	109257	EXT	0.165	0.7	8.1	12	560	1.6	2	0.24	0.5	15	18	3330	4.01	2.41	2.24	641	127	0.86	22	640	23	0.58	5	41	0.29	138	10	150	50
JM RC-40-07	284	286	109258	EXT	0.193	0.8	8.13	11	600	1.9	2	0.25	0.7	16	24	3340	4.44	2.58	2.27	765	116	0.74	23	660	28	0.66	5	36	0.23	131	10	166	60
JM RC-40-07	286	288	109259	EXT	0.132	0.8	7.38	5	630	1.6	2	0.22	0.7	12	20	2620	3.58	2.46	1.86	630	142	0.66	22	600	31	0.78	5	26	0.19	116	10	166	60
JM RC-40-07	288	290	109260	EXT	0.173	1.2	7.47	16	590	1.7	2	0.31	1.4	17	26	2980	4.26	2.51	1.93	688	215	0.46	21	620	166	0.95	5	27	0.22	126	10	208	70
JM RC-40-07	290	292	109261	EXT	0.156	1.7	7.1	9	530	1.7	2	0.38	2.7	17	22	3050	4.65	2.68	1.86	1070	176	0.37	25	660	97	0.89	5	25	0.17	104	10	364	80
JM RC-40-07	292	294	109262	EXT	0.33	0.7	7.64	8	580	1.7	2	0.3	1.1	15	24	2780	4.4	2.58	2.04	650	167	0.54	25	660	101	1.08	5	31	0.2	124	10	567	50
JM RC-40-07	294	296	109263	EXT	0.2	0.5	6.92	8	530	1.6	2	0.35	0.8	17	51	3110	5.01	2.36	2.48	911	166	1.02	34	620	52	0.65	5	66	0.29	144	10	175	60
JM RC-40-07	296	298	109264	EXT	0.178	0.6	7.84	5	600	1.7	2	0.31	0.4	16	32	3170	4.66	2.57	2.15	678	314	0.62	22	610	32	1.04	5	37	0.25	135	10	136	50
JM RC-40-07	298	300	109265	EXT	0.153	0.5	8.4	8	650	1.8	2	0.52	0.5	19	35	2670	5.45	2.58	2.57	782	202	0.64	24	660	25	0.88	5	72	0.29	151	10	150	50
JM RC-40-07	300	302	109266	EXT	0.156	0.5	7.98	8	560	1.8	2	0.4	0.5	17	30	1990	4.75	1.94	2.47	673	70	1.15	24	650	20	0.44	5	150	0.14	144	10	132	50
JM RC-40-07	302	304	109267	EXT	0.143	0.5	6.12	6	570	1.6	2	0.3	0.5	16	33	2360	4.41	2.24	2.35	630	122	0.97	24	650	14	0.86	5	71	0.26	143	10	112	60
JM RC-40-07	304	306	109268	EXT	0.158	0.5	6.2	6	570	1.6	2	0.28	0.6	15	39	2450	4.47	2.42	2.24	642	117	0.4	25	640	29	0.63	5	63	0.23	136	10	180	70
JM RC-40-07	306	308	109269	EXT	0.131	0.4	7.34	12	580	1.6	2	1.36	0.5	17	32	2660	4.19	2.32	2	625	123	0.43	25	630	21	1.08	5	145	0.23	126	10	124	50
JM RC-40-07	308	310	109270	EXT	0.162	0.5	7.6	7	590	1.7	2	0.54	0.5	15	30	2280	3.88	2.39	2.16	670	206	0.66	23	670	19	0.73	5	53	0.26	132	10	86	40
JM RC-40-07	310	312	109271	EXT	0.158	0.5	7.68	10	600	1.7	2	0.44	0.5	19	32	2210	4.49	2.68	2.3	910	99	1.1	24	660	19	0.4	5	53	0.23	146	10	98	40
JM RC-40-07	312	314	109272	EXT	0.198	0.9	8.15	13	670	2.1	2	0.47	0.6	18	32	2620	4.47	2.4	2.27	840	105	0.9	24	660	31	0.58	5	70	0.29	141	10	106	50
JM RC-40-07	314	316	109273	ORG	0.168	0.5	7.97	8	660	1.9	2	0.95	0.5	18	30	2580	4.17	2.06	2.17	840	103	1.37	24	620	19	0.91	5	66	0.29	134	10	116	40
JM RC-40-07	316	318	109275	EXT	0.247	0.6	7.78	11	620	1.9	2	0.42	0.5	15	28	3700	3.87	2.12	2.11	662	153	1.31	21	760	19	0.82	5	60	0.24	126	10	117	50
JM RC-40-07	318	320	109276	EXT	0.224	0.8	7.97	8	640	1.7	2	0.4	0.9	17	32	3400	4.45	2.3	2.19	893	154	1.13	23	630	36	0.62	5	57	0.26	135	10	192	50
JM RC-40-07	320	322	109277	EXT	0.28	0.6	6.86	11	530	1.8	2	0.37	0.5	22	37	3770	4.68	2.27	2.62	878	131	0.84	32	650	16	0.86	5	46	0.23	166	10	153	50
JM RC-40-07	322	324	109278	EXT	0.154	0.5	4.4	14	530	2.2	2	0.73	0.5	26	66	2250	5.57	2.45	3.67	988	195	0.53	53	1240	15	0.47	5	135	0.53	166	10	149	50
JM RC-40-07	324	326	109279	EXT	0.178	0.5	8.75	15	530	2.2	2	0.46	0.6	24	57	3460	5.29	2.71	3.3	772	141	0.42	30	1170	34	0.4	5	64	0.46	166	10	121	50
JM RC-40-07	326	328	109280	EXT	0.174	0.5	8.84	11	530	2.2	2	0.57	0.5	27	57	2230	5.28	2.71	3.54	748	400	0.53	53	1200	14	0.38	5	97	0.6	190	10	121	40
JM RC-40-07	328	330	109281	EXT	0.259	0.8	7.24	12	540	1.9	2	0.45	0.5	13	30	4960	3.59	2.46	2.81	854	1136	0.38	22	660	13	0.71	5	34	0.17	121	10	91	40
JM RC-40-07	330	332	109282	EXT	0.292	0.6	7.68	7	600	1.8	2	0.44	0.9	15	30	3820	4.24	2.13	2.14	742	140	1.08	23	620	21	0.6	5	90	0.2	132	10	156	50
JM RC-40-07	332	334	109283	EXT	0.234	0.6	8.44	10	630	1.7	2	0.47	0.5	19	37	3630	4.63	2.16	2.54	740	74	1.27	27	660	12	0.44	5	82	0.23	154	10	112	40
JM RC-40-07	334	336	109284	EXT	0.275	0.5	8.74	6	650	2	2	0.68	0.5	20	37	3830	5.75	2.57	2.96	845	72	0.51	26	1000	13	0.44	5	53	0.4	164	10	136	50
JM RC-40-07	336	338	109285	EXT	0.184	0.5	8.04	5	660	1.8	3	0.68	0.5	20	37	2960	4.65	2.3	2.4	837	166	0.65	19	1270	27	0.4	5	112	0.43	163	10	94	40
JM RC-40-07	338	340	109286	EXT	0.139	0.5	8.45	17	650	2.1	2	1.15	0.5	22	42	2310	5.5	1.9	2.9	930	128	1.87	23	1730	18	0.34	5	202	0.62	200	10	118	40
JM RC-40-07	340	342	109287	EXT	0.148	0.5	7.74	12	660	1.8	3	0.62	0.5	20	37	2330	4.94	1.75	2.61	778	78	1.16	24	1360	11	0.53	5	165	0.46	167	10	116	40
JM RC-40-07	342	344	109288	EXT	0.215	0.5	8.73	6	650	1.5	2	0.37	0.6	17	91	3500	3.9	1.88	1.87	736	157	0.64	22	640	39	0.49	5	54	0.22	112	10	124	50
JM RC-40-07	344	346	109289	EXT	0.197	0.5	7.48	4	660	1.4	2	0.35	0.5	14	33	2880	3.85	1.98	2.32	711	113	1.27	25	660	14	0.36	5	86	0.27	126	10	111	40
JM RC-40-07	346	348	109290	EXT	0.208	0.5	7.58	14	630	1.6	2	0.31	0.5	21	39	3090	4.8	2.04	2.54	976	98	1.36	28	1240	14	0.46	5	118	0.38	157	10	113	60
JM RC-40-07	348	350	109291	EXT	0.145	0.5	7.56	8	660	1.3	2	0.65	0.5	16	34	1910	4.44	1.7	2.27	582	64	1.51	24	560	11	0.33	5	134	0.32	137	10	103	60
JM RC-40-07	350	352	109292	EXT	0.257	0.6	7.27	15	670	1.3	3	0.75	0.5	17	32	2340	4.53	1.43	2.2	638	77	1.74	23	640	13	0.37	5	199	0.31	132	10	106	50
JM RC-40-07	352	354	109293	EXT	0.219	0.5	8.19	20	650	1.8	2	1.13	0.5	21	78	2160	5.37	1.98	2.8	897	125	1.2	58	1420	11	0.38	5	183	0.52	178	10	130	50
JM RC-40-07	354	356	109294	ORG	0.196	0.5	8.09	15	650	1.9	3	1.12	0.5	16	40	1950	5.76	1.94	2.45	736	79	1.14	23	1560	13	0.45	5	187	0.63	164	10	153	50
JM RC-40-07	356	358	109295	EXT	0.152	0.5	6.61	12	600	1.9	2	0.82	0.5	19	41	3210	5.54	2.46	2.76	791	96	0.75	24	1670	14	0.41	5	96	0.51	163	10	142	40
JM RC-40-07	358	360	109297	EXT	0.196	0.5	7.45	15	640	1.7	2	0.56	0.5	17	33	2340	4.22	2.18	2.24	654	97	0.76	19	1190	24	0.4	5	66	0.33	143	10	121	40
JM RC-40-07	360	362	109298	EXT	0.149	0.5	7.56	12	650	1.4	2	0.79	0.5	17	30	1760	4.36	1.74	2.02	643	64	1.51	25	1000	14	0.46	5	152	0.37	138	10	113	30
JM RC-40-07	362	364	109299	EXT	0.14	0.5	8.04	17	630	1.5	2	1.09	0.5	17	63	1800	4.99	1.91	2.75	883	66	1.36	36	1190	13	0.34	5	251	0.47	158	10	120	30
JM RC-40-07	364	366	109300	EXT	0.147	0.5	7.71	7	650	1.4	2	0.67	0.5	15	26	2360	4.06	2.02	2.22	745	202	1.16	24	1010	21	0.44	5	88	0.25	130	10	119	30
JM RC-40-07	366	368	109301	EXT	0.154	0.5	6.98	9	660	1.5	2	0.29	0.5	11	25	2410	3.34	1.91	1.96	585	270	1.22	17	760	14	0.4	5	101	0.19	101	10	117	30
JM RC-40-07	368	370	109302	EXT	0.156	0.7	7.1	8	670	1.5	2	0.25	0.5	10	31	3260	3.26	2.21	1.62	642	142	1.06	27	780	11	0.56	5	48	0.16	104	10	110	30
JM RC-40-07	370	372	109303	EXT	0.154	0.5	6.68	5	630	1.3	2	0.29	0.5	12	19	3760	3	1.98	1.54	627	182	1.45	16	640	13	0.54	5	58	0.15	88	10	105	30
JM RC-40-07	372	374	109304	EXT	0.261	0.6	7.25	9	660	1.4	2	0.29	0.5	12	24	3160	3.43	1.82	1.89	691	117	1.37	22	770	16	0.52	5	58	0.17	94	10	115	30
JM RC-40-07	374	376	109305	EXT	0.284	0.5	7.06	14	650	1.3	2	0.42	0.5	13	24	3160	3.52	1.98	1.77	791	114	1.36	19	770	15	0.51	5	64	0.16	107	10	116	30
JM RC-40-07	376	378	109306	EXT	0.128	0.5	7.24	13	650	1.4	2	0.63	0.5	15	28	2340	4	1.62	1.88	732	165	1.26	16	670	25	0.51	5	63	0.25	114	10	118	30
JM RC-40-07	378	380	109307	EXT	0.198	0.6	7.71	9	650	1.6	2	0.51	0.6	20	30	2560	4.54	2.07	1.98	767	122	1.23	20	1020	23	0.56	5	87	0.19	126	10	144	30
JM RC-40-07	380	382	109308	EXT	0.199	0.5	6.92	7	570	1.3	2	0.52	0.5	14	28	2610	4	1.84	1.75	611	221	1.11	19	950	26	0.54	5	97	0.23	112	10	108	30
JM RC-40-07	382	384	109309	EXT	0.129	0.5	7.29	5	600	1.3	2	0.39	0.5	14	32	2500	4.25	1.94	2.19	824	168	1.31	25	840	9	0.48	5	66	0.23	126	10	95	30
JM RC-40-07	384	386	109310	EXT	0.175	0.5	7.36	5	640	1.3	2	0.42	0.5	14	28	2120	4.04	1.97	1.79	697	141	1.28	14	800	23	0.56	5	71	0.25	119	10	113	30
JM RC-40-07	386	388	109311	EXT	0.154	0.5	6.61	5	630	1.1	2	0.39	0.5	14	20	1640	3.65	1.67	1.71	585	79	1.91	14	660	9	0.31	5	72	0.17	108	10	93	30
JM RC-40-07	388	389	109312	EXT	0.207	0.5	9.35	8	670	0.9	2	0.42	0.5	9	17	1460	2.67	1.22	1.57	563	63	1.17	11	880	9	0.28	5	91	0.14	79	10	87	30
JM RC-40-07	389	392	109313	EXT	0.131	0.5	7.62	5	660	1.4	2	0.68	0.5	17	30	1990	4.57	1.74	2.58	966	62	1.83	20	950	14	0.41	5	125	0.21	134	10	113	30
JM RC-40-07	392	394	109314	ORG	0.161	0.5	8.96	5	630	1.3	2	0.42	0.5	11	29	3630	3.79	1.69	1.87	528	183	1.13	16	630	9	0.34	5	56	0.24	118	10	85	30
JM RC-40-07	394	396	109316	EXT	0.148	0.5	7.41	6	660	1.3	2	0.58	0.5	15	32	2760	4.29	1.86	2.11	589	138	1.33	18	1010	18	0.46	5	75	0.3	151	10	111	30
JM RC-40-07	396	398	109317	EXT	0.261	0.6	8.79	5	660	1.2	2	0.72	0.5	13	24	3640	3.8	1.88	1.83	474	141	1.36	24	620	13	0.88	5	58	0.34	113	10	87	30
JM RC-40-07	398	400	109318	EXT	0.278	0.7	8.95	7	660	1.2	2	0.57	0.5	17	23	3500	4.03	1.97	1.85	496	142	1.27	19	850	12	0.95	5	57	0.15	113	10	89	30
JM RC-40-07	400	402	109319	EXT	0.175	0.7	7.13	10	540	1.4	2	0.54	0.5	15	24	3070	3.85	1.83	1.85	544	125	1.41	19	840	11	0.91	5	75	0.25	112	10	107	30
JM RC-40-07	402	404	109320	EXT	0.156	0.5	7.27	12	530	1.3	2	0.62	0.5	14	35	2260	4.6	1.84	1.88	589	104	1.68	18	640	39	0.76	5	104	0.27	112	10	116	30
JM RC-40-07	404	406	109321	EXT	0.151	0.5	7.68	15	560	1.4	3	0.96	0.5	17	34	1970	4.61	1.98	2.46	637	142	1.22	17	1330	15	0.91	5	113	0.46	164	10	118	30
JM RC-40-07	406	408	109322	EXT	0.278	0.5	7.83	16	650	1.8	3	1.1	0.8	20	46	1940	5.24	2.04	2.56	708	61	1.88	20	1600	36	1.53	5	123	0.56	185	10	106	30
JM RC-40-07	408	410	109323	ORG	0.15	0.5	7.28	6	770	1.8	2	0.96	0.5	19	31	2950	4.45	2.01	2.62	613	139	1.04	24	940	34	0.9	5	82	0.29	125	10	127	60
JM RC-40-07	410	412	109325	EXT	0.261	0.5	7.56	10	770	1.9	2	0.62	0.5	17	25	3330	4.15	1.8	1.97	900	97	1.79	18	960	15	0.78	5	97	0.29	121	10	125	30
JM RC-40-07	412	414	109326	EXT	0.189	0.7	7.3	7	640	1.4	2	0.47	0.5	16	29	3370	3.92	1.91	1.81	577	283	1.44	21	840	11	0.82	5	64	0.15	117	10	117	30
JM RC-40-07	414	416	109327	EXT	0.156	0.7	6.45	7	630	1.3	2	0.43	0.5	14	22	3080	3.51	1.62	1.61	542	156	1.06	15	820	10	0.74	5	63	0.17	104	10	112	30
JM RC-40-07	416	418	109328	EXT	0.199	0.6	7.58	5	1080	1.6	2	0.46	0.5	14	34	3460	3.8	2.24	2.1	881	425	1.19	20	1010	17	0.83	5	97	0.24	119	10	191	30
JM RC-40-07	418	420	109329	EXT	0.132	0.6	7.98	11	850	1.5	2	0.39	0.5	13	33	3260	3.5	2.3	1.79	697	166	1.1	16	840	19	0.62	5	58	0.18	116	10	125	30
JM RC-40-07	420	422	109330	EXT	0.151	0.6	7.77	9	880	1.7	2	0.67	0.5	17	33	2970	4.16	2.4	2.11	716	121	0.86	21	1020	21	1.02	5	66	0.25	123	10	164	30
JM RC-40-07	422	424	109331	EXT	0.127	0.5	7.85	6	750	1.7	2	0.58	0.5	25	47	2510	5.37	2.16	2.4	977	139	1.24	25	1180	40	1.61	5	116	0.33	142	10	186	30
JM RC-40-07	424	426	109332	EXT	0.119	0.6	8.1	7	660	1.4	2	0.56	0.5	17	44	2260	3.58	1.97	1.68	678	84	1.48	47	670	14	1.08	5	57	0.18	84	10	133	30
JM RC-40-07	426	427	109333	EXT	0.227	1	7.97	14	690	1.8	2	0.23

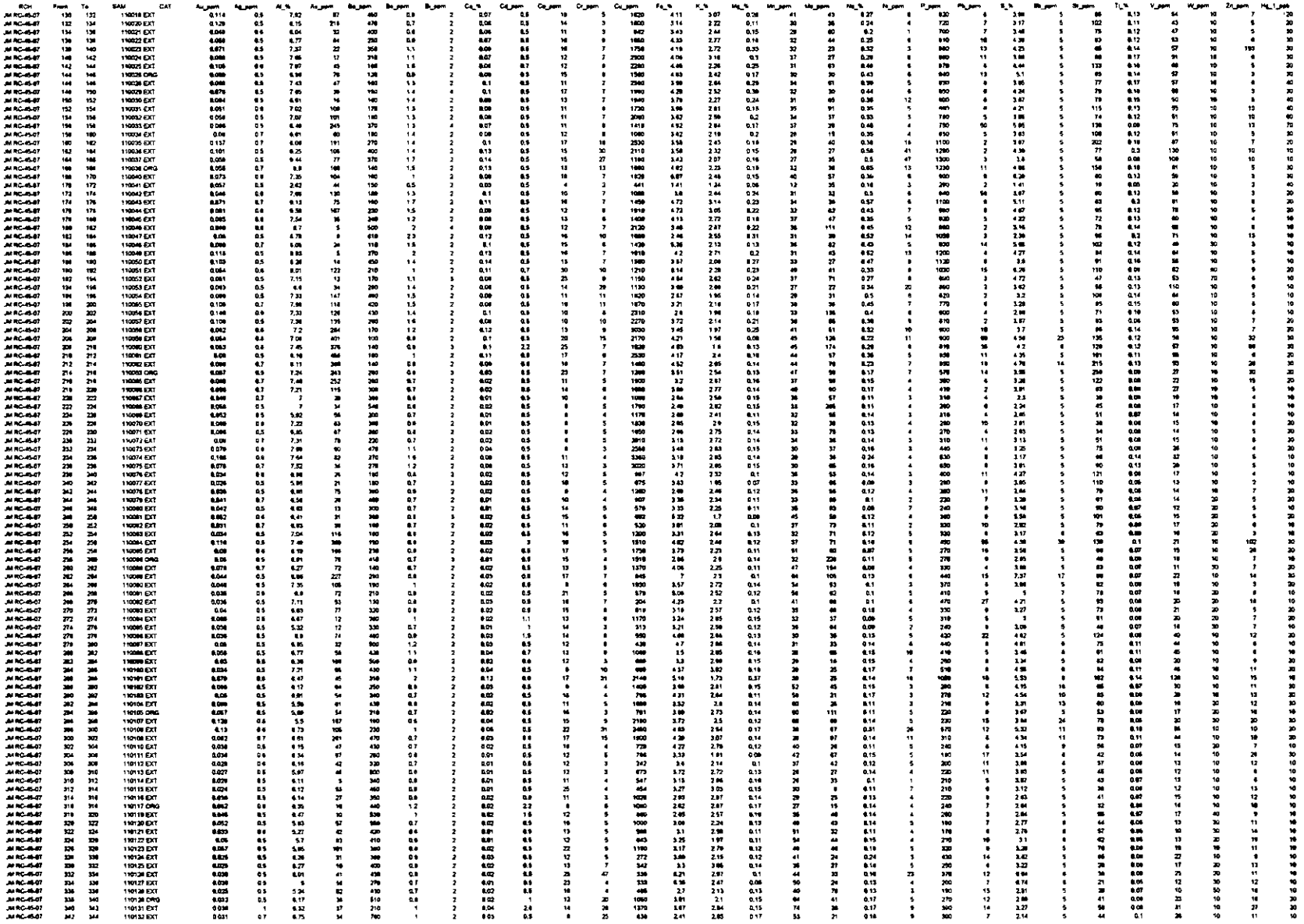
RCH	From	To	SAM	CAT	As_ppm	Ag_ppm	Al_%	Au_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Co_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-41-07	28	30	108458 EXT		0.006	1.2	7.82	66	100	3.1	6	6.34	4.8	27	29	29	4.07	2.72	1.27	666	2	1.12	24	666	229	4.61	5	80	0.15	47	10	710	40
JM RC-41-07	30	32	108350 EXT		0.051	2.5	6.51	61	110	2.6	10	6.06	4.9	9	9	26	2.35	2.09	0.35	723	1	0.8	7	600	403	2.5	5	62	0.07	14	10	1020	150
JM RC-41-07	32	34	108351 EXT		0.072	1.4	6.64	32	120	2.2	5	6.84	4.5	11	8	24	2.47	2.17	0.45	718	1	0.87	10	438	264	2.74	5	68	0.07	13	10	774	20
JM RC-41-07	34	36	108352 EXT		0.082	1.4	6.67	35	110	2.5	3	6.05	4.7	10	8	26	2.68	2.26	0.48	527	1	0.84	9	540	299	2.86	5	68	0.08	16	10	1020	30
JM RC-41-07	36	38	108353 EXT		0.057	1	7.22	18	100	2.9	2	6.29	4.1	20	48	28	3.09	3.46	1.22	526	1	1.13	37	479	229	3.91	5	36	0.16	68	10	917	30
JM RC-41-07	38	40	108354 EXT		0.057	0.8	6.6	34	80	3.4	4	6.2	2	17	18	32	3.51	3.26	0.72	414	2	0.91	17	660	267	3.7	5	44	0.08	44	10	868	30
JM RC-41-07	40	42	108355 EXT		0.046	1.1	8.56	45	80	2.8	2	6.16	5.6	14	20	48	3.62	2.8	0.95	510	2	1.52	14	800	368	3.32	5	53	0.08	34	10	868	30
JM RC-41-07	42	44	108356 EXT		0.043	0.8	6.86	37	60	2.8	3	6.15	1.9	18	36	30	5.15	2.5	1.14	808	3	1.61	21	1450	133	4.82	5	90	0.1	79	10	604	20
JM RC-41-07	44	46	108357 EXT		0.046	0.8	7.98	45	90	3.4	6	6.75	6.3	23	29	53	5.26	1.61	1.67	1130	2	2.13	30	1850	262	4.72	5	142	0.23	117	10	736	20
JM RC-41-07	46	48	108358 EXT		0.04	0.5	6.23	42	50	2.5	5	6.56	5.7	19	41	31	6.21	1.87	1.34	853	1	1.65	32	2630	174	5.91	5	122	0.18	116	10	451	20
JM RC-41-07	48	50	108359 EXT		0.051	0.8	7.78	43	70	2.9	2	6.35	4.3	15	42	27	6.19	2.06	0.98	412	2	1.56	25	3070	221	4.66	5	93	0.1	97	10	324	30
JM RC-41-07	50	52	108360 EXT		0.044	0.5	8.01	43	140	1.5	2	6.46	2.4	19	28	44	5.44	1.43	1.39	817	1	2.01	35	1410	144	3.64	5	150	0.26	151	10	579	20
JM RC-41-07	52	54	108361 EXT		0.035	0.5	7.91	34	90	1.9	2	6.48	3.6	60	51	43	5.63	1.99	1.32	548	1	1.3	44	1180	95	5.17	5	91	0.16	108	10	332	10
JM RC-41-07	54	56	108362 EXT		0.032	0.5	8.47	37	90	1.6	2	6.43	3.5	25	25	25	5.66	1.89	1.15	433	1	2.47	43	1290	97	5.84	5	110	0.19	118	10	232	20
JM RC-41-07	56	58	108363 EXT		0.056	0.8	7.79	27	40	1.7	2	6.55	3.7	40	40	20	6.2	2.29	1.02	326	4	0.41	34	760	94	7.14	5	45	0.11	95	10	288	320
JM RC-41-07	58	60	108364 EXT		0.048	0.7	7.35	31	60	1.6	3	0.51	17.5	42	39	29	6.68	2.01	1.03	264	2	0.36	34	1360	62	6.97	5	52	0.09	93	10	404	20
JM RC-41-07	60	62	108365 EXT		0.034	0.9	7.51	18	50	2	2	3.22	2	24	37	25	5.49	1.53	1.07	678	1	0.87	33	1950	62	6.43	5	177	0.11	83	10	363	40
JM RC-41-07	62	64	108366 EXT		0.036	0.8	7.3	36	40	1.8	2	3.4	2.5	30	45	24	5.42	1.74	1.57	1675	2	0.8	39	1740	113	6.67	5	208	0.15	88	10	446	10
JM RC-41-07	64	66	108367 EXT		0.034	0.8	6.7	13	40	1.6	2	4.17	1.8	16	40	13	5.31	2.04	1	1415	3	0.63	26	1760	95	6.2	5	212	0.11	91	10	253	60
JM RC-41-07	66	68	108368 ORG		0.047	0.7	6.82	16	50	1.8	2	3.85	1.1	16	36	15	5.53	1.97	1.14	2140	1	0.44	27	1670	76	6.3	5	231	0.1	80	10	214	60
JM RC-41-07	68	70	108378 EXT		0.043	0.6	7.12	18	40	1.7	2	3.84	1.2	16	41	32	5.57	2.06	1.23	2230	1	1	27	1760	77	6.56	5	208	0.13	89	10	456	30
JM RC-41-07	70	72	108371 EXT		0.038	0.6	7.22	15	50	1.5	3	4.13	0.9	16	35	18	5.12	2.01	1.01	988	1	0.86	24	1650	75	6.67	5	230	0.1	84	10	178	60
JM RC-41-07	72	74	108372 EXT		0.033	0.6	6.98	5	50	1.4	3	3.87	1.7	16	42	31	4.74	1.71	0.96	1180	2	0.78	20	1760	76	6.01	5	176	0.14	64	10	384	60
JM RC-41-07	74	76	108373 EXT		0.029	0.7	6.97	17	40	1.7	2	4.34	2	16	47	31	5.41	2.09	1.57	1386	2	0.88	26	1910	82	6.66	5	232	0.13	105	10	607	60
JM RC-41-07	76	78	108374 EXT		0.054	0.9	6.69	16	50	1.7	2	3.99	1.9	17	34	30	5.36	2.07	0.93	1136	1	0.62	22	1720	83	6.01	5	196	0.12	83	10	346	50
JM RC-41-07	78	80	108375 EXT		0.058	0.8	7.45	21	60	1.8	2	3.91	2.3	20	41	31	5.64	1.82	1.31	1630	1	1.25	28	1960	126	6.53	5	204	0.16	92	10	519	30
JM RC-41-07	80	82	108378 EXT		0.05	1	7.36	18	60	2.1	2	3.43	1.7	16	36	26	5.39	1.91	1.23	1480	2	1.19	26	1650	109	6.8	5	204	0.09	83	10	332	30
JM RC-41-07	82	84	108377 EXT		0.033	0.7	6.67	16	50	1.6	3	3.5	1.5	17	31	22	4.86	2.01	1.03	1128	4	1.02	21	1720	74	6.38	5	187	0.12	80	10	283	40
JM RC-41-07	84	86	108378 EXT		0.047	1.2	6.99	20	40	1.7	2	3.41	2.6	17	36	26	5.02	1.83	1.3	1900	1	1.27	24	1910	123	7.79	5	202	0.13	80	10	456	30
JM RC-41-07	86	88	108379 EXT		0.59	0.9	7.51	41	50	1.6	2	3.63	1.2	17	39	29	5.24	1.92	1.37	1425	1	1.76	23	1700	100	6.41	5	229	0.16	108	10	381	30
JM RC-41-07	88	90	108380 EXT		0.034	0.6	6.67	27	40	1.6	2	3.67	1.7	16	40	29	5.36	1.53	1.6	1725	2	1.74	25	1700	87	6.42	5	216	0.25	109	10	384	30
JM RC-41-07	90	92	108381 EXT		0.027	0.6	7.5	47	50	1.5	2	3.84	2.5	16	49	34	5.66	1.68	1.84	2030	1	1.42	29	1960	114	8.1	5	247	0.26	125	10	432	20
JM RC-41-07	92	94	108382 EXT		0.031	0.8	7.39	29	40	1.5	4	3.4	1.5	15	35	30	5.22	1.97	1.83	1743	1	1.88	30	1770	96	7.77	5	201	0.19	95	10	352	30
JM RC-41-07	94	96	108383 EXT		0.04	0.6	7.41	15	40	1.9	2	3.67	1.7	20	47	28	5.87	1.71	1.65	2370	2	1.68	29	1640	82	6.68	5	227	0.17	112	10	607	60
JM RC-41-07	96	98	108384 EXT		0.05	0.6	7.44	29	50	1.7	2	4.26	1.8	19	44	25	5.66	1.94	1.54	2900	2	1.41	25	1920	80	6.54	5	215	0.2	120	10	409	20
JM RC-41-07	98	100	108385 EXT		0.051	1	7.24	22	40	1.8	2	4.22	2.4	21	43	25	5.62	1.67	1.83	2410	1	1.83	24	1680	127	6.97	5	216	0.25	127	10	514	30
JM RC-41-07	100	102	108386 EXT		0.033	0.6	7.9	27	110	1.7	2	4.22	1.8	25	59	23	6.21	1.47	2.4	2310	3	2.01	29	1930	106	6.9	5	280	0.36	134	10	601	10
JM RC-41-07	102	104	108387 EXT		0.054	0.6	6.84	37	70	1.4	2	4.53	1.9	22	31	66	5.58	0.78	2.19	1665	1	2.52	23	1340	93	6.76	5	360	0.36	145	10	345	20
JM RC-41-07	104	106	108388 EXT		0.029	0.6	7.41	19	50	2	2	4.01	1.9	24	39	26	6.29	2.11	1.51	1325	5	1.46	31	1820	113	6.68	5	243	0.21	116	10	778	20
JM RC-41-07	106	108	108368 EXT		0.038	0.5	7.59	12	50	2	2	4.22	1.8	24	39	29	6.01	1.66	1.73	1540	1	1.61	32	2080	112	6.09	5	248	0.29	129	10	529	20
JM RC-41-07	108	110	108390 EXT		0.032	1	7.31	16	40	1.7	2	3.91	1.7	24	41	31	5.81	1.58	1.95	1501	1	1.78	31	1950	102	6.94	5	242	0.29	125	10	336	30
JM RC-41-07	110	112	108391 EXT		0.044	0.7	7.42	9	50	1.8	2	4.35	1.5	22	49	25	6.03	2.46	1.07	1488	3	1.17	30	1830	129	6.43	5	278	0.18	102	10	264	30
JM RC-41-07	112	114	108392 EXT		0.031	0.9	7.38	14	50	1.9	2	3.54	1	18	49	30	5.53	1.86	1.21	1096	2	1.98	24	1460	81	7.7	5	266	0.19	108	10	177	30
JM RC-41-07	114	116	108393 EXT		0.052	1.5	7.18	14	50	1.9	2	3.49	2.7	22	57	29	6.43	2.16	1.56	1745	2	1.37	25	1530	104	6.23	5	225	0.15	112	10	338	10
JM RC-41-07	116	118	108394 EXT		0.052	1.6	7.92	36	50	1.8	2	4.14	1.2	26	54	48	5.99	1.72	1.91	1480	2	1.75	29	1530	70	7.92	5	252	0.16	125	10	736	30
JM RC-41-07	118	120	108395 ORG		0.024	1	7.87	22	60	1.4	2	3.89	1.7	21	57	33	5.86	2.06	1.32	1650	1	1.2	38	1540	139	6.84	5	237	0.16	107	10	300	30
JM RC-41-07	120	122	108397 EXT		0.057	0.9	7.7	16	50	1.8	3	3.81	2	22	58	37	5.89	1.97	1.58	1705	2	1.63	28	1560	114	7.95	5	262	0.13	116	10	611	40
JM RC-41-07	122	124	108396 EXT		0.026	0.7	7.1	23	60	1.5	2	3.45	1.7	23	53	29	5.15	1.74	1.5	838	1	1.41	25	1540	108	6.68	5	236	0.18	108	10	335	30
JM RC-41-07	124	126	108398 EXT		0.032	0.8	7.95	20	150	1.8	2	4.18	2.7	25	72	36	6.14	1.3	2.41	1950	1	1.61	34	1790	105	6.75	5	261	0.43	145	10	578	20
JM RC-41-07	126	128	108400 EXT		0.035	0.8	7.91	17	60	1.8	2	3.86	1.4	18	54	37	5.94	1.84	1.84	1850	2	1.76	28	1470	75	6.53	5	244	0.21	116	10	360	30
JM RC-41-07	128	130	108401 EXT		0.034	0.9	7.53	33	50	1.5	2	3.66	1.3	20	54	32	5.68	1.99	1.66	1060	1	1.8	30	1610	91	7.38	5	231	0.11	118	10	238	30
JM RC-41-07	130	132	108402 EXT		0.087	0.8	7.95	52	50	1.8	2	4.34	1	15	51	39	6.67	2.03	1.22	1300	1	1.67	27	1500	98	8.31	5	217	0.12	126	10	344	10
JM RC-41-07	132	134	108403 EXT		0.051	1.1	7.14	31	60	1.4	2	3.99	1.1	17	42	32	6.64	1.88	1.58	1050	1	1.9	25	1270	88	8.76	5	193	0.17	108	10	303	40
JM RC-41-07	134	136	108404 EXT		0.025	0.8	7.6	40	60	1.3	2	3.82	2.9	18	69	32	6.9	1.56	2.25	1460	1	2.17	33	1290	154	7.09	5	239	0.36	145	10	500	30
JM RC-41-07	136	138	108405 EXT		0.016	0.8	7.86	37	50	1.6	2	4.82	1.1	30	57	22	6.13	1.6	1.8	1410	1	2.84	32	1530	97	6.25	5	250	0.2	126	10	286	30
JM RC-41-07	138	140	108406 EXT		0.014	0.5	7.91	19	70	1.5	2	4.65	1.3	22	45	21	5.67	1.46	2.02	1250	4	2.14	34	1980	73	7.23	5	276	0.25	137	10	286	30
JM RC-41-07	140	142	108407 EXT		0.016	0.5	7.19	69	120	1.5	2	3.97	0.9	22	72	34	5.94	1.43	2.33	1910	2	2.84	35	1980	58	6.04	5	274	0.4	148	10	378	30
JM RC-41-07	142	144	108408 EXT		0.018	0.5	7.6	14	80	1.5	2	4.25	0.9	22	66	15	6.05	1.58	2.21	1510	2	1.77	34	1480	68	7.54	5	307	0.16	122	10	321	20
JM RC-41-07	144	146	108409 EXT		0.016	0.5	7.91	7	60	1.7	2	4.31	0.5	22	65	22	6.3	1.49	2.32	1765	2	1.84	37	1470	85	8.04	5	285	0.26	136	10	386	40
JM RC-41-07	146	148	108410 EXT		0.022	0.5	7.66	5	70	1.7	2	4.09	0.9	22	60	24	6.16	1.4	2.47	1480	2	2.14	38	1540	65	6.76	5	234	0.32	136	10	353	40
JM RC-41-07	148	150	108411 EXT		0.02	0.6	7.87	6	90	1.6	2	4.33	1	23	65	29	6.09	1.34	2.59	1575	2	2.17	43	1470	56	6.06	5	277	0.35	146	10	311	30
JM RC-41-07	150	152	108412 EXT		0.024	0.7	7.79	12	70	1.6	2	4.32	0.7	24	74	21	6.22	1.27	2.45	1580	2	2.14	36	1440	54	7.19	5	258	0.29	135	10	294	20
JM RC-41-07	152	154	108413 EXT		0.018	0.7	7.59	67	60	1.5	2	3.96	0.9	19	54	14	5.63	1.4	2.46	1758	1	1.78	32	1410	72	7.52	5	248	0.26	132	10	348	10
JM RC-41-07	154	156	108414 EXT		0.019	0.7	7.66	61	110	1.6	2	3.82	0.9	25	69	32	5.85	1.47	2.52	1580	1	1.6	32	1580	63	7.36	5	265	0.2	131	10	215	10
JM RC-41-07	156	158	108415 EXT		0.019	0.5	7.74	68	60	1.6	2	4.51	0.7	22	73	21	6.16	1.52	2.44	1946	2	1.93	33	1980	58	7.54	5	279	0.29	145	10	288	20
JM RC-41-07	158	160	108416 EXT		0.017	0.5	6.13	4	100	1.4	2	3.79	0.5	17	73	17	5.67	1.43	2.31	1720	3	2.1	35	1460	50	6.09	5	254	0.34	145	10	262	20
JM RC-41-07	160	162	108417 EXT		0.013	0.5	7.63	19	120	1.3	2	3.62	0.5	21	73	19	5.85	1.52	2.43	1748	1	2.4	38	1370	39	6.4	5	241	0.38	151	10	218	20
JM RC-41-07	162	164	108418 EXT		0.012	0.5	6.18	11	420	1.2	2	3.53	0.5	25	61	9	6.09	1.35	2.78	2300	1	2.83	39	1350	42	3.4	5	262	0.42	154	10	248	20
JM RC-41-07	164	166	108419 ORG		0.015	0.5	7.91	16	80	1.5	2	3.98	0.9	23	74	13	5.78	1.8	2.5	1215	1	1.92	37	1580	47	6.78	5	238	0.28	138	10	193	20
JM RC-41-07	166	168	108421 EXT		0.023	0.6	7.57	108	70	1.7	2	4.1	1	22	69	23	5.31	1.73	2.45	1845	3	1.34	34	1120	62	7.18	5	228	0.29	134	10	213	50
JM RC-41-07	168	170	108422 EXT		0.021	0.5	7.34	34	50	1.9	2	4.27	0.8	22	71	18	5.97	1.71	2.41	1760	1	1.42	34	1340	51	6.02	5	248	0.24	134	10	206	10
JM RC-41-07	170	172	108423 EXT		0.018	1.6	7.55	9	90	1.4	2	3.98	0.8	22	71	18	5.46	1.51	2.36	1345	2	1.72	35	1130	32	7.27	5	248	0.23	124	10	136	10
JM RC-41-07	172	174	108424 EXT		0.018	1.6	7.35	5	80	1.4	2	4.12	0.5	22	80	20	5.48	1.66	2.2	1240	1	1.73	33	1200	71	6.66	5	262	0.22	130	10	117	10
JM RC-41-07	174	176	108425 EXT		0.017	0.7	7.52	5	80	1.4	2	3.8	1.8	20	58	25	5.29	1.91	2.29	1468	2	1.93	39	1510	72	6.46	5	253	0.25	141	10	168	30
JM RC-41-07	176	178	108426 EXT		0.018	0.5	7.64	7	70	1.6	2	3.86	0.5	19	67	18	5.53	1.84	2.12	1115	1	1.69	34	1290	47	6.46	5	254	0.38	143	10	168	30
JM RC-41-07	178	180	108427 EXT		0.017	0.5	7.63	7	90	1.5	2	4.03	1.4	25	62	18	5.88	1.78	2.27	828	2	1.64	38	1380	58	7.91	5	276	0.25	142	10	183	20
JM RC-41-07	180	182	108428 EXT		0.017	0.5	7.95	5	90	1.6	2	4.04	0.5	21	64	14	6.12	1.66	2.52	1180	1	1.64	38	1340	47	7.01	5	262	0.27	148	10	158	30
JM RC-41-07	182	184	108429 EXT		0.019	0.8	8.27	8	70	1.6	2	4.01	0.5	22	71	20	6.03	1.64	2.69	1360	4	2.3	40	1750	40	8.17	5	286	0.35	158	10	166	20
JM RC-41-07	184	186	108430 EXT		0.019	1.1	7.9	13	50	1.5	2	4.41	0.7	24	83	29	5.99	1.84	2.29	1180	2	2.33	34	1250	56	7.65	5	261	0.24	138	10	134	20
JM RC-41-07	186	188	108431 EXT		0.019	0.8	7.71	14	70	1.8	2	3.36	0.7	18	49	26	4.46	1.99	2.11	1365	3	2.22	38	1060	33	5.53	5	213	0.24	138	10	341	20
JM RC-41-07	188	190	108432 EXT		0.019	0.7	6	13	90	1.5	2	4.26	0.7	25	56	29	5.42	1.81	2.15	1180	2	2.3	32	1230	46	7.88	5	250	0.34	135	10	186	20
JM RC-41-07	190	192	108433 EXT		0.024	0.5	7	8	110	1.5	2	3.36	0.5	16	52	34	5.05	1.55	2.07	884	3	2.16	29	1030	32	6.24	5	238	0.27	123	10	141	20
JM RC-41-07	192	194	108434 EXT		0.462	0.5	7.65	21	80	1.5	2	3.85	0.5	22	69	28	5.58	1.32	2.15	716	2	2.62	27	1130	46	6.83	5	253	0.24	139	10	98	10
JM RC-41-07	194	196	108435 EXT		0.62	0.7	8.43	6	80	1.4	2	3.74	0.9	19	61	24	5.63	1.33	2.16	667	2	3.74	38	1180	51	6.83	5	288	0.25	148	10	136	20
JM RC-41-07	196	198	108436 EXT		0.813	0.5	8.44	6	380	1.5	2	3.88	0.5	22	91	20	6.11	1.47	2.63	1305	2	2.84	36	1430	32	5.64	5	306	0.41	166	10	144	20
JM RC-41-07	198	200	108437 EXT		0.023	0.5	8.18	7	90	1.6	3	4.2	1.1	23	53	26	6.07	1.44	2.36	1670	2	2.71	30	1080	52	7.75	5	276	0.34	142	10	188	20
JM RC-41-07	200	202	108438 EXT		0.027	0.7	7.79	5	80	1.4	2	4.13	1.1	23	68	52	6.24	1.53	2.88	1330	2	2.86	36	1060	68	7.38	5	278	0.3	147	10	382	20
JM RC-41-07	202	204	108439 EXT		0.021	0.5	8.5	5	130	1.6	2	4.12	0.8	21	73	34	5.91	1.48	2.62	1445	2	2.74	40	1490	45	4.8	5	273	0.41	167	10	204	20
JM RC-41-07	204	206	108440 EXT		0.018	0.6	7.78	9	70	1.6	2	3.93	1	20	65	31	5.64	1.54	2.67	1230	2	2.65	29	1200	58	6.8	5	245	0.34	139	10	173	20
JM RC-41-07	206	208	108441 EXT		0.02	0.5	8.37	5	90	1.5	2	4.33	1.1	22	65	41	5.86	1.44	2.81	1295	2	2.64	33	1280	72	6.12	5	302	0.34	164	10	238	20
JM RC-41-07	208	210	108442 EXT		0.026	0.5	8.45	5	100	1.5	2	3.77	0.8	24	75	32	6.46	1.66	3	1290	1	2.66	40	1340	68	6.75	5	273	0.33	151	10	308	20
JM RC-41-07	210	212	108443 EXT		0.018	0.5	8.19	6	90	1.5	2	3.91	1.1	23	72	30	5.79	1.48	2.61	1175	1	2.64	40	1270	63	6.46	5	264	0.32	156	10	248	20
JM RC-41-07	212	214	108444 EXT		0.018	0.5	8.

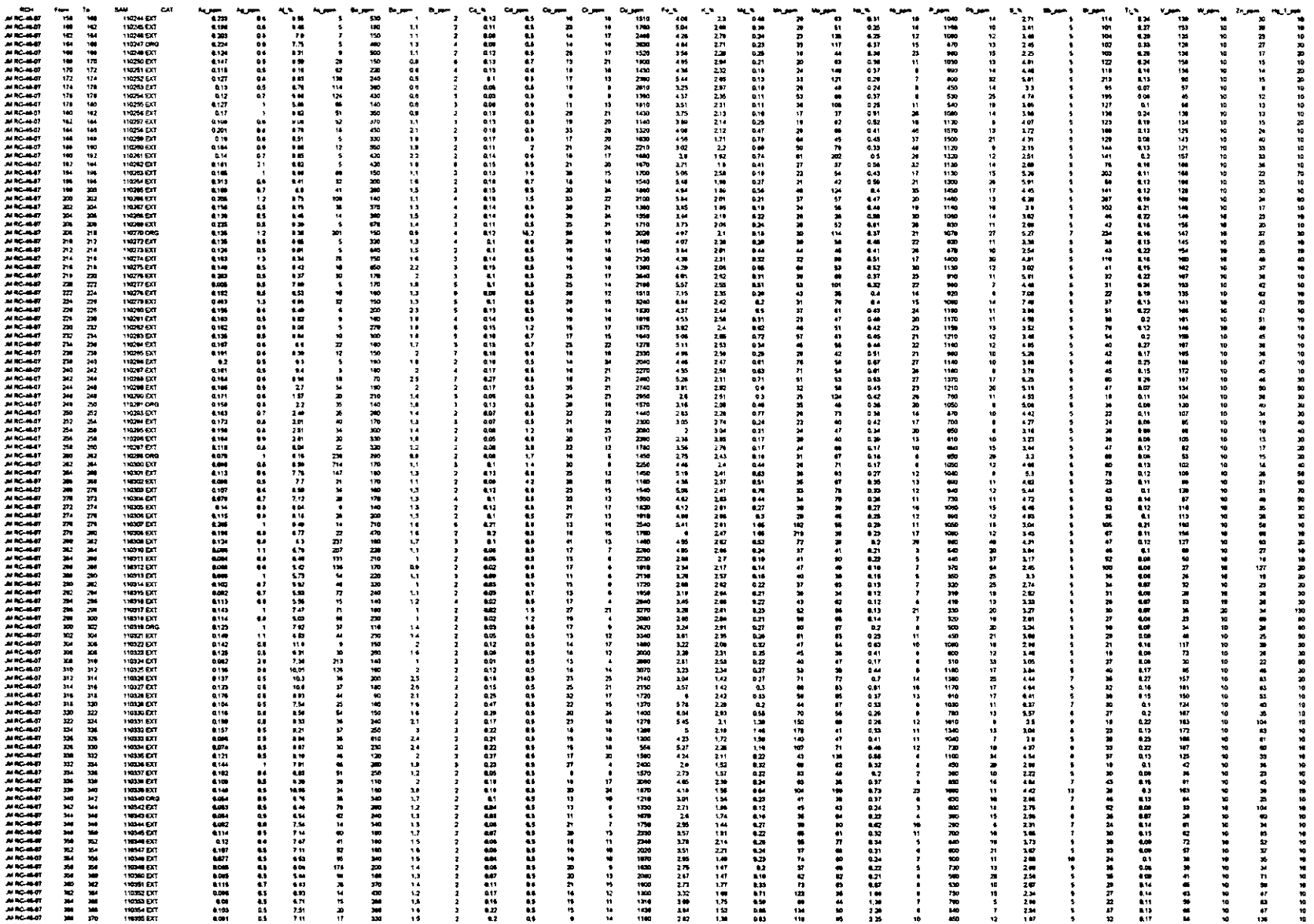
RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Sr_ppm	Th_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-41-07	242	244	1094490	EXT	0.019	0.5	7.93	13	60	1.3	2	4.36	0.5	23	85	13	5.31	1.56	2.53	752	1	0.27	34	1330	36	0.62	5	270	0.36	143	10	178	20
JM RC-41-07	244	246	1094491	EXT	0.025	0.5	8.27	8	130	1.3	2	4.49	0.5	20	80	23	5.61	1.68	2.51	860	2	0.24	26	1290	34	0.54	5	298	0.41	165	10	134	20
JM RC-41-07	246	248	1094492	EXT	0.025	0.5	8.16	8	150	1.4	3	4.2	0.5	21	84	70	5.62	1.7	2.54	942	4	0.26	30	1330	41	0.48	5	283	0.41	152	10	168	20
JM RC-41-07	248	250	1094493	EXT	0.026	1.7	8.31	5	100	1.5	3	4.64	0.7	27	84	71	5.46	1.51	2.47	898	2	0.25	32	1350	48	0.61	5	321	0.34	156	10	174	20
JM RC-41-07	250	252	1094494	EXT	0.016	0.5	8.48	5	330	1.1	3	4.19	0.6	21	76	86	4.86	1.13	2.47	1480	1	0.21	21	1060	32	4.16	5	421	0.52	172	10	140	20
JM RC-41-07	252	254	1094495	EXT	0.02	1.6	8.21	9	290	1.1	4	4.22	0.6	19	77	64	4.63	1.41	2.69	1400	3	0.15	20	900	32	5	5	430	0.48	167	10	148	20
JM RC-41-07	254	256	1094496	EXT	0.017	0.5	8.69	5	330	1.4	7	4.37	0.5	21	75	60	4.57	1.51	2.31	1160	2	0.19	19	1160	31	4.69	5	358	0.47	164	10	129	20
JM RC-41-07	256	258	1094497	EXT	0.019	0.5	8.81	5	160	1.6	3	3.74	0.6	22	31	50	4.43	1.43	2.15	902	2	0.48	28	1150	31	5.08	5	318	0.45	150	10	98	20
JM RC-41-07	258	260	1094498	EXT	0.017	1.7	8.04	5	130	1.5	4	3.95	0.6	23	49	42	4.66	1.68	2.46	961	2	0.34	39	1230	26	5.57	5	305	0.45	150	10	100	20
JM RC-41-07	260	262	1094499	EXT	0.016	0.6	8.73	5	140	1.3	4	4.25	0.5	20	47	42	4.64	1.83	2.47	830	1	0.38	29	1200	27	5.52	5	314	0.45	148	10	94	20
JM RC-41-07	262	264	1094470	EXT	0.014	0.5	8.72	5	320	0.9	4	4.42	0.7	17	54	66	4.56	0.88	2.43	1220	3	2.87	18	920	32	4.24	5	433	0.45	161	10	164	20
JM RC-41-07	264	266	1094471	EXT	0.016	0.7	7.99	10	270	1	3	3.83	0.5	19	75	184	4.91	0.95	2.19	1160	2	2.27	20	820	36	4.25	5	405	0.45	145	10	114	20
JM RC-41-07	266	268	1094472	EXT	0.022	0.8	8.34	26	260	1.3	3	4.13	0.5	21	79	95	4.93	0.97	2	1060	4	3.12	18	790	41	4.09	5	388	0.53	140	10	106	20
JM RC-41-07	268	270	1094473	EXT	0.017	0.5	4.9	62	310	0.6	4	4.28	0.9	19	22	73	5.24	0.99	2.53	2620	2	2.44	21	940	47	2.88	5	429	0.53	175	10	195	20
JM RC-41-07	270	272	1094474	EXT	0.011	0.5	8.97	110	260	1	4	4.27	1	18	22	44	5.01	0.76	2.56	2660	3	2.39	22	960	58	2.14	5	418	0.53	179	10	229	20
JM RC-41-07	272	274	1094475	EXT	0.014	0.5	6.84	99	230	0.9	4	4.23	0.9	16	20	39	5.09	0.89	2.46	2770	2	2.68	20	950	48	2.74	5	474	0.54	179	10	219	20
JM RC-41-07	274	276	1094476	EXT	0.01	0.5	6.66	11	420	1	2	4.45	0.9	20	22	49	5.82	1.63	2.91	2630	3	2.53	21	930	47	2.24	5	515	0.55	172	10	230	20
JM RC-41-07	276	278	1094477	EXT	0.019	0.5	8.52	8	260	1	3	3.97	1.9	16	30	36	5.62	0.71	2.16	2580	3	2.25	19	930	79	2.73	5	343	0.48	162	10	206	20
JM RC-41-07	278	280	1094478	EXT	0.021	0.5	8.95	22	300	0.9	3	4.91	1.7	20	30	58	5.16	0.82	2.8	3470	4	3.29	19	1020	53	2.45	5	613	0.56	178	10	282	20
JM RC-41-07	280	282	1094479	EXT	0.011	0.5	8.99	10	440	0.8	4	4.58	1	17	22	51	4.74	0.64	2.82	2600	6	2.28	20	1030	48	2.08	5	548	0.55	182	10	233	20
JM RC-41-07	282	284	1094480	EXT	0.016	0.7	8.79	5	100	0.9	2	4.58	0.9	25	21	64	5.44	1.25	2.46	1260	3	2.15	24	1050	52	6.34	5	462	0.46	174	10	193	20
JM RC-41-07	284	286	1094481	EXT	0.012	0.5	8.58	8	90	1.4	7	4.02	0.9	18	37	30	5.33	1.55	2.16	1530	2	2.4	25	1130	56	5.41	5	316	0.36	157	10	196	20
JM RC-41-07	286	288	1094482	EXT	0.012	0.5	4.7	5	320	1.4	5	4.4	0.9	16	30	44	4.58	1.36	2.2	1450	3	2.24	20	1210	43	4.73	7	312	0.36	156	10	156	20
JM RC-41-07	288	290	1094483	EXT	0.011	0.6	8.74	5	340	1.1	3	4.1	0.6	18	37	48	4.89	1.25	2.36	1440	2	2.31	23	1220	33	4.25	5	361	0.46	163	10	170	20
JM RC-41-07	290	292	1094484	EXT	0.013	0.5	8.64	5	60	1.2	5	4.46	0.5	20	36	29	5.37	1.6	2.17	1280	2	1.72	23	1300	18	3.54	5	303	0.38	152	10	108	20
JM RC-41-07	292	294	1094485	EXT	0.018	0.5	8.15	11	110	1.3	5	3.91	2	18	23	48	5.3	1.3	1.83	785	5	1.46	19	1280	107	5.16	5	295	0.38	149	10	235	20
JM RC-41-07	294	296	1094486	EXT	0.018	0.6	8.37	7	60	1	4	3.75	1.8	18	36	29	4.97	1.56	2.11	701	3	1.65	26	1160	115	6.36	5	348	0.16	138	10	383	20
JM RC-41-07	296	298	1094487	EXT	0.023	0.5	8.21	5	90	1.2	3	3.86	0.5	18	27	17	4.48	1.32	1.86	662	3	1.84	23	1270	31	6.29	5	358	0.16	140	10	78	20
JM RC-41-07	298	300	1094488	EXT	0.026	0.7	8.88	11	160	1.2	2	4.17	0.5	17	16	26	4.86	1.26	1.82	648	2	2.14	20	1310	36	6.63	5	387	0.15	146	10	98	20
JM RC-41-07	300	302	1094489	EXT	0.016	0.5	8.71	5	370	1.2	2	3.79	0.7	16	29	71	4.89	1.29	1.82	1150	3	2.29	17	1360	41	4.14	5	360	0.37	161	10	137	20
JM RC-41-07	302	304	1094490	EXT	0.016	0.7	7.62	5	90	1.2	4	3.58	0.7	18	21	18	4.52	1.34	1.77	707	3	1.58	19	1230	57	5.89	5	351	0.19	136	10	165	20
JM RC-41-07	304	306	1094491	EXT	0.018	0.5	7.4	5	60	1.1	4	3.74	0.5	17	24	18	4.45	1.24	1.66	795	8	1.28	18	1240	42	5.81	5	346	0.17	134	10	162	20
JM RC-41-07	306	308	1094492	ORG	0.624	0.5	5.19	7	120	1.2	2	4.09	0.9	20	23	23	5.15	1.47	1.87	1685	5	1.42	30	1380	39	5.13	5	379	0.27	152	10	98	20
JM RC-41-07	308	310	1094494	EXT	0.648	0.5	6.81	5	130	1.2	5	4.24	0.5	20	31	32	5.14	1.13	1.97	1300	3	1.28	22	1400	24	5.18	5	384	0.26	152	10	115	20
JM RC-41-07	310	312	1094495	EXT	0.018	0.5	6.12	19	60	1.2	4	3.69	1.9	19	33	17	4.77	1.41	2.22	1160	3	1.85	22	1160	73	5.75	5	266	0.25	161	10	294	20
JM RC-41-07	312	314	1094496	EXT	0.04	0.5	7.71	5	100	1.2	2	3.64	0.7	16	27	30	4.68	1.38	2.07	1500	6	1.54	21	1260	95	5.23	5	232	0.29	156	10	153	20
JM RC-41-07	314	316	1094497	EXT	0.014	0.5	6.51	9	330	1.3	5	4.13	2	20	29	29	4.86	1.2	1.93	1620	5	2.14	19	1150	65	5.27	5	377	0.47	160	10	193	20
JM RC-41-07	316	318	1094498	EXT	0.014	0.5	6.11	5	460	1.2	5	3.64	2.4	16	30	27	4.87	1.22	1.96	1310	5	2.08	17	1350	80	5.63	5	361	0.42	166	10	218	20
JM RC-41-07	318	320	1094499	EXT	0.018	0.5	6.91	9	70	1.2	3	4.48	1	19	32	17	4.82	1.79	2.11	1450	5	1.47	24	1480	90	6.13	5	349	0.5	172	10	144	20
JM RC-41-07	320	322	1094500	EXT	0.022	0.5	6.19	5	70	1	5	3.97	1.3	17	38	14	4.62	1.77	1.71	1280	4	1.28	24	1130	81	5.78	5	326	0.2	139	10	146	20
JM RC-41-07	322	324	1094501	EXT	0.018	0.5	8.2	6	80	0.8	2	4.54	1	16	32	15	3.75	2.02	1.55	1100	4	1.51	14	1170	54	5.9	5	347	0.2	149	10	126	20
JM RC-41-07	324	326	1094502	EXT	0.021	0.5	7.37	13	80	0.8	2	4.29	1.7	17	25	13	3.98	1.67	1.37	1150	3	1.08	18	1080	83	5.98	5	348	0.09	125	10	147	20
JM RC-41-07	326	328	1094503	EXT	0.023	1.9	6.91	93	70	1.1	4	4.24	2.4	17	28	25	4.83	1.9	1.91	1230	4	1.08	16	1540	256	5.93	5	339	0.22	139	10	233	20
JM RC-41-07	328	330	1094504	EXT	0.017	0.5	7.91	13	70	1.1	3	4.06	0.8	17	28	25	4.79	1.44	1.56	1340	1	1.61	14	1420	91	5.14	5	252	0.29	143	10	134	20
JM RC-41-07	330	332	1094505	EXT	0.016	0.7	7.62	5	80	1.1	2	4.72	1.8	19	35	29	4.68	1.2	2.15	1480	2	1.78	24	1170	71	6.14	5	310	0.3	140	10	152	20
JM RC-41-07	332	334	1094506	EXT	0.017	0.5	6.91	5	130	1.1	2	4.56	0.9	21	39	16	4.66	1.48	1.88	1780	4	1.86	25	1290	82	6.34	5	353	0.32	136	10	155	20
JM RC-41-07	334	336	1094507	EXT	0.013	0.6	7.73	5	70	0.7	2	4.62	0.7	16	36	11	2.84	3.83	0.89	1060	4	2.08	13	1240	106	5.42	5	308	0.24	116	10	131	20
JM RC-41-07	336	338	1094508	EXT	0.016	0.5	8.14	6	80	1.1	4	4.9	1.7	20	35	51	5.14	1.43	2.55	2080	3	1.46	28	1260	73	5.98	5	367	0.43	153	10	209	20
JM RC-41-07	338	340	1094509	EXT	0.017	0.5	6.48	5	160	1.3	2	5.12	1.4	20	32	18	5.44	1.91	2.58	2140	2	1.86	29	1360	71	5.71	5	315	0.59	167	10	238	20
JM RC-41-07	340	342	1094510	EXT	0.028	0.5	8.4	5	70	1.3	3	4.35	1.2	16	38	33	5.46	1.41	2.9	1780	2	1.97	23	1340	74	5.88	5	375	0.43	142	10	186	20
JM RC-41-07	342	344	1094511	EXT	0.031	0.7	8.09	6	90	1.3	3	4.7	2.8	17	36	34	5.4	1.21	2.83	2140	4	1.9	23	1600	61	5.91	5	369	0.48	121	10	253	20
JM RC-41-07	344	346	1094512	EXT	0.034	0.5	7.78	5	100	1.3	4	4.78	1.6	20	34	24	5.06	1.31	2.38	1660	4	1.91	21	1580	62	5.83	5	357	0.41	136	10	181	20
JM RC-41-07	346	348	1094513	EXT	0.038	0.8	7.62	5	110	1.2	3	4.59	1.5	18	35	30	4.82	1.39	2.05	2050	4	2.23	20	1660	80	6.38	5	298	0.41	130	10	168	20
JM RC-41-07	348	350	1094514	EXT	0.025	0.5	7.56	5	80	1.2	3	4.51	1.3	18	34	37	4.63	1.3	2.44	1480	2	2.44	21	740	78	5.39	5	339	0.43	154	10	184	20
JM RC-41-07	350	352	1094515	EXT	0.016	0.5	8.17	5	60	1.1	4	4.91	1.2	16	36	56	5.88	1.1	2.48	1810	2	2.4	24	1670	82	5.57	5	325	0.51	172	10	176	20
JM RC-41-07	352	354	1094516	EXT	0.02	0.6	8.9	5	140	1.2	2	4.74	1.6	20	39	44	5.43	1.18	2.48	1880	10	2.39	26	1230	84	4.71	10	337	0.51	173	10	201	20
JM RC-41-07	354	356	1094517	EXT	0.023	0.5	7.83	9	140	1.2	3	4.12	2.4	22	42	62	5.38	1.3	2.34	1660	4	2.34	29	1180	84	5.47	5	373	0.48	147	10	214	20
JM RC-41-07	356	358	1094518	EXT	0.017	0.6	8.36	5	140	1.3	3	4.37	1.5	20	40	41	5.53	1.36	2.84	1880	4	2.37	33	1340	68	4.64	5	367	0.54	165	10	198	20
JM RC-41-07	358	360	1094519	ORG	0.009	0.5	8.72	5	670	1.2	2	4.46	0.9	22	35	30	5.04	1.11	2.96	1880	1	2.14	36	1560	58	1.93	5	318	0.58	173	10	192	20
JM RC-41-07	360	362	1094521	EXT	0.009	0.5	8.51	5	660	1.2	2	4.36	1	22	35	34	5.71	1.41	2.82	1880	2	2.31	39	1480	57	1.98	5	330	0.6	168	10	211	20
JM RC-41-07	362	364	1094523	EXT	0.01	0.5	7.56	9	390	1.1	3	4.39	1.1	18	29	32	4.67	0.99	2.49	1630	3	1.9	35	1290	52	1.79	5	196	0.54	147	10	214	20
JM RC-41-07	364	366	1094524	EXT	0.019	0.5	7.79	5	670	1.1	2	4.34	1.3	25	34	71	5.44	1.45	2.79	1870	4	2.38	38	1530	42	2.48	5	272	0.54	158	10	246	20
JM RC-41-07	366	368	1094524	EXT	0.011	0.5	8.74	11	540	1.2	3	4.12	0.9	22	105	29	5.73	1.02	2.97	2270	3	2.51	42	1600	28	6.85	5	382	0.63	188	10	219	20
JM RC-41-07	368	370	1094525	EXT	0.012	0.5	8.5	5	610	1.2	6	4.64	1.1	24	101	40	6.16	1.52	2.82	1880	3	2.87	41	1620	30	1.79	5	368	0.64	173	10	191	20
JM RC-41-07	370	372	1094526	EXT	0.011	0.5	8.26	7	610	1.1	2	4.1	0.6	25	103	42	5.78	1.76	2.71	1300	3	2.46	40	1560	26	1.29	5	299	0.61	174	10	192	20
JM RC-41-07	372	374	1094527	EXT	0.011	0.5	8.59	5	580	1.1	2	4.71	1.2	24	99	36	5.66	1.34	2.73	1470	4	2.31	37	1570	35	1.45	5	294	0.62	168	10	194	20
JM RC-41-07	374	376	1094528	EXT	0.02	0.5	8.57	8	620	1.2	2	4.87	0.6	22	98	36	5.99	1.46	2.71	1780	3	2.49	39	1560	35	2.15	5	363	0.6	188	10	224	20
JM RC-41-07	376	378	1094529	EXT	0.021	1.7	8.28	16	560	1.2	2	4.61	1.2	28	101	81	6.07	1.13	2.8	1970	2	2.42	46	1540	98	1.36	5	351	0.63	170	10	245	20
JM RC-41-07	378	380	1094530	EXT	0.022	0.7	8.29	26	610	1.2	2	4.67	1.3	28	104	47	6.23	1.24	2.91	2040	3	2.44	48	1560	54	1.25	5	358	0.65	160	10	251	20
JM RC-41-07	380	382	1094531	EXT	0.021	0.5	8.44	5	630	1.2	3	4.49	1.7	27	109	31	6.01	1.19	3.01	2370	2	2.68	49	1660	58	0.92	5	367	0.66	181	10	266	20
JM RC-41-07	382	384	1094532	EXT	0.033	0.6	8.56	6	800	1.2	4	4	2.2	30	140	53	6.84	1.39	3.06	1460	4	2.3	53	1540	68	1.08	5	382	0.65	178	10	219	20
JM RC-41-07	384	386	1094533	ORG	0.024	0.9	9.5	5	620	1.3	2	4.78	1.3	27	117	44	6.84	1.36	3.29	2230	4	2.7	51	1640	79	1.8	5	368	0.69	188	10	273	20
JM RC-41-07	386	388	1094535	EXT	0.021	0.5	9.43	6	750	1.2	7	4.18	0.8	26	110	37	6.62	1.99	3.16	1870	3	2.91	49	1560	57	1.79	5	380	0.66	195	10	269	20
JM RC-41-07	388	389	1094536	EXT	0.029	0.5	9.27	5	490	1.4	2	3.54	1.7	29	162	88	8.88	1.37	2.99	2958	3	3.13	44	1500	55	3	5	316	0.89	195	10	387	20
JM RC-41-07	389	391	1094537	EXT	0.088	49.7	9.02	5	600	1.3	2	4.25	1.6	26	99	64	6.53	1.27	2.9	2670	2	2.44	48	1460	79	3.17	5	315	0.68	181	10	380	20
JM RC-43-07	0	2	1095534	EXT	0.014	0.5	7.91	16	580	1.9	2	6.69	0.5	4	16	44	2.3	1.58	0.55	591	1	2.84	19	410	66	0.46	5	158	0.22	90	10	121	20
JM RC-43-07	2	4	1095538	EXT	0.013	0.7	7.11	21	560	2.3	2	6.65	0.5	5	13	35	2.15	1.58	0.57	858	1	2.88	7	450	81	0.38	5	143	0.23	46	10	121	278
JM RC-43-07	4	6	1095540	EXT	0.013	0.8	6.46	21	880	2.1	2	6.83	0.5	4	18	38	1.92	1.8	0.4	588	2	1.68	9	380	86	0.24	5	127	0.16	37	10	88	238
JM RC-43-07	6	8	1095541	EXT	0.015	0.8	6.83	25	910	2.1	3	6.79	1.4	9	15	41	2.5	1.64	0.52	541	1	1.72	10	360	60	0.24	5	166	0.22	44	10	93	238
JM RC-43-07	8	10	1095542	EXT	0.02	1.2	6.54	39	960	2.2	3	6.65	0.5	7	13	25	2.16	1.75	0.42	641	2	1.84	8	370	62	0.23	5	139	0.19	37	10	84	238
JM RC-43-07	10	12	1095543	EXT	0.013	0.5	7.9	21	650	1.8	3	6.75	0.5	4	11	34	2.82	1.7	0.53	884	2	1.77	6	740	34	0.1	5	173	0.31	67	10	113	118
JM RC-43-07	12	14	1095544	EXT	0.008	0.5	8.41	30	880	1.8	3	6.73	0.5	2	10	90	3.66	1.73	0.48	533	2	1.86	5	1080	29	0.06	5	283	0.35	76	10	117	16
JM RC-43-07	14	16	1095545	EXT	0.014	0.5	8.72	27	1080	1.7	3	6.36	0.5	2	9	127	4.58	1.98	0.54	338	3	1.84	6	1350	33	0.05	5	237	0.36	92	10	86	16
JM RC-43-07	16	18	1095546	EXT	0.012	0.5	8.58	19	970	1.4	2	6.73	0.5	1	10	79	3.29	1.79	0.44	325	1	1.88	4	950	19	0.04	5	283	0.38	77	10	79	10
JM RC-43-07	18	20	1095547	EXT	0.022	0.5	8.62	9	980	1.6	2	6.79	0.5	1	7	57	2.65	1.76	0.5	360	2	2.16	4	880	21	0.04	5	343	0.38	84	10	72	10
JM RC-43-07	20	22	1095548	EXT	0.024	0.5	8.48	20	1040	1.5	3	6.48	0.5	1	7	76	2.63	1.82	0.57	334	1	1.84	3	860	23	0.03	5	368	0.31	85	10	92	10
JM RC-43-07	22	24	1095549	EXT	0.021	0.5	8.43	14	1080	1.4	3	6.55	0.5	1	8	47	2.61	1.82	0.57	391	1	2.13	3	740	24	0.04	5	348	0.33	98	10	45	10
JM RC-43-07	24	26	1095550	EXT	0.02	0.5	8.43	61	1160	1.5	2	6.25	0.5	1	6	68	4.58	1.98	0.28	167	2	1.48	4	2440	37	0.16	5	311	0.28	91	10	53	10
JM RC-43-07	26	28	1095551	EXT	0.024	0.5	8.56	126	1260	1.7	3	6.79	0.5	1	6	42	5.36	2.07	0.52	446	2	1.43	6	4810	57	0.23	5	344	0.32	129	10	108	10
JM RC-43-07	28	30	1095552	EXT	0.033	0.5	9.08	48	1160	1.7	2	7.24	0.5	2	6	60	4.68	1.75	0.84	625	1	2.68	4	2470	32	0.17	5	252	0.57	165	10	168	10
JM RC-43-07	30	32	1095553	EXT	0.016	0.5	9.02	60	770	1.6	2	7.34	0.5	4	6	45	3.98	1.64	0.65	642	1	2.87	5	3190	30	0.39	5	254	0.54	93	10	108	10
JM RC-43-07	32	34	1095554	EXT	0.04	0.5	7.91	34	830	1.7	2	6.96	0.9	1	5	24	2.77	1.83	0.42	340	1



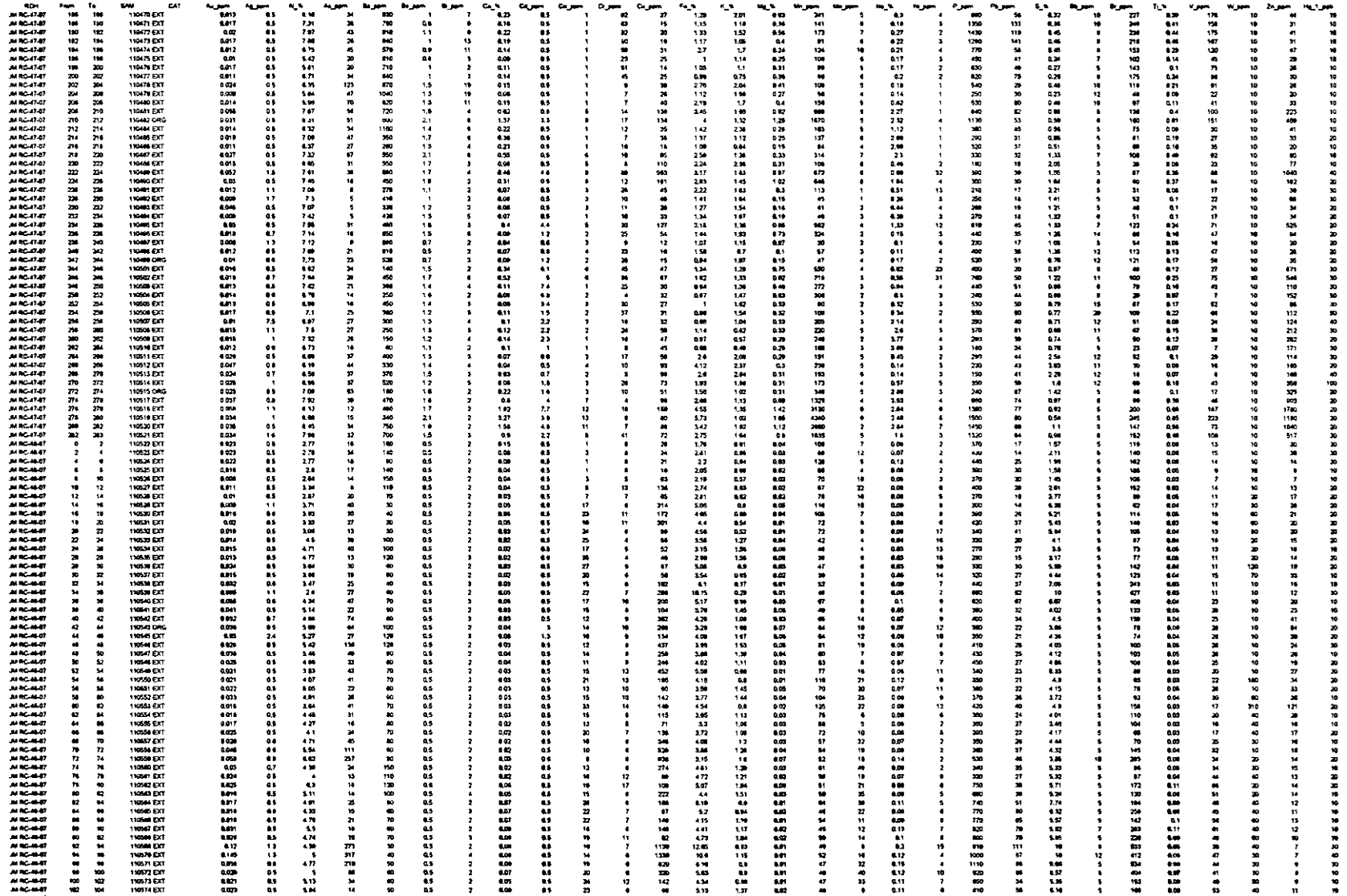
ROW	From	To	SAMPLE	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-45-07	342	344	109795	EXT	0.144	0.9	8.88	12	480	1.2	4	0.09	0.7	34	5	2670	2.26	1.81	0.16	36	84	2.44	12	360	12	1.78	5	35	0.17	57	40	44	40
JM RC-45-07	344	346	109796	EXT	0.154	1.1	8.17	36	310	1.5	4	8.04	1	34	4	3910	2.66	2.02	0.15	21	127	0.96	12	350	16	2.42	5	32	0.11	62	10	58	80
JM RC-45-07	346	348	109797	EXT	0.157	0.8	6.78	17	220	2.1	4	8.06	0.8	31	13	2460	2.69	2.29	0.16	32	98	1.19	10	640	14	2.53	5	61	0.21	83	10	45	60
JM RC-45-07	348	350	109798	EXT	0.153	0.9	8.72	20	640	2	2	8.06	0.9	34	11	2350	2.76	2.36	0.19	29	58	0.52	13	730	16	2.64	5	91	0.25	79	10	56	60
JM RC-45-07	350	352	109799	EXT	0.083	0.7	7.72	332	110	1.3	2	8.06	0.4	69	9	1980	2.69	1.79	0.87	30	90	0.68	39	620	188	3.8	12	121	0.17	65	10	33	90
JM RC-45-07	352	354	109800	EXT	0.144	1	8.71	56	280	2.7	4	8.12	0.7	46	12	2080	4.42	2.02	0.09	41	160	0.56	26	1270	17	7.21	5	85	0.2	89	10	31	60
JM RC-45-07	354	356	109801	EXT	0.33	1.1	11.95	107	470	3.7	9	8.14	1	80	21	4340	2.95	2.29	0.14	33	142	0.5	19	1890	12	2.31	5	68	0.4	121	10	30	40
JM RC-45-07	356	358	109802	EXT	0.272	1	11.35	87	560	3.1	4	8.15	0.9	35	22	3410	2.49	2.51	0.16	17	128	0.54	15	1560	18	1.86	5	52	0.42	125	10	58	30
JM RC-45-07	358	360	109803	EXT	0.198	0.4	10.7	29	450	2.4	2	8.06	0.8	30	13	2420	2.58	2.05	0.18	27	71	0.43	12	620	9	1.44	5	57	0.38	95	10	88	60
JM RC-45-07	360	362	109804	EXT	0.214	0.8	8.44	32	420	1.5	4	8.07	1.5	25	8	3250	2.69	2.15	0.2	46	95	1.02	10	480	14	2.15	5	40	0.16	83	10	91	60
JM RC-45-07	362	364	109805	EXT	0.157	0.9	7.74	49	140	1.3	5	8.05	0.9	22	5	3140	3.53	2.26	0.15	27	191	0.53	8	960	14	3.27	5	52	0.13	84	10	71	30
JM RC-45-07	364	366	109806	EXT	0.149	0.8	6.13	34	320	1.1	3	8.07	0.8	19	9	3120	2.95	1.91	0.15	42	54	1.29	8	800	13	2.37	5	37	0.14	74	10	88	60
JM RC-45-07	366	368	109807	EXT	0.14	0.6	6.99	27	170	1.4	4	8.05	0.8	23	5	2660	3.41	2.34	0.17	43	62	0.44	10	860	16	2.74	5	44	0.19	84	10	45	60
JM RC-45-07	368	370	109808	EXT	0.108	0.7	6.22	45	150	1.2	6	8.07	0.5	18	6	3060	5.57	2.27	0.11	20	108	0.45	10	900	13	3.3	5	118	0.17	68	10	13	60
JM RC-45-07	370	372	109809	EXT	0.094	1	7.27	26	60	1.1	2	8.09	0.7	23	5	2210	4.54	2.22	0.1	46	74	0.52	8	940	12	4.45	5	88	0.14	78	10	9	60
JM RC-45-07	372	374	109810	EXT	0.14	1.6	7.64	43	160	1.3	5	8.05	0.5	18	4	2210	3.65	1.91	0.11	46	93	0.53	5	670	16	2.67	5	51	0.14	73	10	11	30
JM RC-45-07	374	376	109811	EXT	0.13	2.2	7.68	146	130	1.3	3	8.08	0.7	25	15	2660	3.8	2.19	0.11	22	173	0.44	11	1060	30	3.74	27	66	0.15	65	10	6	70
JM RC-45-07	376	378	109812	EXT	0.135	0.9	8.64	27	120	1.1	4	8.17	0.7	28	43	3860	5.24	2.55	0.17	42	102	0.56	23	1660	9	3.56	5	136	0.18	113	10	11	40
JM RC-45-07	378	380	109813	EXT	0.05	0.7	5.83	62	120	0.7	2	0.03	0.5	13	6	1060	2.71	2.34	0.13	49	66	0.2	8	530	18	2.35	5	65	0.07	35	10	7	40
JM RC-45-07	380	382	109814	ORG	0.073	0.9	5.64	26	310	0.7	2	0.03	0.5	10	7	1260	3.09	2.26	0.13	34	111	0.18	5	500	11	2.85	5	72	0.08	31	10	7	40
JM RC-45-07	382	384	109815	EXT	0.038	0.7	5.39	17	200	0.6	2	8.04	0.5	21	6	952	2.98	2.21	0.11	46	83	0.18	7	670	11	2.7	5	136	0.09	36	10	12	30
JM RC-45-07	384	386	109817	EXT	0.026	0.6	5.68	41	350	0.5	2	8.06	0.5	12	7	575	2.16	2.41	0.14	45	86	0.22	5	670	20	2.06	5	116	0.07	36	10	12	30
JM RC-45-07	386	388	109818	EXT	0.081	0.7	5.71	56	410	0.5	2	8.06	0.5	16	10	1980	2.75	2.15	0.14	53	144	0.19	8	580	13	2.26	5	82	0.06	30	10	14	30
JM RC-45-07	388	390	109819	EXT	0.843	0.5	6.17	68	370	0.6	2	8.06	0.5	20	11	884	2.63	2.48	0.15	73	128	0.24	8	570	14	2.53	5	78	0.08	31	10	15	30
JM RC-45-07	390	392	109820	EXT	0.039	0.5	6.22	45	250	0.7	2	8.09	0.5	21	10	896	3.5	2.56	0.15	99	80	0.21	11	670	14	2.27	5	124	0.06	32	10	20	10
JM RC-45-07	392	394	109821	EXT	0.186	0.5	6.71	47	270	1.4	2	8.12	0.5	63	46	2450	2.79	2.36	0.19	43	186	0.48	33	1460	7	3.07	5	267	0.13	89	10	17	10
JM RC-45-07	394	396	109822	EXT	0.15	0.5	9.34	39	530	1.8	3	0.15	0.9	30	52	2300	2.44	2.16	0.15	27	88	0.63	35	1640	11	2.78	5	187	0.2	198	10	21	20
JM RC-45-07	396	398	109823	EXT	0.115	0.7	10.1	19	330	2.6	3	0.11	0.5	18	69	1700	2.28	2.03	0.19	24	51	0.62	49	1760	13	2.78	5	75	0.24	133	10	25	10
JM RC-45-07	398	400	109824	EXT	0.142	0.7	10.15	14	330	2.3	2	0.15	0.5	14	66	1980	2.63	2.15	0.17	35	188	0.67	37	1850	13	2.97	5	87	0.31	135	10	24	20
JM RC-45-07	400	402	109825	EXT	0.229	1.4	6.12	449	660	1.3	2	0.11	5.5	47	61	1750	2.83	2.49	0.2	54	163	0.42	39	1200	46	3	20	151	0.19	118	11	311	470
JM RC-45-07	402	404	109826	EXT	0.174	0.5	10.1	24	350	2.4	2	0.13	0.5	46	39	2440	2.35	2.1	0.2	29	103	0.8	30	1560	11	2.82	5	190	0.25	161	10	29	20
JM RC-45-07	404	406	109827	EXT	0.175	0.7	10.8	24	310	3.9	2	0.14	0.5	14	58	2340	1.8	2.16	0.2	53	79	0.76	46	1760	9	2.64	5	147	0.3	146	10	36	10
JM RC-45-07	406	408	109828	EXT	0.139	0.7	11.65	15	250	3.5	2	0.13	0.5	16	86	1980	1.62	1.73	0.18	32	160	0.65	58	1670	8	2.64	5	62	0.17	151	10	47	10
JM RC-45-07	408	410	109829	EXT	0.14	0.6	9.67	141	210	1.8	2	0.21	0.5	41	39	2260	3.04	2.19	0.15	27	62	0.64	41	2850	86	4.62	36	437	0.19	161	10	22	10
JM RC-45-07	410	412	109830	EXT	0.104	0.7	8.44	68	240	1.1	2	0.13	0.5	17	46	1960	2.24	2.53	0.17	45	66	0.27	17	1520	19	2.22	5	234	0.23	98	10	13	10
JM RC-45-07	412	414	109831	EXT	0.053	0.5	5.78	39	370	0.8	2	0.05	0.5	14	8	864	2.45	2.33	0.12	42	116	0.17	11	980	21	2.15	5	118	0.07	30	10	11	10
JM RC-45-07	414	416	109832	EXT	0.033	0.5	5.91	91	340	0.8	2	0.06	0.6	16	9	954	2.32	2.02	0.12	36	116	0.15	7	830	19	2.08	5	104	0.16	91	10	13	10
JM RC-45-07	416	418	109833	EXT	0.048	0.5	5.82	36	210	0.8	2	0.04	0.5	13	6	844	2.6	1.86	0.11	60	108	0.16	6	570	23	2.24	10	118	0.08	27	10	10	20
JM RC-45-07	418	420	109834	EXT	0.066	0.5	6.32	48	430	0.9	2	0.08	0.7	12	8	1230	2.42	1.81	0.15	42	63	0.17	7	740	19	2.1	5	145	0.08	36	10	13	20
JM RC-45-07	420	422	109835	EXT	0.14	1.3	7.27	54	430	1.1	3	0.11	0.5	15	10	2450	2.43	2.02	0.22	50	61	0.24	6	860	12	2.13	6	150	0.06	49	10	23	30
JM RC-45-07	422	424	109836	ORG	0.129	1.2	7.98	44	290	1.1	2	0.09	0.5	15	10	3030	2.85	2.36	0.21	64	108	0.26	10	910	17	2.44	6	214	0.11	77	10	27	20
JM RC-45-07	424	426	109838	EXT	0.119	0.9	6.1	30	910	1.2	2	0.07	0.5	11	9	3110	2.62	2.47	0.22	44	96	0.29	9	910	25	2.32	5	229	0.09	88	10	31	10
JM RC-45-07	426	428	109839	EXT	0.124	0.5	7.91	113	560	0.8	2	0.06	0.5	8	9	2430	2.29	2.37	0.25	66	85	0.26	6	870	16	1.76	5	254	0.11	75	10	30	30
JM RC-45-07	428	430	109840	EXT	0.11	0.8	9.19	91	410	2	3	0.04	1.3	12	13	2870	2.07	2.08	0.25	43	84	0.2	14	850	14	1.54	5	148	0.1	73	10	22	20
JM RC-45-07	430	432	109841	EXT	0.169	0.7	7.14	54	660	0.9	2	0.04	0.5	16	9	2450	2.41	2.3	0.32	46	116	0.33	5	870	17	2.07	6	212	0.08	60	10	34	30
JM RC-45-07	432	434	109843	EXT	0.197	0.5	7.65	91	580	1	2	0.06	0.7	9	9	2770	2.56	2.14	0.42	46	110	0.31	5	880	17	1.87	5	243	0.11	84	10	36	30
JM RC-45-07	434	436	109843	EXT	0.157	1	8.38	36	960	1.3	2	0.05	0.8	11	11	3340	2.84	1.88	0.76	101	97	0.32	10	740	15	1.9	5	140	0.14	87	10	83	20
JM RC-44-07	0	2	109844	EXT	0.015	0.6	7.59	32	880	1.7	3	1.46	1.7	10	17	174	3.06	2.58	0.76	863	7	2.3	12	870	45	0.22	5	258	0.28	68	10	148	30
JM RC-44-07	2	4	109845	EXT	0.009	0.5	7.54	15	850	1.6	3	1.78	2.1	6	17	67	2.95	2.47	0.75	732	6	2.44	13	860	39	0.08	6	298	0.27	66	10	153	30
JM RC-44-07	4	6	109846	EXT	0.024	0.5	7.66	10	970	1.4	3	2.63	1.3	15	9	46	3.47	2.8	0.96	656	5	2.66	15	700	30	0.01	5	363	0.3	77	10	166	10
JM RC-44-07	6	8	109847	EXT	0.005	0.5	7.57	15	880	1.5	3	1.84	2.6	16	7	55	2.96	2.41	0.7	532	6	2.37	12	810	23	0.02	6	321	0.25	66	10	166	10
JM RC-44-07	8	10	109848	EXT	0.007	0.5	7.68	6	860	1.4	2	2.56	1	15	9	46	3.32	2.59	0.85	676	5	2.56	14	880	31	0.01	5	374	0.31	78	10	172	10
JM RC-44-07	10	12	109849	EXT	0.007	0.5	7.71	12	900	1.5	2	1.99	2.4	6	8	41	3.46	2.72	0.83	763	5	2.36	13	940	19	0.01	5	333	0.27	71	10	136	10
JM RC-44-07	12	14	109850	EXT	0.008	0.5	7.32	9	880	1.4	2	2.38	1.5	11	7	36	3.01	2.23	0.85	777	3	2.51	13	730	19	0.01	5	365	0.3	75	10	154	10
JM RC-44-07	14	16	109851	EXT	0.007	0.5	7.67	22	880	1.6	2	1.86	1.6	12	8	49	3.07	2.46	0.79	830	4	2.33	16	790	67	0.02	5	345	0.26	71	10	213	10
JM RC-44-07	16	18	109852	EXT	0.007	0.5	7.64	22	730	1.4	2	1.8	0.6	9	8	27	3.2	2.34	0.71	579	4	2.47	19	780	24	0.35	5	332	0.3	97	10	88	10
JM RC-44-07	18	20	109853	EXT	0.008	0.5	7.41	16	880	1.4	2	1.4	0.5	8	7	40	2.98	2.57	0.76	826	3	2.51	18	830	20	0.12	5	337	0.3	79	10	64	10
JM RC-44-07	20	22	109854	EXT	0.008	0.5	8.05	21	720	1.5	2	1.58	0.6	6	5	29	3.24	2.47	0.77	721	4	2.61	9	710	15	0.19	5	358	0.19	70	10	67	10
JM RC-44-07	22	24	109855	EXT	0.008	0.5	7.67	37	880	1.5	2	1.12	0.5	9	8	36	3.13	2.58	0.6	545	5	2.24	8	800	23	0.19	5	319	0.16	72	10	106	10
JM RC-44-07	24	26	109856	ORG	0.008	0.5	7.85	24	730	1.5	2	1.48	0.9	7	8	45	3.08	2.43	0.83	804	5	2.56	11	840	17	0.05	5	348	0.21	72	10	84	10
JM RC-44-07	26	28	109866	EXT	0.008	0.5	7.82	28	710	1.5	2	1.44	1.5	8	9	43	3.1	2.53	0.7	664	5	2.4	19	700	38	0.37	5	329	0.21	84	10	118	10
JM RC-44-07	28	30	109858	EXT	0.008	0.5	7.88	26	690	1.5	2	1.24	1.2	10	6	47	3.19	2.34	0.7	669	3	2.33	8	670	29	0.07	5	339	0.2	88	10	123	10
JM RC-44-07	30	32	109860	EXT	0.009	0.5	7.25	19	700	1.4	2	1.89	0.5	9	8	91	2.9	2.22	0.48	165	3	2.52	8	540	21	0.45	5	280	0.14	67	10	78	10
JM RC-44-07	32	34	109861	EXT	0.008	0.5	7.49	36	750	1.4	2	0.94	0.5	4	6	30	2.95	2.48	0.9	191	3	2.4	7	560	28	0.18	5	295	0.16	63	10	72	10
JM RC-44-07	34	36	109862	EXT	0.007	0.5	8.33	37	750	1.6	2	0.89	0.6	8	6	36	3.01	1.67	0.64	302	4	2.57	8	660	24	0.4	5	325	0.16	72	10	91	10
JM RC-44-07	36	38	109863	EXT	0.011	0.5	8.43	41	710	1.6	2	1.12	0.5	9	6	53	3.07	1.8	0.71	318	3	2.64	7	630	41	0.05	5	362	0.22	79	10	44	10
JM RC-44-07	38	40	109864	EXT	0.015	0.5	7.98	72	660	1.4	2	0.58	0.5	4	5	60	3.33	2	0.38	79	3	2.23	4	470	68	0.05	5	288	0.17	63	10	88	20
JM RC-44-07	40	42	109866	EXT	0.015	0.5	7.79	42	700	1.4	2	0.59	0.5	4	5	60	3.11	1.92	0.38	79	3	2.24	5	540	34	0.48	5	295	0.16	60	10	54	30
JM RC-44-07	42	44	109866	EXT	0.016	0.5	7.98	29	780	1.4	2	0.64	0.5	5	4	46	2.85	1.7	0.43	71	3	2.51	4	600	27	1.03	5	291	0.13	56	10	30	10
JM RC-44-07	44	46	109867	EXT	0.02	0.5	7.98	54	750	1.4	2	0.57	0.5	5	4	58	3.58	1.48	0.48	123	3	2.51	4	600	28	0.78	5	273	0.12	58	10	44	10
JM RC-44-07	46	48	109868	EXT	0.018	0.5	8	39	720	1.4	2	0.79	0.5	4	5	56	2.72	1.68	0.52	151	3	2.64	7	610	24	1.24	5	318	0.14	57	10	33	10
JM RC-44-07	48	50	109869	EXT	0.007	0.5	7.57	23	650	1.4	2	0.38	0.5	3	7	31	2.84	1.7	0.52	74	3	2.25	5	550	32	0.17	5	307	0.1	45	10	17	10
JM RC-44-07	50	52	109870	EXT	0.004	0.5	7.98	30	610	1.4	2	0.46	0.5	4	6	46	2.66	1.42	0.45	106	3	2.91	6	660	36	0.67	5	233	0.12	46	10	42	10
JM RC-44-07	52	54	109871	EXT	0.027	0.5	7.95	66	730	1.4	2	0.57	0.5	6	8	62	2.99	1.76	0.49	163	4	2.48	6	680	39	1.24	5	270	0.1	58	10	39	10
JM RC-44-07	54	56	109872	EXT	0.014	0.5	7.98	30	730	1.5	3	0.81	0.5	4	5	67	2.79	1.91	0.49	188	4	2.47	6	630	29	0.53	5	335	0.16	67	10	56	10
JM RC-44-07	56	58	109873	EXT	0.014	0.5	7.98	29	690	1.4	2	0.68	0.5	4	6	148	2.7	1.77	0.53	143	4	2.24	7	660	46	0.34	5	348	0.17	63	10	63	10
JM RC-44-07	58	60	109874	EXT	0.008	0.5	7.88	5	670	1.5	2	1.55	0.5	14	10	102	2.65	1.44	0.67	332	3	2.81	11	600	25	0.16	6	407	0.22	66	10	76	10
JM RC-44-07	60	62	109876	EXT	0.008	0.5	8	13	990	1.5	2	1.41	0.5	8	7	56	2.7	1.55	0.73	807	4	2.56	5	830	27	0.06	5	399	0.22	88	10	73	10
JM RC-44-07	62	64	109876	EXT	0.009	0.5	7.74	65	700	1.3	2	8.65	0.5	4	6	94	2.26	1.66	0.69	223	4	2.3	6	660	18	0.22	5	304	0.21	66	10	89	10
JM RC-44-07	64	66	109877	EXT	0.012	0.5	7.86	40	630	1.3	2	8.75	0.5	7	7	71	2.86	1.86	0.57	182	3	2.3	6	660	25	0.53	5	295	0.18	65	10	53	10
JM RC-44-07	66	68	109878	EXT	0.008	0.8	8	12	660	1.4	2	1.32	0.5	6	7	71	2.9	1.63	0.73	478	3	2.52	7	620	31	0.23	5	355	0.23	88	10	83	10
JM RC-44-07	68	70	109879	EXT	0.012	0.5	7.99	13	700	1.4	2	1.17	0.5	6	9	91	2.77	1.75	0.74	530	2	2.54	9	680	34	0.6	5	337	0.19	85	10	94	10
JM RC-44-07	70	72	109880	EXT	0.01	0.5	8.09	69	740	1.4	2	8.75	0.5	6	5	58	2.78	1.84	0.82	291	3	2.1	8	890	35	0.3	5	254	0.2	97	10	79	10
JM RC-44-07	72	74	109881	ORG	0.01	0.5	8.54	170	880	1.5	2	8.64	0.6	6	6	63	2.84	1.79	0.52	277	3	1.98	10	660	51	0.31	28	272	0.24	71	10	147	10
JM RC-44-07	74	76	109883	EXT	0.005	0.5	8.36	23	880	1.5	2	2.06	0.5	12	6	58	3.04	1.91	0.85	476	3	2.58	8	940	28	0.67	5	414	0.3	76	10	130	10
JM RC-44-07	76	78	109884	EXT	0.007	0.5	8.67	66	800	1.3	2	1.53	0.5	10	7	56	2.78	1.84	0.67	505	2	2.2	8	850	35	0.18	5	325	0.27	71	10	140	10
JM RC-44-07	78	80	109885	EXT	0.009	0.5	7.57	14	630	1.4	2	2.37	0.5	20	11	79	2.96	1.58	0.62	748	4	2.6	15	660	18	0.01	5	378	0.39	73	10	147	10
JM RC-44-07	80	82	109886	EXT	0.006	0.5	7.66	8	810	1.4	2	2.67	0.6	13	8	67	2.63	1.81	0.78	587	5	2.54	8	830	20	0.09	5	391	0.38	72	10	125	10
JM RC-44-07	82	84	109887	EXT	0.009	0.5	7.84	11	880	1.4	2	1.98	0.5	9	7	48	2.67	1.91	0.93	583	4	2.54	10	810	24	0.08	5	413	0.26	70	10	108	10
JM RC-44-07	84	86	109888	EXT	0.012	0.6	9.42	17	880	1.6	2	3.22	0.6	16	8	72	3.03	1.96	0.17	108	5	2.73	11	640	30	0.02	6	431	0.3	79	10	125	10
JM RC-44-07	86	88	109889	EXT	0.008	0.5	8.02	11	670	1.3	2	1.78	0.5	13	7	69	2.79	1.98	0.43	886	3	2.39	9	580	30	0.11	5	343	0.27	68	10	140	10
JM RC-44-07	88	90	109890	EXT	0.007	0.5	8.18	16	660	1.5	2	1.78	0.5	9	7	56	2.78	1.96	0.65	517	4	2.4	10	680	27	0.11	5	388	0.25	76	10	136	10
JM RC-44-07	90	92	109891	EXT	0.009	0.6	8.2	8	660	1.4	2	1.78	0.6	7	6	54	2.64	1.77	0.64	566	5	2.48	9

RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-44-07	120	122	109907	EXT	0.0026	0.5	7.46	9	540	1.2	4	3.46	0.9	36	98	384	5.39	1.34	2.76	1530	10	2.09	47	1370	30	0.04	5	397	0.57	166	10	488	10
JM RC-44-07	122	124	109908	EXT	0.022	0.5	8.11	9	550	1.2	4	3.64	0.9	38	105	398	5.47	1.21	2.87	4450	4	1.98	54	1380	25	0.12	5	343	0.58	168	10	1070	10
JM RC-44-07	124	126	109909	EXT	0.014	0.5	8.16	11	530	1.2	2	4.58	0.9	46	102	173	5.45	1.19	2.84	5560	4	1.9	54	1410	30	0.08	5	371	0.61	175	10	917	10
JM RC-44-07	126	128	109910	EXT	0.02	0.5	7.65	16	570	1.3	2	3.45	0.9	32	97	177	5.15	1.25	2.45	3580	5	1.87	46	1340	32	0.03	5	352	0.58	162	10	744	10
JM RC-44-07	128	130	109911	EXT	0.018	0.6	7.78	20	580	1.3	2	3.58	0.9	37	94	168	5.45	1.17	2.42	3880	6	1.71	45	1340	58	0.02	5	354	0.57	162	10	629	10
JM RC-44-07	130	132	109912	EXT	0.012	0.5	8.27	8	460	1.2	2	4.8	1.1	27	102	160	5.39	1.09	2.82	3950	3	1.98	50	1420	19	0.08	5	371	0.61	172	10	535	10
JM RC-44-07	132	134	109913	EXT	0.03	0.5	7.89	5	500	1.1	2	4.06	1.0	31	569	248	5.85	1.08	2.75	2190	7	1.98	51	1380	16	0.25	5	388	0.59	178	10	464	10
JM RC-44-07	134	136	109914	EXT	0.014	0.5	7.62	6	560	1.1	3	3.79	1	27	162	181	5.66	1.18	2.89	2570	6	2.14	48	1360	12	0.21	5	348	0.58	168	10	573	10
JM RC-44-07	136	138	109915	EXT	0.02	0.5	7.91	5	580	1.1	2	3.75	2.9	31	191	126	5.57	1.25	3.02	2940	4	2.17	46	1400	16	0.13	5	342	0.58	164	10	514	10
JM RC-44-07	138	140	109916	EXT	0.022	0.5	8.35	5	660	1.5	2	3.43	2.2	20	81	164	4.41	2.36	2.08	2070	6	2.48	31	1110	20	0.22	5	377	0.49	127	10	472	10
JM RC-44-07	140	142	109917	EXT	0.017	0.5	8.09	5	640	1.4	2	3.87	2.4	21	93	124	4.77	1.43	2.46	3200	5	2.21	41	1250	12	0.23	5	298	0.54	147	10	756	10
JM RC-44-07	142	144	109918	EXT	0.035	0.5	7.83	5	780	1.3	2	3.15	1.9	19	69	199	4.7	0.99	2.14	2260	6	1.94	36	1100	17	0.12	5	283	0.46	130	10	494	10
JM RC-44-07	144	146	109919	EXT	0.044	0.6	7.96	5	460	1.4	3	3.66	2.2	23	102	298	5.53	1.54	2.77	3010	14	1.71	48	1430	28	0.04	5	347	0.58	168	10	700	10
JM RC-44-07	146	148	109920	EXT	0.047	0.5	8.45	5	440	1.4	2	4.07	2.1	29	109	327	5.98	1.37	3.13	3580	17	2.04	53	1530	25	0.08	5	311	0.62	174	10	588	10
JM RC-44-07	148	150	109921	EXT	0.022	0.5	8.38	12	400	1.3	2	4.54	2.1	23	108	173	5.35	1.31	3.13	3480	6	1.84	60	1520	21	0.02	5	351	0.6	172	10	573	20
JM RC-44-07	150	152	109922	EXT	0.026	0.6	8.12	5	420	1.3	2	4.53	2.1	29	116	252	6.89	1.42	2.86	3570	16	1.8	52	1480	25	0.13	5	311	0.9	184	10	968	80
JM RC-44-07	152	154	109923	EXT	0.039	0.5	7.97	38	470	1.4	2	4.73	3.7	34	160	317	5.94	1.23	2.95	3400	6	1.71	44	1470	20	0.35	5	273	0.69	188	10	704	10
JM RC-44-07	154	156	109924	EXT	0.044	0.7	8.17	67	380	1.6	2	1.84	3.1	24	88	305	5.82	1.27	2.38	2110	17	0.62	43	1440	67	0.18	5	220	0.48	158	10	546	10
JM RC-44-07	156	158	109925	DRG	0.027	0.5	8.14	7	390	1.2	2	4.64	2.1	23	107	202	5.38	0.7	3.04	3020	7	1.7	47	1450	19	0.12	5	301	0.6	170	10	542	10
JM RC-44-07	158	160	109926	EXT	0.034	0.6	8.02	10	380	1.3	1	4.31	2.5	26	162	331	5.58	1.01	3	2630	10	1.64	46	1410	13	0.36	5	318	0.54	164	10	553	10
JM RC-44-07	160	162	109927	EXT	0.041	0.5	8.25	7	600	1.4	3	4.27	3.3	29	166	377	5.38	1.21	3.06	3780	14	2.21	41	1500	30	0.54	5	388	0.61	175	10	743	10
JM RC-44-07	162	164	109928	EXT	0.034	0.5	8.56	13	560	1.5	2	4.22	3.1	25	88	254	5.22	1.01	2.96	3630	11	2.18	46	1560	39	0.12	5	353	0.64	174	10	699	10
JM RC-44-07	164	166	109929	EXT	0.055	0.5	8.96	22	350	1.7	2	2.84	3.5	32	97	441	5.56	1.58	2.54	2300	25	2.29	36	1460	44	0.47	5	285	0.64	163	10	706	10
JM RC-44-07	166	168	109931	EXT	0.057	0.7	8	16	400	1.8	2	3.41	4.9	41	164	466	10.1	2.31	2.82	3230	26	1.31	75	1580	19	0.5	5	144	0.91	172	10	1100	10
JM RC-44-07	168	170	109932	EXT	0.08	0.7	8.3	13	450	2.3	2	3.34	6.9	39	112	488	7.1	1.45	2.59	2830	17	1.57	60	1800	51	0.46	5	179	0.81	165	10	747	20
JM RC-44-07	170	172	109933	EXT	0.064	1.1	8.11	25	520	1.2	2	0.84	1.1	10	10	330	4.25	1.45	0.27	530	22	1	11	460	304	0.83	5	168	0.21	25	10	181	30
JM RC-44-07	172	174	109934	EXT	0.031	0.6	8.9	29	220	1.2	3	0.74	0.8	6	7	354	2.75	1.33	0.25	417	14	0.78	9	730	17	0.68	5	97	0.2	15	10	135	10
JM RC-44-07	174	176	109935	EXT	0.053	0.9	7.82	33	300	1.5	4	1.2	1.4	15	18	705	3.63	1.58	0.75	643	10	3.6	15	540	41	0.89	5	117	0.27	35	10	236	10
JM RC-44-07	176	178	109936	EXT	0.039	0.7	8.04	51	370	1.6	2	0.88	1.2	7	48	402	3.54	1.74	0.89	641	52	1.99	14	960	31	1.1	5	112	0.28	42	10	185	10
JM RC-44-07	178	180	109937	EXT	0.04	0.5	7.52	10	360	1	2	0.12	0.5	1	10	84	1.54	2.67	0.19	88	1.88	0.58	5	650	22	0.5	5	34	0.11	30	10	22	10
JM RC-44-07	180	182	109938	EXT	0.011	0.5	7	37	220	1.2	2	0.44	0.7	6	13	180	1.19	1.48	0.36	316	107	2.4	9	540	31	0.73	5	69	0.2	25	10	61	10
JM RC-44-07	182	184	109939	EXT	0.017	0.5	7.17	95	130	1.3	2	0.55	0.6	5	16	76	2.17	0.74	0.33	270	23	3.91	11	510	36	0.5	5	88	0.25	19	10	117	10
JM RC-44-07	184	186	109940	EXT	0.017	0.6	8.48	16	360	2.1	2	2.85	2.9	19	73	215	4.55	1.24	1.69	1665	14	2.67	33	1230	29	0.46	5	218	0.5	112	20	404	10
JM RC-44-07	186	188	109941	EXT	0.013	0.5	7.32	12	280	1.1	2	2.27	1.7	21	64	155	3.84	1.3	1.87	1690	29	1.57	24	1050	28	0.43	5	165	0.36	102	10	376	20
JM RC-44-07	188	190	109942	EXT	0.023	0.6	7.81	34	350	1.7	2	1.4	3.4	9	11	117	1.88	2.12	0.61	715	12	2.7	4	680	29	0.9	5	214	0.38	68	10	271	10
JM RC-44-07	190	192	109943	EXT	0.011	0.7	8.79	49	450	1.4	2	0.55	1.1	5	11	117	1.88	2.12	0.21	381	23	2.91	6	570	38	0.47	5	133	0.13	30	10	80	10
JM RC-44-07	192	194	109944	EXT	0.013	0.6	8.95	43	360	1.4	2	0.48	0.9	5	8	108	1.42	2.18	0.17	271	11	2.54	2	390	30	0.67	5	132	0.12	12	10	91	10
JM RC-44-07	194	196	109945	EXT	0.015	0.9	7.98	13	360	1.8	2	3.29	3.7	20	48	488	5.96	1.46	2.89	2160	11	2.57	16	1410	24	0.9	5	251	0.54	154	10	716	20
JM RC-44-07	196	198	109946	EXT	0.029	0.5	8	29	380	1.8	2	2.99	3.1	14	61	518	4.56	1.4	1.84	1630	11	2.46	23	1010	24	0.83	5	201	0.5	132	10	796	30
JM RC-44-07	198	200	109947	EXT	0.017	0.5	8.02	13	390	1.8	2	3.47	1.9	19	44	364	4.65	1.04	2.21	1670	17	1.74	32	1150	27	0.39	5	307	0.45	129	10	421	20
JM RC-44-07	200	202	109948	EXT	0.035	0.5	8.5	41	950	1.8	2	2.4	3	16	44	364	4.78	1.6	1.81	1650	12	2.52	32	1640	23	0.71	5	260	0.61	121	10	681	20
JM RC-44-07	202	204	109949	EXT	0.018	0.5	8.54	32	360	1.9	3	3.61	1.9	20	82	134	5.15	1.04	2.53	2360	10	1.92	42	1370	20	0.39	5	330	0.51	143	10	498	30
JM RC-44-07	0	2	109960	DRG	0.062	0.5	7.51	56	510	0.8	2	0.37	0.8	1	18	264	6.46	1.73	0.34	54	52	0.5	5	1360	13	0.73	5	134	0.16	151	10	19	30
JM RC-44-07	2	4	109952	EXT	0.041	0.5	8.05	23	360	0.8	2	0.24	0.8	1	13	136	4.68	2.1	0.38	32	32	0.57	8	1670	22	0.43	5	375	0.16	175	10	17	10
JM RC-44-07	4	6	109953	EXT	0.04	0.5	8.22	14	360	0.7	2	0.19	0.5	1	10	117	4.5	1.77	0.5	36	48	0.44	8	1230	15	0.3	5	363	0.16	159	10	12	10
JM RC-45-07	6	8	109954	EXT	0.028	0.6	8.52	12	510	0.8	2	0.19	0.5	1	16	118	5.37	1.74	1.01	56	13	0.44	10	1440	11	0.35	5	341	0.22	157	10	14	10
JM RC-45-07	8	10	109955	EXT	0.044	0.5	8.87	8	570	1.1	2	0.15	0.5	1	16	146	5.36	2.03	0.72	39	17	0.41	7	1500	12	0.35	5	404	0.21	165	10	11	10
JM RC-45-07	10	12	109956	EXT	0.056	2.3	8.91	16	880	0.8	2	0.19	0.5	1	16	209	5.22	2.19	0.88	32	24	0.47	6	1500	13	0.34	5	231	0.14	158	10	12	10
JM RC-45-07	12	14	109957	EXT	0.156	0.8	8.42	16	330	1.5	2	0.26	0.5	1	18	169	5.34	1.51	0.83	34	57	0.44	11	2160	4	0.43	5	180	0.18	162	10	14	10
JM RC-45-07	14	16	109958	EXT	0.09	0.9	8.62	31	350	1.1	2	0.25	0.5	1	17	324	5.06	1.8	0.79	34	150	0.43	15	2070	2	0.45	5	88	0.21	162	10	13	10
JM RC-45-07	16	18	109959	EXT	0.088	0.8	7.87	33	530	0.9	2	0.14	0.5	1	14	188	3.66	1.63	0.14	41	44	0.34	8	1300	6	0.44	5	156	0.16	114	10	11	10
JM RC-45-07	18	20	109960	EXT	0.152	0.8	5.54	17	0.16	0.5	2	0.04	0.5	1	4	89	1.41	1.55	0.12	34	66	0.17	3	540	7	0.05	5	77	0.05	23	10	12	10
JM RC-45-07	20	22	109961	ORG	0.099	1.1	7.5	20	1620	0.5	2	0.04	0.5	1	4	28	1.41	0.72	0.1	48	54	0.16	3	1230	15	0.3	5	363	0.16	159	10	11	10
JM RC-45-07	22	24	109963	EXT	0.09	1.2	7.58	41	880	0.7	2	0.11	0.5	1	6	82	2.85	1.66	0.15	46	71	0.21	3	1130	11	0.72	5	212	0.15	97	10	8	10
JM RC-45-07	24	26	109964	EXT	0.095	1.4	8.33	52	790	1	2	0.12	0.5	1	11	95	3.79	2.13	0.25	37	62	0.24	1	1270	9	0.4	5	237	0.21	132	10	9	10
JM RC-45-07	26	28	109965	EXT	0.095	1	7.67	34	530	0.8	2	0.12	0.5	1	16	128	3.73	1.82	0.34	18	58	0.28	5	1150	3	0.32	5	178	0.15	128	10	7	10
JM RC-45-07	28	30	109966	EXT	0.053	0.8	8.56	31	730	0.8	2	0.18	0.5	1	12	197	4.77	2.09	0.5	29	77	0.36	7	1760	4	0.49	5	176	0.28	191	10	16	10
JM RC-45-07	30	32	109967	EXT	0.047	0.5	8.59	29	860	0.9	2	0.13	0.6	7	12	173	4.77	2.27	0.44	29	27	0.37	7	1410	6	0.44	5	129	0.25	137	10	16	10
JM RC-45-07	32	34	109968	EXT	0.095	0.5	8.27	60	800	0.7	2	0.15	0.8	11	12	148	4.42	2.12	0.31	39	67	0.26	6	1480	11	1.56	5	166	0.24	142	10	16	10
JM RC-45-07	34	36	109969	EXT	0.088	0.6	8.5	48	850	0.8	2	0.16	0.5	14	12	341	5.2	2.14	0.5	34	10	0.3	6	1410	5	2.39	5	166	0.25	151	10	11	10
JM RC-45-07	36	38	109970	EXT	0.054	0.8	8.67	20	770	0.7	2	0.15	0.5	9	12	382	4.45	2.08	0.49	28	54	0.34	7	1360	6	1.22	5	178	0.27	139	10	11	10
JM RC-45-07	38	40	109971	EXT	0.065	0.5	8.57	33	770	0.7	2	0.15	0.5	10	12	418	4.32	2.27	0.52	17	39	0.37	6	1490	9	3.49	5	177	0.22	142	10	9	10
JM RC-45-07	40	42	109972	EXT	0.153	0.8	8.42	36	80	0.6	2	0.14	0.5	10	11	960	5.79	2.63	0.23	30	20	0.37	6	1260	10	5.4	5	164	0.14	131	10	7	10
JM RC-45-07	42	44	109973	EXT	0.102	0.5	7.97	42	100	0.7	2	0.13	0.5	20	12	711	4.98	2.62	0.25	18	15	0.3	4	1190	4	4.88	5	146	0.19	128	10	7	10
JM RC-45-07	44	46	109974	EXT	0.074	0.5	8.43	17	440	1	2	0.14	0.5	12	13	807	3.71	2.25	0.53	18	33	0.26	11	1250	4	1.93	5	141	0.18	127	10	11	10
JM RC-45-07	46	48	109975	EXT	0.099	0.5	8.38	47	270	0.9	2	0.11	0.5	13	16	1730	3.65	2.51	0.35	31	54	0.23	9	1030	7	2.62	5	146	0.15	107	10	11	10
JM RC-45-07	48	50	109976	EXT	0.047	0.6	5.34	39	70	0.6	2	0.022	0.5	12	4	354	3.65	1.47	0.08	41	67	0.09	3	740	14	3.13	5	72	0.04	29	10	11	10
JM RC-45-07	50	52	109977	EXT	0.044	0.5	5.48	34	230	0.6	2	0.05	0.5	9	9	1750	2.57	1.48	0.05	31	56	0.11	4	480	13	2.49	5	114	0.04	38	10	11	10
JM RC-45-07	52	54	109978	EXT	0.074	0.5	5.99	69	90	0.5	2	0.03	0.5	9	9	1470	3.02	1.54	0.07	99	170	0.1	4	450	19	2.58	5	108	0.04	34	10	11	10
JM RC-45-07	54	56	109979	EXT	0.087	0.6	5.47	37	120	0.6	2	0.03	0.5	11	4	812	3.07	1.56	0.07	43	57	0.1	5	410	18	2.78	5	150	0.03	39	20	12	10
JM RC-45-07	56	58	109980	EXT	0.068	0.5	5.68	54	240	0.7	2	0.09	0.5	15	13	2370	3.74	2.08	0.26	29	82	0.21	7	810	13	2.65	7	126	0.22	102	10	10	10
JM RC-45-07	58	60	109981	EXT	0.076	0.5	6.08	44	190	0.9	2	0.11	0.6	13	13	3130	4.19	2.78	0.27	38	20	0.2	7	880	12	3.67	5	102	0.17	108	10	6	10
JM RC-45-07	60	62	109982	EXT	0.05	0.5	5.57	38	220	0.6	2	0.03	0.5	14	9	474	3.12	2.47	0.14	34	22	0.11	5	290	9	2.8	5	73	0.08	22	10	12	10
JM RC-45-07	62	64	109983	EXT	0.075	0.6	6.62	74	140	0.5	2	0.04	0.5	15	9	1790	3.7	2.66	0.16	71	34	0.15	5	440	4	3.25	5	98	0.07	30	10	11	20
JM RC-45-07	64	66	109984	ORG	0.053	0.5	7.3	167	160	0.7	3	0.04	0.5	18	9	1670	3.91	3.04	0.16	45	43	0.14	5	490	7	3.25	5	108	0.08	37	10	11	10
JM RC-45-07	66	68	109985	EXT	0.049	0.5	6.53	34	200	0.6	2	0.03	0.5	15	11	791	2.8	2.9	0.15	15	13	0.15	4	460	8	2.39	5	85	0.06	24	10	7	10
JM RC-45-07	68	70	109987	EXT	0.054	0.5	6.97	74	70	0.7	3	0.05	0.5	16	6	1580	4.66	2.72	0.16	46	38	0.2	5	580	9	4.22	5	132	0.09	47	10	9	10
JM RC-45-07	70	72	109988	EXT	0.079	0.5	7.58	70	80	0.7	3	0.09	0.5	19	10	3780	5.44	2.89	0.24	30	34	0.23	8	640	8	4.97	5	235	0.18	100	10	12	20
JM RC-45-07	72	74	109989	EXT	0.082	0.5	8	27	110	0.8	3	0.08	0.6	28	12	2570	4.75	3.21	0.27	31	43	0.25	8	660	7	4.38	5	214	0.15	115	10	9	10
JM RC-45-07	74	76	109990	EXT	0.096	1	6.74	6	520	1	3	0.1	0.7	19	14	1710	6.7	2.97	0.27	35	38	0.32	9	860	19	5.71	5	254	0.23	118	10	15	100
JM RC-45-07	76	78	109991	EXT	0.084	0.6	8.53	5	680	0.8	2	0.11	0.6	20	16	966	5.88	2.45	0.33	34	31	0.35	13	970	17	5.33	5	270	0.21	136	10	11	10
JM RC-45-07	78	80	109992	EXT	0.087	0.6	8.77	5	680	0.7	2	0.11	0.6	22	17	911	4.73	2.65	0.53	37	37	0.39	12	1000	17	3.64	5	306	0.23	127	10	14	20
JM RC-45-07	80	82	109993	EXT	0.096	1.2	9.23	5	900	0.8	2	0.14	0.5	22	12	790	5.29	2.11	0.63	42	23	0.34	9	1370	24	3.89	5	734	0.25	132	10	17	10
JM RC-45-07	82	84	109994	EXT	0.159	0.7	8.65	5	760	0.8	2	0.12	0.6	14	17	1160	4.11	2.39	0.46	32	53	0.3	15	1240	24	3.33	5	736	0.21	121	10	16	10
JM RC-45-07	84	86	109995	EXT	0.139	0.5	8.45	5	610	0.8	2	0.11	0.5	20	16	1460	4.66	2.71	0.41	34	58	0.26	14	950	15	3.89	5	263	0.21	124	10	15	20
JM RC-45-07	86	88	109996	EXT	0.09	0.5	8.46	5	730	1	2	0.13	0.7	23	17	1460	4.66	2.16	0.5	49	48	0.33	16	1200	17	2.96	5	363	0.24	144	10	16	20
JM RC-45-07	88	90	109997	EXT	0.071	0.5	8.88	5	680	0.7	2	0.15	0.9	16	18	1040	4.65	1.96	1.09	88	36	0.32	12	1150	12	2.62	5	161	0.27	136	10	24	30
JM RC-45-07	90	92	109998	EXT	0.096	0.7	8.04	5	640	0.8	2	0.15	0.7	14	21	1180	5.13	1.68	1.16	74	43	0.37	19	1100	20	2.75	5	163	0.29	146	10	26	30
JM RC-45-07	92	94	109999	EXT	0.079	0.5	8.04	5	670	0.8	2	0.16	0.9	19	21	1977	5.39	1.64	0.89	89	58	0.38	18	1240	17	3.57	5	165	0.31	165	10	38	30
JM RC-45-07	94	96	110000	EXT	0.074	0.5	8.16	5	670	0.9	2	0.15	0.7	21	16	1838	5.37	2.09	0.95	64	34	0.41	15	1160	14	3.67	5	176	0.28	143	10	34	30
JM RC-45-07	96	98	110001	EXT	0.088	0.7	8.52	38	440	0.9	2	0.14	0.9	25	17	1340	5.84	1.96	0.71	91	79	0.42	19	1050	14	2.98	5	138	0.26	131	10	18	20
JM RC-45-07	98	100	110002	EXT	0.368	0.5	8.73	5	510	1	2	0.12	0.8	19	15	1280	4.62	2.87	0.27	30	26	0.39	11	1130	15	3.75	5	166	0.2	101	10	11	10
JM RC-45-07	100	102	110003	EXT	0.087	0.7	7.95	6	810	0.7

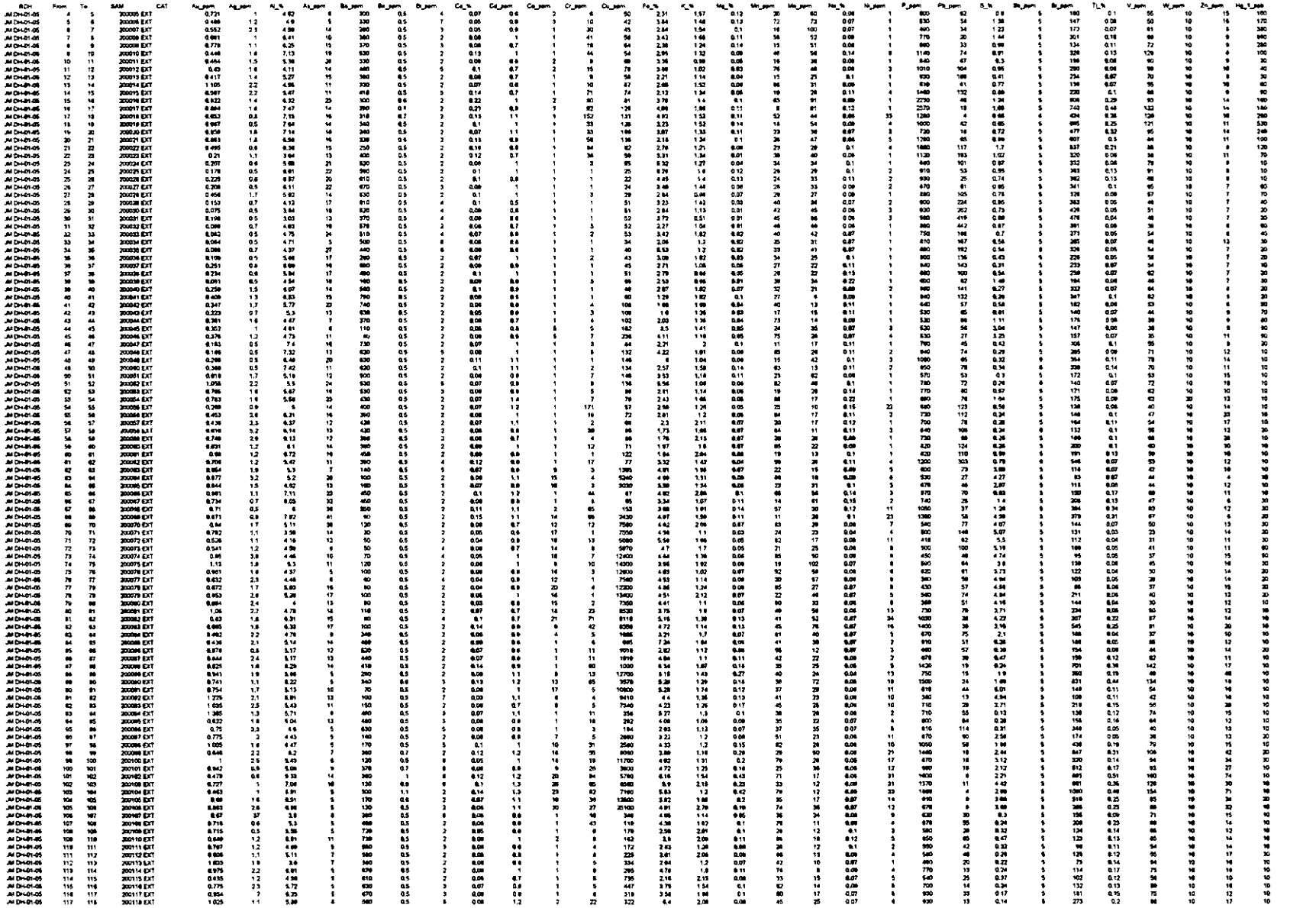


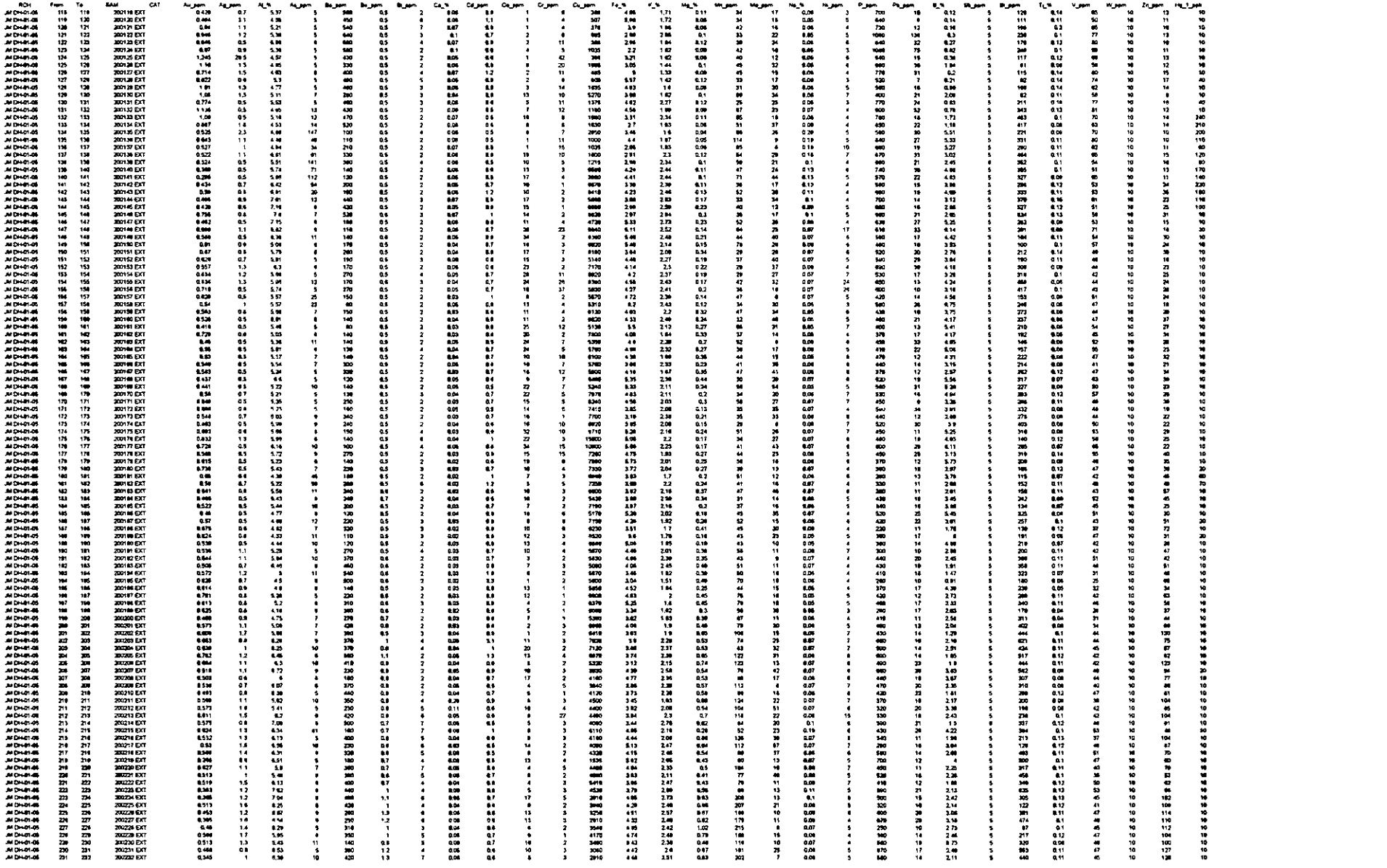


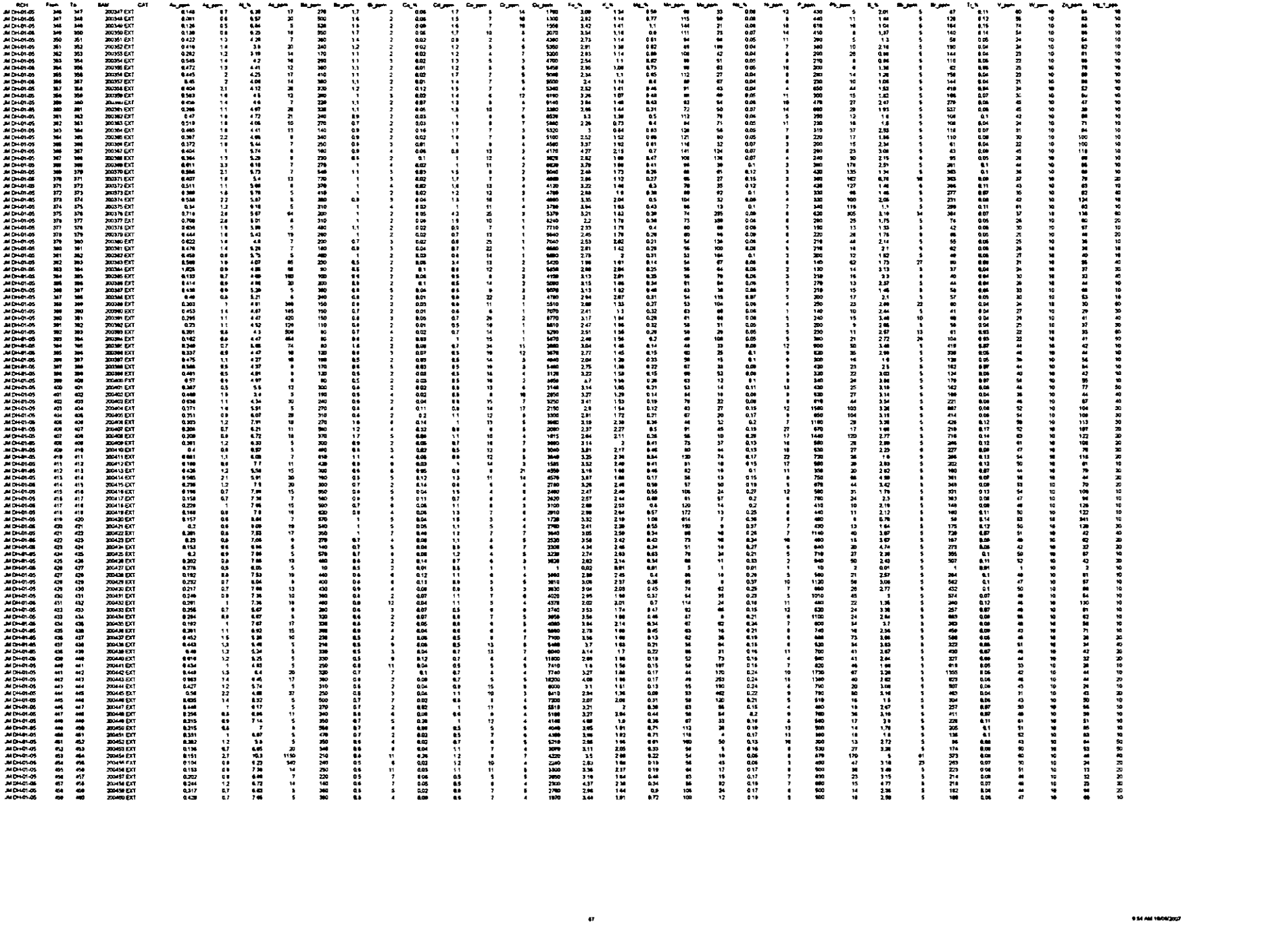
RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-46-07	372	374	1103887	EXT	0.126	0.5	7.29	25	320	1.5	2	0.21	0.5	17	14	1980	4.07	1.54	0.73	131	69	1.59	6	830	10	3.18	5	17	0.14	71	10	68	10
JM RC-46-07	374	376	1103554	EXT	0.091	0.5	4.77	20	290	1.3	2	0.18	0.5	14	12	1290	3.78	1.59	0.45	85	58	0.81	6	850	6	3.46	5	25	0.08	67	10	120	10
JM RC-46-07	376	378	1103556	EXT	0.113	0.5	7.4	18	340	1.7	2	0.06	0.5	12	12	1220	5.66	1.51	1.09	306	117	1.02	9	1780	10	3.14	5	50	0.09	102	10	111	10
JM RC-46-07	378	380	1103560	EXT	0.072	0.5	5.43	31	180	2.2	2	2.37	0.5	16	26	1180	7.19	0.5	1.76	545	24	1.26	13	1430	9	1.9	5	148	0.2	161	10	125	10
JM RC-46-07	380	382	1103561	EXT	0.071	0.5	5.66	22	320	2	2	0.56	0.5	18	24	1080	7.77	5.09	1.96	736	18	0.69	13	1440	16	1.9	5	66	0.23	230	10	143	40
JM RC-46-07	382	384	1103562	EXT	0.101	0.5	8.2	25	190	1.6	2	0.37	0.5	24	11	1080	6.37	1.32	0.99	217	37	1.03	6	1370	13	4.87	5	34	0.3	153	10	110	20
JM RC-46-07	384	386	1103563	EXT	0.068	0.5	8.7	24	370	1.9	2	0.21	0.5	11	15	1360	3.66	1.05	0.63	155	29	1.62	7	1900	18	2.25	6	41	0.18	75	10	140	10
JM RC-46-07	386	388	1103564	EXT	0.117	0.5	8.24	16	220	1.9	2	0.33	0.5	13	6	1670	3.73	1.48	0.66	75	42	0.51	6	1120	15	3.21	5	41	0.17	66	20	188	10
JM RC-46-07	388	390	1103565	EXT	0.134	0.5	8.09	66	180	1.7	2	0.2	0.5	22	11	2150	4.03	1.69	0.58	85	54	0.89	10	960	19	3.84	6	91	0.16	72	80	142	20
JM RC-46-07	390	392	1103566	ORG	0.126	0.5	8.05	28	280	1.2	2	0.19	0.5	18	10	2030	3.78	1.14	0.7	101	73	2.02	7	650	14	3.03	12	42	0.14	67	10	79	20
JM RC-46-07	392	394	1103568	EXT	0.084	0.5	8.7	21	420	1.5	2	0.37	0.5	15	9	1360	4.46	1.11	0.9	126	56	2.52	6	960	12	2.84	5	58	0.08	97	10	98	10
JM RC-46-07	394	396	1103569	EXT	0.065	0.5	8.91	18	360	1.7	2	0.33	0.5	11	7	778	4.15	1.13	0.66	141	20	2.29	7	960	12	2.01	6	68	0.11	79	10	40	10
JM RC-46-07	396	398	1103570	EXT	0.109	0.5	9.93	23	240	1.6	2	0.22	0.5	14	12	1710	5.58	1.32	0.58	107	64	1	7	980	11	3.54	5	41	0.14	75	10	91	10
JM RC-46-07	398	400	1103571	EXT	0.107	0.5	9.03	14	480	1.7	2	0.13	0.5	18	11	1830	3.62	1.48	0.46	54	67	0.7	9	1000	10	2.78	5	44	0.19	74	10	104	10
JM RC-47-07	0	2	1103572	EXT	0.02	0.5	5.36	15	780	2.1	3	1.36	2	19	54	68	4.67	1.65	1.49	1750	9	1.97	27	1780	51	0.46	5	145	0.51	134	10	324	40
JM RC-47-07	2	4	1103573	EXT	0.025	0.5	8.7	11	840	2.4	5	2.05	1.6	23	57	115	5.53	1.85	1.97	1954	6	2.43	26	2140	42	0.43	5	208	0.62	148	10	385	20
JM RC-47-07	4	6	1103574	EXT	0.036	0.5	8.45	6	1060	2.4	5	1.68	1.2	13	56	33	5.14	1.72	2.1	1735	4	3.13	21	1560	49	0.11	5	240	0.68	148	10	363	10
JM RC-47-07	6	8	1103575	EXT	0.012	0.5	5.18	4	1310	2	5	1.64	0.7	16	57	38	5.26	1.79	2.19	1855	4	3.01	25	1370	49	0.06	5	237	0.66	148	10	386	10
JM RC-47-07	8	10	1103576	EXT	0.013	0.5	6.3	5	780	2.4	2	2.7	1.7	17	44	30	4.91	1.55	1.43	2370	4	2.83	25	1650	49	0.05	5	268	0.54	120	10	418	10
JM RC-47-07	10	12	1103577	EXT	0.017	0.5	5.63	14	1310	2.6	4	2.17	1.4	15	58	38	5.53	2.02	1.76	2460	4	2.71	25	2150	47	0.05	5	211	0.7	138	10	436	10
JM RC-47-07	12	14	1103578	EXT	0.023	0.5	9.18	5	950	3.2	4	1.93	0.9	11	60	43	6.04	1.68	2.07	2570	6	3.99	25	2060	43	0.06	5	226	0.79	155	10	410	10
JM RC-47-07	14	16	1103579	EXT	0.015	0.5	9.35	8	360	3	4	2.17	0.6	13	58	41	5.35	1.87	1.55	2580	7	3.19	25	2080	47	0.06	5	228	0.68	154	10	388	10
JM RC-47-07	16	18	1103580	EXT	0.014	0.5	8.05	7	830	2.9	3	1.89	0.9	10	44	34	4.26	1.56	1.31	2140	6	3.78	16	1730	42	0.06	5	182	0.54	118	10	336	10
JM RC-47-07	18	20	1103581	EXT	0.019	0.5	8.54	11	1140	1.9	3	2.88	0.5	17	59	34	5.5	1.67	1.77	2480	4	3.66	23	2120	55	0.58	5	183	0.67	151	10	341	10
JM RC-47-07	20	22	1103583	EXT	0.022	0.5	8.36	30	850	1.9	3	1.75	0.6	10	24	33	3.8	1.46	0.98	1480	7	1	10	760	58	0.82	5	140	0.38	74	10	272	10
JM RC-47-07	22	24	1103585	EXT	0.023	0.5	8.18	4	1140	1.8	3	2.57	0.7	14	47	24	4.42	1.67	1.75	2740	4	3.96	18	1760	54	1.12	5	178	0.58	121	10	317	10
JM RC-47-07	24	26	1103584	ORG	0.037	0.5	8.07	12	180	2	3	3.31	0.7	20	54	51	6.48	1.85	1.93	4070	4	2.47	25	2110	88	2.88	5	158	0.64	148	10	446	10
JM RC-47-07	26	28	1103586	EXT	0.03	0.5	7.96	13	400	1.8	4	2.81	1	20	95	61	5.31	1.66	2.05	4230	6	2.68	24	2040	63	2.09	5	164	0.63	142	10	363	10
JM RC-47-07	28	30	1103587	EXT	0.014	0.5	8.03	21	810	1.6	4	4.06	0.8	18	57	48	5.16	1.58	1.61	2130	5	2.46	23	2080	45	1.5	5	201	0.64	148	10	236	10
JM RC-47-07	30	32	1103588	EXT	0.021	0.5	8.04	34	810	1.9	3	4.17	0.9	18	54	46	5.21	1.73	1.93	2250	4	2.69	21	2020	48	1.49	5	278	0.66	145	10	277	10
JM RC-47-07	32	34	1103589	EXT	0.018	0.5	7.88	12	830	1.7	3	3.45	0.8	20	58	34	5.36	1.65	2.15	1918	5	3.05	20	2170	58	1.05	5	275	0.71	151	10	295	10
JM RC-47-07	34	36	1103590	EXT	0.034	0.5	7.76	8	880	1.5	3	4.02	1.3	17	57	33	5.04	1.68	2.11	1935	5	3.53	21	2040	43	1.62	5	295	0.67	145	10	402	10
JM RC-47-07	36	38	1103591	EXT	0.023	0.5	9.36	29	790	1.7	2	4.8	1	20	38	45	6.21	1.43	1.88	2910	4	3.39	24	2080	50	2.25	5	266	0.65	146	10	414	10
JM RC-47-07	38	40	1103592	EXT	0.014	0.5	8.29	17	830	1.6	4	6.27	0.8	15	53	38	4.62	1.62	1.78	3670	4	3.12	21	2120	43	2.15	5	269	0.67	150	10	413	10
JM RC-47-07	40	42	1103593	EXT	0.015	0.5	8.45	24	790	1.9	3	3.94	0.5	17	54	32	4.97	1.51	2.14	2760	4	3.18	21	2130	43	0.85	5	266	0.69	151	10	335	10
JM RC-47-07	42	44	1103594	EXT	0.018	0.5	8.15	5	870	1.7	2	3.72	0.8	18	61	44	5.37	1.78	2.4	2480	4	2.82	20	2250	58	1.22	5	288	0.74	156	10	458	10
JM RC-47-07	44	46	1103595	EXT	0.018	0.5	8.74	38	900	2	3	5.05	4.6	12	56	48	5.06	0.68	1.63	3310	8	3.73	18	2250	161	1.42	5	331	0.73	157	10	1020	10
JM RC-47-07	46	48	1103596	EXT	0.024	0.5	8.88	839	140	2	4	5.62	6.3	15	85	47	5.06	0.63	1.98	3080	7	3.13	18	2140	54	3.2	5	323	0.67	151	10	1400	10
JM RC-47-07	48	50	1103597	EXT	0.017	0.5	8.96	90	780	1.8	2	4.3	1.8	19	88	58	5.65	1.64	1.98	3310	6	2.8	23	2150	48	1.46	5	296	0.66	153	10	827	10
JM RC-47-07	50	52	1103598	ORG	0.02	0.5	8.53	74	830	1.7	2	3.91	1.1	17	54	42	5.25	1.68	2.22	2930	5	2.85	20	2080	51	1	5	295	0.69	149	10	456	10
JM RC-47-07	52	54	1103600	EXT	0.027	0.6	8.67	18	270	1.8	3	4.24	0.7	20	90	56	5.25	1.99	2.18	2480	6	2.43	22	2070	58	2.5	5	281	0.85	146	10	388	10
JM RC-47-07	54	56	1103601	EXT	0.026	0.6	8.22	31	810	1.7	2	4.02	1.4	17	82	73	5.12	1.74	2.18	2080	6	2.36	23	2080	63	1.56	5	316	0.86	145	10	368	10
JM RC-47-07	56	58	1103602	EXT	0.011	0.5	9.25	20	840	1.6	2	3.91	1.1	18	53	50	4.74	1.64	2.01	2530	7	2.84	23	2080	42	0.71	5	309	0.86	141	10	333	10
JM RC-47-07	58	60	1103603	EXT	0.018	0.5	8.3	36	700	1.9	3	4.4	0.8	17	54	44	5.14	1.8	2.1	2510	6	2.63	24	2100	42	1.57	5	313	0.88	148	10	369	10
JM RC-47-07	60	62	1103604	EXT	0.023	0.5	7.69	31	440	1.7	4	5.48	0.7	19	61	66	5.16	1.56	2.3	2780	7	2.61	23	2060	48	2.61	5	291	0.91	142	10	364	10
JM RC-47-07	62	64	1103605	EXT	0.027	0.5	8.91	27	670	2.2	3	4.9	0.9	17	67	61	5.57	1.56	2.13	3250	7	2.98	24	2170	43	1.53	5	341	0.73	147	10	388	10
JM RC-47-07	64	66	1103606	EXT	0.021	0.5	8.46	30	580	2.3	4	4.23	1	17	57	65	5.43	1.15	1.74	2390	7	3.26	21	2010	37	1.19	5	271	0.65	139	10	339	10
JM RC-47-07	66	68	1103607	EXT	0.026	0.5	8.4	34	740	2.3	4	5.36	2	16	83	84	5.17	1.4	1.91	2730	6	3.37	19	2070	49	0.71	5	264	0.65	138	10	437	10
JM RC-47-07	68	70	1103608	EXT	0.018	0.5	8.68	32	840	2.2	2	4.76	1.4	15	58	57	5.54	1.2	1.52	2650	6	3.68	21	2100	42	0.73	5	343	0.89	148	10	408	10
JM RC-47-07	70	72	1103609	EXT	0.027	0.6	7.9	42	780	2	2	2.56	0.6	16	12	98	3.86	1.61	0.89	1735	10	3.62	22	1280	36	1.45	5	187	0.49	89	10	214	10
JM RC-47-07	72	74	1103610	EXT	0.02	0.5	8.19	25	580	1.8	3	3.33	1.5	15	5	43	3.3	1.8	1.17	3110	6	3.38	5	840	36	0.66	5	413	0.35	79	10	636	10
JM RC-47-07	74	76	1103611	EXT	0.822	0.5	7.27	138	530	1.4	4	3.02	2.9	19	8	36	2.84	2.19	1.65	2720	4	2.37	9	980	79	2.58	5	311	0.27	77	10	479	20
JM RC-47-07	76	78	1103612	ORG	0.054	0.5	7.7	34	660	1.7	2	2.78	0.7	9	7	21	2.5	2.33	0.89	1995	4	2.7	4	560	36	0.7	5	361	0.34	61	14	218	10
JM RC-47-07	78	80	1103614	EXT	0.01	0.5	7.7	34	810	1.5	2	2.48	0.6	8	8	25	2.8	2.43	0.83	1440	5	2.79	5	830	36	0.97	5	378	0.29	71	10	397	10
JM RC-47-07	80	82	1103615	EXT	0.012	0.5	7.64	25	800	1.9	2	2.43	0.6	8	6	26	2.77	2.34	0.91	1645	4	2.65	5	910	34	0.93	5	368	0.27	66	10	188	10
JM RC-47-07	82	84	1103616	EXT	0.014	0.5	7.78	18	630	1.4	3	2.58	0.6	10	7	36	2.88	2.36	0.96	1845	4	2.53	6	800	42	1.6	5	353	0.24	67	10	245	10
JM RC-47-07	84	86	1103617	EXT	0.021	0.5	7.3	37	620	1.4	3	2.49	0.6	9	9	39	2.88	2.25	1.04	1580	7	2.12	6	840	44	2.53	5	372	0.24	65	10	214	10
JM RC-47-07	86	88	1103618	EXT	0.021	0.5	7.88	31	730	1.5	4	2.78	0.8	12	9	33	2.79	2.44	1	1285	5	1.97	5	560	43	4.25	5	276	0.17	68	10	167	10
JM RC-47-07	88	90	1103619	EXT	0.019	0.5	7.72	28	630	1.5	2	2.31	0.6	9	7	48	2.66	2.17	1.03	654	4	2.47	5	620	36	1.53	5	351	0.33	72	10	195	10
JM RC-47-07	90	92	1103620	EXT	0.018	0.5	7.54	70	730	1.4	3	2.43	0.5	9	9	39	2.56	2.26	0.9	442	5	1.72	5	660	39	3.52	5	377	0.21	69	10	78	10
JM RC-47-07	92	94	1103621	EXT	0.011	0.5	7.73	29	560	1.4	3	2.56	0.5	11	6	30	2.6	2.1	0.85	1480	3	2.36	6	660	34	1.7	5	358	0.27	66	10	164	10
JM RC-47-07	94	96	1103622	EXT	0.01	0.5	7.47	27	630	1.4	4	2.49	0.5	7	9	25	2.64	1.99	0.93	1056	4	2.42	6	690	27	1.61	5	356	0.22	64	10	163	10
JM RC-47-07	96	98	1103623	EXT	0.012	0.5	7.59	28	516	1.4	3	3	0.5	9	7	31	2.25	2.19	0.91	774	5	1.92	5	630	31	2.65	5	306	0.25	71	10	165	10
JM RC-47-07	98	100	1103624	EXT	0.021	0.5	7.63	14	600	1.5	3	2.5	0.5	7	7	39	2.66	2.19	0.95	636	6	2.41	6	640	41	1.72	5	378	0.2	70	10	186	10
JM RC-47-07	100	102	1103625	EXT	0.015	0.7	7.66	91	560	1.6	2	2.92	0.6	7	11	31	2.41	2.19	0.95	713	5	2.87	6	560	31	1.28	5	300	0.25	71	10	115	10
JM RC-47-07	102	104	1103626	EXT	0.01	0.5	7.45	195	580	1.4	4	2.87	0.6	11	4	32	2.64	1.87	0.99	1065	4	2.01	6	660	32	2	5	283	0.23	69	10	150	10
JM RC-47-07	104	106	1103627	EXT	0.019	0.5	7.48	182	280	1.2	4	1.58	0.5	5	8	31	2.72	2.13	0.99	273	4	1.19	4	660	25	2.5	13	209	0.23	68	10	88	10
JM RC-47-07	106	108	1103628	EXT	0.014	0.5	7.47	163	560	1.6	3	2.14	0.5	6	8	43	2.56	2.02	0.87	972	5	1.56	5	660	29	1.84	5	291	0.21	68	10	103	10
JM RC-47-07	108	110	1103629	EXT	0.016	0.5	7.41	40	580	1.5	3	1.75	0.6	7	8	30	2.54	2.28	0.93	997	5	1.76	5	680	48	1.91	5	258	0.17	68	10	131	10
JM RC-47-07	110	112	1103630	EXT	0.017	0.5	7.78	33	730	1.7	2	1.4	0.5	7	8	18	2.38	2.32	0.77	379	5	2.19	3	750	38	0.45	5	307	0.16	68	10	94	10
JM RC-47-07	112	114	1103631	EXT	0.014	0.5	7.39	29	740	1.6	2	1.46	0.6	5	8	26	2.76	2.51	0.83	468	5	2.08	4	630	42	0.74	5	305	0.19	67	10	108	10
JM RC-47-07	114	116	1103632	EXT	0.016	0.5	7.38	36	730	1.5	2	1.46	0.7	7	14	28	2.71	2.39	0.9	529	5	1.71	5	660	51	1.11	5	288	0.17	64	10	94	10
JM RC-47-07	116	118	1103633	EXT	0.013	0.5	7.5	22	600	1.4	3	1.57	1.6	9	8	24	3.16	2.48	0.91	783	5	1.97	5	580	45	1.67	5	326	0.21	68	10	135	10
JM RC-47-07	118	120	1103634	EXT	0.016	0.5	7.65	23	760	1.3	2	1.84	0.5	7	8	25	3.3	2.56	0.86	986	5	2.4	7	660	28	1.28	5	352	0.23	69	10	113	10
JM RC-47-07	120	122	1103636	EXT	0.016	0.5	7.7	22	770	1.4	2	1.79	0.5	6	9	36	3.28	2.5	0.92	760	5	2.53	6	650	33	1.1	5	299	0.24	69	10	127	10
JM RC-47-07	122	124	1103638	EXT	0.015	0.5	7.6	37	700	1.4	4	1.87	0.5	7	7	38	3.66	2.31	0.85	798	6	2.5	5	580	27	0.81	5	308	0.27	71	10	130	10
JM RC-47-07	124	126	1103639	ORG	0.016	0.5	7.76	35	730	1.5	4	1.9	0.6	7	6	46	3.14	2.41	0.88	887	7	2.51	4	630	32	0.8	6	362	0.28	69	10	129	10
JM RC-47-07	126	128	1103640	EXT	0.009	0.5	7.83	41	760	1.7	3	1.38	0.5	5	6	51	3.13	2.42	0.84	588	7	2.68	3	690	36	0.84	5	315	0.23	72	10	121	10
JM RC-47-07	128	130	1103642	EXT	0.018	0.5	7.51	46	730	1.6	3	1.35	0.5	6	6	67	2.98	2.2	0.89	954	7	2.12	4	610	46	1.22	5	313	0.25	71	10	136	10
JM RC-47-07	130	132	1103641	EXT	0.011	0.5	7.77	53	810	1.4	3	0.63	0.5	5	5	33	2.92	2.2	0.82	586	5	1.51	2	610	45	0.79	5	278	0.18	66	10	88	10
JM RC-47-07	132	134	1103642	EXT	0.009	0.5	7.31	36	700	1.5	6	0.64	1.2	5	7	41	2.83	2.47	0.78	991	7	1.52	4	630	39	1.84	6	303	0.18	68	10	98	30
JM RC-47-07	134	136	1103643	EXT	0.011	0.5	7.56	61	680	1.6	3	0.65	1.2	6	7	46	3.05	2.42	0.82	952	6	1.37	3	580	37	1.08	5	278	0.21	71	10	89	20
JM RC-47-07	136	138	1103644	EXT	0.008	0.5	8.09	36	660	1.5	3	2.33	0.5	7	6	36	3.16	2.37	0.87	1018	6	2.5	5	730	36	0.38	5	362	0.31	79	10	130	10
JM RC-47-07	138	140	1103645	EXT	0.007	0.5	8.12	22	680	1.6	3	2.43	0.5	6	6	44	3.3	2.44	0.89	979	6	2.52	4	660	43	0.33	5	362	0.32	81	10	157	10
JM RC-47-07	140	142	1103646	EXT	0.017	0.5	7.79	48	730	1.6	3	2.09	0.5	5	14	68	3.76	2.21	1.22	1500	7	2.25	7	670	43	0.67	5	345	0.35	91	10	181	10
JM RC-47-07	142	144	1103647	EXT	0.897	0.5	7.82	77	610	1.4	4	4.23	2.1	37	144	531	5.39	2.5	3.27	3088	10	2.56	85	1150	37	0.39	5	244	0.6	157	10	518	10
JM RC-47-07	144	146	1103648	EXT	0.236	0.5	8.09	48	680	2.1	4	3.55	1.6	34	168	297	5.59	2.44	2.82	3050	8	3.06	64	1410	51	0.38	5	308	0.66	170	30	430	10
JM RC-47-07	146	148	1103649	EXT	0.042	0.5	8.44	80	630	2.1	4	4.91	2.2	17	61	236	6.87	1.65	2.11	3750	11	2.63	21	2140	44	0.54	5	200	0.71	153	10	425	10
JM RC-47-07	148	150	1103650	EXT	0.826	0.5	5.37	41	760	2.4	3	3.49	0.7	20	60	119	6.7	1.94	2.84	3360	9	2.71	24	2150	49	0.94	5	196	0.73	155	10	386	10
JM RC-47-07	150	152	1103651	EXT	0.036	0.5	9.5	10	980	2.2	3	2.64	1.5	14	62	169	5.49	1.64	1.46	2270	6	2.47	15	1910	54	0.91	5	383	0.61	145	10	307	10
JM RC-47-07	152	154	1103652	EXT	0.826	0.5	7.7	50	840	1.7	3	3.13	0.5	14	57	139	5.56	1.68	1.57	2600	8	2.61	19	1980	86	0.2	5	244	0.68	142	10	248	10
JM RC-47-07	154	156	1103653	EXT	0.835	0.5	6.38	71	1000	2.4	3	2.22	0.9	11	60	119	6.64	2.06	2.11	2330	7	2.21	16	2140	76	0.39

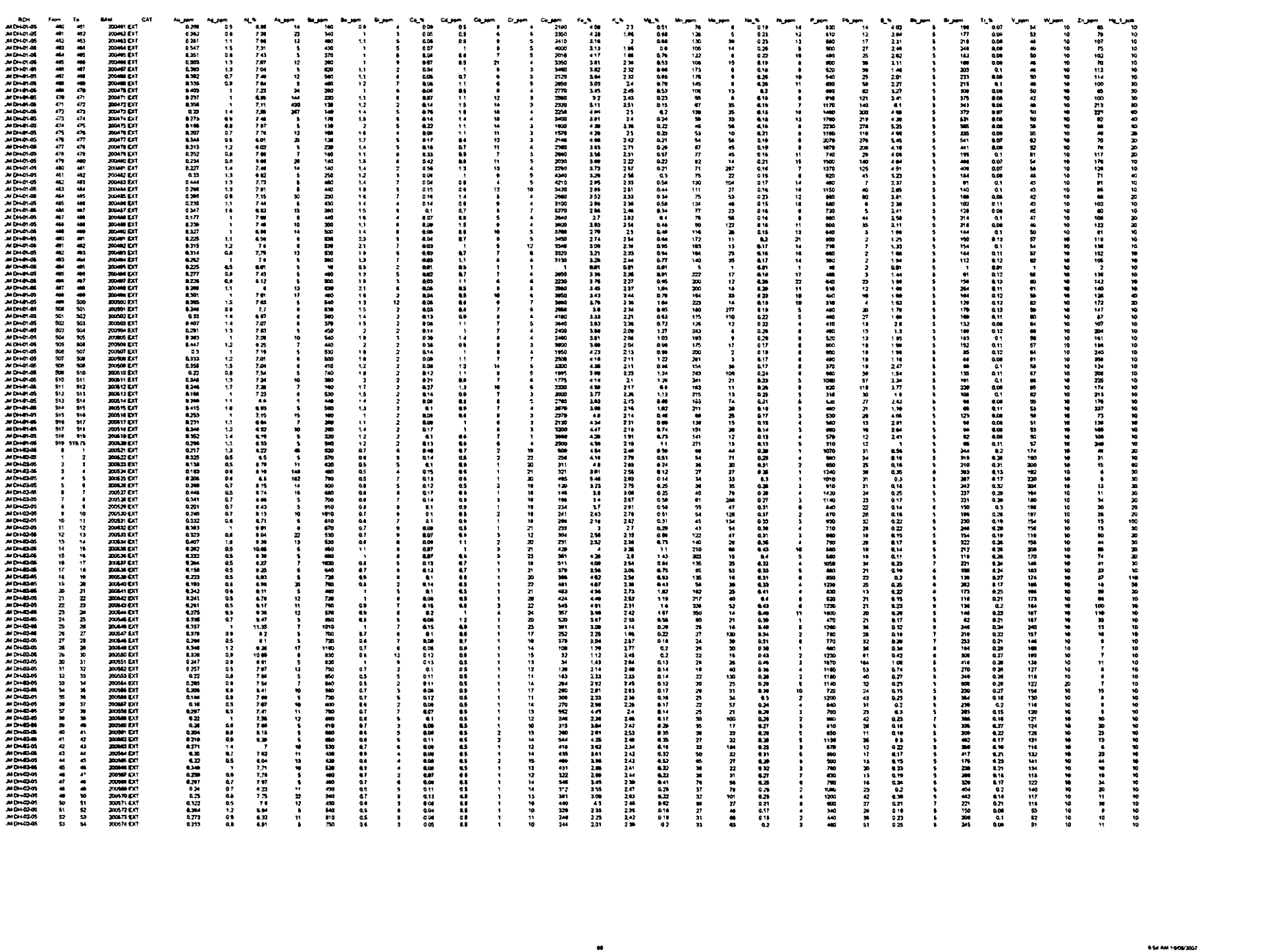


RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	B_ppm	Ca_%	Cd_ppm	Ce_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_1_ppb
JM RC-46-07	115	118	110542	EXT	0.027	0.5	5.89	16	40	0.5	2	0.05	0.5	10	7	100	3.68	1.91	0.94	42	60	0.13	7	600	50	4.42	5	163	0.06	46	10	9	10
JM RC-46-07	118	120	110543	EXT	0.039	0.5	6.13	56	50	0.5	2	0.07	0.5	20	4	360	3.97	1.41	0.05	37	10	0.14	9	630	66	4.88	5	204	0.06	46	10	13	10
JM RC-46-07	120	122	110544	EXT	0.035	0.5	6.91	18	40	0.5	2	0.08	0.5	22	7	91	5.34	1.58	0.03	41	22	0.22	7	1130	62	6.58	7	611	0.07	63	10	14	10
JM RC-46-07	122	124	110545	EXT	0.03	0.5	5.99	22	50	0.5	2	0.09	0.5	15	14	232	4.37	1.28	0.03	33	18	0.18	9	660	54	5.41	5	387	0.06	54	10	6	10
JM RC-46-07	124	126	110546	EXT	0.023	0.5	4.54	36	30	0.5	2	0.03	0.5	12	9	297	3.56	0.98	0.01	95	30	0.14	16	400	37	4.12	5	126	0.03	22	10	16	10
JM RC-46-07	126	128	110547	EXT	0.026	0.5	4.78	27	170	0.5	2	0.02	0.5	14	8	186	2.36	1.1	0.02	42	13	0.14	3	340	30	2.8	5	98	0.03	17	10	14	10
JM RC-46-07	128	130	110548	EXT	0.025	0.5	4.9	14	80	0.5	2	0.02	0.5	17	5	58	2.53	1.24	0.02	44	26	0.12	7	320	25	2.97	5	105	0.04	17	10	12	10
JM RC-46-07	130	132	110549	EXT	0.05	0.5	5.84	45	160	0.5	2	0.05	0.5	23	67	1310	3.96	1.32	0.04	37	19	0.13	40	760	29	4.52	5	160	0.05	45	10	15	10
JM RC-46-07	132	134	110560	EXT	0.048	0.5	5.43	61	80	0.5	4	0.07	0.5	22	25	662	4.3	1.09	0.03	43	23	0.14	19	880	28	4.75	5	146	0.06	42	10	20	10
JM RC-46-07	134	136	110561	EXT	0.025	0.5	4.09	33	70	0.5	2	0.02	0.5	34	5	191	4.11	0.98	0.02	47	12	0.1	5	250	20	4.26	5	78	0.03	17	10	12	10
JM RC-46-07	136	138	110562	EXT	0.031	0.5	7.1	84	40	0.5	2	0.11	0.5	22	45	931	5.72	1.68	0.07	34	24	0.09	37	1040	20	6.14	5	213	0.1	84	10	13	20
JM RC-46-07	138	140	110563	EXT	0.069	0.5	7.62	43	110	0.5	2	0.04	0.5	14	11	661	4.82	1.15	0.09	29	12	0.03	18	980	21	5.02	5	154	0.14	65	10	18	10
JM RC-46-07	140	142	110564	EXT	0.088	0.5	7.38	81	60	0.5	2	0.07	0.5	34	16	668	5.2	2.04	0.09	31	44	0.1	11	790	36	5.34	5	165	0.15	91	10	11	10
JM RC-46-07	142	144	110565	EXT	0.075	0.5	6.99	138	65	0.5	2	0.04	0.7	20	30	1130	4.65	1.94	0.08	29	26	0.14	13	710	22	5	9	147	0.09	85	10	16	20
JM RC-46-07	144	146	110566	EXT	0.042	0.5	7.53	146	45	0.5	2	0.1	0.8	21	62	1100	5.97	1.67	0.05	31	45	0.19	39	1110	25	6.83	5	344	0.1	102	10	14	10
JM RC-46-07	146	148	110567	EXT	0.029	0.5	5.88	79	65	0.5	2	0.09	0.5	19	9	504	3.65	1.77	0.04	34	19	0.15	7	430	25	4.98	5	83	0.05	35	10	13	10
JM RC-46-07	148	150	110568	EXT	0.033	0.5	5.58	91	80	0.5	2	0.03	0.5	17	4	645	3.88	1.79	0.07	51	24	0.1	6	360	26	3.63	5	82	0.05	28	10	14	10
JM RC-46-07	150	152	110569	EXT	0.031	0.5	6.04	24	80	0.5	2	0.03	0.5	30	10	767	3.46	1.75	0.06	46	14	0.13	6	430	29	3.57	5	83	0.05	34	10	15	10
JM RC-46-07	152	154	110600	EXT	0.02	0.5	6.47	39	80	0.5	2	0.05	0.5	18	11	359	4.04	2.04	0.07	51	4	0.12	7	630	39	4.04	5	114	0.06	30	10	16	10
JM RC-46-07	154	156	110601	ORG	0.065	0.5	8.46	37	130	0.5	2	0.14	0.5	35	75	426	5.72	2.03	0.12	37	7	0.07	86	1320	12	6.34	5	388	0.16	146	10	12	30
JM RC-46-07	156	158	110603	EXT	0.066	0.7	6.74	30	160	0.5	2	0.09	1.4	29	28	661	6.05	1.62	0.13	40	10	0.07	29	650	19	5.57	5	198	0.18	127	10	15	40
JM RC-46-07	158	160	110604	EXT	0.032	0.5	5.04	32	90	0.5	3	0.03	0.5	19	7	405	3.77	1.14	0.03	69	9	0.08	8	410	21	3.58	5	96	0.06	31	10	10	30
JM RC-46-07	160	162	110605	EXT	0.027	0.5	5.88	36	80	0.5	3	0.04	0.5	12	7	320	3.53	1.45	0.04	54	14	0.18	4	550	46	3.78	5	142	0.04	23	10	17	10
JM RC-46-07	162	164	110606	EXT	0.078	0.5	7.72	58	50	0.5	3	0.15	0.5	31	15	879	7.01	1.82	0.1	50	13	0.17	13	1410	36	7.99	5	247	0.17	89	10	16	40
JM RC-46-07	164	166	110607	EXT	0.064	0.7	7.89	62	80	0.5	4	0.19	0.8	31	16	2080	7.96	1.96	0.13	43	10	0.18	13	1640	35	8.8	5	306	0.18	125	10	18	70
JM RC-46-07	166	168	110608	EXT	0.046	0.5	5.55	92	100	0.5	2	0.16	0.8	28	16	460	6.53	2.09	0.13	38	1	0.18	9	1400	29	7.03	5	274	0.22	124	10	10	20
JM RC-46-07	168	170	110609	EXT	0.041	0.5	7.94	38	80	0.5	3	0.13	0.5	30	16	342	8.25	1.96	0.12	38	1	0.19	12	1100	27	6.58	5	198	0.2	128	10	20	30
JM RC-46-07	170	172	110610	EXT	0.045	0.9	7.87	139	65	0.6	3	0.13	0.7	37	15	980	7.88	1.99	0.09	48	17	0.2	12	1230	54	7.74	5	324	0.14	116	10	24	40
JM RC-46-07	172	174	110611	EXT	0.061	0.8	8	143	85	0.5	3	0.14	0.7	31	17	3580	7.5	2.24	0.15	41	35	0.21	14	1360	43	8	5	252	0.16	126	10	17	20
JM RC-46-07	174	176	110612	EXT	0.075	0.4	6.15	57	60	0.5	2	0.13	0.7	24	27	1040	6.72	2.09	0.14	35	32	0.22	17	1280	30	7.04	5	264	0.22	146	10	19	60
JM RC-46-07	176	178	110613	EXT	0.071	0.5	8.04	46	90	0.5	3	0.1	0.5	30	22	2570	5.6	2.09	0.14	52	9	0.18	14	1080	26	5.73	5	163	0.21	135	10	14	80
JM RC-46-07	178	180	110614	EXT	0.066	0.5	7.77	49	170	0.5	2	0.13	0.5	22	19	1030	5.25	2.36	0.16	35	29	0.14	16	1180	26	5.22	5	227	0.25	125	10	15	50
JM RC-46-07	180	182	110615	EX3	0.071	0.5	8.31	64	60	0.5	2	0.15	0.9	34	14	1130	6.1	2.33	0.17	41	36	0.17	21	1400	30	6.6	5	276	0.2	151	10	22	80
JM RC-46-07	182	184	110616	EXT	0.053	0.5	7.45	52	60	0.5	2	0.12	0.5	40	15	1910	4.6	2.06	0.11	44	39	0.16	16	1120	27	4.8	5	207	0.14	108	10	16	40
JM RC-46-07	184	186	110617	EXT	0.054	0.7	6.82	58	80	0.5	2	0.07	1	30	16	1670	5.43	1.69	0.08	41	22	0.18	15	740	35	5.84	5	156	0.1	80	10	14	30
JM RC-46-07	186	188	110618	EXT	0.041	0.5	5.19	67	120	0.5	2	0.09	0.8	32	9	1150	3.89	1.13	0.03	56	48	0.08	16	570	30	2.14	5	84	0.05	38	10	14	20
JM RC-46-07	188	190	110619	EXT	0.029	0.5	4.15	47	70	0.5	2	0.09	0.5	12	6	1780	2.77	0.76	0.02	43	39	0.12	9	380	23	2.91	5	116	0.04	23	10	7	10
JM RC-46-07	190	192	110620	EXT	0.055	0.7	4.83	60	80	0.5	2	0.03	0.5	13	5	1910	3.99	1.02	0.05	51	32	0.09	9	400	19	3.01	5	98	0.04	22	10	9	20
JM RC-46-07	192	194	110621	EXT	0.027	0.5	4.51	40	100	0.5	2	0.02	0.5	9	6	991	2.49	1.01	0.03	40	29	0.09	3	360	11	2.66	5	84	0.04	17	10	9	20
JM RC-46-07	194	196	110622	EXT	0.029	0.5	5.93	79	80	0.5	2	0.02	0.6	11	5	840	3.69	1.2	0.03	45	30	0.09	3	360	13	3.47	5	82	0.05	20	10	7	30
JM RC-46-07	196	198	110623	EXT	0.054	0.5	4.96	95	80	0.5	4	0.85	0.5	16	9	1090	3.49	0.87	0.02	37	29	0.09	5	430	16	3.42	5	123	0.04	20	10	9	10
JM RC-46-07	198	200	110624	EXT	0.031	0.5	4.77	70	70	0.5	2	0.04	0.5	16	7	754	5.68	0.82	0.01	54	125	0.12	5	500	19	5.95	5	188	0.03	27	10	7	10
JM RC-46-07	200	202	110625	ORG	0.03	0.6	4.32	77	60	0.5	2	0.03	0.5	13	7	1865	3.85	0.81	0.01	43	99	0.13	4	460	31	4.12	5	174	0.03	21	10	7	10
JM RC-46-07	202	204	110627	EXT	0.036	0.5	6.81	88	60	0.6	2	0.04	0.5	17	10	673	5.66	1.21	0.04	39	14	0.14	8	730	42	4.17	5	279	0.09	88	10	14	10
JM RC-46-07	204	206	110628	EXT	0.032	0.5	5	78	60	0.5	4	0.03	0.5	12	7	1420	3.69	0.89	0.02	48	103	0.1	4	480	26	3.9	5	136	0.05	36	10	10	10
JM RC-46-07	206	208	110629	EXT	0.02	0.5	4.71	87	60	0.5	4	0.02	0.5	14	7	737	3.41	0.98	0.03	46	80	0.08	4	360	16	3.11	5	78	0.04	16	10	8	10
JM RC-46-07	208	210	110630	EXT	0.023	0.5	4.48	152	180	0.5	2	0.03	0.5	9	16	157	2.43	0.4	0.02	43	33	0.12	3	450	30	2.63	5	146	0.04	34	10	6	10
JM RC-46-07	210	212	110631	EXT	0.027	0.5	4.2	145	70	0.5	2	0.03	0.5	9	9	2130	2.77	1.09	0.03	36	24	0.09	3	370	16	2.83	5	84	0.05	34	10	9	10
JM RC-46-07	212	214	110632	EXT	0.054	0.5	4.82	93	70	0.5	2	0.02	0.5	13	8	3050	3.14	1.36	0.04	43	26	0.08	5	360	19	3.54	5	87	0.05	34	10	7	10
JM RC-46-07	214	216	110633	EXT	0.056	0.5	5.83	83	70	0.5	2	0.02	0.5	20	5	1960	2.94	1.27	0.04	31	33	0.08	8	360	19	2.66	5	73	0.04	19	10	8	10
JM RC-46-07	216	218	110634	EXT	0.035	0.5	5.16	91	70	0.5	2	0.03	0.5	13	8	336	3.67	1.09	0.03	53	38	0.06	4	360	16	3.71	5	71	0.04	14	10	10	10
JM RC-46-07	218	220	110635	EXT	0.031	0.5	4.56	21	70	0.5	3	0.01	0.5	17	5	317	3.19	1.3	0.04	34	15	0.08	5	340	16	2.89	5	84	0.04	14	10	6	10
JM RC-46-07	220	223	110636	EXT	0.035	0.5	4.65	69	60	0.5	2	0.02	0.5	12	5	467	2.48	1.15	0.03	34	29	0.09	3	360	17	3.4	5	86	0.04	14	10	6	10
JM RC-46-07	223	224	110637	EXT	0.05	0.5	4.64	73	70	0.5	2	0.05	0.5	16	5	796	5.03	0.96	0.03	40	39	0.1	4	510	45	4.91	5	247	0.04	17	10	7	10
JM RC-46-07	224	228	110638	EXT	0.121	0.6	5.49	118	110	0.5	2	0.02	0.5	10	4	3670	3.75	1.47	0.05	50	13	0.06	3	320	21	3.66	5	146	0.04	16	10	4	10
JM RC-46-07	228	229	110639	EXT	0.058	0.5	5.98	46	130	0.5	2	0.03	0.5	15	8	613	3.81	1.38	0.05	36	16	0.16	6	360	18	4.19	5	88	0.03	17	10	14	10
JM RC-46-07	229	232	110640	EXT	0.038	0.5	5.29	32	90	0.5	2	0.03	0.5	18	4	152	3.38	1.34	0.04	72	34	0.11	7	350	20	4.08	5	95	0.03	15	10	6	10
JM RC-46-07	232	234	110641	EXT	0.066	0.8	3.2	309	130	0.5	2	0.02	0.5	12	4	1320	3.98	1.47	0.05	64	36	0.08	6	350	18	3.75	5	79	0.03	12	10	15	20
JM RC-46-07	232	234	110642	EXT	0.06	0.7	5.46	237	100	0.5	2	0.03	0.5	16	6	1540	3.97	1.6	0.06	46	54	0.11	11	570	18	4.06	5	91	0.04	20	10	16	20
JM RC-46-07	234	236	110643	EXT	0.058	0.5	5.82	252	100	0.5	2	0.02	0.6	11	4	1160	3.65	1.71	0.07	36	77	0.1	7	300	17	3.9	5	80	0.04	17	10	6	10
JM RC-46-07	236	238	110644	EXT	0.084	0.7	7.99	69	120	0.6	2	0.07	0.5	19	17	787	5.85	2.19	0.1	42	41	0.19	17	840	18	6.04	5	175	0.13	82	10	16	30
JM RC-46-07	238	240	110645	EXT	0.066	0.9	6.58	83	80	0.5	2	0.12	0.6	24	16	602	7.29	2.37	0.15	39	29	0.21	9	1810	32	8.16	7	254	0.17	163	10	14	30
JM RC-46-07	240	242	110646	EXT	0.138	0.8	9.24	46	60	0.7	2	0.1	0.9	21	14	2520	9.74	2.46	0.1	46	9	0.54	9	820	58	9.32	5	348	0.14	171	10	16	10
JM RC-46-07	242	244	110647	ORG	0.134	0.5	6.79	21	70	0.6	2	0.08	0.6	19	15	1080	7.87	2.27	0.13	40	11	0.5	10	870	24	8.11	5	125	0.17	158	10	15	20
JM RC-46-07	244	246	110648	EXT	0.094	0.6	8.95	92	80	0.8	2	0.09	0.6	29	15	1370	7.39	2.43	0.11	45	16	0.46	12	780	32	6.58	5	206	0.2	162	10	24	80
JM RC-46-07	246	248	110650	EXT	0.053	0.8	6.48	17	160	0.7	2	0.12	0.5	21	14	1560	5.26	2.17	0.31	43	10	0.49	12	810	22	6.49	5	181	0.2	170	10	20	30
JM RC-46-07	248	250	110651	EXT	0.058	0.5	5.99	5	160	0.8	2	0.14	1.2	19	17	601	8.99	2.4	0.36	42	13	0.41	14	1140	14	6.02	5	302	0.19	188	10	24	30
JM RC-46-07	250	252	110652	EXT	0.087	0.5	6.94	25	80	0.6	2	0.06	0.8	39	16	1470	6.39	2.8	0.19	44	29	0.41	16	980	35	6.38	5	150	0.14	157	10	30	30
JM RC-46-07	252	254	110653	EXT	0.096	0.5	9.11	5	120	1.3	2	0.1	0.8	16	16	1080	4.84	2.73	0.32	43	21	0.45	12	1000	11	4.29	5	109	0.23	158	10	38	10
JM RC-46-07	254	256	110654	EXT	0.065	0.5	9.09	5	150	1.2	2	0.11	0.5	16	14	1970	5.49	2.53	0.32	43	34	0.48	11	1020	13	4.68	5	106	0.21	152	10	39	10
JM RC-46-07	256	258	110655	EXT	0.065	0.5	9.14	5	250	1.1	2	0.11	0.6	21	15	1700	5.57	2.52	0.3	52	39	0.47	14	1050	12	4.58	5	115	0.25	156	10	39	10
JM RC-46-07	258	260	110656	EXT	0.054	0.7	9.47	6	360	1.2	2	0.13	0.8	18	14	1880	4.66	2.23	0.76	61	33	0.56	15	1060	8	3.03	5	105	0.25	162	10	75	10
JM RC-46-07	260	262	110657	EXT	0.127	0.5	9.16	39	230	1.2	2	0.13	2.1	22	14	1300	5.4	2.56	0.31	39	44	0.46	14	1130	12	5.17	5	146	0.21	158	10	30	10
JM RC-46-07	262	264	110658	EXT	0.117	0.5	9.6	18	190	1.4	2	0.12	0.9	22	14	1240	5.66	2.14	0.29	37	36	0.8	11	1060	8	5.04	5	92	0.23	152	10	30	10
JM RC-46-07	264	266	110659	EXT	0.072	0.5	8.36	17	200	1.3	2	0.12	0.9	20	16	904	5.53	2.14	0.37	57	24	0.58	13	1040	14	4.42	5	118	0.2	146	10	30	10
JM RC-46-07	266	268	110660	EXT	0.072	0.5	8.66	30	230	1.3	2	0.12	0.5	20	16	1040	5.15	2.14	0.35	57	38	0.56	15	1060	6	4.54	5	124	0.19	144	10	28	10
JM RC-46-07	268	270	110661	EXT	0.075	0.9	8.97	91	130	1.2	2	0.15	2.5	22	17	1030	5.11	2.35	0.34	68	26	0.46	11	1200	15	6	5	136	0.21	156	10	28	10
JM RC-46-07	270	272	110662	EXT	0.08	0.7	8.81	23	110	1.6	2	0.25	0.5	28	18	910	5.64	2.34	0.4	62	57	0.38	13	1070	42	6.95	5	291	0.25	172	10	38	10
JM RC-46-07	272	274	110663	EXT	0.083	0.5	9.23	5	80	1.6	2	0.17	0.5	33	15	697	5.88	2.61	0.56	98	22	0.44	16	1350	6	5.72	5	152	0.19	198	10	46	10
JM RC-46-07	274	276	110664	EXT	0.062	0.5	8.79	5	250	1.3	2	0.17	1.2	25	14	1160	5.38	2.06	0.72	79	48	0.49	15	1310	16	4.11	5	148	0.21	179	10	50	10
JM RC-46-07	276	278	110665	EXT	0.057	0.5	8.05	5	880	1.2	2	0.17	0.5	19	17	801	5.28	2.54	0.9	79	25	0.5	15	830	14	3.63	5	138	0.23	152	10	88	10
JM RC-46-07	278	280	110666	EXT	0.054	0.6	9.63	6	180	1	2	0.14	0.5	16	15	988	4.99	2.5	1.13	84	27	0.44	15	1070	9	3.86	5	143	0.18	147	10	58	10
JM RC-46-07	280	282	110667	EXT	0.054	0.5	8.97	5	140	1.2	2	0.11	0.5	22	13	913	5.18	2.2	0.61	86	36	0.46	16	1000	9	4.55	5	111	0.17	144	10	58	10
JM RC-46-07	282	284	110668	EXT	0.058	0.5	8.7	6	140	1	2	0.1	0.5	29	14	745	5.67	2.42	0.65	91	19	0.48	15	930	10	5.02	5	109	0.17	147	10	46	10
JM RC-46-07	284	286	110669	EXT	0.088	0.5	9.59	5	110	1.2	2	0.1	0.5	23	14	713	5.33	2.39	0.59	56	39	0.43	14	940	11	5.02	5	134	0.15	145	10	40	10
JM RC-46-07	286	288	110670	ORG	0.372	0.5	9.53	4	160	1.3	2	0.08	0.5	24	14	884	4.73	2.64	0.41	41	73	0.36	14	980	11	4.37	5	112	0.18	145	10	38	10
JM RC-46-07	288	290	110672	EXT	0.086	0.7	9.22	62	100	0.8	2	0.1	0.1	21	15	888	5.17	2.44	0.33	47	20	0.4	10	1040	15	5.19	5	162	0.15	145	10	28	40
JM RC-46-07	290	292	110673	EXT	0.086	0.5	8.69	34	120	1.1	2	0.13	0.9	16	14	1800	5.01	2.24	0.47	40	23	0.41	4	1070	13	5.11	5	170	0.17	137	10	21	30
JM RC-46-07	292	294	110674	EXT	0.074	0.5	7.41	37	100	0.6	2	0.07	0.5	14	7	1750	5.96	2.22	0.17	48	22	0.26	5	870	12	4.32	5	131	0.1	76	10	10	30
JM RC-46-07	294	296	110675	EXT	0.104	0.5	9.46	42	80	1	2	0.09	0.5	24	22	3450	5.29	2	0.19	45	73	0.31	30	980	17	5.47	5	180	0.09	80	10	13	30
JM RC-46-07	296	298	110676	EXT	0.09	0.5	9.98	62	350	1.8	2	0.12	0.5	30	24	1380	3.2	2.18	0.35	36	35	0.3	40	1270	11	3.11	5	340	0.19	113	10	18	10
JM RC-46-07	298	300	110677	EXT	0.079	0.5	8.74	91	170	1.7	2	0.09	0.5	16	19	1460	4.17	2.11	0.11	82	26	0.29	19	1130	20	4.48	5	277	0.15	84	10	14	10
JM RC-46-07	300	302	110678	EXT	0.058	0.4	8.43	45	140	0.6	2	0.06	0.7	13	9	1380	3.2

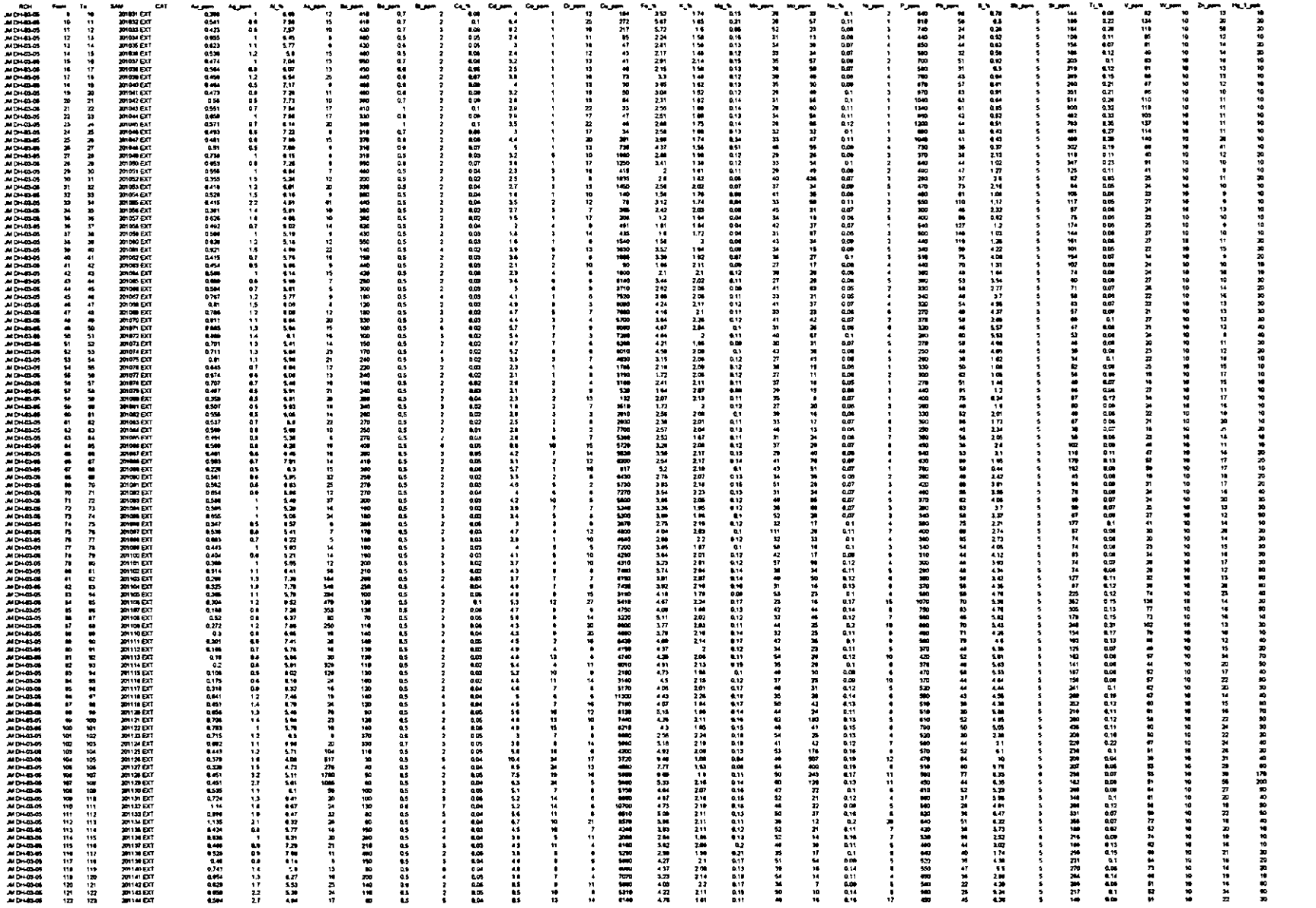


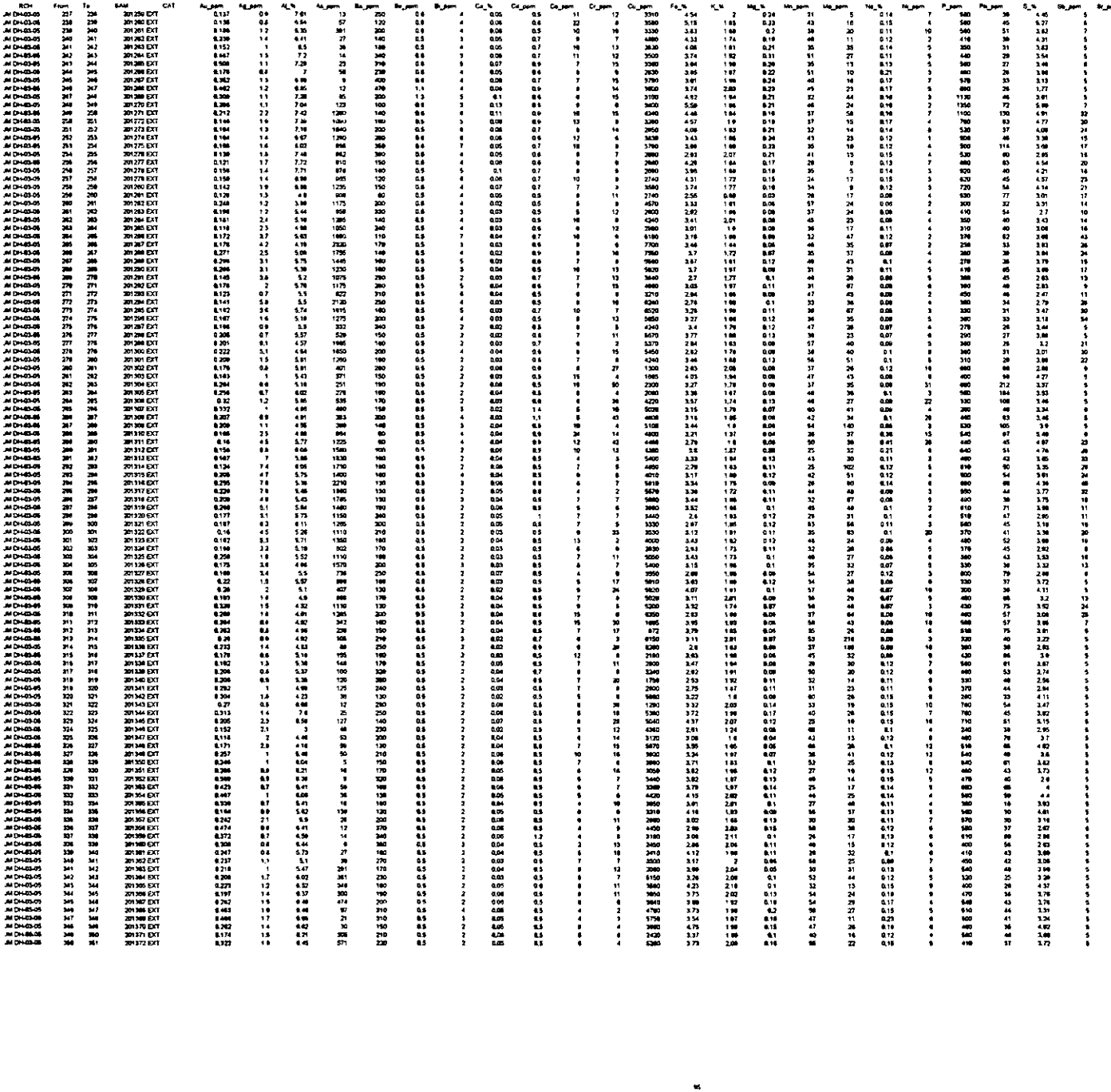


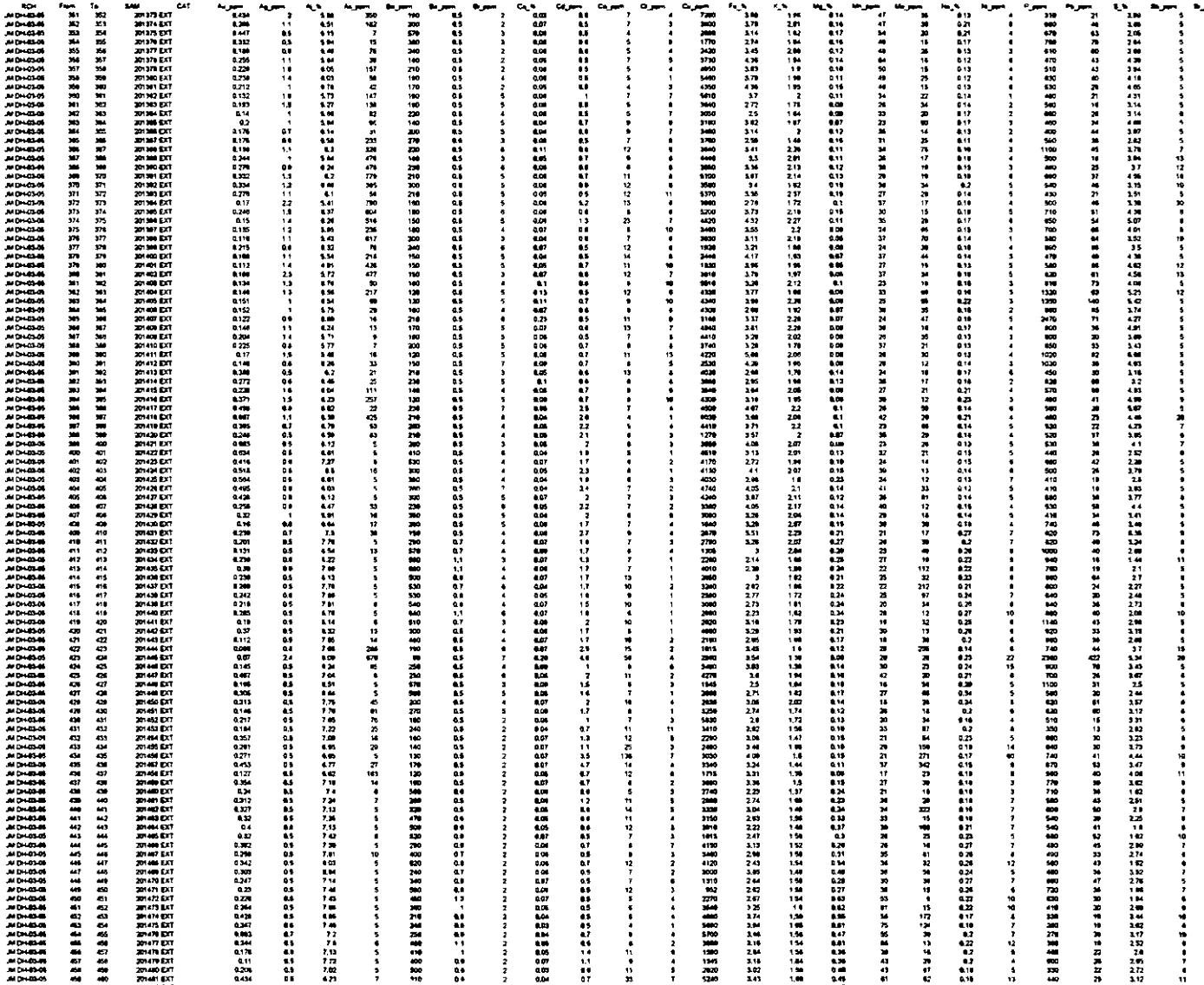


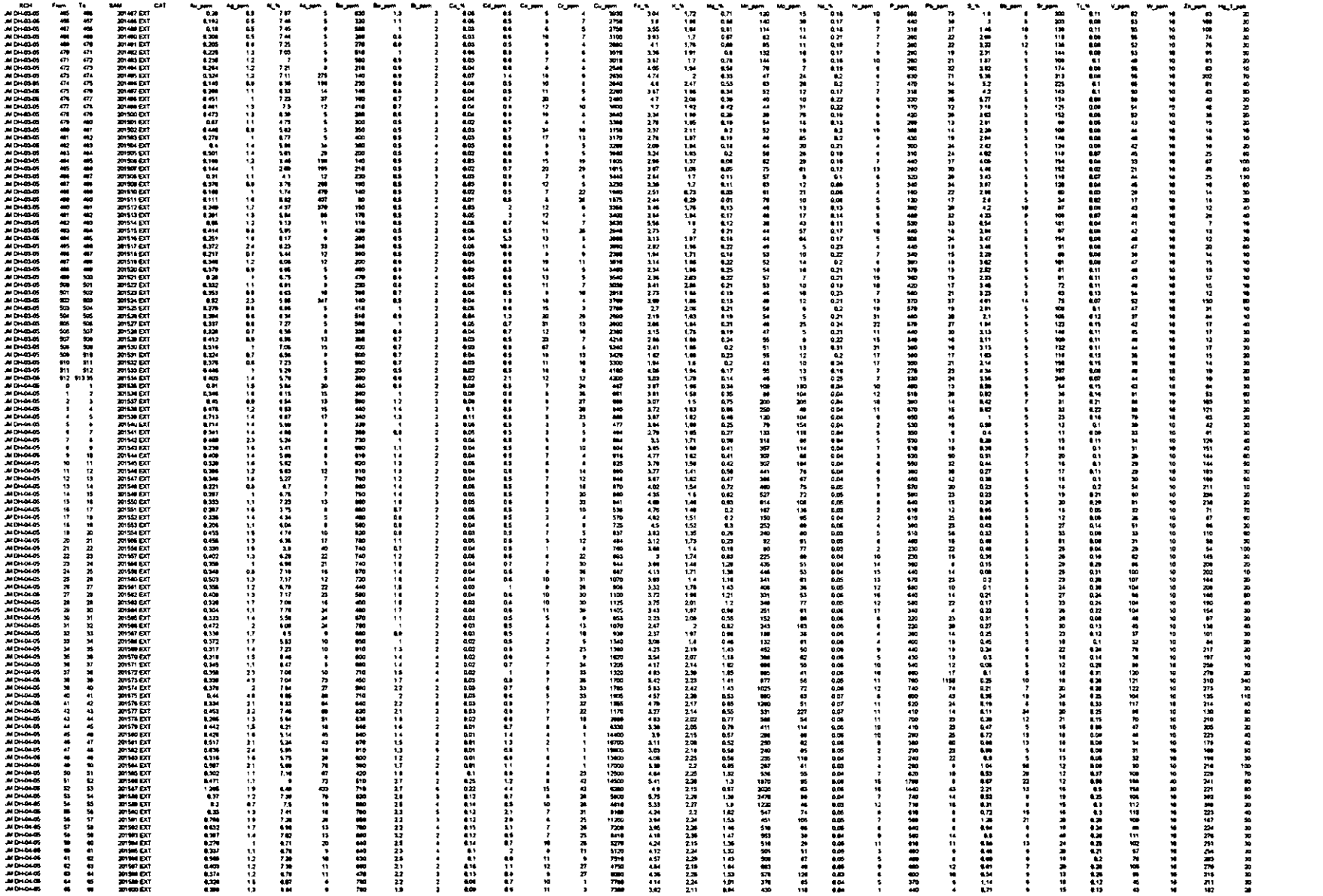


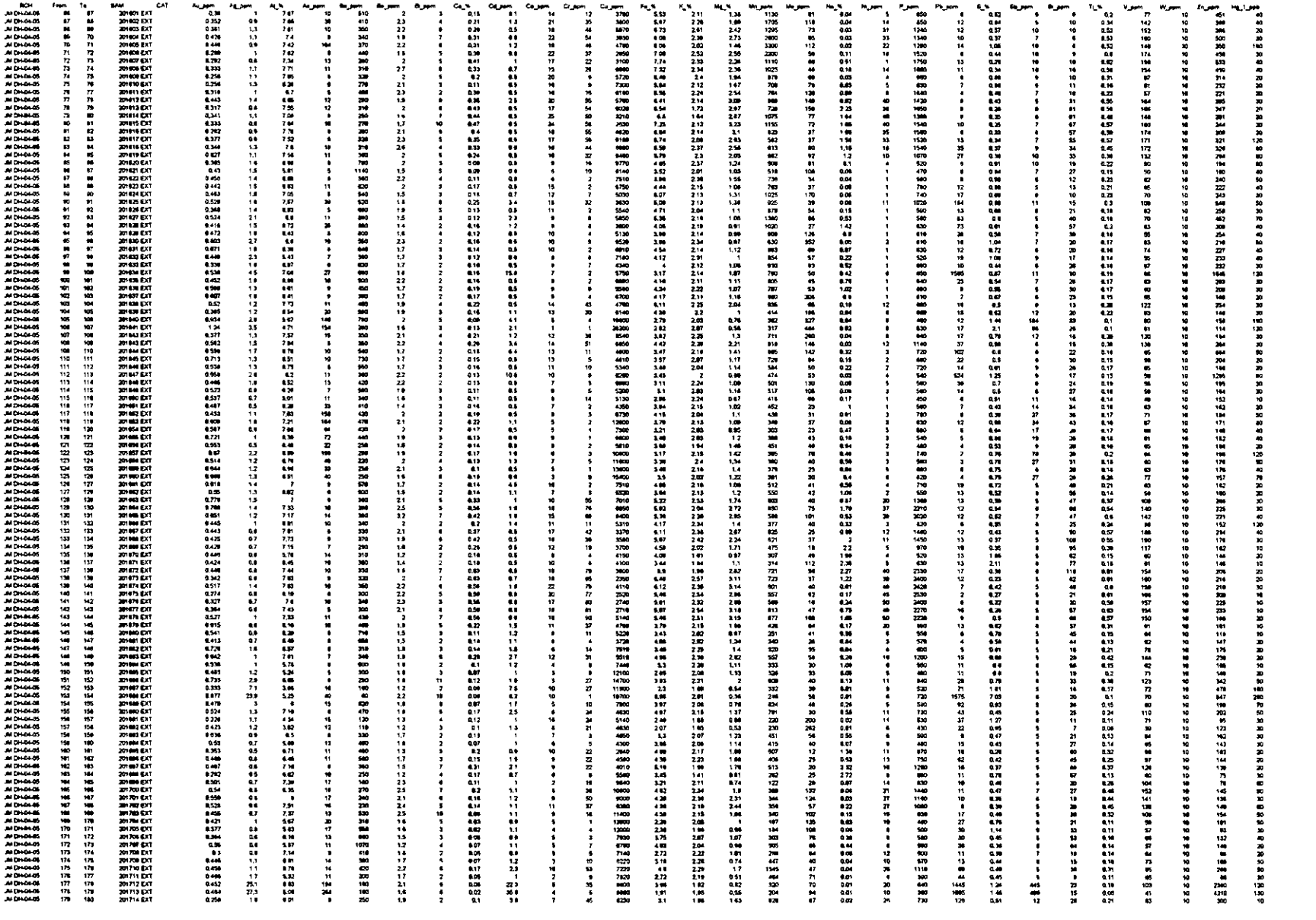
RCH	From	To	SAM	CAT	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	K_%	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Ti_%	V_ppm	W_ppm	Zn_ppm	Hg_f_ppb
JM DH-03-05	262	263	200903	EXT	0.018	0.5	8.16	10	600	2.5	9	0.46	0.5	8	4	229	3.36	1.34	1.25	1070	3	1.6	10	970	26	0.35	5	24	0.17	99	10	279	10
JM DH-03-05	263	264	200904	EXT	0.011	0.5	8.01	6	570	2.6	8	0.39	0.7	10	3	196	4.18	0.8	1.04	862	1	1.81	12	750	21	0.51	5	27.4	0.14	84	10	329	10
JM DH-03-05	264	265	200905	EXT	0.01	0.5	7.59	10	570	2.8	5	0.5	0.8	13	5	135	4.87	0.72	0.91	853	1	1.65	15	880	17	0.41	5	23	0.14	90	10	328	10
JM DH-03-05	265	266	200906	EXT	0.007	0.5	8.11	8	548	2.2	7	0.32	0.6	16	3	169	4.14	0.84	1.13	1060	1	1.34	11	778	16	1.16	5	151	0.13	84	10	354	10
JM DH-03-05	266	267	200907	EXT	0.015	0.5	8.17	6	578	2.1	6	0.33	2.4	35	3	162	3.76	1.16	1.12	1300	11	1.62	17	870	265	0.66	5	165	0.11	56	10	516	10
JM DH-03-05	267	268	200908	EXT	0.009	0.5	7.51	5	548	2.3	4	0.29	1.1	13	3	143	5.23	0.62	0.98	866	15	0.96	19	1068	23	1.6	5	43	0.1	54	10	231	10
JM DH-03-05	268	269	200909	EXT	0.024	1	7.4	26	440	2.4	4	0.39	1.7	4	3	429	2.98	0.93	0.62	810	4	0.25	7	528	11	2.48	19	37	0.09	36	10	305	10
JM DH-03-05	269	270	200910	EXT	0.014	0.5	9.43	6	514	2	6	0.22	1.4	14	3	213	5.29	1.22	0.96	1000	2	0.99	16	780	179	1.01	5	112	0.12	97	10	337	10
JM DH-03-05	270	271	200911	EXT	0.019	0.5	7.91	9	528	2.1	5	0.77	0.5	16	3	481	3.2	1.12	0.97	695	3	1.31	10	780	31	0.96	5	135	0.12	74	10	268	10
JM DH-03-05	271	272	200912	EXT	0.01	0.5	7.65	5	660	2.9	6	0.53	0.9	14	3	520	9.21	0.65	1.08	575	6	1.22	12	740	62	0.77	5	162	0.12	82	10	253	10
JM DH-03-05	272	273	200913	EXT	0.024	0.5	7.79	5	660	2	6	0.34	0.7	12	3	341	3.74	0.84	0.88	695	10	0.91	8	880	14	1.6	5	105	0.13	64	10	177	10
JM DH-03-05	273	274	200914	EXT	0.078	0.5	8.78	5	398	2.2	5	0.26	0.5	6	4	997	3.13	1.24	0.67	175	97	0.15	4	360	2	2.63	5	36	0.08	46	10	45	10
JM DH-03-05	274	275	200915	EXT	0.091	0.5	6.57	8	370	2.8	7	0.12	0.8	8	3	1036	3.42	1.22	0.88	304	23	0.14	9	540	2	7.46	5	23	0.07	4	10	105	10
JM DH-03-05	275	276	200916	EXT	0.167	0.5	9.06	8	700	4.1	9	0.18	0.7	15	2	2740	4.5	1.38	0.82	466	22	0.14	20	1080	2	3.1	5	27	0.07	49	10	135	10
JM DH-03-05	276	277	200917	EXT	0.124	1.1	7.27	7	480	3	7	0.1	0.6	17	3	1705	4.08	0.98	1.16	1030	7	0.21	14	660	4	0.75	5	67	0.08	58	10	125	10
JM DH-03-05	277	278	200918	EXT	0.191	0.9	8.46	7	440	1.7	5	0.14	1	8	2	1800	3.56	0.89	1.11	908	14	0.32	8	480	4	1.11	5	46	0.09	42	10	229	10
JM DH-03-05	278	279	200919	EXT	0.043	0.5	7.64	11	600	2.4	8	0.08	0.8	16	3	535	3.9	0.86	1.02	845	78	0.62	8	630	23	1.56	5	161	0.14	90	10	219	10
JM DH-03-05	279	280	200920	EXT	0.064	0.5	8.72	44	740	2.6	6	0.12	0.7	15	3	1106	5.05	1.49	1.42	1175	4	1.74	9	840	127	3.46	5	204	0.07	57	10	208	10
JM DH-03-05	280	281	200921	EXT	0.048	0.5	7.99	8	580	2.6	5	0.72	0.9	13	2	643	3.58	1.26	1.16	882	6	0.44	15	760	24	1.72	5	98	0.11	56	10	477	10
JM DH-03-05	281	282	200922	EXT	0.022	0.5	7.24	5	440	4.1	6	0.32	0.7	12	2	488	3.55	0.81	1.25	1005	5	0.76	17	770	44	0.7	5	116	0.15	56	10	731	10
JM DH-03-05	282	283	200923	EXT	0.021	0.5	7.79	7	518	3.7	7	0.51	0.8	13	3	410	3.63	0.76	1.16	991	5	1.26	19	1330	19	0.74	5	162	0.14	62	10	686	10
JM DH-03-05	283	284	200924	EXT	0.02	0.5	7.9	7	560	2.9	6	0.79	0.7	11	3	295	3.89	1.39	1.04	1170	4	1.77	8	910	19	0.19	5	256	0.13	54	10	277	10
JM DH-03-05	284	285	200925	EXT	0.018	0.5	8.1	8	680	2.8	6	0.56	0.7	11	3	307	5.49	1.79	1.1	1080	120	1.32	10	980	17	0.62	5	203	0.12	89	10	371	10
JM DH-03-05	285	286	200926	EXT	0.015	0.5	7.62	8	630	3	8	0.6	0.8	12	2	291	3.37	0.82	1.08	1005	11	0.95	13	1080	16	1	5	146	0.07	52	10	371	10
JM DH-03-05	286	287	200927	EXT	0.017	0.5	7.53	9	660	2.9	6	0.62	0.5	10	3	332	3.48	1.26	0.89	1150	3	1.42	10	910	11	0.56	5	234	0.12	57	10	301	10
JM DH-03-05	287	288	200928	EXT	0.019	0.5	8	5	660	2.9	5	1.04	0.6	9	3	343	3.23	0.92	0.98	1175	4	1.74	9	780	32	0.55	5	202	0.12	54	10	231	10
JM DH-03-05	288	289	200929	EXT	0.048	0.5	8.07	14	660	2.7	7	0.63	0.5	9	3	673	3.41	0.85	0.97	885	5	1.52	9	780	5	1.91	5	215	0.1	56	10	712	10
JM DH-03-05	289	290	200930	EXT	0.045	0.5	8.06	7	660	2.6	7	0.75	0.6	9	3	718	3.1	0.91	1	837	6	1.42	8	830	13	0.65	5	206	0.11	56	10	239	10
JM DH-03-05	290	291	200931	EXT	0.019	0.5	8.21	5	610	2.3	5	1.36	0.6	8	3	492	3.29	1.13	1.03	1060	6	1.66	8	730	66	0.79	5	184	0.13	64	10	316	10
JM DH-03-05	291	292	200932	EXT	0.015	0.5	4.1	5	460	2.6	5	0.75	0.5	8	3	267	5.32	0.64	1.22	1240	4	1.34	9	470	17	0.57	5	347	0.12	57	10	252	10
JM DH-03-05	292	293	200933	EXT	0.075	0.5	8.11	5	660	2.4	6	0.76	2.4	8	3	317	3.45	0.79	1.02	1070	4	1.14	9	840	20	0.63	5	211	0.13	65	10	378	10
JM DH-03-05	293	294	200934	EXT	0.084	1	9.79	5	870	2.2	5	0.53	1.1	8	3	1700	3.66	1.56	0.96	1030	5	0.66	5	880	9	0.63	5	158	0.13	78	10	273	10
JM DH-03-05	294	295	200935	EXT	0.031	0.5	7.62	11	660	2.5	5	0.39	0.7	8	3	751	3.64	1.09	1.48	1295	5	0.95	12	910	12	0.43	5	144	0.13	70	10	304	10
JM DH-03-05	295	296	200936	EXT	0.047	1.6	8.98	9	770	2.9	5	0.58	0.8	8	3	1220	3.51	1.11	1.42	1005	24	0.89	10	870	18	1.18	5	113	0.11	62	10	276	10
JM DH-03-05	296	297	200937	EXT	0.074	2.6	4.3	18	890	2.4	5	0.67	0.5	10	3	915	3.49	1.04	1.14	671	20	0.46	8	660	28	2.13	5	116	0.11	56	10	171	10
JM DH-03-05	297	298	200938	EXT	0.054	2.2	8.66	22	910	2.4	6	0.48	0.8	16	2	729	3.77	1.25	0.98	903	14	0.95	7	930	364	3.98	5	133	0.11	60	10	329	20
JM DH-03-05	298	299	200939	EXT	0.017	0.4	8.67	5	670	2.4	4	0.54	0.5	14	3	370	3.54	1.25	1.18	891	4	1.17	8	680	32	1.29	5	199	0.11	60	10	208	10
JM DH-03-05	299	300	200940	EXT	0.012	0.5	9.85	7	630	2.8	5	0.57	0.7	13	3	345	3.5	1.43	1.32	802	10	0.72	8	620	21	1.45	5	165	0.09	52	10	254	10
JM DH-03-05	300	301	200941	EXT	0.033	0.5	9.32	5	660	2.3	6	0.75	1.2	8	4	355	3.45	1.1	1.04	842	4	1.7	8	680	17	0.7	5	202	0.1	57	10	187	10
JM DH-03-05	301	302	200942	EXT	0.042	0.6	8.4	12	700	2.1	6	0.84	1.4	8	4	697	3.3	1.34	0.97	1035	4	1.77	8	630	64	0.97	5	203	0.1	57	10	179	10
JM DH-03-05	302	303	200943	EXT	0.031	0.5	8.2	12	688	1.9	5	1.38	1.4	8	4	530	2.79	1.03	0.8	816	29	1.46	8	740	46	0.77	5	249	0.11	54	10	179	10
JM DH-03-05	303	304	200944	EXT	0.026	0.5	7.95	5	650	1.7	6	1.03	0.8	5	2	424	2.98	0.87	0.98	941	6	1.65	8	640	6	0.48	5	163	0.12	54	10	82	10
JM DH-03-05	304	305	200945	EXT	0.019	0.5	8.43	10	668	1.7	6	1.2	0.5	6	4	279	3.21	0.84	1.02	819	3	2.03	8	680	15	0.69	5	140	0.13	56	10	82	10
JM DH-03-05	305	306	200946	EXT	0.021	0.5	8.47	8	698	1.8	7	0.82	0.5	6	4	318	3.5	0.87	1.14	1208	72	1.46	8	790	7	0.52	5	203	0.11	61	10	84	10
JM DH-03-05	306	307	200947	EXT	0.044	0.5	8.52	5	760	2.2	7	0.67	0.5	7	3	991	3.94	1.19	1.29	873	4	1.95	7	780	11	0.88	5	144	0.12	62	10	116	10
JM DH-03-05	307	308	200948	EXT	0.032	0.5	8.29	6	750	2.2	7	0.67	0.5	7	3	744	3.09	1.14	1.01	1165	5	1.36	7	760	11	0.68	5	211	0.11	60	10	116	10
JM DH-03-05	308	309	200949	EXT	0.029	0.5	8.08	5	730	2.2	7	0.64	0.5	7	3	488	2.75	0.93	0.98	984	7	1.46	7	740	4	0.78	5	187	0.09	52	10	112	10
JM DH-03-05	309	310	200950	EXT	0.027	0.5	7.77	5	720	2.1	7	0.91	0.5	6	3	557	2.82	0.94	0.87	913	5	1.7	6	660	29	0.61	5	274	0.1	54	10	104	10
JM DH-03-05	310	311	200951	EXT	0.043	0.5	7.95	13	720	2.2	6	0.68	0.5	6	3	637	2.84	0.94	0.91	799	9	1.57	7	700	5	0.48	5	234	0.1	54	10	104	10
JM DH-03-05	311	312	200952	EXT	0.041	0.5	8.09	7	660	2.7	6	0.49	0.9	6	3	653	2.67	0.97	1.16	1156	10	1.57	13	700	43	0.52	5	182	0.1	56	10	112	10
JM DH-03-05	312	313	200953	EXT	0.028	0.5	8.21	15	740	2.8	7	0.58	0.9	10	5	538	3.58	0.77	1.1	894	6	1.2	9	760	3	0.63	5	158	0.11	58	10	208	20
JM DH-03-05	313	314	200954	EXT	0.025	0.5	7.62	6	710	2.6	5	1.07	0.5	6	2	391	2.99	0.79	1	1100	24	1.78	9	760	18	0.2	5	157	0.13	60	10	187	20
JM DH-03-05	314	315	200955	EXT	0.037	0.5	7.82	6	670	2.8	6	0.81	0.6	7	2	915	3.5	1.39	1.04	1330	30	1.66	7	780	23	0.2	5	250	0.11	58	10	297	10
JM DH-03-05	315	316	200956	EXT	0.043	0.4	7.99	6	660	2.4	5	0.95	2.1	7	2	1605	3.4	1.11	0.93	1130	32	1.42	6	1080	49	0.58	5	163	0.13	54	10	512	20
JM DH-03-05	316	317	200957	EXT	0.103	1.1	7.58	11	700	1.6	4	0.39	0.6	6	2	1940	2.64	1.42	1.1	926	311	1.15	6	740	91	0.45	12	84	0.1	52	10	300	10
JM DH-03-05	317	318	200958	EXT	0.043	1.7	7.9	19	720	2	2	0.58	1.6	5	2	1510	2.44	1.03	1.07	1245	45	1.42	6	710	92	0.4	25	204	0.14	63	10	371	10
JM DH-03-05	318	319	200959	EXT	0.136	7.4	7.97	134	650	2.8	2	0.18	19.4	40	3	1900	4.28	1.27	1	1095	9	0.49	6	630	1660	2.28	413	204	0.15	56	10	1645	220
JM DH-03-05	319	320	200960	EXT	0.023	1.1	9.26	15	660	2	2	0.75	1.6	6	3	418	3.2	1.14	0.87	935	695	1.16	5	740	38	0.88	20	184	0.13	66	10	316	10
JM DH-03-05	320	321	200961	EXT	0.029	0.9	9.1	11	665	2.4	7	0.98	1.3	7	3	629	3.93	1.16	0.96	1130	12	1.41	10	670	25	0.67	11	234	0.13	66	10	406	10
JM DH-03-05	321	322	200962	EXT	0.061	1.7	7.5	15	640	1.8	4	0.32	1.3	5	3	1495	3.54	0.7	0.86	993	17	0.89	7	660	14	0.62	10	99	0.11	53	10	187	10
JM DH-03-05	322	323	200963	EXT	0.02	0.5	8.08	10	660	2.5	7	1.18	0.7	6	4	294	3.74	0.87	0.84	1045	5	1.56	10	780	42	0.38	10	204	0.16	86	10	300	10
JM DH-03-05	323	324	200964	EXT	0.022	0.5	7.51	21	580	2.1	3	1.89	0.6	6	3	257	3.11	0.75	0.77	1035	4	1.66	7	740	66	0.16	10	324	0.15	52	10	252	10
JM DH-03-05	324	325	200965	EXT	0.018	0.5	8.18	17	650	2.6	5	1.28	0.7	7	3	162	3.28	0.83	0.91	1048	16	1.58	8	830	379	0.31	7	306	0.17	74	10	636	10
JM DH-03-05	325	326	200966	EXT	0.014	0.5	8.41	27	650	2.4	5	1.12	2.2	7	3	118	3.46	1.46	0.97	1175	42	2.29	5	900	377	0.15	9	377	0.19	82	10	444	10
JM DH-03-05	326	327	200967	EXT	0.027	0.5	8.26	26	650	2.4	6	1.36	0.6	6	3	126	3.54	0.74	0.82	1085	16	2.31	6	870	84	0.13	8	439	0.17	81	10	360	10
JM DH-03-05	327	328	200968	EXT	0.037	0.5	8.19	4	660	2.3	6	0.73	1.1	6	3	899	3.3	1.08	0.93	998	38	1.56	6	800	26	0.33	7	234	0.14	59	10	275	10
JM DH-03-05	328	329	200969	EXT	0.032	0.5	8.17	4	740	1.7	5	0.32	0.5	6	4	662	3.61	0.84	0.92	892	32	0.95	6	910	31	0.46	5	77	0.11	56	10	275	20
JM DH-03-05	329	330	200970	EXT	0.053	1.1	7.78	44	700	1.6	6	0.21	1.3	6	2	530	3.66	0.67	0.87	884	19	0.53	7	820	364	2.11	20	98	0.09	52	10	336	10
JM DH-03-05	330	331	200971	EXT	0.021	0.5	8.48	22	670	2.2	4	0.17	0.7	7	3	181	3.66	0.89	1.3	954	9	1.25	9	780	16	0.45	5	112	0.15	66	10	150	10
JM DH-03-05	331	332	200972	EXT	0.049	0.7	8.52	19	670	3	4	0.54	0.3	6	3	847	4.26	1.04	1.18	1010	13	1.74	9	1200	49	0.37	24	288	0.19	70	10	1140	20
JM DH-03-05	332	333	200973	EXT	0.038	0.5	7.83	17	670	2.6	4	0.29	0.3	9	2	466	4.46	0.78	1.04	935	5	1.1	9	720	14	0.29	6	118	0.15	60	10	1020	20
JM DH-03-05	333	334	200974	EXT	0.106	0.6	6.12	13	590	4.2	5	0.11	5.8	12	3	404	8.56	1.11	1	560	13	0.29	8	1660	16	2.03	9	97	0.13	86	10	1340	10
JM DH-03-05	334	335	200975	EXT	0.048	0.6	7.94	10	910	3	6	0.42	0.9	6	3	561	4.84	0.99	1.02	780	8	0.1	9	1170	13	1.12	6	22	0.12	86	10	284	10
JM DH-03-05	335	336	200976	EXT	0.068	0.8	8.4	14	680	5.1	6	0.41	0.9	13	2	491	5.89	0.81	0.94	881	14	0.18	8	2730	20	0.87	10	108	0.11	95	10	368	10
JM DH-03-05	336	337	200977	EXT	0.042	0.8	8.4	29	660	1.9	3	0.3	1.7	9	3	747	3.6	0.9	1.12	944	14	1.12	9	920	37	0.59	5	167	0.14	73	10	407	10
JM DH-03-05	337	338	200978	EXT	0.058	1.3	8.88	24	630	1.6	7	0.21	0.9	9	4	845	3.91	0.94	1.7	852	13	1.56	9	930	62	0.46	5	114	0.15	73	10	360	10
JM DH-03-05	338	339	200979	EXT	0.149	3	7.98	45	730	2.8	5	0.34	1.4	9	2	2000	3.37	0.77	1	566	10	1.08	8	840	66	0.87	18	122	0.12	62	10	291	10
JM DH-03-05	339	340	200980	EXT	0.366	4.6	9.11	32	570	2.3	6	0.04	2	14	3	4360	3.71	1.08	0.59	277	21	0.68	8	660	229	1.66	8	98	0.09	46	10	1140	10
JM DH-03-05	340	341	200981	EXT	0.373	12.8	5.85	23	470	2.4	7	1.36	247	6	12	4480	3.66	1.41	0.75	815	14	0.07	6	550	2130	1.99	52	37	0.06	45	10	3620	170
JM DH-03-05	341	342	200982	EXT	0.15	1.2	8.38	21	630	2	4	0.04	2.4	4	3	2030	4.64	0.56	1	887	14	0.09	8	870	82	0.26	5	41	0.11	41	10	263	10
JM DH-03-05	342	343	200983	EXT	0.377	1.3	5.98	11	360	1.6	4	0.04	1.1	8	20	4578	4.99	0.85	1.32	628	22	0.08	7	530	14	0.94	9	22	0.12	53	10	158	10
JM DH-03-05	343	344	200984	EXT	0.376	1.3	5.38	13	340	1.5	4	0.05	1.1	6	9	4138	4.98	0.98	1.09	613	27	0.08	6	540	14	0.56	5	16	0.1	51	10	158	10
JM DH-03-05	344	345	200985	EXT	0.322	1.3	5.57	11	420	1.4	4	0.05	0.8	5	6	3488	5.08	1	0.98	462	12	0.08	7	630	20	0.48	5	27	0.12	54	10	184	10
JM DH-03-05	345	346	200986	EXT	0.376	1.5	4.79	9	360	1.3	5	0.04	0.8	3	7	2980	4.21	0.58	1.08	670	18	0.08	6	420	22	0.41	5	16	0.08	44	10	181	10
JM DH-03-05	346	347	200987	EXT	0.456	1.9	5.9	17	530	1.8	5	0.06	1	4	7	3479	5.93	1.46	0.93	625	19	0.1	8	510	20	1.62	5	18	0.1	54	10	142	10
JM DH-03-05	347	348	200988	EXT	0.29	1	5.3	9	410	1.6	4	0.12	0.6	4	6	2868	5.19	1.24	0.98	517	17	0.06	6	510	10	0.59	5	12	0.09	51	10	229	10
JM DH-03-05	348	349	200989	EXT	0.42	1.4	5.36	8	380	1.5	5	0.05	1.5	4	7	5118	4.79	1.34	0.82	486	18	0.14	6	500	105	0.89	5	20	0.11	51	10	257	10
JM DH-03-05	349	350	200990	EXT	0.443	1.2	4.79	13	370	1.6	7	0.1	1.2	6	7	4980	4.66	1.24	0.72	475	19	0.07	6	370	122	0.64	5	15	0.08	44	10	344	10
JM DH-03-05	350	351	200991	EXT	0.451	0.7	5.73	5	350	1.3	3	0.06	0.9	5	4	1808	3.79	0.73	1.97	886	31	0.87	6	290	21	0.27	5	16	0.1	46	10	223	10
JM DH-03-05	351	352	200992	EXT	0.412	2.4	4.99	10	350	1.6	4	0.1	1.7	4	7	5588	4.68	1.04	0.79	430	30	0.05	5	370	172	0.76	5	37	0.09	51	10	263	10
JM DH-03-05	352	353	200993	EXT	0.321	3.1	5.44	9	420	1.5	4	0.02	1.1	4	4	3540	4.58	0.64	1.02	411	66	0.06	5	370	191	0.51	5	14	0.1	63	10	229	10
JM DH-03-05	353	354	200994	EXT	0.349	3.1	4.88	11	310	1.1	4	0.01	1.1	4	4	3550	3.48	1.36	0.88	316	32	0.07	6	330	357	0.72	5	33	0.08	46	10	182	10
JM DH-03-05	354	355	200995	EXT	0.401	3.1	4.72	7	310	1.2	3	0.02	1.4	5	7	4340	3.14	0.52	0.74	278	132

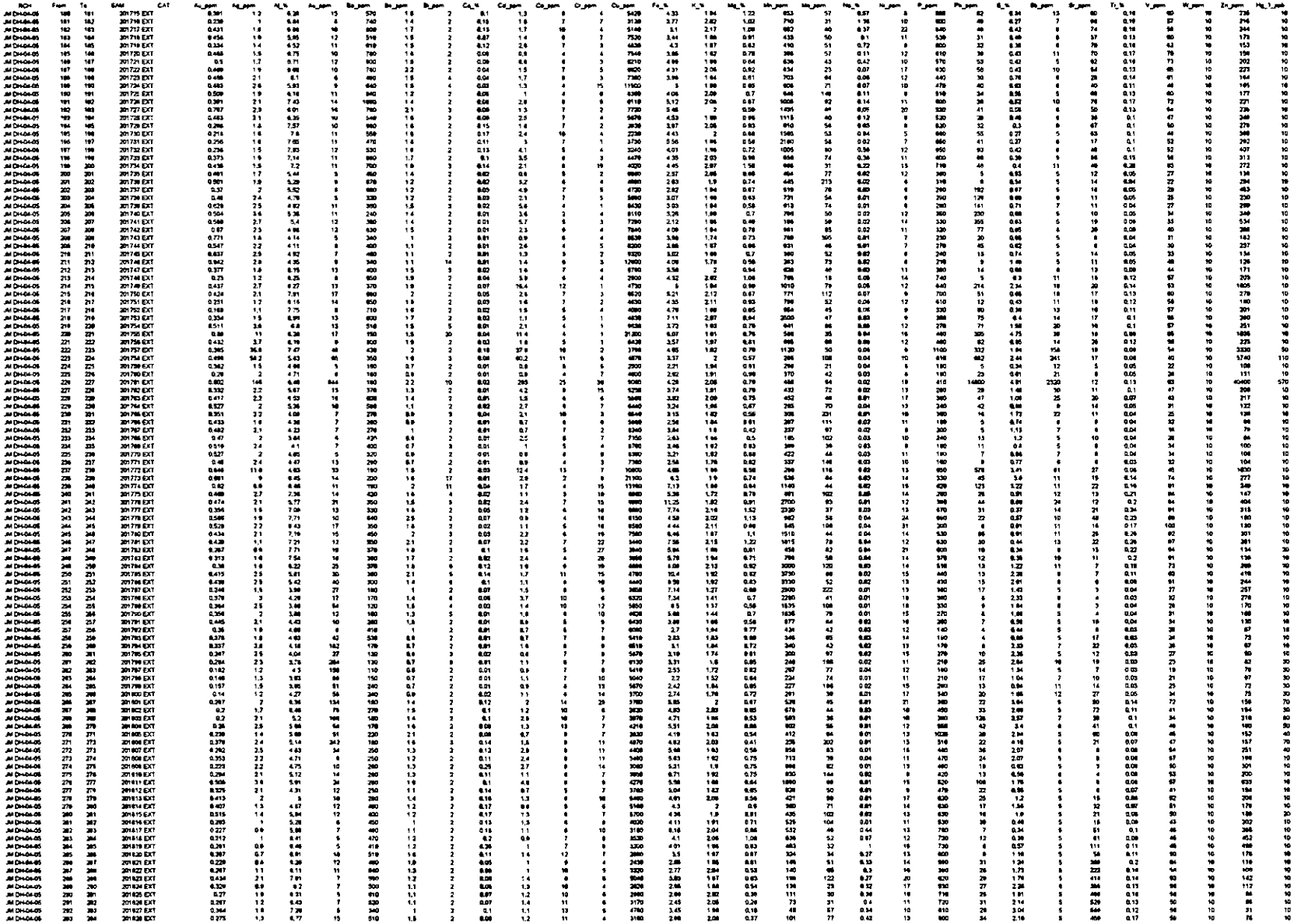


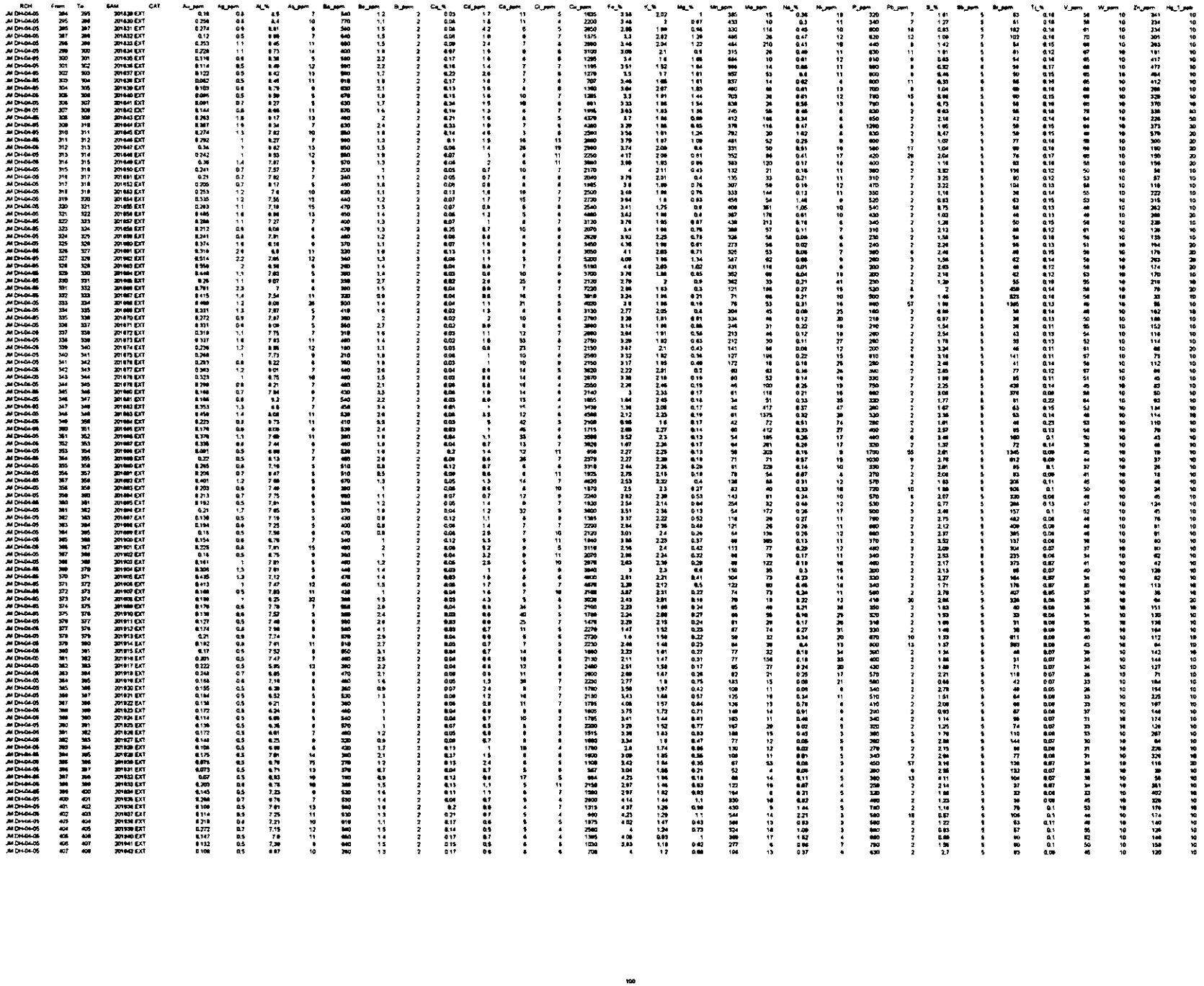


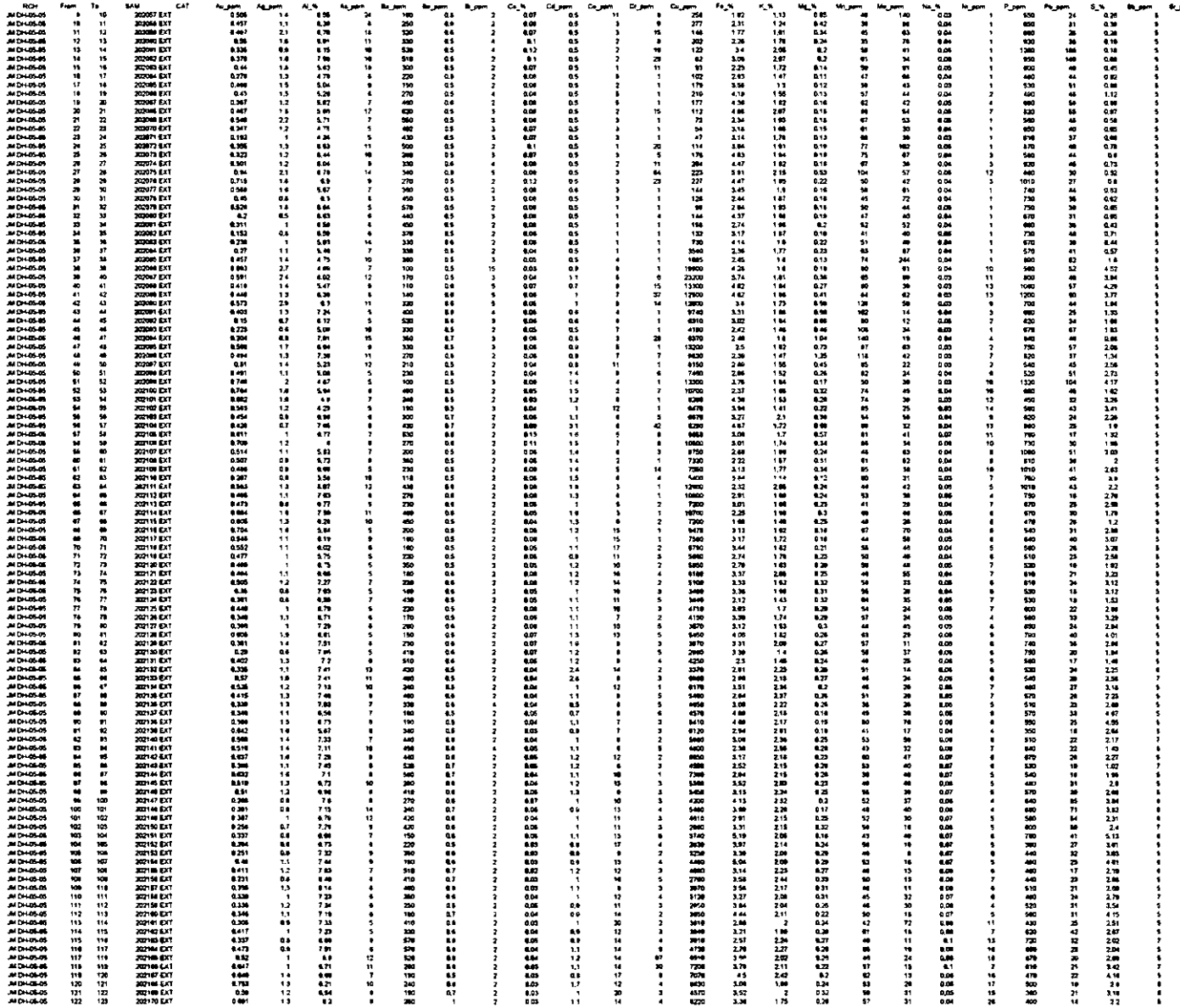


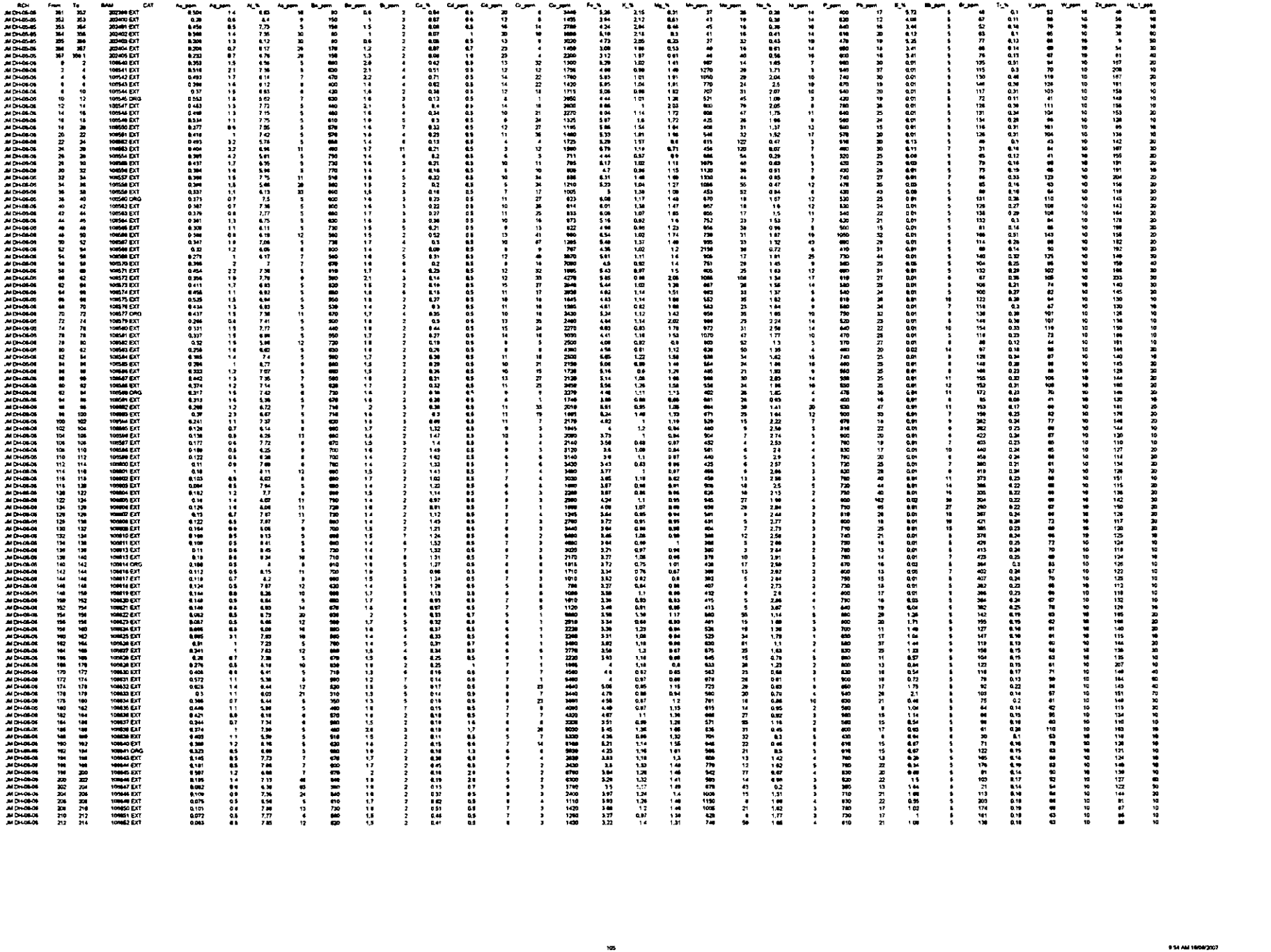


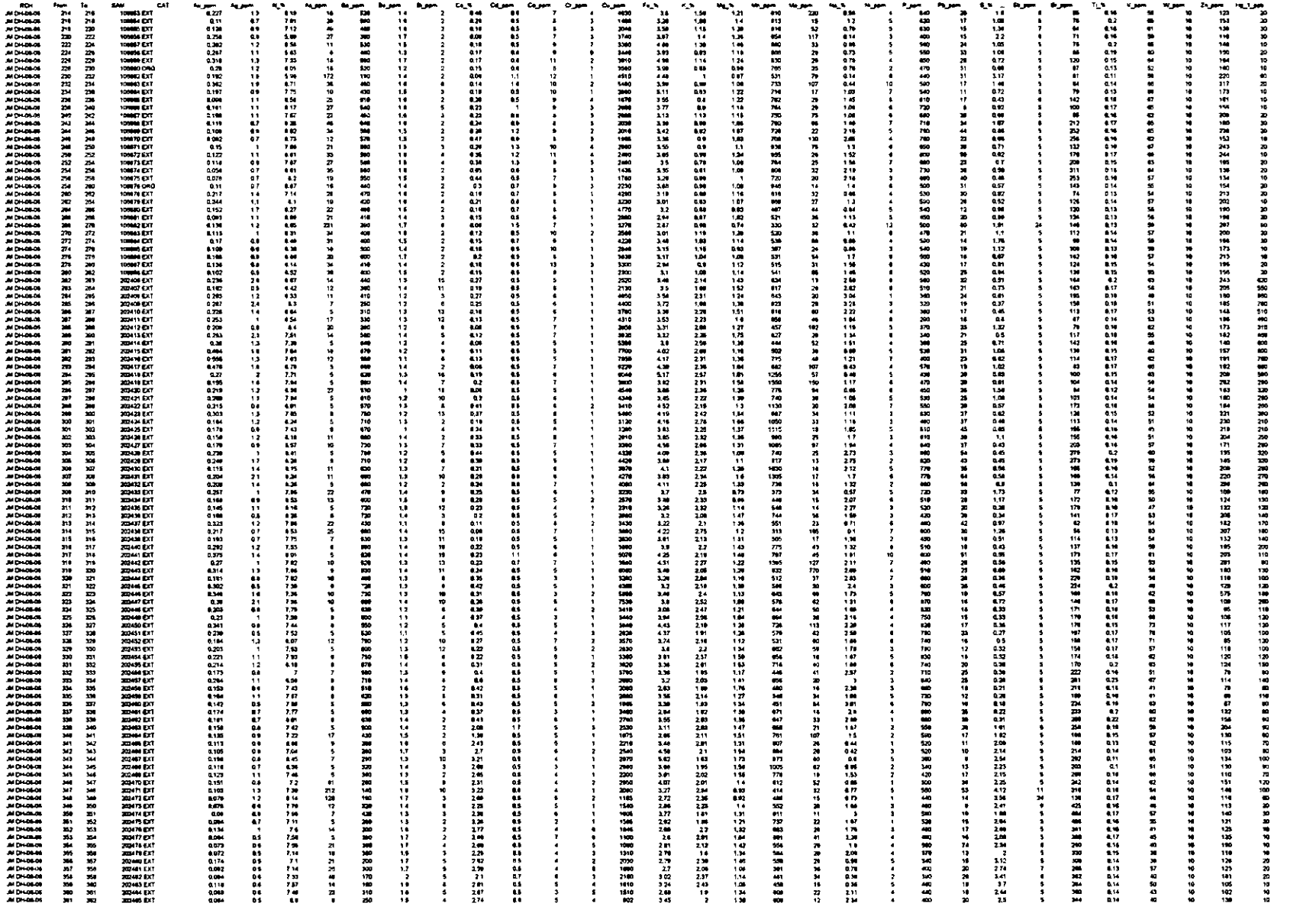


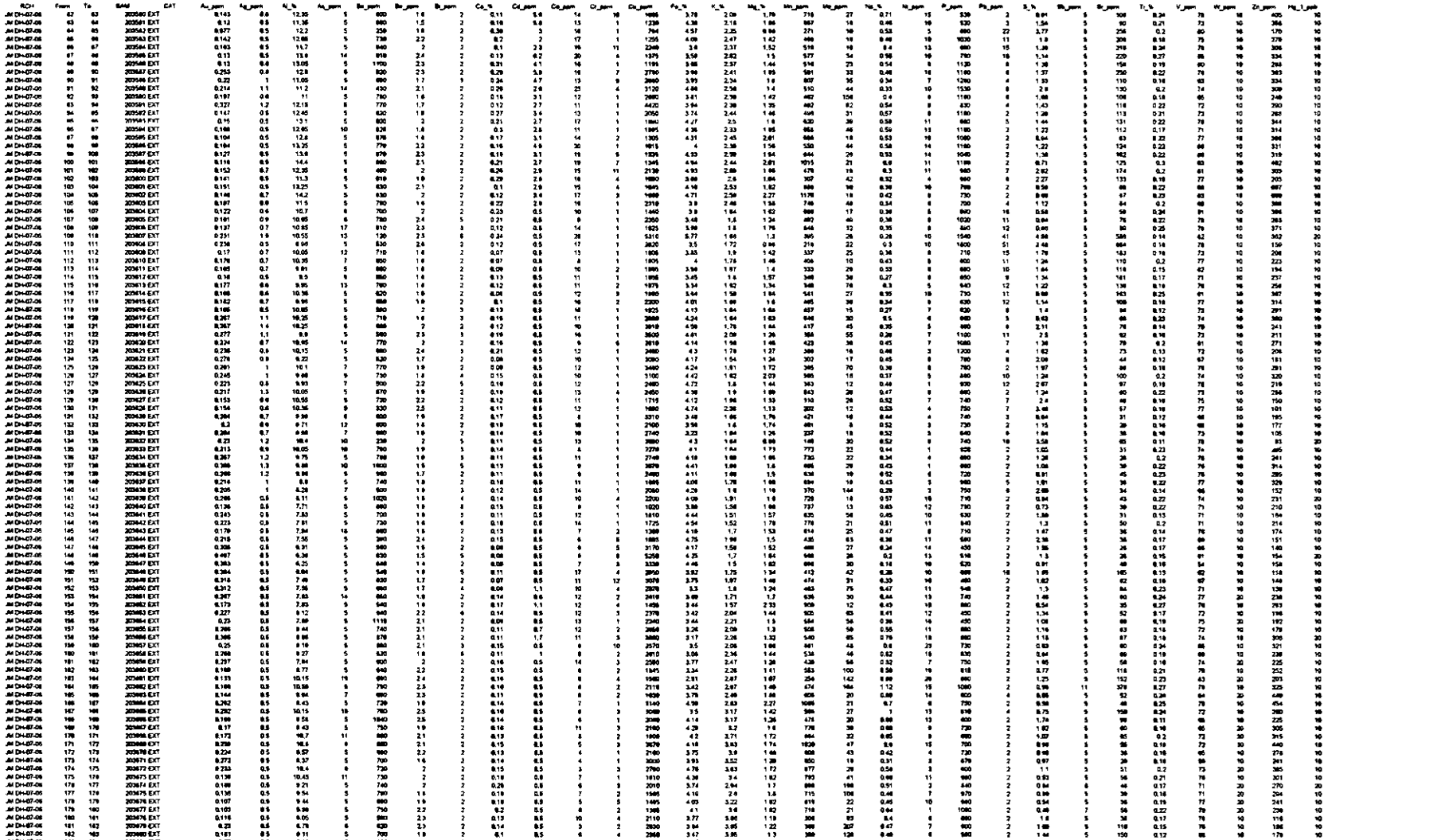


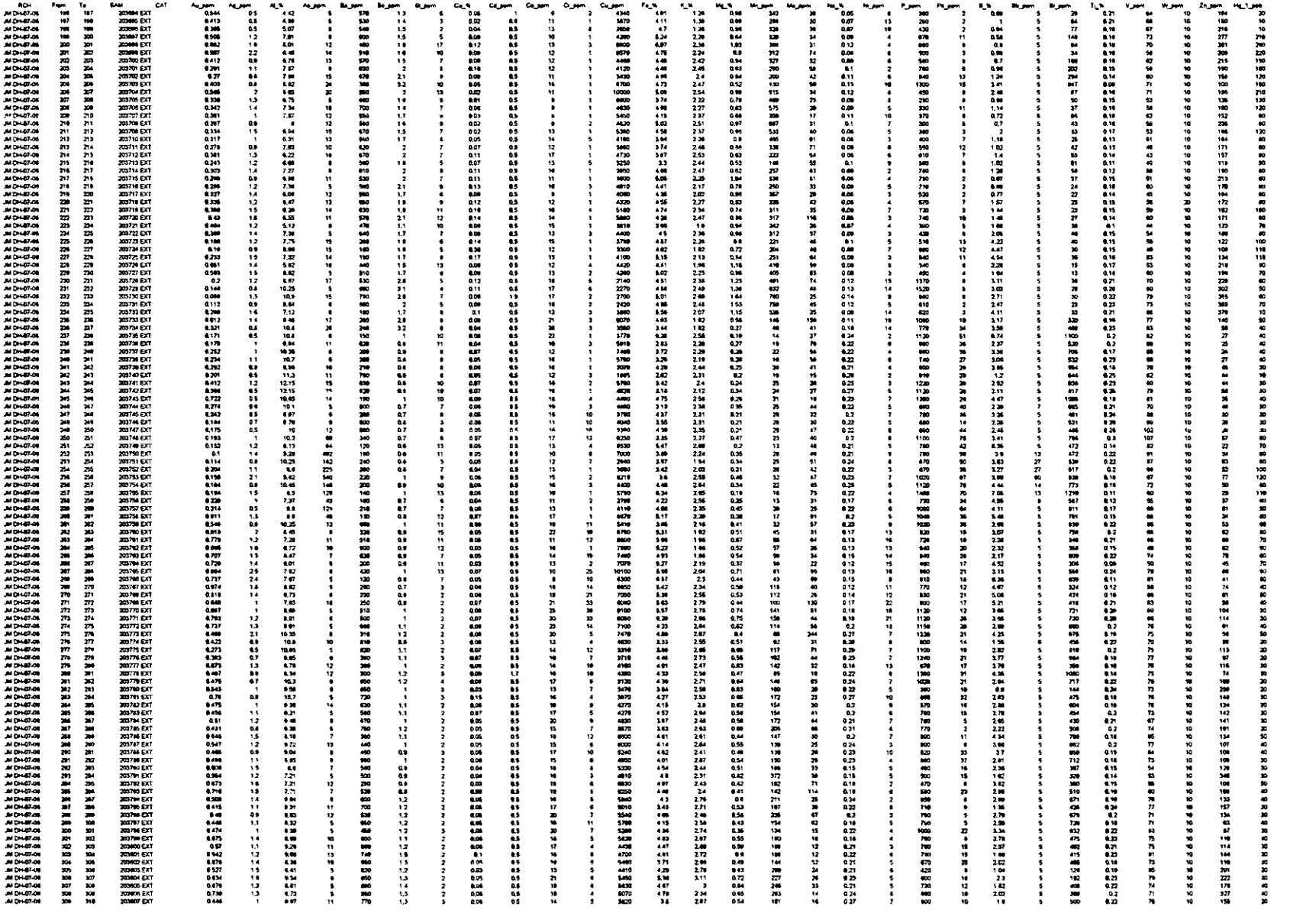


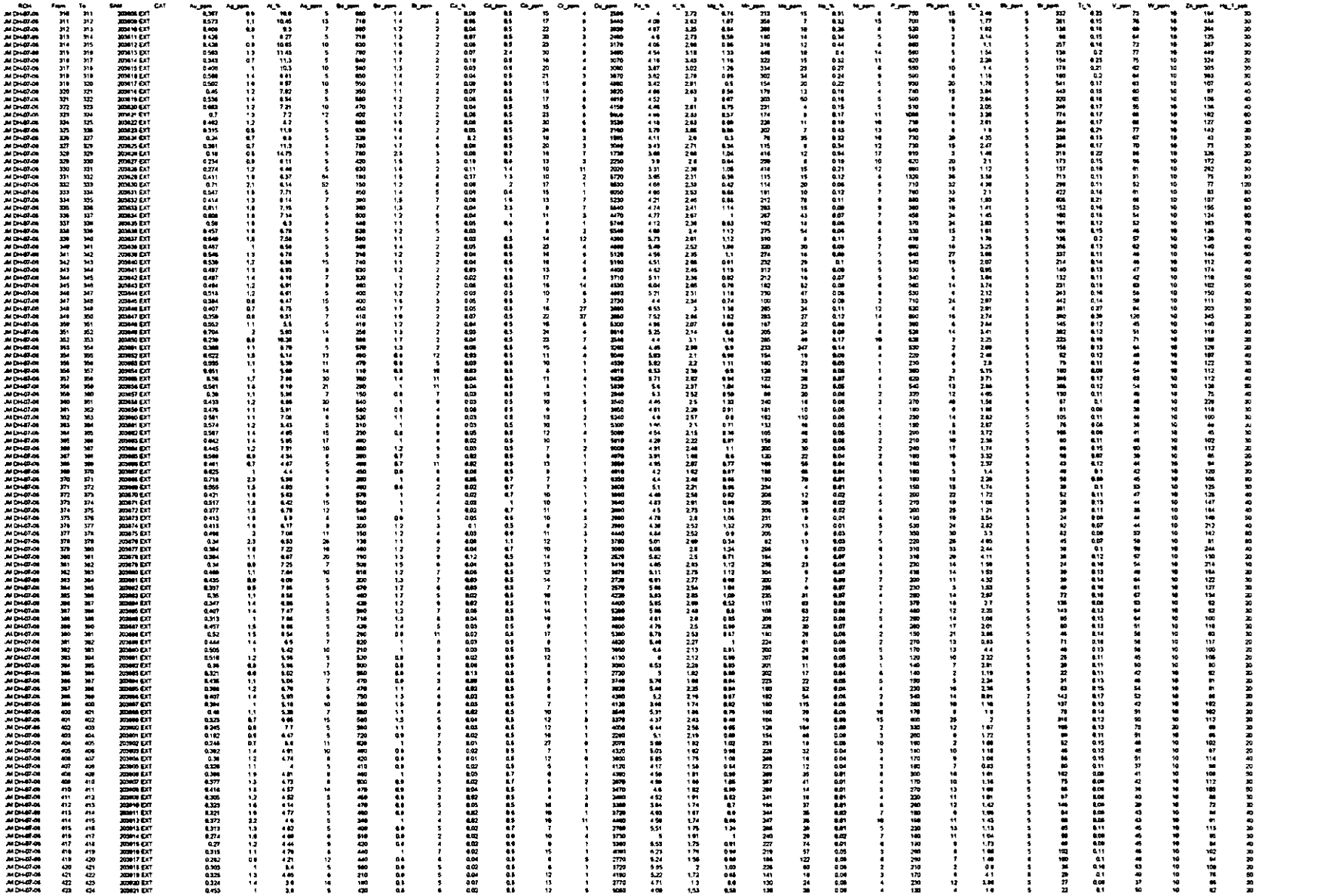


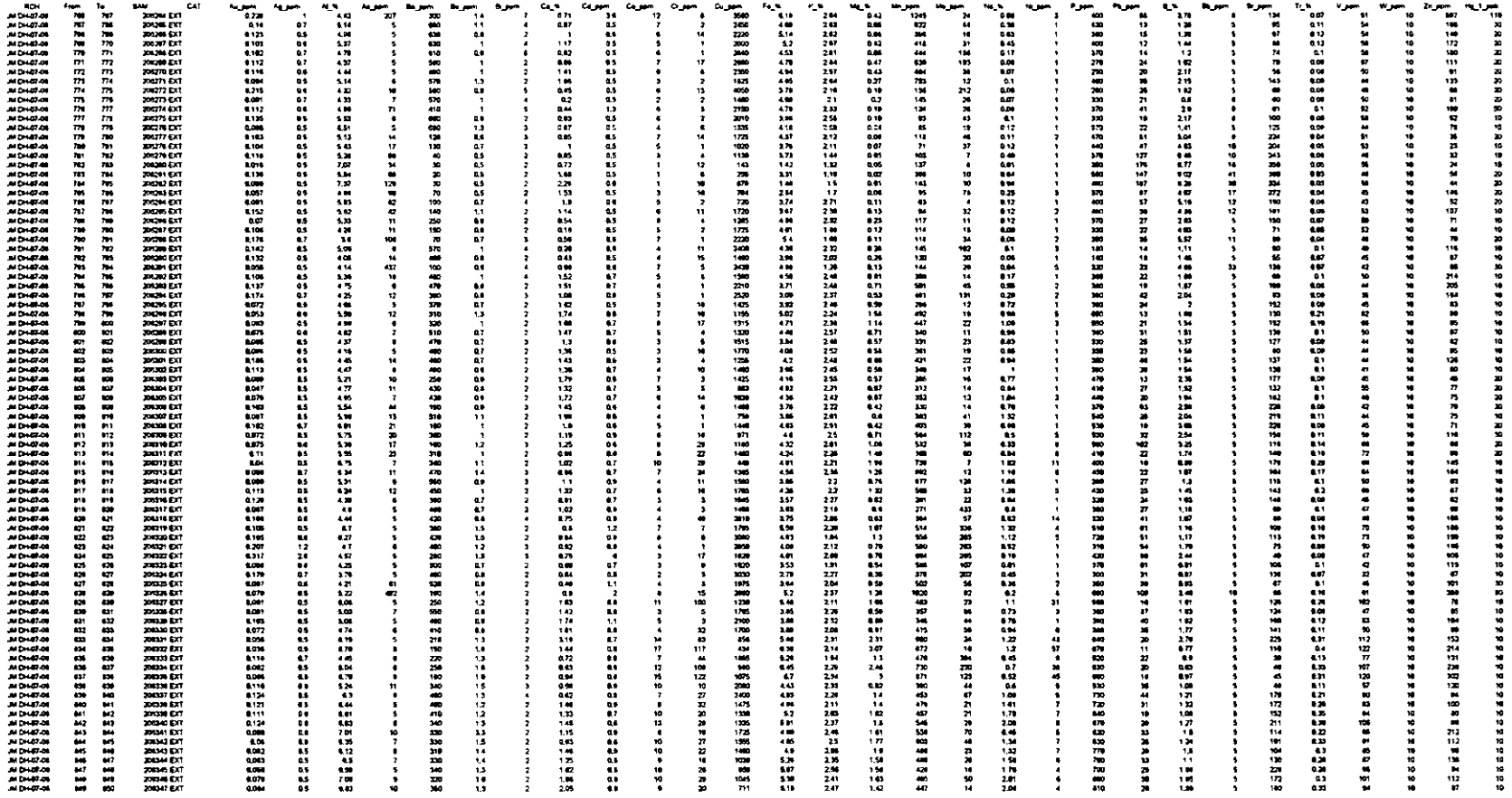












Material document (Business Combination Agreement), filed July 3, 2007

EXECUTION COPY

BUSINESS COMBINATION AGREEMENT

AMONG:

LUNDIN MINING CORPORATION

- and -

TENKE MINING CORP.

- and -

6749461 CANADA INC.

Dated April 10, 2007

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BUSINESS COMBINATION AGREEMENT

THIS AGREEMENT dated April 10, 2007 is made

A M O N G:

LUNDIN MINING CORPORATION, a corporation incorporated and existing under the *Canada Business Corporations Act*

(hereinafter referred to as "**Lundin**")

- and -

TENKE MINING CORP, a corporation incorporated and existing under the *Canada Business Corporations Act*

(hereinafter referred to as "**Tenke**")

- and -

6749461 CANADA INC., a corporation incorporated and existing under the *Canada Business Corporations Act*

(hereinafter referred to as "**Newco**")

WHEREAS the parties hereto have agreed, subject to the satisfaction of certain conditions precedent, to enter into the Arrangement (as hereinafter defined) pursuant to Section 192 of the *Canada Business Corporations Act* (the "**CBCA**") pursuant to which, among other things:

(a) Tenke will convey its South American Assets (as hereinafter defined) and cash in the amount of U.S.$5,000,000 to Newco in exchange for Newco Shares;

(b) Tenke will re-designate the outstanding Tenke Shares as "Class B Shares" and create a new class of shares to be designated as "Class A Shares";

(c) Tenke Shareholders will exchange their Class B Shares for Class A Shares of Tenke and Newco Shares; and

(d) all Class A Shares held by the Tenke Shareholders (other than Dissenting Shareholders) will be exchanged with Lundin for Lundin Shares on the basis of 1.73 Lundin Shares and $0.001 for each Class A Share;

AND WHEREAS, the parties hereto wish to make certain representations, warranties, covenants and agreements in connection with the Arrangement;

NOW, THEREFORE, in consideration of the mutual benefits to be derived and the representations and warranties, conditions and promises herein contained and other good and valuable consideration (the receipt and sufficiency of which is hereby acknowledged) and intending to be legally bound hereby, the parties agree as follows:

ARTICLE I
GENERAL

1.1 Defined Terms

Capitalized terms used herein and not otherwise defined shall have the meanings ascribed to such terms in Schedule A.

1.2 Arrangement

(a) The parties hereto agree to effect the transactions contemplated hereby, including the Arrangement, on the terms and subject to the conditions set forth herein and in the other Transaction Documents and to execute, deliver and perform their obligations under the respective Transaction Documents to which they are party.

(b) As soon as reasonably practicable following the execution and delivery of this Agreement: (i) Tenke shall file, proceed with and diligently prosecute an application to the Court for the Interim Order; (ii) Tenke shall call and hold the Tenke Meeting for the purpose of approving the Tenke Arrangement Resolution; (iii) Lundin shall call and hold the Lundin Meeting for the purpose of approving the Lundin Resolution; and (iv) Tenke shall prepare and mail the Tenke Information Circular to the Tenke Shareholders and Lundin shall prepare and mail the Lundin Information Circular to the Lundin Shareholders, respectively.

(c) If the Tenke Arrangement Resolution is approved at the Tenke Meeting, and the Lundin Resolution is approved at the Lundin Meeting, Tenke shall, as soon as practicable thereafter, proceed with and diligently pursue an application for the Order and Lundin, Newco, Tenke and the Tenke Shareholders shall complete the Arrangement in the manner contemplated by the Plan of Arrangement annexed as Schedule "B" hereto.

(d) Tenke shall permit Lundin and its advisors to review and comment on drafts of all material to be filed by Tenke with the Court, including the Tenke Information Circular and any supplement or amendment thereto and shall provide Lundin with any notice of appearance and evidence served on Tenke in respect of the Interim Order and the Offer.

(e) Lundin shall permit Tenke and its advisors to review and comment on the Lundin Information Circular and any supplement or amendment thereto.

1.3 U.S. Tax Matters

Lundin and Tenke intend to adopt this Agreement as a "plan of reorganization" within the meaning of Treasury Regulation section 1.368-2(g) and to treat the Arrangement as a "reorganization" within the meaning of section 368(a)(1) of the U.S. Internal Revenue Code. To that end, it is acknowledged that: (a) the exchange of securities pursuant to the Plan of Arrangement; and (b) the amalgamation which Lundin has covenanted to effect pursuant to Section 5.9 hereof are interdependent steps in a single transaction, to which the parties hereto are legally committed as provided herein and which may be fairly characterized as a statutory merger or consolidation within the meaning of section 368(a)(1)(A) of the U.S. Internal Revenue Code. However, Lundin makes no representation or warranty to Tenke, any Tenke Shareholder, or any holder of Tenke securities (including without limitation any

holder of options) regarding the U.S. federal income tax consequences to Tenke, any Tenke shareholder, or any holder of Tenke securities of the Arrangement.

1.4 Lock Up Agreements

(a) Tenke acknowledges and consents to Lundin entering into the Tenke Lock Up Agreements and further acknowledges and agrees that Lundin would not enter into this Agreement without entering into the Tenke Lock Up Agreements.

(b) Lundin acknowledges and consents to Tenke entering into the Lundin Lock Up Agreements and further acknowledges and agrees that Tenke would not enter into this Agreement without entering into the Lundin Lock Up Agreements.

ARTICLE II
REPRESENTATIONS AND WARRANTIES OF TENKE

Tenke represents and warrants to and in favour of Lundin and acknowledges that the other parties hereto are relying on such representations and warranties in connection with this Agreement and the transactions contemplated herein:

2.1 Organization and Good Standing

(a) Except as set forth in Section 2.1(a) of the Tenke Disclosure Letter, each Tenke Group Member is a corporation duly organized, validly existing, and in good standing under the Laws of its jurisdiction of incorporation and is qualified to transact business and is in good standing as a foreign corporation in the jurisdictions (which are listed in Section 2.1(a) of the Tenke Disclosure Letter) where it is required to qualify in order to conduct its business as presently conducted, except where the failure to be so qualified would not have a Material Adverse Effect on Tenke or on any such company. Except for the South American Holding Companies and Tenke Holdings, or as listed in Section 2.1 of the Tenke Disclosure Letter, there are no subsidiaries of Tenke and none of Tenke's subsidiaries has any subsidiaries.

(b) Each of Tenke and Tenke Holdings has the corporate power and authority to own, lease or operate its properties and to carry on its business as now conducted.

2.2 Consents, Authorizations, and Binding Effect

(a) Tenke may execute, deliver and perform this Agreement and each other Transaction Document to which it is a party without the necessity of obtaining any consent, approval, authorization or waiver, or giving any notice or otherwise, except:

(i) those disclosed in Section 2.2(a) of the Tenke Disclosure Letter;

(ii) consents, approvals, authorizations and waivers which have been obtained and are unconditional, and in full force and effect, and notices which have been given on a timely basis;

(iii) the approval of the Tenke Arrangement Resolution by the holders of not less than 66 2/3% of the Tenke Shares represented in person or by proxy at the Tenke Meeting;

(iv) the issue of the Final Order by the Court;

(v) the filing of Articles of Arrangement with the Director under the CBCA; or

(vi) those which, if not obtained or made, would not prevent or delay the consummation of the Arrangement or otherwise prevent Tenke or Newco from performing its obligations under this Agreement and would not be reasonably likely to have a Material Adverse Effect on Tenke or Tenke Holdings.

(b) Each of Newco and Tenke has full corporate power and authority to execute and deliver this Agreement and the other Transaction Documents to which it is a party and to perform its obligations hereunder and to complete the Arrangement subject, in the case of Tenke, to the approval of the Tenke Shareholders at the Tenke Meeting in accordance with the Interim Order.

(c) The Board of Directors of Tenke has unanimously (other than those Directors who abstained from voting): (i) approved the Arrangement and the execution, delivery and performance of this Agreement and each other Transaction Document to which they are party; (ii) determined that the exchange ratio of the Class A Shares into Lundin Shares and the nominal cash payable in respect of such exchange pursuant to the Arrangement is fair to holders of Tenke Shares and Tenke Options and the Arrangement is in the best interests of Tenke; and (iii) directed that the Tenke Arrangement Resolution be submitted to the Tenke Shareholders at the Tenke Meeting, and unanimously recommended approval thereof.

(d) This Agreement has been duly executed and delivered by Tenke and Newco and constitutes a legal, valid, and binding obligation of each of Tenke and Newco, enforceable against each of them in accordance with its terms, except:

(i) as may be limited by bankruptcy, reorganization, insolvency and similar Laws of general application relating to or affecting the enforcement of creditors' rights or the relief of debtors; and

(ii) that the remedy of specific performance and injunctive and other forms of equitable relief may be subject to equitable defenses and to the discretion of the court before which any proceeding therefor may be brought.

(e) The execution, delivery, and performance of this Agreement and each Transaction Document to which it is a party by each of Tenke and Newco will not:

(i) constitute a violation of the Certificate or Articles of Incorporation (or like charter documents) or By-laws, each as amended, of Tenke or Newco;

(ii) conflict with, result in the breach of or constitute a default or give to others a right of termination, cancellation, creation or acceleration of any obligation under

or the loss of any material benefit under or the creation of any benefit or right of any third party under any Contract, permit or license to which any Tenke Group Member is a party or as to which any of its property is subject which would have a Material Adverse Effect on Tenke;

(iii) constitute a violation of any Law applicable or relating to any Tenke Group Member or their respective businesses except for such violations which would not have a Material Adverse Effect on Tenke; or

(iv) result in the creation of any Lien upon any of the assets of any Tenke Group Member other than such Liens as would not have a Material Adverse Effect on Tenke.

(f) No Tenke Group Member or any Affiliate or Associate of any Tenke Group Member beneficially owns or has the right to acquire a beneficial interest in any Lundin Shares.

2.3 Status of Congo Equity Interests

(a) The Shareholder's Agreement is a valid and subsisting agreement in full force and effect, enforceable in accordance with its terms and Tenke Holdings is not in default of any of the material provisions of any such agreement, nor has any such default been alleged; nor is Tenke aware of any disputes with respect thereto.

(b) Tenke has not received any notice of proceedings relating to the revocation or modification of any material certificate, authority, permit or license necessary to conduct the business now owned or operated by TFM which, if the subject of an unfavourable decision, ruling or finding would have a Material Adverse Effect. In particular, without limiting the generality of the foregoing, Tenke has not received any notice of proceedings relating to the revocation or modifications of any material mining or exploration authorizations or permits held by TFM nor has it received notice of the revocation or cancellation of, or any intention to revoke or cancel, any mining claims, groups of claims, exploration rights, concessions or leases where such proceedings, revocations, modifications, or cancellations, would have a Material Adverse Effect.

(c) TFM has sufficient title and rights to the mineral reserves and resources and sufficient title to the associated real property to operate a mine and extract and sell minerals as contemplated in the Feasibility Study.

2.4 Reserve Reporting

The information set forth in the Tenke Securities Documents relating to the estimates of mineral reserves and resources has been reviewed and verified by Tenke or independent consultants to Tenke as disclosed in the Tenke Securities Documents and, except as disclosed in the Tenke Securities Documents, the mineral reserve and resource information has been prepared in accordance with Canadian industry standards set forth in National Instrument 43-101 of the Canadian Securities Administrators or the requirements of the Securities Exchange Commission of the United States of America ("SEC"), and the method of estimating the mineral reserves and resources has been verified to current industry standards and the information upon which the estimates of reserves and resources were based, was, at the time of delivery thereof, complete and accurate in all material respects and, to the best of Tenke's knowledge,

there have been no material changes to such information since the date of delivery or preparation thereof except as disclosed in the Tenke Securities Documents.

2.5 Insurance

The Tenke Group Members have their respective businesses and properties insured against loss or damage with coverage of types and in amounts consistent with the types and amounts of insurance maintained by corporations or other entities of a size and carrying on businesses of the type carried on by Tenke and cover all risks prudently and reasonably foreseeable in the question of its business. All such policies shall remain in full force and effect and shall not be cancelled or otherwise terminated as a result of the transactions contemplated hereof.

2.6 Litigation and Compliance

(a) Except as to the matters described in Section 2.6(a) of the Tenke Disclosure Letter there are no actions, suits, claims or proceedings, whether in equity or at law or, any Governmental investigations pending or threatened:

(i) against or affecting any Tenke Group Member or with respect to or affecting any asset or property owned, leased or used by any Tenke Group Member; and

(ii) which question or challenge the validity of this Agreement, any other Transaction Document or the Arrangement or any action taken or to be taken pursuant to this Agreement, any other Transaction Document or the Arrangement;

nor is Tenke aware of any basis for any such action, suit, claim, proceeding or investigation.

(b) Tenke and Tenke Holdings have conducted and are conducting their respective businesses in compliance with, and are not in default or violation under, and have not received notice asserting the existence of any default or violation under, any Law applicable to their respective businesses or operations, except for non-compliance, defaults and violations which would not, in the aggregate, have a Material Adverse Effect.

(c) Except as described in Section 2.6(c) of the Tenke Disclosure Letter, neither Tenke nor Tenke Holdings nor any of their respective assets, is subject to any judgment, order or decree entered in any lawsuit or proceeding which has had, or which is reasonably likely to have, a Material Adverse Effect on Tenke or Tenke Holdings or which is reasonably likely to prevent Tenke from performing its obligations under this Agreement or any other Transaction Document.

(d) Except as described in Section 2.6(d) of the Tenke Disclosure Letter, Tenke has duly filed all reports and returns required to be filed by it with any Government and has obtained all permits, licenses, consents, approvals, certificates, registrations and authorizations (whether Governmental, regulatory or otherwise) which are required in connection with its business and operations, except where the failure to do so has not had and will not have a Material Adverse Effect on Tenke.

2.7 Public Filings; Financial Statements

(a) Tenke has filed all documents required pursuant to Canadian Securities Laws, (the "Tenke Securities Documents"). As of their respective dates, the Tenke Securities Documents complied in all material respects with the then applicable requirements of Canadian Securities Laws, and, at the respective times they were filed, none of the Tenke Securities Documents contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary to make any statement therein, in light of the circumstances under which it was made, not misleading. Tenke has not filed any confidential material change reports which have not at the date hereof become public knowledge.

(b) The consolidated financial statements (including, in each case, any notes thereto and related management discussion and analysis) of Tenke included in the Tenke Securities Documents were prepared in accordance with GAAP applied on a consistent basis during the periods involved (except as may be indicated therein or in the notes thereto) and fairly presented the consolidated assets, liabilities and financial condition of Tenke and its consolidated subsidiaries as of the respective dates thereof and the consolidated earnings, results of operations and changes in financial position of Tenke and its consolidated subsidiaries for the periods then ended (subject, in the case of unaudited statements, to the absence of footnote disclosure and to normal year-end audit adjustments and to any other adjustments described therein). Except as disclosed in the Tenke Securities Documents or in Section 2.7(b) of the Tenke Disclosure Letter, Tenke has not, since December 31, 2006, made any change in the accounting practices or policies applied in the preparation of its financial statements.

(c) Tenke is a "reporting issuer" (or its equivalent) under Canadian Securities Laws of each of the Provinces of British Columbia, Alberta, Saskatchewan, Ontario and Quebec. Tenke is not currently in default in any material respect of any requirement of Canadian Securities Laws and Tenke is not included on a list of defaulting reporting issuers maintained by any of the securities commissions or similar regulatory authorities in each of such Provinces.

(d) There has not been any reportable event (within the meaning of NI 51-102 of the Canadian Securities Administrators) since December 31, 2006 with the present or former auditors of Tenke.

(e) Except as disclosed in the Tenke Securities Documents, there are no contracts with Tenke, on the one hand, and: (i) any officer or director of the Tenke Group; (ii) any holder of 5% or more of the equity securities of Tenke; or (iii) an associate or affiliate of a person in (i) or (ii), on the other hand.

2.8 Taxes

Except as described in Section 2.8 of the Tenke Disclosure Letter, each Tenke Group Member has timely filed, or has caused to be timely filed on its behalf, all Tax Returns required to be filed by it, all such Tax Returns are complete and accurate in all material respects, and the statute of limitations for the assessment of Taxes has expired for all Tax Returns of the Tenke Group or those Tax Returns have been examined by the appropriate taxing authorities for all periods through December 31, 2005. All Taxes

shown to be due on such Tax Returns, or otherwise owed, have been timely paid, other than those which are being contested in good faith and in respect of which adequate reserves have been provided in the most recently published financial statements of Tenke. Tenke's most recent audited consolidated financial statements reflect a reserve in accordance with GAAP for all Taxes payable by the Tenke Group Members for all taxable periods and portions thereof through the date of such financial statements. No deficiency with respect to any Taxes has been proposed, asserted or assessed in writing against any Tenke Group Member, there are no actions, suits, proceedings, investigations or claims pending or threatened against any Tenke Group Member in respect of Taxes or any matters under discussion with any Government relating to Taxes, in each case which are likely to have a Material Adverse Effect on the Tenke Group, and no waivers or written requests for waivers of the time to assess any such Taxes are outstanding or pending. Each Tenke Group Member has withheld from each payment made to any of their past or present employees, officers or directors, and to any non-resident of Canada, the amount of all Taxes required to be withheld therefrom and have paid the same to the proper tax or receiving officers within the time required under applicable legislation. Each Tenke Group Member has remitted to the appropriate tax authorities all amounts collected by it in respect of federal goods and services tax and provincial or harmonized sales taxes. There are no Liens for Taxes upon any asset of Tenke except Liens for taxes not yet due.

2.9 Pension and Other Employee Plans and Agreements

Other than the Tenke Stock Option Plan, a health and benefits plan maintained for its President, and as set forth in the Section 2.9 of the Tenke Disclosure Letter, Tenke does not maintain or contribute to any Employee Plan.

2.10 Labour Relations

(a) No employees of any Tenke Group Member are covered by any collective bargaining agreement.

(b) Except as described in Section 2.10 of the Tenke Disclosure Letter:

(i) there are no representation questions, arbitration proceedings, labour strikes, slow-downs or stoppages, material grievances, or other labour troubles pending or, to the knowledge of Tenke, threatened with respect to the employees of any Tenke Group Member; and

(ii) to the best of Tenke's knowledge, there are no present or pending applications for certification (or the equivalent procedure under any applicable Law) of any union as the bargaining agent for any employees of any Tenke Group Member.

2.11 Contracts, Etc.

(a) Except for contracts, agreements, leases and commitments entered into in the ordinary course of business, or which have been filed as Tenke Securities Documents or as listed in Section 2.11 of the Tenke Disclosure Letter, as of the date hereof, no Tenke Group Member is a party to or bound by any Contract:

(i) relating to capital expenditures or improvements in excess of $250,000 in the aggregate;

(ii) by which title to any assets, rights or properties is retained by a third party as security for an obligation;

(iii) which will be at the Closing Date secured by a lien upon any assets, rights or properties as security for an obligation;

(iv) relating to the employment of any employees or the rights of employees on severance or termination;

(v) relating to management, consulting or any other similar type of Contract which involves an amount exceeding $50,000 per annum, excluding those which may be terminated without penalty on 90 days' notice or less;

(vi) which contemplates payment on or as a result of a change of control of any Tenke Group Member (whether on termination of such agreement, on occurrence of any other event or circumstance, or after notice or lapse of time or otherwise);

(vii) with any director or officer, former director or officer, shareholder or any person not dealing at arm's length with Tenke or such Tenke Group Member;

(viii) with a bank or other financial institution relating to borrowed money;

(ix) relating to the existence or creation or purchase or sale of any bonds, debentures, notes or long-term debts;

(x) relating to outstanding letters of credit or constituting an agreement of guarantee or indemnification of the obligations or liabilities (contingent or otherwise) of any other person or relating to commitments to purchase the assets of any other person or to guarantee the price thereof;

(xi) relating to the acquisition or disposition of any shares or securities of any entity;

(xii) relating to the acquisition or disposition or lease of any business operations or real property;

(xiii) limiting or restraining any Tenke Group Member from engaging in any activities or competing with any person;

(xiv) concerning the lease of any machinery or equipment pursuant to which payments thereunder exceed $250,000 in the aggregate;

(xv) which involves the use of a derivative, including any forward contracts or options; or

(xvi) relating to the existence or creation of any *bona fide* offer of an opportunity (including a joint venture opportunity) to any person.

(b) Each Tenke Group Member and, to the knowledge of Tenke, each of the other parties thereto is in compliance with all covenants under any Contract and no default has occurred which, with notice or lapse of time or both would directly or indirectly

constitute such a default under any Contract, except for such non-compliance or default as has not had and will not have a Material Adverse Effect on the Tenke Group.

2.12 Absence of Certain Changes, Etc.

Except as described in the Tenke Securities Documents or Section 2.12 of the Tenke Disclosure Letter or pursuant to this Agreement, since December 31, 2006:

(a) there has been no Material Adverse Change to Tenke;

(b) Tenke has not:

(i) sold, transferred, distributed or otherwise disposed of or acquired a material amount of its assets, or agreed to do any of the foregoing, except in the ordinary course of business;

(ii) incurred any liability or obligation of any nature (whether absolute, accrued, contingent or otherwise) which has had or is likely to have a Material Adverse Effect on Tenke;

(iii) prior to the date hereof, made or agreed to make any material capital expenditure or commitment for additions to property, plant, or equipment not reflected in the capital budget for the 2007 fiscal year approved by Tenke, a copy of which has been provided to Lundin;

(iv) made or agreed to make any material increase in the compensation payable to any employee or director except for increases made in the ordinary course of business and consistent with presently existing policies or agreements or past practice;

(v) conducted its operations otherwise than in all material respects in the normal course of business;

(vi) entered into any material transaction or material Contract, or amended or terminated any material transaction or material Contract, except transactions or Contracts entered into in the ordinary course of business;

(vii) effected any material change in the practices followed by the Tenke Group in calculating bad debts, contingencies, or other reserves; or

(viii) agreed or committed to do any of the foregoing;

(c) there has not been any declaration, setting aside or payment of any dividend or other distribution with respect to Tenke's capital stock; and

(d) Tenke and, to the knowledge of Tenke, each of the other parties thereto, is in compliance with all covenants under any Contract and no default on the part of any such parties exists under, any Contract and no event has occurred which, with notice or lapse of time or both, would directly or indirectly constitute such a default, except such non-compliance

or default as has not had and will not have a Material Adverse Effect on the Tenke Group.

2.13 Subsidiaries

(a) Section 2.1 of the Tenke Disclosure Letter sets forth with respect to Tenke, Tenke Holdings and TF Holdings:

(i) its jurisdiction of incorporation; and

(ii) the percentage of each class of its equity securities owned, directly or indirectly, by Tenke.

(b) Except as set forth in Section 2.1 of the Tenke Disclosure Letter, all of the outstanding shares of the capital of each of Tenke Holdings and TF Holdings owned of record or beneficially by Tenke are so owned free and clear of all Liens. Except with respect to the Tenke Holdings, TF Holdings and TFM, the South American Holding Companies and the subsidiaries listed in Section 2.1 of the Tenke Disclosure Letter, Tenke does not own, directly or indirectly, any material equity interest of or in any entity or enterprise organized under the Laws of any domestic or foreign jurisdiction.

(c) All outstanding shares of the capital stock of or other equity interests in each of Tenke Holdings and TF Holdings owned of record or beneficially by Tenke or Tenke Holdings have been duly authorized and are validly issued, fully paid and non-assessable.

(d) Except as described in the Tenke Securities Documents or in Section 2.13 of the Tenke Disclosure Letter, there are no authorized, outstanding or existing:

(i) proxies, voting trusts, or other agreements or understandings with respect to the voting of the shares of Tenke Holdings or TF Holdings granted, extended or entered into by Tenke or Tenke Holdings; or

(ii) agreements, options, warrants, or other rights capable of becoming agreements, options, warrants or other rights to purchase or subscribe for any capital shares of, or securities convertible into or exchangeable for any of the shares of Tenke Holdings or TF Holdings granted, extended or entered into by Tenke or Tenke Holdings.

2.14 Capitalization

(a) At the date hereof the authorized capital stock of Tenke consists of an unlimited number of Tenke Shares, of which 59,955,829 Tenke Shares were outstanding as of the date of this Agreement.

(b) Except as set forth in Section 2.14(b) of the Tenke Disclosure Letter, no shares of capital stock or other voting securities of Tenke are issued, reserved for issuance or outstanding.

(c) All the outstanding Tenke Shares have been duly authorized and are validly issued, fully paid and non-assessable, free of pre-emptive rights.

(d) Except as described above or in Section 2.14(d) of the Tenke Disclosure Letter, there are no authorized, outstanding or existing:

(i) voting trusts or other agreements or understandings with respect to the voting of any Tenke Shares to which any Tenke Group Member is a party;

(ii) securities issued by any Tenke Group Member that are convertible into or exchangeable for any capital stock of Tenke;

(iii) agreements, options, warrants, or other rights capable of becoming agreements, options or warrants to purchase or subscribe for any capital shares of Tenke or securities convertible into or exchangeable for any capital shares of Tenke, in each case granted, extended or entered into by any Tenke Group Member;

(iv) agreements of any kind to which any Tenke Group Member is party relating to the issuance of any capital stock of Tenke, any convertible or exchangeable securities, or any options, warrants, or rights, or requiring Tenke to qualify securities of any Tenke Group Member for distribution by prospectus under Canadian Securities Laws; or

(v) agreements of any kind which may obligate Tenke to issue or purchase any of its securities.

2.15 Environmental Matters

Each Tenke Group Member is in compliance with all applicable Environmental Laws except where such non-compliance would not have a Material Adverse Effect on the Tenke Group. No Tenke Group Member is the subject of: (i) any proceeding, application, order or directive which relates to any environmental, health or safety matter; or (ii) any demand or notice with respect to any Environmental Laws. Each Tenke Group Member has made adequate reserves for all reclamation obligations and has made appropriate arrangements through obtaining reclamation bonds or otherwise to discharge such reclamation obligations.

2.16 Indebtedness

As at the date of this Agreement, except as set out in Section 2.16 of the Tenke Disclosure Letter, no indebtedness for borrowed money was owing or guaranteed by Tenke.

2.17 Undisclosed Liabilities

Except as set forth in Section 2.17 of the Tenke Disclosure Letter, there are no material liabilities of the Tenke Group of any kind whatsoever, whether or not accrued and whether or not determined or determinable, in respect of which Tenke may become liable on or after the consummation of the transactions contemplated hereby other than:

(a) liabilities disclosed on or reflected or provided for in the most recent financial statements of Tenke included in the Tenke Securities Documents; and

(b) liabilities incurred in the ordinary and usual course of business of the Tenke Group and attributable to the period since December 31, 2006, none of which has had or may reasonably be expected to have a Material Adverse Effect on Tenke.

2.18 Due Diligence Investigations

(a) The books and records of the Tenke Group made available to Lundin, or its representatives or Advisers, in connection with their due diligence investigations are the original books and records of such entities or true copies of such original books and records and contain copies of all proceedings of the directors, shareholders and other securityholders of such entities (or certified copies thereof).

(b) All information relating to the business, assets, liabilities, properties, capitalization or financial condition of the Tenke Group or any member thereof provided by any Tenke Group Member or any of its Advisers to Lundin is true, accurate and complete in all material respects.

2.19 U.S. Matters

(a) The assets and property of Tenke and the Tenke Group are located outside of the United States of America and did not generate sales in or into the United States of America exceeding U.S.$59.8 million during Tenke's most recent fiscal year.

(b) As of the date hereof, Tenke is a "foreign private issuer" as defined in Rule 405 under the United States *Securities Act of 1933*, as amended.

(c) Tenke is not registered, and is not required to be registered, under the United States *Investment Company Act* of 1940, as amended.

2.20 Competition Act

The transactions contemplated by this Agreement are not subject to notification under Part IX of the Competition Act (Canada) as neither Tenke's assets in Canada nor its gross revenues from sales in or from Canada, exceed the thresholds set out in Section 110 of the Competition Act (Canada), as determined in accordance with the Notifiable Transaction Regulations thereto.

2.21 Fairness Opinion

The Board of Directors of Tenke has received an opinion from Dundee Securities Corporation that the terms and conditions of this Agreement and the Arrangement contemplated hereby are fair from a financial point of view to the holders of Tenke Shares.

2.22 Brokers

Except as set forth in Section 2.22 of the Tenke Disclosure Letter, no Tenke Group Members or their respective Associates, Affiliates or Advisors have retained any broker or finder in connection with the Arrangement or the other transactions contemplated hereby, nor have any of the foregoing incurred any liability to any broker or finder by reason of any such transaction.

ARTICLE III
REPRESENTATIONS AND WARRANTIES OF LUNDIN

Lundin hereby represents and warrants to Tenke as follows and acknowledges that Tenke is relying on such representations and warranties in entering into this Agreement and completing the transactions contemplated herein:

3.1 Organization and Good Standing

(a) Except as set forth in Section 3.1(a) of the Lundin Disclosure Letter, Lundin and each Lundin Group Member is a corporation duly organized, validly existing, and in good standing under the Laws of the jurisdiction of its incorporation and is qualified to transact business and is in good standing as a foreign corporation in the jurisdictions (which are listed in Section 3.1(a) of the Lundin Disclosure Letter) where it is required to qualify in order to conduct its business as presently conducted, except where the failure to be so qualified would not have a Material Adverse Effect on Lundin. Except as listed in Section 3.1 of the Lundin Disclosure Letter, there are no subsidiaries of Lundin and none of Lundin's subsidiaries has any subsidiaries.

(b) Each Lundin Group Member has the corporate power and authority to own, lease, or operate its properties and to carry on its business as now conducted.

3.2 Consents, Authorizations, and Binding Effect

(a) Lundin and each Lundin Group Member may execute, deliver, and perform this Agreement and each other Transaction Document to which it is party without the necessity of obtaining any consent, approval, authorization or waiver, or giving any notice or otherwise, except:

(i) the approval of the Lundin Resolution by a simple majority of the Lundin Shareholders present in person or by proxy at the Lundin Meeting;

(ii) those disclosed in Section 3.2(a) of the Lundin Disclosure Letter;

(iii) consents, approvals, authorizations and waivers, which have been obtained, and are unconditional and in full force and effect and notices which have been given on a timely basis; or

(iv) those which, if not obtained or made, would not prevent or delay the consummation of the Arrangement or otherwise prevent Lundin from performing its obligations under this Agreement and would not be reasonably likely to have a Material Adverse Effect on Lundin or the Lundin Group.

(b) Lundin has the full power and authority to execute and deliver this Agreement and each other Transaction Document to which it is party and to perform its obligations hereunder and to complete the Arrangement.

(c) The Directors of Lundin have unanimously (other than those Directors who abstained from voting) approved this Agreement and each other Transaction Document to which Lundin is party.

(d) This Agreement has been duly executed and delivered by Lundin and constitutes the legal, valid, and binding obligation of Lundin enforceable against it in accordance with its terms, except:

(i) as may be limited by bankruptcy, reorganization, insolvency and similar Laws of general application relating to or affecting the enforcement of creditors' rights or the relief of debtors; and

(ii) that the remedy of specific performance and injunctive and other forms of equitable relief may be subject to equitable defences and to the discretion of the court before which any proceeding therefor may be brought.

(e) The execution, delivery, and performance of this Agreement and each Transaction Document to which it is party by Lundin will not:

(i) constitute a violation of the Certificate or Articles of Incorporation (or like charter documents) or By-Laws, each as amended, of any Lundin Group Member;

(ii) conflict with, result in the breach of or constitute a default or give to others a right of termination, cancellation, creation or acceleration of any obligation under, or the loss of any material benefit under or the creation of any benefit or right of any third party under any Contract, permit or license to which any Lundin Group Member is a party or as to which any of its property is subject which would in any such case have a Material Adverse Effect on the Lundin Group;

(iii) constitute a violation of any Law applicable or relating to any Lundin Group Member or their respective businesses except for such violations which would not have a Material Adverse Effect on any Lundin Group Member; or

(iv) result in the creation of any Lien upon any of the assets of any Lundin Group Member, other than such Liens as would not have a Material Adverse Effect on the Lundin Group; and

(v) the Lundin Shares issuable pursuant to this Agreement and any other Transaction Document will, at the Effective Time, have been duly created and be duly and validly issued as fully paid and non-assessable common shares in the capital of Lundin.

3.3 Title to Material Assets

(a) Other than as disclosed in the Lundin Security Documents, Lundin and, where applicable, each Lundin Group Member, is the absolute legal and beneficial owner of all of its material assets, including, without limitation, all mining claims, concessions, licenses and leases or other instruments conferring mineral rights comprising its existing properties. No other property rights are necessary for the conduct of Lundin's or any Lundin Group Member's business, as currently conducted.

(b) Lundin has no responsibility or obligation, nor has any other Lundin Group Member, to pay any commission, royalty or similar payment to any person with respect to its property rights relating to the material assets of Lundin or any other Lundin Group Member, including, without limitation, the mining claims, concessions, licenses and leases or other instruments conferring the mineral rights comprising its existing properties, other than as disclosed in the Lundin Securities Documents.

(c) Any and all agreements pursuant to which Lundin and each Lundin Group Member holds any of its material assets, are valid and subsisting agreements in full force and effect, enforceable in accordance with their respective terms; Lundin is not nor is any Lundin Group Member in default of any of the material provisions of any such agreements, including, without limitation, failure to fulfil any payment or work obligation thereunder nor has any such default been alleged; Lundin is not aware of any disputes with respect thereto and such assets are in good standing under the applicable statutes and regulations of the jurisdictions in which they are situated, all exploration permits, leases, licenses, concessions, patented and unpatented claims pursuant to which Lundin and each Lundin Group Member derives its interest in such material assets are in good standing and there has been no material default under any such exploration permits, leases, licenses, concessions, patented and unpatented claims and all real or other property taxes required to be paid with respect to such assets to the date hereof have been paid.

(d) Neither Lundin nor any other Lundin Group Member has received any notice of proceedings relating to the revocation or modification of any material certificate, authority, permit or license necessary to conduct the business now owned or operated by it which, if the subject of an unfavourable decision, ruling or finding would have a Material Adverse Effect. In particular, without limiting the generality of the foregoing, neither Lundin nor any other Lundin Group Member has received any notice of proceedings relating to the revocation or modifications of any material mining or exploration authorizations, permits or licenses, nor have any of them received notice of the revocation or cancellation of, or any intention to revoke or cancel, any mining claims, groups of claims, exploration rights, concessions or leases where such proceedings, revocation, modifications, or cancellations, would have a Material Adverse Effect.

(e) The information set forth in the Lundin Securities Documents relating to the estimates of mineral reserves and resources has been reviewed and verified by Lundin or independent consultants to Lundin as disclosed in the Lundin Securities Documents and, except as disclosed in the Lundin Securities Documents, the mineral reserve and resource information has been prepared in accordance with Canadian industry standards set forth in National Instrument 43-101 of the Canadian Securities Administrators, and the method of estimating the mineral reserves and resources has been verified by mining experience and the information upon which the estimates of reserves and resources were based, was, at the time of delivery thereof, complete and accurate in all material respects and there have been no material changes to such information since the date of delivery or preparation thereof except as disclosed in the Lundin Securities Documents.

3.4 Insurance

The Lundin Group Members have their respective businesses and properties insured against loss or damage with coverage of types and in amounts consistent with the types and amounts of insurance

maintained by corporations and other entities of a size and carrying on business of a type carried on by Lundin.

3.5 Litigation and Compliance

(a) Except as to the matters described in Section 3.5(a) of the Lundin Disclosure Letter, there are no actions, suits, claims or proceedings, whether in equity or at law, or any Governmental investigations pending or threatened:

(i) against or affecting any Lundin Group Member or with respect to or affecting any asset or property owned, leased or used by any Lundin Group Member; or

(ii) which question or challenge the validity of this Agreement, any other Transaction Document or the Arrangement or any action taken or to be taken pursuant to the Agreement or any other Transaction Document;

nor is Lundin aware of any basis for any such action, suit, claim, proceeding or investigation.

(b) Each Lundin Group Member has conducted and is conducting its business in compliance with, and is not in default or violation under, and has not received notice asserting the existence of any default or violation under, any Law applicable to the businesses or operations of the Lundin Group, except for non-compliance, defaults, and violations which would not, in the aggregate, have a Material Adverse Effect on the Lundin Group.

(c) Except as described in Section 3.5(c) of the Lundin Disclosure Letter, no Lundin Group Member, and no asset of any Lundin Group Member, is subject to any judgment, order or decree entered in any lawsuit or proceeding which has had, or which is reasonably likely to have, a Material Adverse Effect on the Lundin Group or which is reasonably likely to prevent Lundin from performing its obligations under this Agreement, or any other Transaction Document.

(d) Except as described in Section 3.5(d) of the Lundin Disclosure Letter, each Lundin Group Member has duly filed or made all reports and returns required to be filed by it with any Government and has obtained all permits, licenses, consents, approvals, certificates, registrations and authorizations (whether Governmental, regulatory or otherwise) which are required in connection with the business and operations of the Lundin Group, except where the failure to do so has not had and will not have a Material Adverse Effect on the Lundin Group.

3.6 Taxes

Except as described in Section 3.6 of the Lundin Disclosure Letter, each Lundin Group Member has timely filed, or has caused to be timely filed on its behalf, all Tax Returns required to be filed by it, all such Tax Returns are complete and accurate in all material respects, and the statute of limitations for the assessment of Taxes has expired for all Tax Returns of the Lundin Group or those Tax Returns have been examined by the appropriate taxing authorities for all periods through December 31, 2006. All Taxes shown to be due on such Tax Returns, or otherwise owed, have been timely paid, other than those which are being contested in good faith and in respect of which adequate reserves have been provided in the most recently published financial statements of Lundin. Lundin's most recent audited consolidated

financial statements reflect a reserve in accordance with GAAP for all Taxes payable by the Lundin Group Members for all taxable periods and portions thereof through the date of such financial statements. No deficiency with respect to any Taxes has been proposed, asserted or assessed in writing against any Lundin Group Member, there are no actions, suits, proceedings, investigations or claims pending or threatened against any Lundin Group Member in respect of Taxes or any matters under discussion with any Government relating to Taxes, in each case which are likely to have a Material Adverse Effect on the Lundin Group, and no waivers or written requests for waivers of the time to assess any such Taxes are outstanding or pending. Each Lundin Group Member has withheld from each payment made to any of their past or present employees, officers or directors, and to any non-resident of Canada, the amount of all Taxes required to be withheld therefrom and have paid the same to the proper tax or receiving officers within the time required under applicable legislation. Each Lundin Group Member has remitted to the appropriate tax authorities all amounts collected by it in respect of federal goods and services tax and provincial or harmonized sales taxes. There are no Liens for Taxes upon any asset of the Lundin Group except Liens for taxes not yet due.

3.7 Public Filings; Financial Statements

(a) Lundin has filed all documents required pursuant to Canadian Securities Laws and U.S. Securities Laws, (the "Lundin Securities Documents"). As of their respective dates, the Lundin Securities Documents complied in all material respects with the then applicable requirements of the Canadian Securities Laws and U.S. Securities Laws, and, at the respective times they were filed, none of the Lundin Securities Documents contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary to make any statement therein, in light of the circumstances under which it was made, not misleading. Lundin has not filed any confidential disclosure reports which have not at the date hereof become public knowledge.

(b) The consolidated financial statements (including, in each case, any notes thereto) of Lundin included in the Lundin Securities Documents were prepared in accordance with GAAP applied on a consistent basis during the periods involved (except as may be indicated therein or in the notes thereto) and fairly presented the consolidated assets, liabilities and financial condition of Lundin and its consolidated subsidiaries as of the respective dates thereof and the consolidated earnings, results of operations and changes in financial position of Lundin and its consolidated subsidiaries for the periods then ended (subject, in the case of unaudited statements, to the absence of footnote disclosure and to normal year-end audit adjustments and to any other adjustments described therein). Except as disclosed in the Lundin Securities Documents or in Section 3.7(b) of the Lundin Disclosure Letter, Lundin has not, since December 31, 2006, made any change in the accounting practices or policies applied in the preparation of its financial statements.

(c) Lundin is a "reporting issuer" (or its equivalent) under Canadian Securities Laws of each of the Provinces of British Columbia, Alberta, Ontario, Quebec and Nova Scotia. Lundin is not currently in default in any material respect of any requirement of Canadian Securities Laws and Lundin is not included on a list of defaulting reporting issuers maintained by any of the securities commissions or similar regulatory authorities in each of such Provinces.

(d) There has not been any reportable event (within the meaning of NI 51-102 of the Canadian Securities Administrators) since December 31, 2006 with the present or former auditors of the Lundin Group.

3.8 Pension and Other Employee Plans and Agreement

Except as described in Section 3.8 of the Lundin Disclosure Letter:

(a) Lundin and each Lundin Group Member have complied, in all material respects, with all of the terms of the Employee Plans maintained or contributed to by each Lundin Group Member and of all other employee compensation and benefit obligation of each Lundin Group Member, as the case may be, including the provisions of any collective agreements, funding and investment contracts or obligations applicable thereto, arising under or relating to each of the pension or retirement income plans or other compensation or benefit plans, agreements, policies, programs, arrangements or practices, whether written or oral, which are maintained by or binding upon each Lundin Group Member (the "Lundin Group Employee Plans") and all Lundin Group Employee Plans maintained by or binding upon any Lundin Group Member are fully funded and in good condition with such regulatory authorities as may be applicable and no notice of underfunding, non-compliance, failure to be in good standing or otherwise has been received by any Lundin Group Member from any such regulatory authority;

(b) No action has been taken, no event has occurred and no condition or circumstance exists that has resulted in or could reasonably be expected to result in any Lundin Group Employee Plan maintained or binding upon any Lundin Group Member being ordered or required to be terminated or wound up in whole or in part or having its registration under applicable legislation refused or revoked, or being placed under the administration of any trustee or receiver or regulatory authority; and

(c) Neither the execution of this Agreement or the other Transaction Documents nor the completion of the transactions contemplated hereby and thereby will: (i) result in any payment (including, without limitation, severance, unemployment compensation, termination or otherwise) becoming due or potentially becoming due under any Lundin Group Employee Plan or under any agreement with any director, officer or employee of any Lundin Group Member; (ii) increase any benefits otherwise payable under any Lundin Group Employee Plan or any such agreement; or (iii) result in the acceleration of the time of payment or vesting of any such benefits or any such plan or agreement.

3.9 Labour Relations

(a) Except as described in Section 3.9 of the Lundin Disclosure Letter, no employees of any Lundin Group Member are covered by any collective bargaining agreement.

(b) Except as described in Section 3.9 of the Lundin Disclosure Letter:

(i) there are no representation questions, arbitration proceedings, labour strikes, slow-downs or stoppages, material grievances, or other labour troubles pending

or, to the knowledge of Lundin, threatened with respect to the employees of any Lundin Group Member; and

(ii) to the best of Lundin's knowledge, there are no present or pending applications for certification (or the equivalent procedure under any applicable Law) of any union as the bargaining agent for any employees of any Lundin Group Member.

3.10 Contracts, Etc

(a) Except for contracts, agreements, leases and commitments entered into in the ordinary course of business, or which have been filed as Lundin Securities Documents or as listed in Section 3.10 of the Lundin Disclosure Letter, no Lundin Group Member is a party to or bound by any Contract:

(i) relating to capital expenditures or improvements in excess of $250,000 in the aggregate;

(ii) by which title to any assets, rights or properties is retained by a third party as security for an obligation;

(iii) which will be at the Effective Date secured by a Lien upon any assets, rights or properties as security for an obligation;

(iv) relating to the employment of any employees or the rights of employees upon severance or termination;

(v) relating to management, consulting or any other similar type of Contract which involves an amount exceeding $50,000 per annum, excluding those which may be terminated without penalty on 90 days' notice or less;

(vi) which contemplates payment on or as a result of a change of control of any Lundin Group Member (whether on termination of such agreement, on occurrence of any other event or circumstances, or after notice or lapse of time or otherwise);

(vii) with any director or officer, former director or officer, shareholder or any person not dealing at arm's length with the Lundin Group;

(viii) with a bank or other financial institution relating to borrowed money;

(ix) relating to the existence, creation, purchase or sale of any bonds, debentures, notes or long-term debts;

(x) relating to outstanding letters of credit or constituting an agreement of guarantee or indemnification of the obligations or liabilities (contingent or otherwise) of any other person or relating to commitments to purchase the assets of any other person or to guarantee the price thereof;

(xi) relating to the acquisition or disposition of any shares or securities of any entity;

(xii) relating to the acquisition, disposition or lease of any business operations or real property;

(xiii) limiting or restraining any Lundin Group Member from engaging in any activities or competing with any person;

(xiv) concerning the lease of any machinery or equipment pursuant to which payments thereunder exceed $250,000 in the aggregate;

(xv) which involves the use of a derivative, including any forward contracts or options; or

(xvi) relating to the existence or creation of any *bona fide* offer of an opportunity (including a joint venture opportunity) to any person.

(b) Each Lundin Group Member and, to the knowledge of Lundin, each of the other parties thereto, is in compliance with all covenants under, and no default on the part of any such parties exists under, any Contract and no event has occurred which, with notice or lapse of time or both, would directly or indirectly constitute such a default, except such non-compliance or default as has not had and will not have a Material Adverse Effect on the Lundin Group.

3.11 Absence of Certain Changes, Etc.

Except as described in the Lundin Securities Documents or in Section 3.11 of the Lundin Disclosure Letter or pursuant to this Agreement, since December 31, 2006:

(a) there has been no Material Adverse Change in the Lundin Group;

(b) no Lundin Group Member has:

(i) sold, transferred, distributed, or otherwise disposed of or acquired a material amount of its assets, or agreed to do any of the foregoing, except in the ordinary course of business;

(ii) incurred any liability or obligation of any nature (whether absolute, accrued, contingent or otherwise) which has had or is likely to have a Material Adverse Effect on the Lundin Group;

(iii) prior to the date hereof, made or agreed to make any material capital expenditure or commitment for additions to property, plant, or equipment in excess of $250,000 not reflected in the capital budget of Lundin for the 2007 fiscal year, a copy of which has been provided to Tenke;

(iv) made or agreed to make any material increase in the compensation payable to any employee or director except for increases made in the ordinary course of business and consistent with presently existing policies or agreement or past practice;

(v) conducted its operations otherwise than in all material respects in the normal course of business;

(vi) entered into any material transaction or material Contract, or amended or terminated any material transaction or material Contract, except transactions or Contracts entered into in the ordinary course of business;

(vii) effected any material change in the practices followed by the Lundin Group in calculating bad debts, contingencies, or other reserves; or

(viii) agreed or committed to do any of the foregoing;

(c) there has not been any declaration, setting aside or payment of any dividend; and

(d) each Lundin Group Member and, to the knowledge of Lundin, each of the other parties thereto, is in compliance with all covenants under any Contract and no default on the part of any such parties exists under, any Contract and no event has occurred which, with notice or lapse of time or both, would directly or indirectly constitute such a default, except such non-compliance or default as has not had and will not have a Material Adverse Effect on the Lundin Group.

3.12 Subsidiaries

(a) Section 3.1 of the Lundin Disclosure Letter sets forth with respect to each Lundin Group Member:

(i) its jurisdiction of incorporation; and

(ii) the percentage of each class of its equity securities owned, directly or indirectly, by Lundin.

(b) Except as set forth in Section 3.1 of the Lundin Disclosure Letter, all of the outstanding shares in the capital of each Lundin Group Member (other than Lundin) owned of record or beneficially by any other Lundin Group Member are so owned free and clear of all Liens. Lundin does not own, directly or indirectly, any equity interest of or in any entity or enterprise organized under the Laws of any domestic or foreign jurisdiction other than the subsidiaries listed in Section 3.1 of the Lundin Disclosure Letter.

(c) All outstanding shares in the capital of, or other equity interests in, each Lundin Group Member (other than Lundin) have been duly authorized and are validly issued, fully paid and non-assessable.

(d) Except as described in the Lundin Securities Documents or in Section 3.12 of the Lundin Disclosure Letter, there are no authorized, outstanding or existing:

(i) proxies, voting trusts, or other agreements or understandings with respect to the voting of any shares in the capital of any Lundin Group Member (other than Lundin) to which any Lundin Group Member is party;

(ii) securities issued by any Lundin Group Members that are convertible into or exchangeable for any shares in the capital of any Lundin Group Member (other than Lundin);

(iii) agreements, options, warrants, or other rights capable of becoming agreements, options, warrants or other rights to purchase or subscribe for any capital stock of, or securities convertible into or exchangeable for any shares in the capital of, any Lundin Group Member (other than Lundin) in each case granted, extended or entered into by any Lundin Group Member;

(iv) stock appreciation rights, phantom equity or similar rights, agreements, arrangements or commitments based upon the book value, income or any other attribute of any Lundin Group Member;

(v) agreements of any kind to which any Lundin Group Member is party which may obligate any Lundin Group Member to purchase any of its own securities or those of any other Lundin Group Member;

(vi) agreements to which any Lundin Group Member is party containing any right of first negotiation or refusal with respect to the equity securities of any Lundin Group Member (other than Lundin);

(vii) agreements to which any Lundin Group Member is party containing any right of first negotiation or refusal with respect to the equity securities of any Lundin Group Member.

3.13 Capitalization

(a) The authorized capital of Lundin consists of an unlimited number of Lundin Shares and one special share having no par value, of which 285,573,489 Lundin Shares are issued and outstanding as of the date of this Agreement.

(b) All of the outstanding shares of all series and classes in the capital of Lundin have been duly authorized and are validly issued, fully paid and non-assessable.

(c) Except as described in the Lundin Securities Documents or in Section 3.13(c) of the Lundin Disclosure Letter, there are no authorized, outstanding or existing:

(i) voting trusts or other agreements or understandings with respect to the voting of any Lundin Shares to which any Lundin Group Member is a party;

(ii) securities issued by any Lundin Group Member that are convertible into or exchangeable for any Lundin Shares;

(iii) agreements, options, warrants, or other rights capable of becoming agreements, options or warrants to purchase or subscribe for any Lundin Shares or securities convertible into or exchangeable or exercisable for any such common shares, in each case granted, extended or entered into by any Lundin Group Member;

(iv) agreements of any kind to which any Lundin Group Member is party relating to the issuance or sale of any Lundin Shares, or any securities convertible into or exchangeable or exercisable for any such common shares; or

(v) agreements of any kind which may obligate Lundin to issue or purchase any of its securities.

3.14 Environmental Matters

Each Lundin Group Member is in compliance, in all material respects, with all applicable Environmental Laws. Each Lundin Group Member has made adequate reserves for all reclamation obligations and has made appropriate arrangements, through obtaining reclamation bonds or otherwise to discharge such reclamation obligations.

3.15 Brokers

Except as set forth in Section 3.15 of the Lundin Disclosure Letter, no Lundin Group Member or their respective Associates, Affiliates or Advisers have retained any broker or finder in connection with the transactions contemplated hereby, nor have any of the foregoing incurred any Liability to any broker or finder by reason of any such transaction.

3.16 Indebtedness

As at the date of this Agreement, except as set forth in Section 3.16 of the Lundin Disclosure Letter, no indebtedness for borrowed money was owing by any Lundin Group Member.

3.17 Undisclosed Liabilities

Except as set forth in Section 3.17 of the Lundin Disclosure Letter, there are no material liabilities of the Lundin Group of any kind whatsoever, whether or not accrued and whether or not determined or determinable, in respect of which any Lundin Group Member may become liable on or after the consummation of the transactions contemplated hereby other than:

(a) liabilities disclosed on or reflected or provided for in the most recent financial statements of Lundin included in the Lundin Securities Documents; and

(b) liabilities incurred in the ordinary and usual course of business of the Lundin Group and attributable to the period since December 31, 2006, none of which has had or may reasonably be expected to have a Material Adverse Effect on the Lundin Group.

3.18 U.S. Matters

(a) The assets and property of Lundin are located outside of the United States of America and did not generate sales in or into the United States of America exceeding U.S. $59.8 million during Lundin's most recent fiscal year.

(b) As of the date hereof , Lundin is a "foreign private issuer" as defined in Rule 405 under the United States *Securities Act of* 1933, as amended.

(c) Lundin is not registered, and is not required to be registered, under the United States *Investment Company Act of 1940*, as amended.

(d) The Lundin Shares to be issued pursuant to the Plan of Arrangement will be exempt from the registration requirements of the United States *Securities Act of 1933*, as amended.

3.19 Investment Canada

Lundin is not a "non-Canadian" within the meaning of the *Investment Canada Act* (Canada).

3.20 Due Diligence Investigations

(a) The books and records of the Lundin Group made available to Tenke, or its representatives or Advisers, in connection with their due diligence investigations are the original books and records of such entities and contain copies of all proceedings of the directors, shareholders and other securityholders of such entities (or certified copies thereof).

(b) All information relating to the business, assets, liabilities, properties, capitalization or financial condition of the Lundin Group or any member thereof provided by any Lundin Group Member or any of its Advisers to Tenke is true, accurate and complete in all material respects.

ARTICLE IV
COVENANTS OF TENKE

From and after the date hereof and until the Closing Date (except as hereinafter otherwise provided), unless Lundin shall otherwise agree in writing:

4.1 Access

Subject to Lundin's continuing compliance with the Confidentiality Agreement, Tenke shall permit, and shall cause each Tenke Group Member to permit:

(a) Lundin and its Advisers to have reasonable access at reasonable times to all properties, books, accounts, records, Contracts, files, correspondence, tax records, and documents of or relating to the Tenke Group including auditors' working papers and management letters and to discuss such matters with the executive officers of the Tenke Group; Tenke shall make available to Lundin and its Advisers a copy of each report or document filed pursuant to Canadian Securities Laws and all other information concerning its business and properties in its possession or under its control as Lundin may reasonably request; and

(b) Lundin to conduct, or cause its agents to conduct, such reasonable reviews, inspections, surveys, tests, and investigations of the assets of the Tenke Group as they deem necessary or advisable, provided such reviews are conducted at reasonable times and in a reasonable manner.

4.2 Ordinary Course

Tenke shall (and shall cause each Tenke Group Member to) conduct its business only in the ordinary and usual course and use all reasonable efforts to preserve its business organizations intact and its existing relations with customers, suppliers, employees, and business associates, and Tenke shall not (and shall cause each Tenke Group Member not to) do any of the following:

(a) sell or pledge or agree to sell or pledge any capital stock owned by it in any of its subsidiaries, except pursuant to the Arrangement;

(b) amend its Articles or Certificate of Incorporation (or like charter documents) or By-laws except as contemplated by the Arrangement;

(c) subdivide, split, combine, consolidate, or reclassify any of its outstanding shares of capital stock;

(d) declare, set aside or pay any dividend or make any other distribution payable in cash, shares, securities or property with respect to any of its shares of capital stock other than consistent with past practice, and other than dividends or distributions declared, set aside, paid or payable by any Tenke Group Member to Tenke, except pursuant to the Arrangement;

(e) repurchase, redeem, or otherwise acquire, directly or indirectly, any of its capital stock or any securities convertible into or exchangeable or exercisable into any of its capital stock;

(f) incur, guarantee, assume or modify any additional indebtedness for borrowed money in an aggregate amount in excess of $10,000,000 other than in the ordinary course of business;

(g) enter into any material transaction not in the ordinary course of its business;

(h) issue, sell, pledge, dispose of or encumber, or authorize or propose the issuance, sale, pledge, disposition, or encumbrance of, any shares of its capital, or any securities convertible into or exchangeable or exercisable for, or options, puts, warrants, calls, commitments or rights of any kind to acquire, any of its shares of capital other than pursuant to this Agreement or currently outstanding securities directly or indirectly convertible into or exchangeable or exercisable for Tenke Shares and pursuant to the exercise of options outstanding under Tenke's stock option plan;

(i) transfer, lease, license, sell, mortgage, pledge, encumber, or dispose of any material property or assets other than in the ordinary and usual course of business consistent with past practice;

(j) make, whether by arrangement, consolidation or purchase, any acquisition of, or investment in, assets, shares, capital stock or other securities of any other person or entity other than its wholly-owned subsidiaries or in the ordinary and usual course of business consistent with past practice;

(k) except as may be required to satisfy contractual obligations existing as of the date hereof and the requirements of applicable Law, establish, adopt, enter into, make, amend in any respect, or make any elections under any collective bargaining agreement or Employee Plan or enter into any new or amend any existing employment, consulting or other agreement providing compensation or benefits to any executive employee or director,

except for employment agreements with new employees (other than Lundin corporate staff) entered into in the ordinary course of business which agreements do not provide for the payment of "golden parachutes" or other amounts in respect of severance which are triggered by the transactions set forth herein;

(l) except as may be required to satisfy contractual obligations or Tenke Group Employee Plan obligations existing as of the date hereof and the requirements of applicable Law: (i) amend any Tenke Group Employee Plan where such amendment would increase any Tenke Group Member's annual or aggregate liability or funding obligations in connection with such Tenke Group Employee Plan by more than five percent, (ii) terminate or merge any Employee Plan(s), (iii) transfer assets from any Tenke Group Employee Plan or any agreement with any officer, director or employee of Tenke, (iv) extend membership, benefits or coverage under any Tenke Group Employee Plan to any employee who is not currently eligible to receive such membership, benefits or coverage, (v) incorporate any "change in control" provision into any Tenke Group Employee Plan, or modify any "change in control" provision presently contained in any Tenke Group Employee Plan or any agreement with any officer, director or employee of Tenke, or (vi) transfer any employee from any Tenke Group Member to any other Tenke Group Member in circumstances where such transfer would increase the Tenke Group Member's collective expenses in connection with the employment of such employee;

(m) implement any change in its accounting principles, practices, or methods, other than as may be required by generally accepted accounting principles;

(n) except as contemplated herein, alter (through arrangement, liquidation, reorganization, restructuring or in any other fashion) the corporate structure or ownership of any Tenke Group Member;

(o) withdraw, permit or consent to the removal of any assets of any of the Employee Plans maintained by any Tenke Group Member other than for the purpose of paying benefits in the ordinary course and payment of expenses in accordance with past practice and under the terms of such plan;

(p) authorize or enter into any agreement or understanding of any type whatsoever, whether written or oral to take any of the actions referred to in this Section.

It is expressly understood, agreed and acknowledged that any action by Tenke or Tenke Holdings to cause TF Holdings and TFM to conduct business in accordance with the Shareholder's Agreement including, without limitation, the voting of shares, the provision of guarantees or indemnities and/or the provision of additional funding through Tenke's commitments for its portion of the senior debt and equity for the Tenke Fungurume Project to such corporations in accordance with the Shareholder's Agreement shall not in any circumstances be deemed to be a violation of the foregoing covenants.

4.3 Insurance

Tenke shall ensure that all property, real and personal, owned or leased by any Tenke Group Member continues to be insured substantially in the manner and to the extent set forth in Section 2.45.

4.4 Closing Conditions

Tenke shall use all reasonable efforts to cause all of the conditions to the obligations of Lundin under this Agreement to be satisfied on or prior to the Closing Date (to the extent the satisfaction of such conditions is within the control of the Tenke Group).

4.5 Tenke Shareholder Approval

Tenke shall seek approval of the Tenke Arrangement Resolution by the Tenke Shareholders as soon as practicable following receipt of the Interim Order and distribution of the Tenke Information Circular to the Tenke Shareholders. Tenke shall use commercially reasonable efforts to obtain the approval of the Tenke Shareholders and, without limitation, the Board of Directors of Tenke shall unanimously (other than those Directors who abstain from voting) recommend that the Tenke Shareholders vote to approve the Tenke Arrangement Resolution, subject only to Section 4.6 hereof.

4.6 No Shop

(a) From and after the date hereof until the Closing Date, Tenke shall not, and it shall ensure that no other Tenke Group Member and their respective directors do not and shall not permit the respective officers, employees, representatives, or other Advisers of Tenke to directly or indirectly:

(i) solicit, initiate, or engage in discussions or negotiations with any person, encourage submission of any inquiries, proposals, or offers by, or take any other action intended or designed to facilitate the efforts of any person, other than Lundin, relating to:

(A) the possible acquisition of, or business combination with, Tenke or any other Tenke Group Member (whether by way of amalgamation, arrangement, consolidation, take-over bid, purchase of shares, purchase of assets, or otherwise);

(B) the possible acquisition of more than 10% of its or their shares of capital stock or a material portion of its assets, on a consolidated basis;

(C) any take-over bid, or exchange offer or other secondary purchase; or

(D) any other transaction, the consummation of which would reasonably be expected to prevent or materially impede, interfere with or delay the consummation of the Arrangement;

(any of the foregoing, a "Tenke Competing Proposal"); or

(ii) provide non-public information with respect to Tenke or any Tenke Group Member, or afford any access to the properties, books, or records of the same, to any Person, that may wish to propose or pursue a Tenke Competing Proposal, provided, however, that in response to an unsolicited *bona fide* Tenke Competing Proposal (as defined above), Tenke may: (A) furnish such information or access with respect to Tenke and the Tenke Group to the person making such Tenke Competing Proposal pursuant to a confidentiality agreement with such person that is no less restrictive than the Confidentiality Agreement, or (B) engage in discussions or participate in negotiations regarding such Tenke Competing

Proposal, but in each case only if (x) the Board of Directors of Tenke determines in good faith, after consultation with outside counsel, that such action is necessary in order for such Board to act in a manner consistent with their fiduciary duties under applicable law, (y) the Board of Directors of Tenke determines in good faith that the Tenke Competing Proposal could reasonably be expected to result in a Superior Proposal; and (z) Tenke complies with Section 4.6(c) with respect to such proposal.

Without limiting the foregoing, it is understood that any violation of the restrictions set forth in the preceding sentence by a Tenke Group Member or any officer, director or employee or other Adviser or representative of Tenke or any of its subsidiaries shall be deemed to be a breach of this paragraph by Tenke. Tenke shall and shall direct each Tenke Group Member and their respective directors, officers, employees, representatives, and other Advisers to immediately cease any and all activities, discussions, or negotiations with any parties conducted heretofore with respect to any of the foregoing. Tenke shall immediately cease any negotiations or discussions with respect to any Tenke Competing Proposals that are continuing as of the date of this Agreement and will confirm to Lundin that it has demanded from each third party to which it has provided confidential, non-public information that such information be returned to Tenke. Tenke has advised Lundin of all parties with which it is in discussions as of the date of this Agreement regarding a Tenke Competing Proposal.

(b) Except as set forth in this Section 4.6(b), neither Tenke nor the Board of Directors of Tenke nor any committee thereof shall or shall permit any Tenke Group Member to:

(i) withdraw or modify, or propose to withdraw or modify, in a manner adverse to Tenke, their approval of the Arrangement, this Agreement, the transactions contemplated hereby or the recommendation to vote in favour of the Tenke Arrangement Resolution;

(ii) approve or recommend, or propose to approve or recommend, any Tenke Competing Proposal; or

(iii) cause or permit any member of the Tenke Group or any of its subsidiaries to enter into any agreement, including an agreement in principle or letter of intent (any such agreement an "Tenke Transaction Agreement") to effect a Tenke Competing Proposal.

Notwithstanding the foregoing, if Tenke has received a Tenke Superior Proposal (as defined below), the Board of Directors of Tenke may (subject to the other terms of Section 4.6(b)): (A) withdraw or modify its recommendation of the Tenke Arrangement Resolution; (B) approve or recommend a Tenke Superior Proposal; or (C) cause Tenke or any of its subsidiaries to enter into a Transaction Agreement to effect a Superior Proposal, but in each case only if: (x) the Board of Directors of Tenke determines in good faith, after consultation with outside counsel, that such action is necessary in order for them to act in a manner consistent with their fiduciary duties under applicable law; and (y) Tenke shall have furnished Lundin with written notice at least four (4) Business Days prior to the date any such actions are proposed to be taken specifying which actions are proposed to be taken and, after taking into account modifications to this Agreement proposed by Lundin during such three Business Day period, such Tenke Competing Proposal would still constitute a Tenke Superior Proposal. If Lundin makes a proposal to

amend this Agreement to increase the consideration payable to the Tenke Shareholders pursuant to the Arrangement, such that the Tenke Competing Proposal is no longer a Tenke Superior Proposal, each party shall execute such documents to give effect to such proposal and Tenke shall not enter into such Tenke Competing Proposal.

The term "Tenke Superior Proposal" shall mean any bona fide written Tenke Competing Proposal made by a third party that the Board of Directors determines in good faith and by formal resolution, after consultation with its legal and financial advisors: (i) did not result from a material breach of Section 4.6(a) or 4.6(b); (ii) is not subject to a financing or due diligence condition; (iii) is reasonably capable of completion in accordance with its terms without undue delay, taking into account all financial, legal, regulatory and other aspects of such Tenke Competing Proposal and the identity of the third party making such Tenke Competing Proposal; and (iv) would result in a transaction more favourable to the Tenke Shareholders from a financial point of view than the Arrangement and provides for consideration per Tenke Share that has a value that is greater than the consideration per Tenke Share provided under the terms of the Arrangement (including any adjustment to such terms as a result of any modifications to this Agreement proposed by Lundin).

(c) Tenke shall promptly advise Lundin first orally and as soon as practicable and in any event within 24 hours and then in writing of:

(i) any request for information which may relate to a Tenke Competing Proposal;

(ii) any Tenke Competing Proposal; or

(iii) any inquiry with respect to or that could lead to a Tenke Competing Proposal; or

(iv) the identity of any third party making the request, proposal or inquiry in (i), (ii) or (iii) above and shall provide copies of all documentation and a description of the status of any request, proposal or inquiry related to (i), (ii) or (iii) above.

(d) Nothing contained in this Section 4.6 shall prohibit the Board of Directors of Tenke from distributing a circular in response to a take-over bid in accordance with Section 99 of the *Securities Act* (Ontario) and the equivalent provisions of other Canadian Securities Laws provided, however, that the Board of Directors of Tenke shall not, except as permitted by Section 4.6(b), withdraw or modify, or propose to withdraw or modify, its position with respect to this Agreement or the Tenke Arrangement Resolution or approve or recommend, or propose to approve or recommend, a Tenke Competing Proposal (it being understood that an affirmation of the recommendation via press release not later than two days following a request to affirm by Lundin will satisfy this proviso).

(e) Nothing contained in this Section 4.6 shall prohibit the Board of Directors of Tenke from withdrawing, modifying, qualifying or changing its recommendation to Tenke Shareholders in respect of the Tenke Arrangement Resolution or from making any disclosure to the Tenke Shareholders prior to the Effective Date if, in the good faith judgment of the Board of Directors, after consultation with outside counsel, such action is necessary for the Board of Directors to act in a manner consistent with its fiduciary duties under applicable law or is otherwise required under applicable laws, provided that: (i) in the case of any proposal in respect of any such withdrawal, modification, qualification or

change which does not relate to a Tenke Competing Proposal or a Tenke Superior Proposal, and except as may be necessary for the Board of Directors to act in accordance with its fiduciary duties, not less than 48 hours before the Board of Directors considers any proposal in respect of any such withdrawal, modification, withdrawal qualification or change, Tenke shall give Lundin written notice of such proposal and promptly advise Lundin of the proposed consideration of such proposal; and provided further that (ii) where the Board of Directors proposes to exercise its rights under this Section 4.6 (e) as the result of a Lundin Corporate Action that has been taken or is proposed to be taken after the date of this Agreement, the Board shall include a statement to that effect in any notice given to Lundin as aforesaid or, if such notice is not given, concurrent with making the withdrawal, modification, qualification or change (any such statement being a "Section 4.6(e)(ii) Notice").

4.7 Tenke Information Circular

Tenke covenants that the Tenke Information Circular will comply as to form in all material respects with Canadian Securities Law and that none of the information to be supplied by Tenke to Lundin for inclusion or incorporation by reference in the Lundin Information Circular will at the time of the mailing of the Lundin Information Circular contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they are made, not misleading. If at any time prior to the Effective Time any event with respect to Tenke, its officers and directors or any Tenke Group Member shall occur that is required to be described in the Lundin Information Circular, Tenke shall give prompt notice to Lundin of such event.

4.8 Affiliate Letters

Prior to the date of the Tenke Meeting, Tenke shall deliver to Lundin a list of names and addreses of those persons who are, in the opinion of Tenke, as of the time of such Meeting, "affiliates" of Tenke within the meaning of Rule 145 under the United States *Securities Act of 1933*, as amended. Tenke shall provide to Lundin such information and documents as Lundin shall reasonably request for the purposes of reviewing such list. There shall be added to such list the names and addresses of any other person subsequently identified by either Lundin or Tenke as a person who may be deemed to be an affiliate of Tenke; *provided, however*, that no such person identified by Lundin shall be added to the list of affiliates of Tenke if Lundin shall receive from Tenke, on or before the date of the Tenke Meeting, an opinion of counsel reasonably satisfactory to Lundin to the effect that such person is not an affiliate. Tenke shall exercise its reasonable best efforts to deliver or cause to be delivered to Lundin, prior to the Closing Date, from each affiliate of Tenke identified in the foregoing list (as the same may be supplemented as aforesaid), a letter dated as of the Closing Date substantially acknowledging that the Lundin Shares received by such affiliate pursuant to the Plan of Arrangement will be subject to the restrictions set forth in Rule 145 under the United States Securities Act of 1933, as amended and that, at Lundin's discretion, the certificate representing the Lundin Shares received by such affiliates pursuant to the Plan of Arrangement may bear a customary legend regarding such restrictions.

ARTICLE V
LUNDIN'S COVENANTS

From and after the date hereof and until the Closing Date (except as hereinafter otherwise provided), unless Tenke shall otherwise agree in writing:

5.1 Access

Subject to Tenke's continuing compliance with the Confidentiality Agreement, Lundin shall permit, and shall cause each Lundin Group Member to permit:

(a) Tenke and its respective Advisers to have reasonable access at reasonable times to all properties books, accounts, records, Contracts, files, correspondence, tax records, and documents of or relating to the Lundin Group including auditor's working papers and management letters and to discuss such matters with the executive officers of the Lundin Group; Lundin shall make available to Tenke and their Advisers a copy of each report or other document filed pursuant to Canadian Securities Laws or U.S. Securities Laws and all other information concerning its business and properties in its possession or under its control as Tenke may reasonably request; and

(b) Tenke to conduct, or cause its agents to conduct, such reasonable reviews, inspections, surveys, tests, and investigations of the assets of the Lundin Group as they deem necessary or advisable provided such reviews are conducted at reasonable times and in a reasonable manner.

5.2 Ordinary Course

Lundin shall not, and shall cause each Lundin Group Member not to:

(a) amend its Articles or Certificate of Incorporation (or like charter documents) or By-laws, except as contemplated by the Arrangement;

(b) subdivide, split, combine, consolidate, or reclassify any of its outstanding shares of capital stock;

(c) declare, set aside or pay any dividend or make any other distribution payable in cash, shares, stock, securities or property with respect to any of its shares of capital stock other than consistent with past practice, other than dividends or distributions declared, set aside, paid or payable by any Lundin Group Member to Lundin;

(d) repurchase, redeem, or otherwise acquire, directly or indirectly, any of its capital stock or any securities convertible into or exchangeable or exercisable into any of its capital stock; or

(e) incur, guarantee, assume or modify any additional indebtedness for borrowed money in an aggregate amount in excess of $50,000,000 other than in connection with the credit facilities provided in respect of the Rio Narcea Offer or in the ordinary course of business.

5.3 Insurance

Lundin shall ensure that all property, real and personal, owned or leased by any Lundin Group Member continues to be insured substantially in the manner and to the extent they are currently insured.

5.4 Lundin Shareholder Approval

Lundin shall seek approval of the Lundin Resolution by the Lundin Shareholders as soon as practicable following distribution of the Lundin Information Circular to the Lundin Shareholders. Lundin shall use commercially reasonable efforts to obtain such approval and without limitation, the Board of Directors of Lundin shall unanimously (other than those Directors who abstain from voting) recommend that the Lundin Shareholders vote to approve the Lundin Resolution at the Lundin Meeting.

5.5 Closing Conditions

Lundin shall use all reasonable efforts to cause all of the conditions to the obligations of Tenke under this Agreement to be satisfied on or prior to the Closing Date (to the extent the satisfaction of such conditions is within the control of the Lundin Group).

5.6 Stock Exchange Listing

Lundin shall use all commercially reasonable best efforts to cause the Lundin Shares to be issued in connection with the Arrangement to be listed on the TSX, the American Stock Exchange and for Swedish Depositary Receipts in respect of such Lundin Shares to be listed on the Stockholm Stock Exchange, in each case, as of the Closing Date.

5.7 Information in Lundin Information Circular

Lundin covenants that the Lundin Information Circular will comply as to form in all material respects with Canadian Securities Law and that none of the information to be supplied by Lundin to Tenke for inclusion or incorporation by reference in the Tenke Information Circular will at the time of the mailing of the Tenke Information Circular contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they are made, not misleading. If at any time prior to the Effective Time any event with respect to Lundin, its officers and directors or any Lundin Group Member shall occur that is required to be described in the Tenke Information Circular, Lundin shall give prompt notice to Tenke of such event.

5.8 Amalgamation

Promptly after the exchange of securities pursuant to the Plan of Arrangement and, in all events within thirty (30) days of the Effective Date, Lundin shall take all necessary steps to amalgamate Tenke with Lundin or to amalgamate Tenke and a wholly-owned subsidiary of Lundin. Lundin acknowledges that the exchange of securities and such amalgamation are interdependent steps in an integrated transaction intended to constitute a statutory merger or consolidation and further acknowledges that Tenke entered into this Agreement in reliance on the foregoing.

ARTICLE VI
OTHER COVENANTS OF THE PARTIES

6.1 Consents and Notices

Promptly after the date hereof and, if necessary, for a reasonable time after the Closing Date:

(a) The Parties shall use all reasonable efforts, and the Parties shall cooperate with each other to obtain, all consents, waivers, approvals, and authorizations, in addition to those set forth in clause (b) below which may be necessary to effect the Arrangement including,

without limitation, obtaining those consents, waivers, approvals, and authorizations described in Section 2.2 of the Tenke Disclosure Letter and Section 3.2 of the Lundin Disclosure Letter;

(b) Each of Tenke and Lundin will promptly execute and file, or join in the execution and filing of, any application or other document that may be necessary in order to obtain the authorization, approval or consent of any Governmental Entity which may be reasonably required, or which the other party may reasonably request in connection with the consummation of the transactions contemplated by this Agreement. Each of Tenke and Lundin will use reasonable efforts to obtain promptly all such authorizations, approvals and consents.

6.2 Information Circulars

(a) Each of Tenke and Lundin shall use all commercially reasonable efforts to prepare, as promptly as practicable after the date of this Agreement, the Tenke Information Circular, and the Lundin Information Circular respectively, together with any other documents required under Canadian Securities Laws in connection with the Tenke Meeting and the Lundin Meeting.

(b) As soon as practicable after the date hereof, Tenke shall apply to the Court pursuant to Section 192(4) of the CBCA for the Interim Order and, as soon as practicable after the Interim Order has been obtained from the Court, Tenke shall call and hold the Tenke Meeting and Lundin shall call and hold the Lundin Meeting and each shall mail the Tenke Information Circular or the Lundin Information Circular, as applicable, and all other documentation required in connection with the Meetings to each of their respective shareholders. The Meetings shall be held at the earliest practicable date following the mailing of the Tenke Information Circular and the Lundin Information Circular, respectively.

(c) The Tenke Information Circular shall include, *inter alia*, the unanimous (other than those Directors who abstained from voting) recommendation of the Board of Directors of Tenke that its shareholders vote in favour of approval of the Tenke Arrangement Resolution, subject to the right of the Board of Directors of Tenke to withdraw or amend its recommendation in compliance with Section 4.6 of this Agreement.

(d) The Lundin Information Circular shall include, *inter alia,* the unanimous recommendation of the Board of Directors of Lundin (other than those Directors who abstained from voting) that its shareholders vote in favour of the Lundin Resolution.

(e) If the Tenke Arrangement Resolution is approved at the Tenke Meeting, as provided in the Interim Order, and the Lundin Resolution is approved at the Lundin Meeting, as soon as reasonably practicable thereafter, Tenke and Newco shall take the necessary steps to submit the Arrangement to the Court and apply for the Final Order in such manner as the Court may direct.

6.3 Defense of Proceedings

Lundin, on the one hand, and Tenke, on the other hand, shall vigorously defend, or shall cause to be vigorously defended, any lawsuits or other legal proceedings brought against Lundin, Tenke or any Lundin Group Member or Tenke Group Member, or their respective officers, directors or shareholders, challenging this Agreement or the completion of the Arrangement, and the Parties shall cooperate with each other in all respects in such defense. Neither Lundin nor Tenke shall compromise or settle any claim brought in connection with the Arrangement, without the prior written consent of the other Party.

6.4 Press Releases

Before issuing any press release or otherwise making any public statements with respect to the this Agreement or the Arrangement, Lundin and Tenke shall consult with each other and shall undertake reasonable efforts to agree upon the terms of such press release, and shall not issue any such press release or make any such public statement prior to such consultation, except as may be required by applicable Law or by obligations pursuant to any listing agreement with any stock exchange.

ARTICLE VII
CONDITIONS TO OBLIGATIONS OF LUNDIN

7.1 Conditions Precedent to Completion of Arrangement

The obligation of Lundin to complete the Arrangement is subject to the satisfaction of the following conditions on or prior to the Closing Date, each of which may be waived by Lundin:

(a) The representations and warranties of Tenke and Newco set forth in Article II qualified as to materiality shall be true and correct, and the representations and warranties not so qualified shall be true and correct in all material respects as of the date of this Agreement and on the Closing Date as if made on the Closing Date, except for such representations and warranties made expressly as of a specified date which shall be true and correct in all material respects as of such date; and Lundin shall have received a certificate signed on behalf of Tenke by an executive officer thereof to such effect dated as of the Closing Date;

(b) Tenke shall have performed and complied in all material respects with all covenants and agreements required by this Agreement to be performed or complied with by it prior to or on the Closing Date and Lundin shall have received a certificate signed on behalf of Tenke by an executive officer thereof to such effect;

(c) There shall not have occurred any Material Adverse Change in the Tenke Group since the date of this Agreement;

(d) The Tenke Lock Up Agreements shall have been entered into by each of the Tenke Locked-Up Shareholders and shall not have been terminated or otherwise breached in any material manner by any of the Tenke Locked Up Shareholders, such that it is clear that as a result of such breach or termination such Tenke Locked Up Shareholder will not vote all of its Tenke Shares in favour of the Tenke Arrangement Resolution.

(e) Dissent Rights shall have been exercised in respect of no more than 5% of the issued and outstanding Tenke Shares.

ARTICLE VIII
CONDITIONS TO OBLIGATIONS OF TENKE

8.1 Conditions Precedent to Completion of Arrangement

The obligation of Tenke to consummate the Arrangement is subject to the satisfaction of the following conditions on or prior to the Closing Date, each of which may be waived by Tenke:

(a) The representations and warranties of Lundin set forth in Article III qualified as to materiality shall be true and correct, and the representations and warrantees not so qualified shall be true and correct in all material respects as of the date hereof and on the Closing Date as if made on the Closing Date, except for such representations and warranties made expressly as of a specified date which shall be true and correct in all material respects as of such date, and Tenke shall have received certificates signed on behalf of Lundin by an executive officer thereof to such effect dated as of the Closing Date;

(b) Lundin shall have performed and complied in all material respects with all covenants and agreements required by this Agreement to be performed or complied with by Lundin prior to or on the Closing Date and Tenke shall have received a certificate signed on behalf of Lundin by an executive officer thereof to such effect;

(c) There shall not have occurred any Material Adverse Change in the Lundin Group since the date of this Agreement.

(d) The Lundin Lock Up Agreements shall have been entered into by each of the Lundin Locked-Up Shareholders and shall not have been terminated or otherwise breached in any material manner by any of the Lundin Locked Up Shareholders, such that it is clear that as a result of such breach or termination such Lundin Locked Up Shareholder will not vote all of its Lundin Shares in favour of the Lundin Resolution.

ARTICLE IX
MUTUAL CONDITIONS PRECEDENT

9.1 Mutual Conditions Precedent

The obligations of Lundin and Tenke to complete the Arrangement are subject to the satisfaction of the following conditions on or prior to the Closing Date, each of which may be waived only with the consent in writing of Lundin and Tenke:

(a) The Tenke Shareholders shall have approved the Tenke Arrangement Resolution at the Tenke Meeting and, in particular, shall have approved the Arrangement in accordance with the Interim Order;

(b) The Lundin Shareholders shall have approved the Lundin Resolution at the Lundin Meeting;

(c) The Interim Order and the Final Order shall have been granted in form and substance satisfactory to each of Lundin and Tenke, acting reasonably and shall not have been set

aside or modified in a manner unacceptable to Lundin or Tenke, acting reasonably, on appeal or otherwise;

(d) No temporary restraining order, preliminary injunction, permanent injunction or other order preventing the consummation of the Arrangement shall have been issued by any federal, state, or provincial court (whether domestic or foreign) having jurisdiction and remain in effect;

(e) The Lundin Shares to be issued pursuant to the Arrangement shall have been approved for listing on the Toronto Stock Exchange and the American Stock Exchange. subject to official notice of issuance and other normal conditions and the Swedish Depository Receipts relating to the Lundin Shares to be issued in connection with the Arrangement shall have been listed on the Stockholm Stock Exchange, in each case on the Effective Date or as soon as practicable thereafter. The Newco Shares to be issued pursuant to the Arrangement shall have been approved for listing on the Toronto Stock Exchange or the TSX Venture Exchange, subject to official notice of issuance and other normal conditions on the Effective Date or as soon as practicable thereafter;

(f) On the Closing Date, no cease trade order or similar restraining order of any other provincial securities administrator relating to the Lundin Shares, the Tenke Shares or the Newco Shares shall be in effect;

(g) There shall not be pending or threatened any suit, action or proceeding by any Governmental entity, before any court or governmental authority, agency or tribunal, domestic or foreign, that has a significant likelihood of success, seeking to restrain or prohibit the consummation of the Arrangement or any of the other transactions contemplated by this Agreement or seeking to obtain from Lundin or Tenke any damages that are material in relation to Lundin, Tenke and their subsidiaries taken as a whole;

(h) The distribution of the Lundin Shares and the Newco Shares pursuant to the Arrangement shall be exempt from the prospectus and registration requirements of applicable Canadian Securities Law either by virtue of exemptive relief from the securities regulatory authorities of each of the provinces of Canada or by virtue of applicable exemptions under Canadian Securities Laws and are not subject to resale restrictions under applicable Canadian Securities Laws (other than as applicable to control persons);

(i) The Lundin Shares to be issued in the United States in connection with the Arrangement shall be exempt from registration requirements under the *Securities Act* 1933 of the United States of America and, except with respect to persons deemed "affiliates" under such Act of Tenke prior to completion of the Arrangement, and Newco immediately prior to completion of the Amalgamation, the Lundin Shares to be distributed in the United States pursuant to the Arrangement are not subject to resale restrictions in the United States under the *Securities Act 1933*, as amended.

ARTICLE X
CLOSING AND TERMINATION

10.1 Closing

(a) The Closing shall take place at such place and on such date as Tenke and Lundin may agree, which date, subject to fulfilment or waiver of the conditions set forth in Article VII, Article VIII and Article IX (other than such conditions as can only be fulfilled at the Closing) shall be the fifth Business Day following the day on which the last of the conditions set forth in Article VII, Article VIII and Article IX (other than such conditions as can only be fulfilled at the Closing) shall have been fulfilled or waived, or at such other time and place as Lundin and Tenke shall agree. Each of the parties hereto covenants and agrees to give the other parties hereto notice of the satisfaction of each of the conditions set forth in Article VII, Article VIII and Article IX forthwith after their satisfaction.

(b) On the Closing Date, the Articles shall be filed by Tenke and Newco with the Director and the Arrangement shall occur in the manner set forth in the Plan of Arrangement.

10.2 Termination of this Agreement

This Agreement may be terminated at any time prior to the Effective Time, whether before or after approval of the Tenke Arrangement Resolution by the Tenke Shareholders or any other matters presented in connection with the Arrangement:

(a) By mutual written consent of Lundin and Tenke;

(b) By Lundin or Tenke if there has been a breach of any of the representations, warranties, covenants and agreements on the part of the other (the "Breaching Party") set forth in this Agreement, which breach has or is likely to result in the failure of the conditions set forth in Section 7.1, 8.1 or 9.1 as the case may be to be satisfied and in each case has not been cured within ten (10) Business Days following receipt by the Breaching Party of notice of such breach from the non-breaching party (the "Non-Breaching Party");

(c) By either Lundin or Tenke if any permanent order, decree, ruling or other action of a court or other competent authority restraining, enjoining or otherwise preventing the consummation of the Arrangement shall have become final and non-appealable;

(d) By Lundin if:

(i) Tenke or the Board of Directors of Tenke, or any committee thereof, withdraws or modifies in a manner adverse to Lundin, its approval of this Agreement or its recommendation to vote in favour of the Tenke Arrangement Resolution or approves or recommends a Tenke Competing Proposal or resolves to do any of the foregoing; or

(ii) Tenke or any of its affiliates shall have entered into a Tenke Transaction Agreement to effect a Competing Proposal; or

(iii) the Arrangement is not approved by the Tenke Shareholders in accordance with the Interim Order;

it being understood that the foregoing shall in no way limit the obligations of Tenke under Section 4.6 hereof or Lundin's right to relief for breaches of Section 4.6.

(e) By Tenke if:

(i) Lundin or the Board of Directors of Lundin or any committee thereof withdraw their approval of this Agreement or recommendation to vote in favour of the Lundin Resolution, or resolve to do so; or

(ii) the Arrangement is not approved by the Tenke Shareholders in accordance with the Interim Order;

(f) by Tenke if Tenke or any Tenke Group Member enters into a Tenke Transaction Agreement to effect a Tenke Competing Proposal in a manner permitted by Section 4.6, provided that Tenke concurrently pays Lundin the Termination Fee as provided in Section 10.4 hereof;

(g) by Tenke if: (i) following the date hereof, Lundin amends the terms of the Rio Narcea Offer by increasing or changing the form of the consideration payable thereunder; and (ii) the Board of Directors of Tenke determines, in good faith, that if the Rio Narcea Offer is completed on such amended terms, completing the Arrangement will no longer be in the best interests of Tenke or is no longer fair, from a financial point of view, to the holders of Tenke Shares;

(h) by Tenke or Lundin if the Lundin Resolution is not approved by the Lundin Shareholders at the Lundin Meeting provided that, in the case of a termination by Lundin, Lundin pays the liquidated damages as provided in Section 10.3 hereof concurrent with such termination;

(i) by Lundin if any of the Tenke Lock Up Agreements have been terminated or otherwise breached in any material manner by any of the Tenke Locked Up Shareholders, such that it is clear that as a result of such breach or termination such Tenke Locked Up Shareholder will not vote all of its Tenke Shares in favour of the Tenke Arrangement Resolution;

(j) by Tenke if any of the Lundin Lock Up Agreements have been terminated or otherwise breached in any material manner by any of the Lundin Locked Up Shareholders, such that it is clear that as a result of such breach or termination such Lundin Locked Up Shareholder will not vote all of its Lundin Shares in favour of the Lundin Resolution;

(k) by Lundin or Tenke if the Arrangement is not completed by the Termination Date provided that the party then seeking to terminate this Agreement is not then in default of any of its obligations hereunder; or

(l) by Lundin if Tenke has breached the provisions of Subsections 4.6(a) or (b) hereof in any material manner.

10.3 Tenke Termination Fee

In the event this Agreement is terminated by Lundin or Tenke pursuant to Section 10.2(h) hereof, Lundin shall pay to Tenke within five (5) Business Days of such termination the amount of $3,000,000 by bank draft or wire transfer in immediately available funds to an account designated by Tenke to compensate Tenke for the termination of its rights under this Agreement.

10.4 Termination Fee

In the event that this Agreement is terminated:

(a) by Tenke pursuant to Section 10.2(f); or

(b) by Lundin pursuant to Section 10.2(d)(i), unless such termination is the result of a change of recommendation by Tenke pursuant to Section 4.6(e)(ii) hereof as the result of a Lundin Corporate Action and Tenke has delivered a Section 4.6(e)(ii) Notice to Lundin; or

(c) by Lundin pursuant to Section 10.2 (d)(ii); or

(d) by Lundin pursuant to Section 10.2 (l);

then, provided that Lundin is not in any material respect in default in the performance of its obligations under this Agreement, Tenke shall pay to Lundin, within five (5) Business Days, a termination fee in the amount of $30,000,000 (the "Termination Fee") by bank draft or wire transfer in immediately available funds to an account designated by Lundin to compensate Lundin for the termination of its rights under this Agreement.

10.5 Survival of Representations and Warranties; Limitation

The representations and warranties set forth in Article II and Article III shall expire and be terminated on the earlier of the Effective Date or the termination of this Agreement.

ARTICLE XI
MISCELLANEOUS

11.1 Further Actions

From time to time, as and when requested by any Party, the other Parties shall execute and deliver, and use all reasonable efforts to cause to be executed and delivered, such documents and instruments and shall take, or cause to be taken, such further or other actions as may be reasonably requested in order to:

(a) carry out the intent and purposes of this Agreement;

(b) effect the Arrangement (or to evidence the foregoing); and

(c) consummate and give effect to the other transactions, covenants, and agreements contemplated by this Agreement.

11.2 Expenses

Except as otherwise provided herein, each of the parties hereto shall be responsible for the payment of all expenses incurred by them in connection with this Agreement and the Arrangement.

11.3 Entire Agreement

This Agreement, which includes the Schedules hereto and the other documents, agreements, and instruments executed and delivered pursuant to or in connection with this Agreement, contains the entire Agreement among the Parties with respect to matters dealt within herein and, except as expressly provided herein, supersedes all prior arrangements or understandings with respect thereto.

11.4 Descriptive Headings

The descriptive headings of this Agreement are for convenience only and shall not control or affect the meaning or construction of any provision of this Agreement.

11.5 Notices

All notices or other communications which are required or permitted hereunder shall be in writing and sufficient if delivered personally or sent by telecopier, nationally recognized overnight courier, or registered or certified mail, postage prepaid, addressed as follows:

(a) If to Lundin:

Lundin Mining Corporation
2101-885 West Georgia Street
Vancouver, British Columbia
V6C-3E8

Attention: Mr. Colin K. Benner

Facsimile: (604) 689-4250

with a copy (which shall not constitute notice) to:

McCullough, O'Connor Irwin LLP
1100-888 West Georgia Street
Vancouver, British Columbia
V6C-3K4

Attention: Kevin Hisko

Facsimile: (604) 687-7099

(b) If to Tenke:

Tenke Mining Corp.
Suite 2101-885 West Georgia Street
Vancouver, British Columbia
V6C 3E8

Attention: Paul Conibear, President and Chief Executive Officer

Facsimile: (604) 689-4250

Any such notices or communications shall be deemed to have been received: (i) if delivered personally or sent by telecopier (with transmission confirmed) or nationally recognized overnight courier, on the date of such delivery; or (ii) if sent by registered or certified mail, on the third Business Day following the date on which such mailing was postmarked. Any Party may by notice change the address to which notices or other communications to it are to be delivered or mailed.

11.6 Governing Law

This Agreement shall be governed by and construed in accordance with the Laws of the Province of Ontario and the federal laws of Canada applicable therein, except that any representations and warranties with respect to real and tangible property shall be governed by and construed in accordance with the Laws of the jurisdiction where such property is situated if other than in the Province of Ontario.

Any action, suit, or other proceeding initiated by Tenke or Lundin in connection with this Agreement may be brought in any court in the Province of Ontario, as the Party bringing such action, suit, or proceeding shall elect, having jurisdiction over the subject matter thereof, Tenke or Lundin hereby submit themselves to the jurisdiction of any such court for the purpose of any such action and agree that service of process on them in any such action, suit, or proceeding may be effected by the means by which notices are to be given to it under this Agreement.

11.7 Assignability

This Agreement shall be binding upon and shall enure to the benefit of and be enforceable by the Parties and their respective successors and assigns, provided that this Agreement shall not be assignable otherwise than by operation of law by any Party without the prior written consent of the other Parties, and any purported assignment by any Parties without the prior written consent of the other Party shall be void.

11.8 Remedies

The Parties acknowledge that the remedy at law for any breach of the obligations undertaken by the Parties is and shall be insufficient and inadequate and that the Parties shall be entitled to equitable relief, in addition to remedies at law. In the event of any action to enforce the provisions of this Agreement, each of the Parties waive the defense that there is an adequate remedy at law. Without limiting any remedies any Party may otherwise have, in the event any other Party refuses to perform its obligations under this Agreement, the Parties shall have, in addition to any other remedy at law or in equity, the right to specific performance.

11.9 Waivers and Amendments

Any waiver of any term or condition of this Agreement, or any amendment or supplementation of this Agreement, shall be effective only if in writing. A waiver of any breach or failure to enforce any of the terms or conditions of this Agreement shall not in any way affect, limit, or waive a Party's rights hereunder at any time to enforce strict compliance thereafter with every term or condition of this Agreement.

11.10 Illegalities

In the event that any provision contained in this Agreement shall be determined to be invalid, illegal, or unenforceable in any respect for any reason, the validity, legality, and enforceability of any

such provision in every other respect and the remaining provisions of this Agreement shall not, at the election of the Party for whose benefit the provision exists, be in any way impaired.

11.11 Currency

Except as otherwise set forth herein, all references to amounts of money in this Agreement are to Canadian Dollars.

11.12 Counterparts

This Agreement may be executed in any number of counterparts by original or telefacsimile signature, each of which will be an original as regards any party whose signature appears thereon and all of which together will constitute one and the same instrument. This Agreement will become binding when one or more counterparts hereof, individually or taken together, bears the signatures of all the parties reflected hereon as signatories.

IN WITNESS WHEREOF, the undersigned have executed and delivered this Agreement as of the day and year first above written.

LUNDIN MINING CORPORATION

By *"Colin K. Benner"*
Name: Colin K. Benner
Title: Vice Chairman and Director

TENKE MINING CORP.

By: *"Paul K. Conibear"*
Name: Paul K. Conibear
Title: President and Chief Executive Officer

6749461 CANADA INC.

By: *"John H. Craig"*

Name: John H. Craig
Title: Director

SCHEDULE A
CERTAIN DEFINITIONS

"**Advisers**" when used with respect to any Person, shall mean such Person's directors, officers, employees, representatives, agents, counsel, accountants, advisers, engineers, and consultants.

"**Agreement**" shall mean this Arrangement Agreement, as it may be amended or supplemented at any time and from time to time after the date hereof.

"**Affiliate**" shall have the meaning ascribed to such term in National Instrument 45-106 of the Canadian Securities Administrators.

"**Arrangement**" shall mean an arrangement under Section 192 of the CBCA, on the terms and subject to the conditions set out in the Plan of Arrangement, subject to any amendments or variations thereto made in accordance with the provisions of this Agreement or Section 6.3 of the Plan of Arrangement, or made at the direction of the Court in the Final Order.

"**Breaching Party**" shall have the meaning ascribed to such term in Section 10.2.

"**Business Day**" shall mean any day other than a Saturday or Sunday or other day on which Canadian Chartered Banks located in the Cities of Toronto or Vancouver are required or permitted to close.

"**Canadian Securities Laws**" means the *Securities Act* (or equivalent legislation) in each of the Provinces of Canada and the respective regulations under such legislation together with applicable published rules, regulations, policy statements, national instruments and memoranda of understanding of the Canadian Provincial Securities Administrators and the securities regulatory authorities in such provinces.

"**Class A Shares**" means Class A common shares in the capital of Tenke which are to be created in accordance with the Plan of Arrangement;

"**Class B Shares**" means Class B common shares in the capital of Tenke which are to be created in accordance with the Plan of Arrangement;

"**Closing**" shall mean the consummation of the Arrangement in accordance with the provisions of this Agreement.

"**Closing Date**" shall mean the date on which the Closing occurs.

"**Confidentiality Agreement**" means the Confidentiality Agreement dated January 31, 2007 made between Lundin and Tenke and all extensions or amendments thereto.

"**Contract**" shall mean any contract, lease, agreement, instrument, license, commitment, order, or quotation, written or oral.

"**Court**" means the Ontario Court (General Division - Commercial List).

"**Effective Date**" shall have the meaning ascribed to such term in the Plan of Arrangement;

"**Effective Time**" shall have the meaning ascribed to such term in the Plan of Arrangement;

"**Employee Plans**" shall mean all plans, arrangements, agreements, programs, policies or practices, whether oral or written, formal or informal, funded or unfunded, maintained for employees, including, without limitation:

(a) any employee benefit plan or material fringe benefit plan;

(b) any retirement savings plan, pension plan or compensation plan, including, without limitation, any defined benefit pension plan, defined contribution pension plan, group registered retirement savings plan or supplemental pension or retirement income plan;

(c) any bonus, profit sharing, deferred compensation, incentive compensation, stock compensation, stock purchase, hospitalization, health, drug, dental, legal disability, insurance (including without limitation unemployment insurance), vacation pay, severance pay or other benefit plan, arrangement or practice with respect to employees or former employees, individuals working on contract, or other individuals providing services of a kind normally provided by employees; and

(d) where applicable, all statutory plans, including, without limitation, the Canada or Quebec Pension Plans.

"**Environmental Laws**" shall mean Laws regulating or pertaining to the generation, discharge, emission or release into the environment (including without limitation ambient air, surface water, groundwater or land), spill, receiving, handling, use, storage, containment, treatment, transportation, shipment, disposition or remediation or clean-up of any Hazardous Substance, as such Laws are amended and in effect as of the date hereof.

"Feasibility Study" means the "Tenke Fungurume Feasibility Study, 2006" authored by GRD Minproc Limited, Phelps Dodge Mining Company and Golder Associates.

"**Final Order**" means the final order of the Court approving the Arrangement, as such order may be amended by the Court at any time prior to the Effective Time or, if appealed, unless that appeal is withdrawn or denied, as affirmed or as amended on appeal.

"**GAAP**" shall mean generally accepted accounting principles in Canada, consistently applied.

"**Government**" shall mean:

(a) the government of Canada, or any foreign country;

(b) the government of any province, county, municipality, city, town, or district of Canada, or any foreign country; and

(c) any ministry, agency, department, authority, commission, administration, corporation, bank, court, magistrate, tribunal, arbitrator, instrumentality, or political subdivision of, or within the geographical jurisdiction of, any government described in the foregoing clauses (a) and (b).

"**Governmental**" shall mean pertaining to any Government.

"**Hazardous Substance**" shall include petroleum products, hazardous substances, hazardous waste, or hazardous materials and any other pollutants or contaminants.

"**Income Tax**" shall mean any Tax based on or measured by income (including without limitation based on net income, gross income, income as specifically defined, earnings, profits or selected items of income, earnings or profits); and any interest, Penalties and additions to tax with respect to any such tax (or any estimate or payment thereof).

"**Interim Order**" means an order of the Court made pursuant to Section 192 of the CBCA in respect of the Arrangement providing for, among other things, the calling and holding of the Tenke Meeting for the purpose of considering and, if deemed advisable, approving the Tenke Arrangement Resolution.

"**ITA**" means the *Income Tax Act* (Canada), as amended and all regulations thereunder.

"**Law**" shall mean any of the following of, or issued by, any Government, in effect on or prior to the date hereof, including any amendment, modification or supplementation of any of the following from time to time subsequent to the original enactment, adoption, issuance, announcement, promulgation or granting thereof and prior to the date hereof: any statute, law, act, ordinance, code, rule or regulation of any writ, injunction, award, decree, judgment or order.

"**Liability**" of any Person shall mean and include:

(a) any right against such Person to payment, whether or not such right is reduced to judgment, liquidated, unliquidated, fixed, contingent, matured, unmatured, disputed, undisputed, legal, equitable, secured or unsecured;

(b) any right against such Person to an equitable remedy for breach of performance if such breach gives rise to a right to payment, whether or not such right to any equitable remedy is reduced to judgment, fixed, contingent, matured, unmatured, disputed, undisputed, secured or unsecured; and

(c) any obligation of such Person for the performance of any covenant or agreement (whether for the payment of money or otherwise).

"**Liens**" shall mean liens, encumbrances, licenses, claims, security interests, mortgages, pledges, charges, escrows, options or rights of first refusal or offer.

"**Lundin Corporate Action**" means:

(a) the entry into by Lundin or any Lundin Group Member of any material transaction not in the ordinary course of its business other than: (i) the completion of the Rio Narcea Offer; (ii) any transaction involving (A) the expenditure of not more than $50,000,000; or (B) the issue of Lundin Shares (or any securities convertible into or exchangeable or exercisable for, or options, puts, warrants, calls, commitments or rights of any kind to acquire, any Lundin Shares or any other shares of its capital stock) representing not more than 10% of the issued and outstanding Lundin Shares;

(b) the issue, sale, pledge, disposition or encumbrance by Lundin or any Lundin Group Member of any of its capital stock or any securities convertible into or exchangeable or exercisable for, or options, puts, warrants, calls, commitments or rights of any kind to acquire, any of its shares of capital stock other than (i) pursuant to this Agreement; (ii) to another Lundin Group Member; (iii) pursuant to the Rio Narcea Offer or the financing provided therefor; (iv) the issue of Lundin Shares pursuant to the exercise of currently outstanding securities directly or indirectly convertible into or exchangeable or exercisable for Lundin Shares; (v) the issue of Lundin Shares pursuant to the exercise of options outstanding under Lundin's stock option plan; or (vi) the issue, sale, pledge, disposition or encumbrance of capital stock or securities convertible into or exchangeable or exercisable for, or options, puts, warrants, calls, commitments or rights of any kind to acquire, any of its shares of capital stock representing not more than 10% of the issued and outstanding Lundin Shares

(c) the transfer, lease, license, sale, mortgage, pledge, encumbrance, or disposition by Lundin or any Lundin Group Member of any material property or material assets other than: (i) to another

Lundin Group Member; (ii) in accordance with Section 5.2 (e) of this Agreement; or (iii) in the ordinary and usual course of business consistent with past practice;

(d) any acquisition of, or investment in, assets, shares, capital stock or other securities of any other person or entity by Lundin or any Lundin Group Member, other than its wholly-owned subsidiaries on the date hereof in an amount in excess of $50,000,000 or in the ordinary and usual course of business, consistent with past practice;

(e) any change by Lundin in its accounting principles, practices, or methods, other than as may be required by generally accepted accounting principles; or

(f) except as contemplated herein, any alteration (through arrangement, liquidation, reorganization, restructuring or in any other fashion) of the corporate structure or ownership of Lundin;

"**Lundin Disclosure Letter**" means the letter dated as of the date of this Agreement and delivered by Lundin to Tenke contemporaneously with the execution of this Agreement.

"**Lundin Group**" shall mean and include Lundin and the other Lundin Group Members.

"**Lundin Group Employee Plan**" shall have the meaning ascribed to such term in Section 3.8.

"**Lundin Group Member**" shall mean and include Lundin and any corporation, partnership or company in which Lundin beneficially owns or controls, directly or indirectly, more than 50% of the equity, voting rights, profit interest, capital or other similar interest thereof or any joint venture in which Lundin has a direct or indirect interest.

"**Lundin Information Circular**" means the management information circular of Lundin to be provided to the Lundin Shareholders in respect of the Lundin Resolution and the other matters (if any) to be considered at the Lundin Meeting.

"**Lundin Leased Properties**" means all lands and premises which are leased or subleased from a third party by a Lundin Group Member and all fixtures and improvements on such lands.

"**Lundin Lock-Up Agreements**" means the agreement or agreements among Tenke and each of the Lundin Locked-Up Shareholders in the form attached as Schedule "C" hereto;

"**Lundin Locked-Up Shareholders**" means each of the directors and officers of Lundin and each person, company or trust that has, to the actual knowledge of Lundin based on public filings made pursuant to National Instrument 62-103, (i) direct or indirect beneficial ownership of; (ii) control or direction over; or (iii) a combination of direct or indirect beneficial ownership of and of control or direction over, securities of Lundin carrying more than 10% of the voting rights attached to all of Lundin's outstanding voting securities.

"**Lundin Meeting**" means a special meeting of the Lundin Shareholders called to consider and, if thought fit, approve the Lundin Resolution and any and all adjournments or postponements of such meeting;

"**Lundin Real Property**" means all lands and premises (including fixtures and improvements thereon) owned by a Lundin Group Member.

"**Lundin Resolution**" means a resolution of the Lundin Shareholders approving the issue of Lundin Shares pursuant to the Arrangement.

"**Lundin Securities Documents**" shall have the meaning ascribed in Section 3.7.

"**Lundin Shares**" means common shares in the capital of Lundin.

"**Lundin Shareholders**" means holders of common shares in the capital of Lundin.

"**Material Adverse Change**" or "**Material Adverse Effect**" shall mean, with respect to Tenke, the Tenke Group, Lundin or the Lundin Group any change, event, effect, occurrence or state of facts that has, or could reasonably be expected to constitute a material adverse change in respect of or to have a material adverse effect on, the business, properties, assets, liabilities (including contingent liabilities), prospects, results of operations or financial condition of the Tenke Group or Lundin Group (as applicable) taken as a whole. The foregoing shall not include any change or effects attributable to: (i) changes relating to general economic, political or financial conditions; (ii) relating to the state of securities or commodities markets in general; (iii) generally, changes in the industries in which the applicable Group engages; or (iv) the announcement of the Arrangement.

"**Meetings**" means the Lundin Meeting and the Tenke Meeting, collectively.

"**Newco**" means 6749461 Canada Inc.

"**Newco Shares**" means common shares in the capital of Newco.

"**Non-Breaching Party**" shall have the meaning ascribed to such term in Section 10.2 hereof.

"**Parties**" and "**Party**" means the parties to this Agreement.

"**Penalty**" shall mean any civil or criminal penalty (including any interest thereon), fine, levy, lien, assessment, charge, monetary sanction or payment, or any payment in the nature thereof, of any kind, required to be made to any Government under any Law.

"**Permitted Liens**" shall mean Liens arising out of the ordinary course of business which do not, individually or in the aggregate, materially detract from the use, value or enjoyment (in the ordinary course of business as presently conducted) of the assets which are the subject of such Liens.

"**Person**" shall mean any corporation, partnership, limited liability company or partnership, joint venture, trust, unincorporated association or organization, business, enterprise or other entity; any individual; and any Government.

"**Plan of Arrangement**" means the Plan of Arrangement attached hereto as Schedule "B", as such Plan may be amended, modified or supplemented from time to time in accordance with the provisions hereof or Section 6.3 of the Plan of Arrangement or at the direction of the Court in the Final Order.

"**Revenue Canada**" means the Canada Customs and Revenue Agency, or any successor thereto.

"**Rio Narcea Offer**" means the outstanding offer by Lundin, made by formal take over bid, to acquire the outstanding common shares and warrants of Rio Narcea Gold Mines Ltd. at a price of $5.00 per common share and $1.04 per warrant, in each case payable in cash.

"**Shareholders Agreement**" means the agreement dated January 16, 2004, as amended and novated October 3, 2005 among Tenke Holdings and Phelps Dodge Corporation and others, relating to Tenke Holdings' 30% equity interest in TF Holdings.

"**South American Assets**" means the all of the issued and outstanding shares of the South American Holding Companies.

"**South American Holding Companies**" means Frontera Holdings (Bermuda) Ltd. and its direct and indirect wholly-owned subsidiaries;

"**subsidiary**" shall mean, with respect to a specified corporation, any corporation of which more than fifty per cent (50%) of the outstanding shares ordinarily entitled to elect a majority of the Board of Directors thereof (whether or not shares of any other class or classes shall or might be entitled to vote upon the happening of any event or contingency) are at the time owned directly or indirectly by such specified corporation, and shall include any corporation in like relation to a subsidiary.

"**Tax**" shall mean any tax, levy, charge or assessment imposed by or due any Government, together with any interest, Penalties, and additions to tax relating thereto, including without limitation, any of the following:

(a) any Income Tax;

(b) any franchise, sales, use and value added tax or any license or withholding tax; any payroll, employment, excise, severance, stamp, occupation, premium, windfall profits, alternative or add-on minimum tax; and any customs duties or other taxes;

(c) any tax on property (real or personal, tangible or intangible, based on transfer or gains);

(d) any estimate or payment of any of tax described in the foregoing clauses (a) through (d); and

(e) any interest, Penalties and additions to tax with respect to any tax (or any estimate or payment thereof) described in the foregoing clauses (a) through (e).

"**Tax Code**" means the Internal Revenue Code of 1986 of the United States of America, as amended and the rules and regulations promulgated thereunder.

"**Tax Return**" shall mean all returns, amended returns and reports (including elections, declarations, disclosures, schedules, estimates and information returns) required to be supplied to a Tax authority in Canada or the United States.

"**Tenke Arrangement Resolution**" means the special resolution of the holders of Tenke Shares approving the Plan of Arrangement, as required by the Interim Order and applicable Law.

"**Tenke Competing Proposal**" shall have the meaning ascribed to such term in Section 4.6 of this Agreement.

"**Tenke Convertible Securities**" means any security issued by Tenke which by its terms allows or permits the holder thereof to convert such security into, or to acquire, Tenke Shares.

"**Tenke Disclosure Letter**" means a letter dated as of the date of this Agreement and delivered by Tenke to Lundin contemporaneous with the execution of this Agreement.

"**Tenke Group**" shall mean and include Tenke and Tenke Holdings.

"**Tenke Group Employee Plan**" shall have the meaning ascribed in Section 2.8.

"**Tenke Group Member**" refers to any member of the Tenke Group.

"**Tenke Holdings**" means Tenke Holdings Ltd., a corporation organized and existing under the laws of Bermuda;

"Tenke Information Circular" means the management information circular of Tenke to be provided to the Tenke Shareholders in respect of the Tenke Arrangement Resolution and the other matters (if any) to be considered at the Tenke Meeting.

"Tenke Leased Properties" means all lands and premises which are leased or subleased from a third party by a Tenke Group Member and all fixtures and improvements on such lands.

"Tenke Lock-Up Agreements" means the agreement or agreements among Lundin and each of the Tenke Locked-Up Shareholders in the form attached as Schedule "D" hereto;

"Tenke Locked-Up Shareholders" means each of the directors and officers of Tenke and each person, company or trust that has, to the actual knowledge of Tenke based on public filings made pursuant to National Instrument 62-103, (i) direct or indirect beneficial ownership of; (ii) control or direction over; or (iii) a combination of direct or indirect beneficial ownership of and of control or direction over, securities to Tenke carrying more than 10% of the voting rights attached to all of Tenke's outstanding voting securities.

"Tenke Meeting" means the special meeting of the shareholders of Tenke to be held in accordance with the Interim Order.

"Tenke Real Property" means all lands and premises (including all fixtures and improvements thereon) owned by a Tenke Group Member.

"Tenke Securities Documents " shall have the meaning ascribed to such term in Section 2.7.

"Tenke Shares" means the issued and outstanding common shares of Tenke.

"Tenke Shareholders" means the holders of the issued and outstanding Tenke Shares;

"Termination Date" means July 31, 2007.

"TF Holdings" means TF Holdings Ltd., a company organized under the laws of Bermuda .

"TFM" means Tenke Fungurume Mining SARL, a corporation organized under the laws of The Democratic Republic of Congo.

"Transaction Documents" means this Agreement, the Plan of Arrangement, the Tenke Lock-Up Agreements and the Lundin Lock-Up Agreements and **"Transaction Document"** means any one of them.

"TSX" means the Toronto Stock Exchange.

"TSX-V" means the TSX Venture Exchange.

"U.S. Securities Laws" means the United States *Securities Act of 1933*,as amended, and the United States *Securities Exchange Act of 1934*, as amended, and the rules and regulations promulgated thereunder.

SCHEDULE B
PLAN OF ARRANGEMENT

IN THE MATTER OF THE ARRANGEMENT involving Tenke, Lundin and Newco pursuant to section 192 of the *Canada Business Corporations Act*.

ARTICLE XII
INTERPRETATION

1.1 Definitions

In this Plan of Arrangement, unless the context otherwise requires:

"**Arrangement**" means the arrangement under section 192 of the CBCA on the terms and subject to the conditions set forth in this Plan of Arrangement subject to any amendments or variations thereto made in accordance with section 6.3 of this Plan of Arrangement and section 11.9 of the Arrangement Agreement or made at the discretion of the Court in the Final Order;

"**Arrangement Agreement**" means the Business Coordination Agreement dated April 10, 2007 among Tenke, Newco and Lundin, providing for, among other things, the Arrangement;

"**Articles of Arrangement**" means the articles of arrangement containing this Plan of Arrangement and containing such other provisions as are required under the CBCA, to be filed with the Director after the Final Order is made;

"**Business Day**" means any day other than a Saturday, Sunday or other day on which Canadian Chartered Banks located in the Cities of Toronto and Vancouver are required or permitted to close;

"**Cash**" means the sum of $U.S.5,000,000;

"**CBCA**" means the *Canada Business Corporations Act*, in effect on the date hereof and as amended from time to time prior to the Effective Date;

"**Certificate of Arrangement**" means the certificate of arrangement giving effect to the Arrangement, issued by the Director, pursuant to subsection 192(7) of the CBCA after the Articles of Arrangement have been filed with the Director;

"**Class A Shares**" means the class A common shares in the capital of Tenke which are to be created in accordance with this Plan of Arrangement and which shall have attached thereto the right to vote at all meetings of shareholders of Tenke, the right to dividends as and when declared by the Board of Directors of Tenke, subject to the preferential right of the holders of Class B Shares to dividends and the right to participate in the remaining assets of Tenke upon a winding up;

"**Class B Shares**" means the Tenke Shares following their re-designation as Class B Shares in accordance with this plan of Arrangement, such shares to bear the same rights and privileges as the Tenke Shares provided that such Class B Shares shall be entitled to dividends as and when declared by the Board of Directors of Tenke in preference to dividends to be paid on the Class A Shares;

"**Court**" means the Superior Court of Justice of the Province of Ontario;

"**Depositary**" means , being the depositary appointed by Tenke for the purpose of, among other things, exchanging certificates representing Class A Shares for Lundin Shares, cash in the amount of

$.001 per share and Newco Shares in connection with the Arrangement;

"**Director**" means the Director appointed pursuant to section 260 of the CBCA;

"**Dissent Rights**" means the right of dissent in respect of the Arrangement Resolution that may be exercised by registered holders of Tenke Shares provided in the Interim Order and in Section 4.1 hereof;

"**Dissenting Shareholder**" means a registered holder of Tenke Shares who dissents from the Arrangement Resolution in compliance with the Dissent Rights;

"**Effective Date**" means the date shown on the Certificate of Arrangement;

"**Effective Time**" means 12.01 a.m. (Toronto Time) on the Effective Date;

"**Eligible Holder**" means a Tenke Shareholder other than a Tax Exempt Tenke Shareholder or a Non-Resident Tenke Shareholder;

"**Exchange Ratio**" means 1.73 Lundin Shares for each Class A Share;

"**Final Order**" shall mean the final order of the Court approving the Arrangement, as such order may be amended by the Court at any time before the Effective Time or, if appealed, unless that appeal is withdrawn or denied, as affirmed or amended on appeal;

"Former Tenke Shareholders" means the holders of Tenke Shares immediately prior to the Effective Time;

"**Governmental Entity**" shall mean: (a) any multinational, federal, provincial, territorial, state, regional, municipal, local or other government, governmental or public department, central bank, court, tribunal, arbitral body, commission, board, bureau or agent, domestic or foreign; (b) any subdivision, agent, commission, board or authority of any of the foregoing; or (c) any quasi-governmental or private body exercising any regulatory, expropriation or taxing authority under, or for the account of, any of the foregoing;

"**holders**" means, when used with reference to the securities in the capital of any Person, the holders of such securities shown from time to time on the register maintained by or on behalf of such Person in respect of such securities;

"**Interim Order**" shall mean an interim order of the Court, as may be amended, in respect of the Arrangement, providing for, among other things, the calling and holding of the Tenke Meeting;

"**Lundin**" means Lundin Mining Corporation, a corporation incorporated under the CBCA;

"**Lundin Information Circular**" means the management information circular of Lundin to be provided to the Lundin Shareholders in respect of the Lundin Resolution and the other matters (if any) to be considered at the Lundin Meeting.

"**Lundin Meeting**" means a special meeting of the Lundin Shareholders called to consider and, if thought fit, approve the Lundin Resolution and any and all adjournments or postponements of such meeting;

"**Lundin Resolution**" means a resolution of the Lundin Shareholders approving the issue of Lundin Shares pursuant to the Arrangement.

"**Lundin Shares**" means common shares in the capital of Lundin;

"**Newco**" means 6749461 Canada Inc.;

"**Newco Class A Shares**" means the Class A Shares in the capital of Newco, which are voting, non-participating shares;

"**Newco Shares**" means common shares in the capital of Newco;

"**Non-Resident Tenke Shareholder**" means a Tenke Shareholder who is not, and is not deemed to be, a resident of Canada for the purposes of the Tax Act, and (i) whose Tenke Shares are not "taxable Canadian Property" as defined in the Tax Act or (ii) whose Tenke Shares are "taxable Canadian property" as defined in the Tax Act and who is exempt from Canadian tax in respect of any gain realized on the disposition of Tenke Shares by reason of an exemption contained in an applicable income tax treaty or convention;

"**Person**" shall mean any corporation, partnership, limited liability company or partnership, joint venture, trust, unincorporated association or organization, business, enterprise or other entity; any individual; and any Governmental Entity;

"**Plan of Arrangement**" means this Plan of Arrangement, as such plan may be amended, modified or supplemented from time to time in accordance with the provisions hereof or Section 11.9 of the Arrangement Agreement or at the direction of the Court in the Final Order;

"**Shareholders**" means, collectively, Persons who are holders of issued and outstanding Lundin Shares and Tenke Shares;

"**South American Assets**" means all of the issued and outstanding shares of Frontera Holdings (Bermuda) Ltd., and its direct and indirect wholly owned subsidiaries;

"**Tenke Arrangement Resolution**" means the special resolution of the holders of Tenke Shares approving this Plan of Arrangement, as required by the Interim Order and applicable Law;

"**Tenke Information Circular**" means the management information circular of Tenke to be provided to the Tenke Shareholders in respect of the Tenke Arrangement Resolution and the other matters (if any) to be considered at the Tenke Meeting.

"**Tenke Shares**" means common shares in the capital of Tenke;

"**Tenke Stock Option**" means any option to acquire Tenke Shares that was granted under the Tenke Stock Option Plan and is outstanding prior to the Effective Date;

"**Tenke Stock Option Plan**" means the stock option plan implemented by Tenke on February 10, 1994 and amended on March 26, 2007, subject to receipt of shareholder approval;

"**Tenke Meeting**" shall mean the special meeting of the holders of Tenke Shares called and held in accordance with the Interim Order to consider and, if thought appropriate, approve the Tenke Arrangement Resolution and any and all adjournments or postponements of such meeting;

"**Tenke Shares**" means the common shares in the capital of Tenke;

"**Tax Act**" means the *Income Tax Act* (Canada) and the regulations thereunder as amended from

time to time;

"**Tax Exempt Tenke Shareholder**" means a Tenke Shareholder that is exempt from tax under Part I of the Tax Act.

1.2 Interpretation Not Affected by Headings

The division of this Plan of Arrangement into Articles, sections, subsections and paragraphs and the insertion of headings are for convenience of reference only and shall not affect in any way the meaning or interpretation of this Plan of Arrangement.

1.3 Article References

Unless the contrary intention appears, references in this Plan of Arrangement to an Article, section, subsection or paragraph by number or letter or both refer to the Article, section, subsection or paragraph, respectively, bearing that designation in this Plan of Arrangement.

1.4 Number and Gender

In this Plan of Arrangement, unless the contrary intention appears, words importing the singular number only shall include the plural and vice-versa, and words importing the use of any gender shall include all genders.

1.5 Date for Any Action

If the date on which any action is required to be taken hereunder by any of the parties is not a Business Day, such action shall be required to be taken on the next succeeding day which is a Business Day.

1.6 Governing Law

This Plan of Arrangement shall be governed by and construed in accordance with the laws of the Province of Ontario and the federal laws of Canada applicable therein.

ARTICLE II
PURPOSE AND EFFECT OF THE PLAN OF ARRANGEMENT

2.1 The Arrangement Agreement

The Arrangement is made pursuant to and subject to the provisions of the Arrangement Agreement.

2.2 The Effective Time

This Plan of Arrangement will, upon filing of the Articles of Arrangement and the issuance of the Certificate of Arrangement, become effective in the sequence set out in section 3.2 and will be binding from and after the Effective Time.

2.3 Conditions Precedent

The implementation of this Plan of Arrangement is expressly subject to the fulfilment or waiver, by the party or parties thereto entitled, of the conditions precedent set out in the Arrangement Agreement.

ARTICLE III
THE ARRANGEMENT

3.1 Effectiveness

Subject to the terms of the Arrangement Agreement, this Plan of Arrangement will become effective in the sequence set out in Section 3.2 (except as otherwise provided therein) and will be binding from the Effective Time on: (i) Tenke; (ii) Newco; and (iii) all registered and beneficial owners of Tenke Shares; (iv) all registered and beneficial holders of Tenke options; and (v) all registered and beneficial owners of Newco Shares.

3.2 The Arrangement

On the Effective Date and commencing at the Effective Time, the following shall occur and be deemed to occur in the following order without further act or formality:

(a) the authorized capital of Tenke will be amended by redesignating the Tenke Shares as Class B Shares and the Articles of Tenke shall be deemed to be amended accordingly and each certificate representing an outstanding Tenke Share shall, as and from the time such redesignation is effective, represent a Class B Share;

(b) the authorized capital of Tenke will be amended by the creation of an unlimited number of Class A Shares and the Articles of Tenke shall be deemed to be amended accordingly;

(c) Tenke will transfer the South American Assets and the Cash to Newco and, in consideration therefor, Newco will issue to Tenke, as fully paid and non-assessable, that number of Newco Shares equal to the number of Tenke Shares issued and outstanding immediately before the Effective Time, other than Tenke Shares held by Dissenting Shareholders;

(d) each issued Class B Share, other than those held by Dissenting Shareholders, will be exchanged with Tenke for one Class A Share and one Newco Share acquired by Tenke in accordance with Section 3.2(c) and the certificates representing the outstanding Class B Shares of Tenke shall thereafter represent Class A Shares;

(e) each issued Class B Share held by Dissenting Shareholders (for greater certainty, being Tenke Shareholders who have duly complied with the Dissent Rights and are ultimately entitled to be paid for their dissenting shares) will be acquired by Tenke in consideration for Tenke agreeing to pay the amount to be paid as determined in accordance with Article IV of this Plan of Arrangement in respect of the dissenting shares;

(f) each issued Class B Share acquired in accordance Section 3.2(e) will be cancelled;

(g) the stated capital of Tenke for the outstanding Class A Shares will be an amount equal to the stated capital of Tenke for the Class B Shares, less the fair market value of the Newco Shares distributed to Tenke Shareholders, other than Dissenting Shareholders, pursuant to Section 3.2(d) and the paid-up capital of the Class A Shares of Tenke will be reduced accordingly;

(h) the Class B Shares will be cancelled;

(i) each issued Class A Share will be transferred to Lundin in consideration of 1.73 Lundin Shares and $0.001 in cash;

(j) each Tenke Stock Option outstanding immediately before the Effective Date will be exchanged for a stock option to be issued by Lundin (a "Lundin New Option") pursuant to which the holder of the Tenke Stock Option will be entitled to receive, upon exercise of the Lundin New Option, that number of Lundin Shares which the holder would have been entitled to receive as a result of the transactions contemplated by this Plan of Arrangement if, immediately prior to the Effective Time, such holder had been the registered holder of the number of Tenke Shares to which such holder was therefore entitled upon exercise of the Tenke Stock Option. Save and except as otherwise agreed to by Lundin and the holders of Tenke Stock Options, the term to expiry, conditions to and manner of exercising, vesting schedule, the status under applicable laws, and all other terms and conditions of each Lundin New Option will otherwise be unchanged from those contained in or otherwise applicable to the related Tenke Stock Option. It is intended that the provisions of Subsection 7 (1.4) of the Tax Act apply to such exchange. Therefore, in the event that the amount, if any, by which the total fair market value (determined immediately after the Effective Time) of the Lundin Shares that a holder is entitled to acquire on exercise of the Lundin New Option exceeds the amount payable to acquire such shares under the Lundin New Option (the "Lundin Stock Option In-The-Money Amount") exceeds the amount by which the total fair market value (determined immediately before the Effective Time) of the Tenke Shares that the holder was entitled to acquire on exercise of the Tenke Stock Option exceeds the amount payable to acquire such shares under the Tenke Stock Option (the "Tenke Stock Option In-The-Money Amount"), the number of Lundin Shares which may be acquired on exercise of the Lundin New Option will be adjusted accordingly with effect at and from the Effective Time to ensure that the Lundin Stock Option In-The-Money Amount does not exceed the Tenke Stock Option In-The-Money Amount and the ratio of the amount payable to acquire such shares to the value of such shares to be acquired shall be unchanged. In addition each Tenke Stock Option which, by its terms, would expire 90 days after the holder of such option ceased to be eligible to hold options under the Tenke Stock Option Plan, shall be deemed to have been amended to provide that such option shall not expire until 180 days after the holder of such option ceased to be eligible to hold options under the Tenke Stock Option Plan;

(k) Newco will redeem its outstanding Class A Shares for $0.001 per share and such shares will be cancelled;

(l) no fractional Lundin Shares will be issued in connection with the exchange in Section 3.2(i), but rather shareholders entitled to a fractional Lundin Share will receive cash in lieu thereof in accordance with Section 3.5 of this Plan of Arrangement;

(m) the names of Tenke Shareholders, other than Lundin, will be removed from the central securities register of Tenke;

(n) Lundin will become the holder of all Class A Shares and the central securities register of Tenke will be revised accordingly; and

(o) the exchanges and cancellations provided for in this Section 3.2 will be deemed to occur on the Effective Date, notwithstanding that certain of the procedures related thereto are not completed until after the Effective Date.

3.3 Effect of the Arrangement

As at and from the Effective Time:

(a) Tenke will be a wholly-owned subsidiary of Lundin;

(b) Tenke will continue to hold all of its mineral properties, cash and assets, save and except for the Cash and South American Assets transferred to Newco as part of the Arrangement;

(c) The holders of Tenke Shares, other than Dissenting Shareholders, will hold Lundin Shares and Newco Shares in replacement for their Tenke Shares, as provided by this Plan of Arrangement; and

(d) The holders of Tenke Stock Options will hold Lundin Stock Options in replacement for their Tenke Stock Options as provided by this Plan of Arrangement.

3.4 Post Effective Time Procedures

(a) After the Effective Date, certificates formerly representing Tenke Shares which are held by a Former Tenke Shareholder will, except for Tenke Shares held by Dissenting Shareholders, represent only the right to receive certificates representing Lundin Shares and Newco Shares, all in accordance with the terms of this Plan of Arrangement.

(b) On or promptly after the Effective Date, Lundin shall deliver or arrange to be delivered to the Depositary certificates representing the Lundin Shares required to be issued to Former Tenke Shareholders in accordance with the provisions of Section 3.1 hereof, which certificates shall be held by the Depositary as agent and nominee for such Former Tenke Shareholders for distribution to such Former Tenke Shareholders in accordance with the provisions of Article III hereof.

(c) On or promptly after the Effective Date, Newco shall deliver or arrange to be delivered to the Depositary certificates representing the Newco Shares required to be issued to Former Tenke Shareholders in accordance with the provisions of Section 3.1 hereof, which certificates shall be held by the Depositary as agent and nominee for such Tenke shareholders for distribution to such Former Tenke Shareholders in accordance with the provisions of Article III hereof.

(d) A Former Tenke Shareholder who is an Eligible Holder and who has transferred a Class A Share to Lundin pursuant to the Arrangement shall be entitled to make an income tax election, pursuant to section 85 of the Tax Act (and any analogous provisions of provincial income tax law) with respect to such transfer by providing two signed copies of the necessary election forms to an appointed representative, as directed by Tenke or Lundin, within 90 days following the Effective Date, duly completed with the details of

the number of shares transferred and the applicable agreed amounts for the purposes of such election. Thereafter, subject to such election forms complying with requirements under the Tax Act (or applicable provincial income tax law), such forms shall be signed and returned to such Former Tenke Shareholder within 90 days after the receipt thereof by Lundin or any successor corporation for filing with the Canada Revenue Agency (or the applicable provincial tax authority). Lundin or any successor corporation shall not be responsible for the proper completion of any election form and, except for the obligation to sign and return duly completed election forms which are received within 90 days of the Effective Date, Lundin or any successor will not be responsible for any taxes, interest or penalties resulting from the failure of a Former Tenke Shareholder to properly complete or file such election forms in the form and manner and within the time prescribed by the Tax Act (or any applicable provincial legislation). In its sole discretion, Lundin or any successor corporation may choose to sign and return an election form received by it more than 90 days following the Effective Date, but will have no obligation to do so.

3.5 No Fractional Lundin Shares

No fractional Lundin Shares shall be issued to Former Tenke Shareholders and any fractional number of Lundin Shares shall be accumulated, and all whole Lundin Shares shall be sold. Former Tenke Shareholders otherwise entitled to receive a fractional interest in a Lundin Share will receive a cash payment equal to such person's pro rata portion of the net proceeds after expenses received by the Depositary upon such sale of the whole Lundin Shares.

ARTICLE IV
RIGHTS OF DISSENT

4.1 Dissent Rights

Notwithstanding Article 3, each registered holder of Tenke Shares is entitled to dissent from the Arrangement and to be paid the fair value of the Tenke Shares held by such holder in respect of which such holder dissents, determined as of the day before the date on which the Arrangement Resolution is passed (and in the event that the Arrangement becomes effective) in connection with the Plan of Arrangement (the **"Dissent Right"**) provided that such holder complies with section 190 of the CBCA (as modified by the Interim Order, the Final Order and this section 4.1) as if section 190 (as so modified) were applicable to such registered holders.

Holders of Tenke Shares who exercise Dissent Rights and who: (i) are ultimately determined to be entitled to be paid fair value for their Tenke Shares; or (ii) are ultimately determined not to be entitled, for any reason, to be paid fair value for their Tenke Shares, shall have participated and shall be deemed to have participated in the Arrangement, as at the Effective Time, on the same basis as a non-Dissenting Shareholder and shall receive Newco Shares and Lundin Shares in respect of their Tenke Shares on the basis set forth in Article 3.

In no case shall Tenke, Lundin or any other Person be required to recognize a Dissenting Shareholder as a holder of Tenke Shares after the Effective Time and the name of each Dissenting Shareholder shall be deleted from the register of holders of Tenke Shares as at the Effective Time.

ARTICLE V
CERTIFICATES

5.1 Share Certificates

Upon surrender to the Depositary for cancellation of a certificate which immediately prior to the Effective Time represented one or more outstanding Tenke Shares together with such other documents and instruments as would have been required to effect the transfer of the Tenke Shares formerly represented by such certificate under the CBCA and the by-laws of Tenke and such additional documents and instruments as the Depositary may reasonably require, the holder of such surrendered certificate shall be entitled to receive in exchange therefor, and the Depositary shall deliver to such holder following the Effective Time, a certificate representing the Newco Shares and the Lundin Shares which such holder is entitled to receive in accordance with Section 3.1 hereof.

5.2 Lost Certificates

In the event that any certificate which immediately prior to the Effective Time represented one or more outstanding Tenke Shares shall have been lost, stolen or destroyed, upon the making of an affidavit of that fact by the Person claiming such certificate to be lost, stolen or destroyed, the Depositary will issue to such Person the Lundin Shares that such Person would have been entitled to had such share certificate not been lost, stolen or destroyed. When authorizing such payment in exchange for any lost, stolen or destroyed certificate, the Person to whom the Newco Shares and Lundin Shares are to be issued shall, as a condition precedent to the payment thereof, give bonds satisfactory to Newco and Lundin in such sums as Newco and Lundin may direct or otherwise indemnify the Depositary, Newco and Lundin in a manner satisfactory to each of them against any claim that may be made against the Depositary, Newco or Lundin with respect to the certificate alleged to have been lost, stolen or destroyed.

5.3 Distributions with Respect to Unsurrendered Certificates

No dividend or other distribution declared or made after the Effective Time with respect to Lundin Shares or Newco Shares with a record date after the Effective Time shall be delivered to the holder of any unsurrendered certificate which, immediately prior to the Effective Time, represented outstanding Tenke Shares unless and until the holder of such certificate shall have complied with the provisions of Section 5.1 and Section 5.2 hereof. Subject to applicable law and to Section 5.4 hereof, at the time of such compliance, there shall, in addition to the delivery of a certificate representing the Lundin Shares and Newco Shares to which such holder is thereby entitled, be delivered to such holder, without interest, the amount of the dividend or other distribution with a record date after the Effective Time theretofore paid with respect to Lundin Shares or Newco Shares, as the case may be.

5.4 Withholding Rights

Newco, Lundin and the Depositary shall be entitled to deduct and withhold from all dividends or other distributions otherwise payable to any Former Tenke Shareholder such amounts as Newco, Lundin or the Depositary is required or permitted to deduct and withhold with respect to such payment under the *Income Tax Act* (Canada), the United States Internal Revenue Code of 1986 or any provision of any applicable federal, provincial, state, local or foreign tax law, in each case, as amended. To the extent that amounts are so withheld, such withheld amounts shall be treated for all purposes hereof as having been paid to the Former Tenke Shareholder in respect of which such deduction and withholding was made, provided that such withheld amounts are actually remitted to the appropriate taxing authority.

5.5 Limitation and Proscription

To the extent that a Former Tenke Shareholder shall not have complied with the provisions of Section 5.1 or Section 5.2 hereof on or before the date which is six years after the Effective Date (the "final proscription date"), then the Newco Shares and Lundin Shares which such Former Tenke Shareholder was entitled to receive shall be automatically cancelled without any repayment of capital in respect thereof and the certificates representing such Newco Shares and Lundin Shares shall be delivered to Newco and/or Lundin by the Depositary for cancellation and shall be cancelled by Newco and Lundin and the interest of the Former Tenke Shareholder in such Newco Shares and Lundin Shares shall be terminated as of such final proscription date.

ARTICLE VI
GENERAL

6.1 Effectiveness

No portion of this Plan of Arrangement shall take effect with respect to any Person until the Effective Time.

6.2 Paramountcy

From and after the Effective Time: (i) this Plan of Arrangement shall take precedence and priority over any and all Tenke Shares issued prior to the Effective Time; (ii) the rights and obligations of the registered holders of Tenke Shares, any trustee or transfer agent therefor, shall be solely as provided for in this Plan of Arrangement; and (iii) all actions, causes of action, claims or proceedings (actual or contingent and whether or not previously asserted) based on or in any way relating to any Tenke Shares shall be deemed to have been settled, compromised, released and determined without liability except as set forth herein.

6.3 Amendment

(a) Lundin and Tenke reserve the right to amend, modify and/or supplement this Plan of Arrangement at any time and from time to time prior to the Effective Date, provided that any such amendment, modification and/or supplement must be contained in a written document which is (i) agreed to by each of Lundin and Tenke pursuant to the Arrangement Agreement, (ii) filed with the Court and, if made following the Tenke Meeting, approved by the Court, and (iii) if so required by the Court, communicated to Holders of Tenke Shares in the manner required by the Court.

(b) Any amendment, modification or supplement to this Plan of Arrangement may be proposed by Lundin or Tenke at any time prior to or at the Meeting shall, with or without any prior notice or communication, and if so proposed and accepted by the Persons voting at the Meetings (other than as may be required under the Interim Order), shall become part of this Plan of Arrangement for all purposes.

(c) Any amendment, modification and/or supplement to this Plan of Arrangement that is approved by the Court following the Meeting shall be effective only if: (i) it is agreed to by each of Lundin and Tenke pursuant to the Arrangement Agreement; and (ii) if required by the Court, it is consented to by holders of the Tenke Shares voting in the manner directed by the Court.

(d) Any amendment, modification and/or supplement to this Plan of Arrangement may be made by Lundin and Tenke after the Effective Date without the approval of the Holders of Lundin Shares or Tenke Shares provided that: (i) it is agreed to by the parties pursuant to the Arrangement Agreement, and (ii) it concerns a matter which, in the reasonable opinion of Lundin and Tenke, is of an administrative or ministerial nature required to better give effect to the implementation of this Plan of Arrangement and is not materially adverse to the financial or economic interests of the Holders of Lundin Shares or Tenke Shares.

6.4 Termination

At any time up until the time the Final Order is made, but subject to the Arrangement Agreement, Tenke and Lundin may mutually determine not to proceed with this Plan of Arrangement, or to terminate this Plan of Arrangement, notwithstanding any prior approvals given at the Meetings.

6.5 Further Assurances

Notwithstanding that the transactions and events set out in this Plan of Arrangement shall occur and be deemed to have occurred in the order set out herein, without any further act or formality, each of the parties to the Arrangement Agreement shall make, do and execute, or cause to be made, done and executed, all such further acts, deeds, agreements, transfers, assurances, instruments or documents as may reasonably be required by any of them in order to implement this Plan of Arrangement and to further document or evidence any of the transactions or events set out herein.

6.6 Notices

Any notice, consent, waiver, direction or other communication required or permitted to be given under this Plan of Arrangement shall be in writing and shall refer to this Plan of Arrangement and may be made or given by the Person making or giving it or by any agent of such Person authorized for that purpose by personal delivery, by prepaid mail or by telecopier addressed to the respective Parties as follows:

(a) if to Lundin:

Lundin Mining Corporation
2101-885 West Georgia Street
Vancouver, British Columbia
V6C-3E8

Attention: Mr. Colin K. Benner

Facsimile: (604) 689-4250

with a copy (which shall not constitute notice) to:

McCullough, O'Connor Irwin LLP
1100-888 West Georgia Street
Vancouver, British Columbia
V6C-3K4

Attention: Kevin Hisko

Facsimile: (604) 687-7099

(c) If to Tenke:

Tenke Mining Corp.
Suite 2101-885 West Georgia Street
Vancouver, British Columbia
V6C 3E8

Attention: Paul Conibear, President and Chief Executive Officer

Facsimile: (604) 689-4250

(c) if to a holder of Tenke Shares or Lundin Shares, to the last known address for such holder as shown on the books maintained by Tenke or Lundin or their transfer agents.

Any such notice, consent, waiver, direction or other communication shall, if delivered, be deemed to have been given and received on the date on which it was delivered to the address provided herein (if prior to 4:00 p.m. at the place of receipt on a Business Day or, if not, on the next Business Day) and if sent by facsimile transmission be deemed to have been given and received at the time of receipt unless actually received on a day other than a Business Day or after 4:00 p.m. at the place of receipt on a Business Day in which case it shall be deemed to have been given and received on the next Business Day. Any such address for service or facsimile number may be changed by notice given as aforesaid.

SCHEDULE "C"

[name of shareholder]

- and –

LUNDIN MINING CORPORATION

LOCK-UP AGREEMENT

April 10, 2007

Blake, Cassels & Graydon LLP
Suite 2600, Three Bentall Centre
P.O. Box 49314
595 Burrard Street
Vancouver, British Columbia, Canada
V7X 1L3

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LOCK-UP AGREEMENT

THIS AGREEMENT made this 10TH day of April, 2007.

BETWEEN:

[name], (the "**Shareholder**")

- and -

LUNDIN MINING CORPORATION, a corporation incorporated and existing under the *Canada Business Corporations Act* ("**Lundin**")

WHEREAS:

A. Lundin and Tenke ("**Tenke**" or the "**Company**") are concurrently entering into the Business Combination Agreement pursuant to which, among other things and subject to the satisfaction of the provisions thereof, Tenke shareholders will receive 1.73 of a Lundin Common Share and $0.001 for each Tenke Class A Share in accordance with the terms of the Business Combination Agreement (the foregoing and all other transactions contemplated by the Business Combination Agreement are referred to as the "**Business Combination**").

B. As an inducement to Lundin entering into the Business Combination Agreement, the Shareholder is desirous of entering into this Agreement.

NOW THEREFORE in consideration of the premises, the covenants hereinafter contained, the sum of $1.00 and other good and valuable consideration (the receipt and sufficiency of which are hereby acknowledged by each of the Parties hereto), the Parties hereto hereby agree as follows:

ARTICLE 1
INTERPRETATION

1.1 Definitions

In addition to the terms defined above, all terms used herein which are denoted with initial capital letters shall, unless otherwise expressly provided or unless there is something in the context or subject matter inconsistent therewith, have the following meanings assigned to them:

"**Act**" means the *Securities Act* (Ontario), as the same may be amended from time to time, superseded or replaced;

"**Affiliate**" has the meaning given to such term in the Act;

"**Agreement**" means this agreement among the Parties hereto together with the Schedule hereto, as the same may be amended, from time to time, and the expressions "**herein**", "**hereof**", "**hereto**" "**above**", "**below**" and similar expressions refer to this Agreement and, where applicable, to the Schedule hereto;

"**Associate**" has the meaning given to such term in the Act;

"**Business Combination Agreement**" means the definitive business combination agreement to be entered into by Lundin, Tenke and • Canada Inc. contemporaneously herewith in order to effect the Business Combination;

"**Business Day**" means a day, other than Saturday, Sunday, or a statutory or civic holiday in Vancouver, Canada or Toronto, Canada;

"**Encumbrance**" means any security in the nature of a security interest, mortgage, lien, charge, hypothec, assignment, pledge or other encumbrance or adverse claim of any nature whatsoever;

"**Governmental Entity**" means (a) any multinational, federal, provincial, state, regional, municipal, local or other government, governmental or public department, central bank, court, tribunal, arbitral body, administrative body, commission, board, bureau or agency, domestic or foreign; (b) any subdivision, agent or agency, commission, board, or authority of any of the foregoing; (c) any self regulatory authority or stock exchange; or (d) any quasi governmental or private body exercising any regulatory, expropriation or taxing authority under or for the account of any of the foregoing;

"**Law**" or "**Laws**" means all laws, statutes, codes, ordinances, decrees, rules, regulations, by laws, written policies, judicial or arbitral or administrative or ministerial or departmental or regulatory judgements, orders, decisions, rulings or awards, including general principles of common and civil law, and conditions of any grant of approval, permission, authority or license of any court, Governmental Entity or statutory body;

"**Lundin Common Shares**" means common shares in the capital of Lundin;

"**Owned Securities**" means Tenke Shares and other securities of Tenke, including Tenke securities that are directly or indirectly beneficially owned by the Shareholder or over which control or direction is exercised by the Shareholder directly or indirectly, which as at the date hereof are more particularly set forth in Schedule A, and includes any Tenke securities acquired after the date hereof;

"**Party**" means a party to this Agreement and "**Parties**" means both parties to this Agreement;

"**Person**" includes an individual, partnership, association, body corporate, joint venture, business organization, trust, trustee, executor, administrator, legal representative, government (including any Governmental Entity) or any other entity recognized by Law;

"**Resolutions**" means all resolutions relating to the Business Combination or that are necessary or desirable in connection with the Business Combination, to be

considered and, if thought fit, approved by any of the security holders of the Company at the Tenke Meeting;

"**Subsidiary**" means, with respect to a specified body corporate, any body corporate of which the specified body corporate is entitled to elect a majority of the directors thereof and shall include any body corporate, partnership, joint venture or other entity over which such specified body corporate exercises direction or control or which is in a like relation to such a body corporate, excluding any body corporate in respect of which such direction or control is not exercised by the specified body corporate as a result of any existing contract, agreement or commitment;

"**Tenke Shares**" has the meaning ascribed to it in the Business Combination Agreement;

"**Tenke Competing Proposal**" has the meaning ascribed thereto in Section 4.1;

"**Tenke Group**" shall mean and include Tenke and Tenke Holdings;

"**Tenke Meeting**" means a special meeting of the holders of Tenke Shares called for the purpose of conducting and, if thought fit, approving the Resolutions and any adjournment thereof;

"**Tenke Group Member**" refers to any member of the Tenke Group;

"**Tenke Superior Proposal**" has the meaning ascribed to it in the Business Combination Agreement;

"**Tenke Holdings**" means Tenke Holdings Ltd., a company incorporated under the laws of Bermuda;

"**Transfer**" means, with respect to a security, the sale, transfer, pledge, hypothecation, encumbrance, assignment or disposition of, or grant of a power of attorney over, such security or the beneficial ownership thereof, the offer to make or do any of the foregoing and each option, agreement, arrangement, instrument or understanding, whether or not in writing, to effect any of the foregoing; and

"**Voting Securities**" has the meaning ascribed thereto in Section 2.2.

1.2 Number and Gender

Words importing the singular number include the plural and vice versa and words importing gender include the masculine, feminine and neuter genders.

1.3 Interpretation not Affected by Headings

The division of this Agreement into Articles, Sections, subsections, clauses, subclauses and the Schedule and the insertion of headings are for convenience of reference only and shall not affect the construction or interpretation of this Agreement.

ARTICLE 2
AGREEMENTS REGARDING TRANSFER AND VOTING

2.1 Agreement not to Dispose prior to Business Combination

The Shareholder agrees that from and after the date hereof except as contemplated by the following sentence of this Section 2.1, it will not Transfer or agree to Transfer any Owned Securities other than with Lundin's prior written consent. If any Transfer is consented to by Lundin, it shall be a condition precedent to such Transfer that the transferee agree to be bound by the terms of this Agreement to the same extent as the Shareholder is bound. The Shareholder agrees that, from and after the date hereof, any Tenke securities acquired by, or over which beneficial ownership or control or direction becomes directly or indirectly exercised, shall also be subject to the provisions of this Agreement and shall be considered to be "Owned Securities" for the purposes of this Agreement.

2.2 Voting in respect of Business Combination

The Shareholder agrees that from and after the date hereof and provided that this Agreement has not been terminated in accordance with its terms, (i) at such time as the Company conducts a Tenke Meeting or otherwise seeks approval of any of its securityholders for the purpose of approving the Business Combination, the Shareholder will vote or cause to be voted all Owned Securities over which the Shareholder has direct or indirect voting power (the "**Voting Securities**") in favour of approving the Business Combination Agreement and/or the Resolutions and/or any matter that could reasonably be expected to facilitate either or both of the foregoing; and (ii) the Shareholder will at any meeting of any of the securityholders of the Company vote or cause to be voted all of the Voting Securities against, and the Shareholder will not consent to or approve, any Tenke Competing Proposal or any action that would be inconsistent with the obligations of the Company under the Business Combination Agreement or in respect of the Business Combination.

2.3 Proxy in Respect of Voting Securities

If the Shareholder is unable to personally attend any meeting of securityholders of the Company in order to vote the Voting Securities in the manner contemplated by Section 2.2, then the Shareholder agrees to grant, execute and deliver to Tenke (with a copy to Lundin) at least two (2) Business Days prior to the relevant meeting of securityholders of the Company an proxy in favour of Lundin or its nominee (if so directed by Lundin) in order that all of the Voting Securities are voted in the manner contemplated by Section 2.2.

ARTICLE 3
REPRESENTATIONS AND WARRANTIES

3.1 Representations and Warranties of the Shareholder

The Shareholder makes the following representations and warranties to Lundin as an inducement to Lundin to enter into this Agreement and the Business Combination Agreement and acknowledges that Lundin is relying on such representations and warranties in so doing:

(a) the Shareholder has good and sufficient power, capacity and right to enter into this Agreement and to complete the transactions and perform the Shareholder's obligations contemplated hereby, this Agreement has been duly executed and delivered by the Shareholder, and this Agreement is a valid and binding agreement of the Shareholder enforceable by Lundin against the Shareholder in accordance with its terms except as enforcement may be limited by bankruptcy, insolvency and other laws affecting the rights of creditors generally and except that equitable remedies may be granted only in the discretion of a court of competent jurisdiction;

(b) neither the entering into of this Agreement nor the performance by the Shareholder of any of the Shareholder's obligations hereunder will constitute a breach of or violate or require any consent or constitute a default (whether after notice or lapse of time or both) under (i) any Laws to which the Shareholder or any of the Shareholder's properties or assets are subject; (ii) any mortgage, bond, indenture, agreement, instrument, obligation or any other document to which the Shareholder is a party or by which any of its properties or assets are or may become bound; or (iii) any judgement, order, injunction, decree or award of any Governmental Entity that is binding on the Shareholder;

(c) the Shareholder directly or indirectly beneficially owns, or exercises control or direction directly or indirectly over, the number of Owned Securities set forth in Schedule A hereto (and neither the Shareholder nor any of its Associates or Affiliates holds or beneficially owns or controls, directly or indirectly, any other securities of Tenke), has the exclusive right to vote and grant proxies in respect thereof as contemplated by this Agreement and the Owned Securities are not subject to any encumbrance;

(d) other than as contemplated by this Agreement, the Shareholder is not currently obligated to grant and has not granted and does not have outstanding any proxy in respect of any of the Owned Securities and has not granted any power of attorney or entered into any voting trust, vote pooling or other agreement with respect to the right to vote, call meetings of securityholders or give consents or approvals of any kind in respect of the Owned Securities;

(e) none of the Owned Securities held by the Shareholder is the subject of any commitment, undertaking or agreement, the terms of which would affect in any

way the ability of the Shareholder to perform the Shareholder's obligations with respect to the Owned Securities as set out in this Agreement; and

(f) the Shareholder is not aware of any current discussions between the Company, its Affiliates and/or Associates and any Person with respect to any Tenke Competing Proposal.

ARTICLE 4
COVENANTS OF THE SHAREHOLDER

4.1 Covenants of the Shareholder Regarding the Business Combination

Subject to Section 4.2, in consideration of Lundin entering into the Business Combination Agreement and this Agreement, the Shareholder agrees, from and after the date hereof until the termination of this Agreement, that:

(a) other than in connection with the Business Combination, the Shareholder shall not and shall not permit its Affiliates or Associates, directly or indirectly, through any officer, director, employee, advisor, representative or agent, or otherwise, to:

(i) solicit, initiate, or engage in discussions or negotiations with any person, encourage submission of any inquiries, proposals, or offers by, or take any other action intended or designed to facilitate the efforts of any person, other than Lundin, relating to:

(A) the possible acquisition of, or business combination with, Tenke or any other Tenke Group Member (whether by way of amalgamation, arrangement, consolidation, take-over bid, purchase of shares, purchase of assets, or otherwise);

(B) the possible acquisition of more than 10% of its or their shares of capital stock or a material portion of its assets, on a consolidated basis;

(C) any take-over bid, or exchange offer or other secondary purchase; or

(D) any other transaction, the consummation of which would reasonably be expected to prevent or materially impede, interfere with or delay the consummation of the Arrangement;

(any of the foregoing, a "Tenke Competing Proposal"); or

(ii) provide non-public information with respect to Tenke or any Tenke Group Member, or afford any access to the properties, books, or records of the same, to any Person, that may wish to propose or pursue a Tenke Competing Proposal;

(b) the Shareholder will not take any steps, directly or indirectly, which may in any way materially and adversely affect the Business Combination or the direct or indirect acquisition by Lundin of any Tenke Shares and/or Tenke securities under the Business Combination or take action of any kind which may reduce the likelihood of success or completion of the Business Combination, including, any action or inaction to initiate, encourage, assist or participate in proposals or offers from any Person or group of Persons in connection with a Tenke Competing Proposal or any other transaction which interferes, by delay or otherwise, with the Business Combination;

(c) the Shareholder will not exercise any rights of dissent which may be available to the Shareholder under applicable Laws in connection with the Business Combination;

(d) the Shareholder will forthwith notify Lundin upon the acquisition of any additional Tenke securities;

(e) the Shareholder will take all action necessary to permit the voting of the Voting Securities in accordance with the terms of this Agreement; and

(f) the Shareholder will promptly notify Lundin in writing upon any representation or warranty of the Shareholder contained in this Agreement becoming untrue or upon an obligation of the Shareholder not being complied with in any material respect.

4.2 Exceptions

Nothing in Section 4.1 shall prevent the Shareholder, if the Shareholder is a director or officer of Tenke and solely in his or her capacity as such director or officer, from acting in accordance with the exercise of his or her fiduciary duties or other legal obligation to act in the best interests of the Company, in a manner consistent with the terms of, and only as permitted by, the Business Combination Agreement, if such action is required in order for the Shareholder to fulfill his or her fiduciary duty as a director and/or officer of Tenke and provided that such director and/or officer has first obtained the written advice of legal counsel that such action is required by applicable Laws.

ARTICLE 5
TERMINATION

5.1 Termination

This Agreement shall terminate on the earliest to occur of the following:

(a) the date upon which the Business Combination is completed;

(b) the date upon which Lundin and the Shareholder mutually agree to terminate this Agreement or Lundin terminates this Agreement in its sole discretion;

(c) the date upon which Lundin announces it will not match a Tenke Superior Proposal; or

(d) the Business Combination Agreement is terminated by Lundin or Tenke in accordance with its terms; or

(e) the Termination Date (as defined in the Business Combination Agreement).

The obligations of the Parties under Section 6.1 hereof shall survive the termination of this Agreement, notwithstanding anything herein to the contrary.

ARTICLE 6
GENERAL

6.1 Disclosure

No press release or other disclosure (public or otherwise) with respect to the existence or details of this Agreement, the Business Combination, Lundin or the business and affairs of the Company, shall be made by the Shareholder without the prior written consent of Lundin, except to the extent required by applicable Laws.

6.2 Assignment

Lundin may assign its rights under this Agreement to any of its Affiliates provided that Lundin shall remain liable for the performance of its obligations hereunder. This Agreement shall not be assignable by the Shareholder hereto without the prior written consent of Lundin. This Agreement shall be binding upon and shall enure to the benefit of and be enforceable by each of the Parties hereto and their respective successors, permitted assigns, heirs, executors and personal representatives, as the case may be.

6.3 Expenses

All costs and expenses incurred in connection with this Agreement and the transactions contemplated hereby shall be paid by the Party incurring such expenses.

6.4 Damage Provisions

The Shareholder acknowledges and agrees that this Agreement is an integral part of the transactions contemplated in respect of the Business Combination and that Lundin would not contemplate entering into the Business Combination Agreement and participating in the Business Combination unless this Agreement was executed, and that a breach by the Shareholder of any covenant or other obligation contained in this Agreement will cause Lundin to sustain irreparable and immediate harm and injury for which Lundin would not have an adequate remedy at law for monetary damages and for which Lundin could not be made whole by monetary damages. It is accordingly agreed that in the event of any breach hereof by the Shareholder, (i) Lundin shall be entitled, in addition to any other remedy to which it may be entitled at law or in equity, to the remedy of specific performance of this Agreement and/or preliminary or permanent injunctive and other equitable relief; (ii) the Shareholder will waive, in

any action for specific performance, injunctive relief and/or any other equitable remedy, the defence of adequacy of a remedy at law; and (iii) the Shareholder further agrees to waive any requirement for the securing or posting of any bond in connection with the obtaining of any injunctive or other equitable relief.

6.5 Exercise of Rights

All rights, powers and remedies provided under this Agreement or otherwise available in respect hereof at law or in equity shall be cumulative and not alternative, and the exercise of any thereof by any Party shall not preclude the simultaneous or later exercise of any other such right, power or remedy by such Party. The failure of any Party hereto to exercise any right, power or remedy provided under this Agreement or otherwise available in respect hereof at law or in equity, or to insist upon compliance by the other Party hereto with its obligations hereunder, and any custom or practice of the Parties at variance with the terms hereof, shall not constitute a waiver by such Party of its right to exercise any such or other right, power or remedy or to demand such compliance.

6.6 Time

Time shall be of the essence of this Agreement.

6.7 Notice

Any notice, demand or other communication required or permitted to be given or made hereunder shall be in writing and shall be delivered personally or by courier (delivery confirmed) during normal business hours on a Business Day at the relevant address set forth below or sent by facsimile or other means of recorded electronic communication (provided such transmission is confirmed), in the case of:

(a) the Shareholder, addressed at the address set forth in Schedule A;

(b) Lundin, addressed as follows:

Lundin Mining Corporation
2101-885 West Georgia Street
Vancouver, British Columbia
V6C-3E8

Attention: Mr. Colin K. Benner
Facsimile: (604) 689-4250

with a copy (which shall not constitute notice) to:

Blake, Cassels & Graydon LLP
Suite 2600, Three Bentall Centre
P.O. Box 49314
595 Burrard Street
Vancouver, British Columbia, Canada
V7X 1L3

Attention: Mr. Bob Wooder
Facsimile: 604.631.3330

Any notice, demand or other communication so, given shall be deemed to have been given or made and received on the day of delivery, if so delivered, and on the day of sending by facsimile or other means of recorded electronic communication (provided such day is a Business Day and, if not, on the first Business Day thereafter). Any Party may from time to time change its address for notice by notice to the other Party hereto given in the manner aforesaid.

6.8 Governing Law

This Agreement and the rights and obligations of the Parties hereto shall be governed by and construed and interpreted in accordance with the laws of the Province of British Columbia and the federal laws of Canada applicable therein. Each Party hereto irrevocably attorns and submits to the non exclusive jurisdiction of the courts of the Province of British Columbia with respect to any matter arising hereunder or related hereto.

6.9 Entire Agreement

This Agreement, together with the Business Combination Agreement, shall constitute the entire agreement between the Parties hereto with respect to the subject matter hereof and there are no warranties, representations, terms, conditions or collateral agreements with respect to the subject matter hereof, express or implied, between Lundin on the one hand and the Shareholder on the other hand, other than as expressly set forth in this Agreement.

6.10 Further Assurances

Each Party hereto shall, from time to time, execute and deliver all such further documents and instruments and do all acts and things as the other Party may, either before or after the completion of the Business Combination, reasonably require to effectively carry out or better evidence or perfect the full intent and meaning of this Agreement.

6.11 Amendment and Waiver

No modification of or amendment to this Agreement shall be valid or binding unless set forth in writing and duly executed by both of the Parties hereto and no waiver of any breach of any term or provision of this Agreement shall be effective or binding unless made in writing and signed by the Party purporting to give the same and, unless otherwise provided, shall be limited to the specific breach waived.

6.12 Counterparts

This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument, and may be delivered by any Party by facsimile.

6.13 Severability

If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of this Agreement shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

6.14 Independent Legal Advice

The Shareholder acknowledges that:

(a) the Shareholder has read this Agreement in its entirety, understands this Agreement and agrees to be bound by its terms and conditions;

(b) the Shareholder has been advised to seek independent legal advice with respect to the Shareholder executing and delivering this Agreement and has received such advice or has, without undue influence, elected to waive the benefit of any such advice; and

(c) the Shareholder is entering into this Agreement voluntarily.

IN WITNESS WHEREOF the Parties have executed this Agreement as of the day and year first above written.

SIGNED, SEALED AND DELIVERED, in the presence of:)

_____)
Witness Name:)

_____
name of shareholder

LUNDIN MINING CORPORATION

By: _____
Name:

SCHEDULE A
OWNED SECURITIES

The following chart indicates the number of Owned Securities beneficially owned, directly or indirectly, by the Shareholder or over which the Shareholder exercises control or direction directly or indirectly (please provide the details of any indirect ownership).

Name of Shareholder, Address and Facsimile Number	**Number of Tenke Shares**	**Number and Type of Tenke Securities**
Name of shareholder In care of: • Facsimile: •	•	**[Options]** •

SCHEDULE "D"

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2007 MAR 26 A 9:42
OFFICE OF INTERNATIONAL
CORPORATE FINANCE

•

- and –

TENKE MINING CORP.

LOCK-UP AGREEMENT

April •, 2007

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LOCK-UP AGREEMENT

THIS AGREEMENT made this • day of April, 2007.

BETWEEN:

•, (the "**Shareholder**")

- and -

TENKE MINING CORP., a corporation incorporated and existing under the *Canada Business Corporations Act* ("**Tenke**")

WHEREAS:

A. Lundin Mining Corporation ("Lundin") and Tenke are concurrently entering into the Business Combination Agreement pursuant to which, among other things and subject to the satisfaction of the provisions thereof, Tenke shareholders will receive • of a Lundin Common Share and $0.001 for each Tenke Class A Share in accordance with the terms of the Business Combination Agreement (the foregoing and all other transactions contemplated by the Business Combination Agreement are referred to as the "**Business Combination**").

B. As an inducement to Tenke entering into the Business Combination Agreement, the Shareholder has agreed to enter into this Agreement.

NOW THEREFORE in consideration of the premises, the covenants hereinafter contained, the sum of $1.00 and other good and valuable consideration (the receipt and sufficiency of which are hereby acknowledged by each of the Parties hereto), the Parties hereto hereby agree as follows:

ARTICLE 1
INTERPRETATION

1.1 Definitions

In addition to the terms defined above, all terms used herein which are denoted with initial capital letters shall, unless otherwise expressly provided or unless there is something in the context or subject matter inconsistent therewith, have the following meanings assigned to them:

"**Act**" means the *Securities Act* (Ontario), as the same may be amended from time to time, superseded or replaced;

"**Affiliate**" has the meaning given to such term in the Act;

"**Agreement**" means this agreement among the Parties hereto together with the Schedule hereto, as the same may be amended, from time to time, and the expressions "**herein**", "**hereof**", "**hereto**" "**above**", "**below**" and similar expressions refer to this Agreement and, where applicable, to the Schedule hereto;

"**Associate**" has the meaning given to such term in the Act;

"**Business Combination Agreement**" means the definitive business combination agreement to be entered into by Lundin, Tenke and • Canada Inc. contemporaneously herewith in order to effect the Business Combination;

"**Business Day**" means a day, other than Saturday, Sunday, or a statutory or civic holiday in Vancouver, Canada or Toronto, Canada;

"**Encumbrance**" means any security in the nature of a security interest, mortgage, lien, charge, hypothec, assignment, pledge or other encumbrance or adverse claim of any nature whatsoever;

"**Governmental Entity**" means (a) any multinational, federal, provincial, state, regional, municipal, local or other government, governmental or public department, central bank, court, tribunal, arbitral body, administrative body, commission, board, bureau or agency, domestic or foreign; (b) any subdivision, agent or agency, commission, board, or authority of any of the foregoing; (c) any self regulatory authority or stock exchange; or (d) any quasi-governmental or private body exercising any regulatory, expropriation or taxing authority under or for the account of any of the foregoing;

"**Law**" or "**Laws**" means all laws, statutes, codes, ordinances, decrees, rules, regulations, by laws, written policies, judicial or arbitral or administrative or ministerial or departmental or regulatory judgements, orders, decisions, rulings or awards, including general principles of common and civil law, and conditions of any grant of approval, permission, authority or license of any court, Governmental Entity or statutory body;

"**Lundin Common Shares**" means common shares in the capital of Lundin ;

"**Lundin Meeting**" means a special meeting of the holders of Lundin Common Shares called for the purpose of conducting and, if thought fit, approving the Resolutions and any adjournment thereof;

"**Owned Securities**" means Lundin Common Shares and other securities of Lundin, including Lundin securities that are directly or indirectly beneficially owned by the Shareholder or over which control or direction is exercised by the Shareholder directly or indirectly, which as at the date hereof are more particularly set forth in Schedule A, and includes any Lundin securities acquired after the date hereof;

"**Party**" means a party to this Agreement and "**Parties**" means both parties to this Agreement;

"**Person**" includes an individual, partnership, association, body corporate, joint venture, business organization, trust, trustee, executor, administrator, legal

representative, government (including any Governmental Entity) or any other entity recognized by Law;

"**Resolutions**" means all resolutions relating to the Business Combination including, without limitation, the resolution approving the issue of Lundin Common Shares pursuant to the Business Combination or that are necessary or desirable in connection with the Business Combination, to be considered and, if thought fit, approved by any of the security holders of Lundin at the Lundin Meeting;

"**Subsidiary**" means, with respect to a specified body corporate, any body corporate of which the specified body corporate is entitled to elect a majority of the directors thereof and shall include any body corporate, partnership, joint venture or other entity over which such specified body corporate exercises direction or control or which is in a like relation to such a body corporate, excluding any body corporate in respect of which such direction or control is not exercised by the specified body corporate as a result of any existing contract, agreement or commitment;

"**Transfer**" means, with respect to a security, the sale, transfer, pledge, hypothecation, encumbrance, assignment or disposition of, or grant of a power of attorney over, such security or the beneficial ownership thereof, the offer to make or do any of the foregoing and each option, agreement, arrangement, instrument or understanding, whether or not in writing, to effect any of the foregoing; and

"**Voting Securities**" has the meaning ascribed thereto in Section 2.2.

1.2 Number and Gender

Words importing the singular number include the plural and vice versa and words importing gender include the masculine, feminine and neuter genders.

1.3 Interpretation not Affected by Headings

The division of this Agreement into Articles, Sections, subsections, clauses, subclauses and the Schedule and the insertion of headings are for convenience of reference only and shall not affect the construction or interpretation of this Agreement.

ARTICLE 2
AGREEMENTS REGARDING TRANSFER AND VOTING

2.1 Agreement not to Dispose prior to Business Combination

The Shareholder agrees that from and after the date hereof except as contemplated by the following sentence of this Section 2.1, it will not Transfer or agree to Transfer any Owned Securities other than with Tenke's prior written consent. If any Transfer is consented to by Tenke, it shall be a condition precedent to such Transfer that the transferee agree to be bound by the terms of this Agreement to the same extent as the Shareholder is bound. The Shareholder

agrees that, from and after the date hereof, any Lundin securities acquired by, or over which beneficial ownership or control or direction becomes directly or indirectly exercised, shall also be subject to the provisions of this Agreement and shall be considered to be "Owned Securities" for the purposes of this Agreement.

2.2 Voting in respect of the Resolutions

The Shareholder agrees that from and after the date hereof and provided that this Agreement has not been terminated in accordance with its terms, (i) at such time as Lundin conducts a Lundin Meeting or otherwise seeks approval of any of its securityholders for the purpose of approving the Resolutions, the Shareholder will vote or cause to be voted all Owned Securities over which the Shareholder has direct or indirect voting power (the "**Voting Securities**") in favour of approving the Business Combination Agreement and/or the Resolutions and/or any matter that could reasonably be expected to facilitate either or both of the foregoing; and (ii) the Shareholder will at any meeting of any of the securityholders of Lundin vote or cause to be voted all of the Voting Securities against, and the Shareholder will not consent to or approve, any action that would be inconsistent with the obligations of Lundin under the Business Combination Agreement or in respect of the Resolutions or the Business Combination.

2.3 Proxy in Respect of Voting Securities

If the Shareholder is unable to personally attend any meeting of securityholders of the Company in order to vote the Voting Securities in the manner contemplated by Section 2.2, then the Shareholder agrees to grant, execute and deliver to Tenke (with a copy to Lundin) at least two (2) Business Days prior to the relevant meeting of securityholders of Lundin a proxy in favour of Tenke or its nominee (if so directed by Tenke) in order that all of the Voting Securities are voted in the manner contemplated by Section 2.2.

ARTICLE 3
REPRESENTATIONS AND WARRANTIES

3.1 Representations and Warranties of the Shareholder

The Shareholder makes the following representations and warranties to Tenke as an inducement to Tenke to enter into this Agreement and the Business Combination Agreement and acknowledges that Tenke is relying on such representations and warranties in so doing:

(a) the Shareholder has good and sufficient power, capacity and right to enter into this Agreement and to complete the transactions and perform the Shareholder's obligations contemplated hereby, this Agreement has been duly executed and delivered by the Shareholder, and this Agreement is a valid and binding agreement of the Shareholder enforceable by Tenke against the Shareholder in accordance with its terms except as enforcement may be limited by bankruptcy, insolvency and other laws affecting the rights of creditors generally and except that equitable remedies may be granted only in the discretion of a court of competent jurisdiction;

(b) neither the entering into of this Agreement nor the performance by the Shareholder of any of the Shareholder's obligations hereunder will constitute a breach of or violate or require any consent or constitute a default (whether after notice or lapse of time or both) under (i) any Laws to which the Shareholder or any of the Shareholder's properties or assets are subject; (ii) any mortgage, bond, indenture, agreement, instrument, obligation or any other document to which the Shareholder is a party or by which any of its properties or assets are or may become bound; or (iii) any judgement, order, injunction, decree or award of any Governmental Entity that is binding on the Shareholder;

(c) the Shareholder directly or indirectly beneficially owns, or exercises control or direction directly or indirectly over, the number of Owned Securities set forth in Schedule A hereto (and neither the Shareholder nor any of its Associates or Affiliates holds or beneficially owns or controls, directly or indirectly, any other securities of Lundin), has the exclusive right to vote and grant proxies in respect thereof as contemplated by this Agreement and the Owned Securities are not subject to any encumbrance;

(d) other than as contemplated by this Agreement, the Shareholder is not currently obligated to grant and has not granted and does not have outstanding any proxy in respect of any of the Owned Securities and has not granted any power of attorney or entered into any voting trust, vote pooling or other agreement with respect to the right to vote, call meetings of securityholders or give consents or approvals of any kind in respect of the Owned Securities;

(e) none of the Owned Securities held by the Shareholder is the subject of any commitment, undertaking or agreement, the terms of which would affect in any way the ability of the Shareholder to perform the Shareholder's obligations with respect to the Owned Securities as set out in this Agreement; and

(f) the Shareholder is not aware of any current discussions between the Company, its Affiliates and/or Associates and any Person with respect to any Tenke Competing Proposal.

ARTICLE 4

TERMINATION

4.1 Termination

This Agreement shall terminate on the earliest to occur of the following:

(a) the date upon which the Business Combination is completed;

(b) the date upon which Tenke and the Shareholder mutually agree to terminate this Agreement or Tenke terminates this Agreement in its sole discretion;

(c) the Business Combination Agreement is terminated by Lundin or Tenke in accordance with its terms; or

(d) the Termination Date (as defined in the Business Combination Agreement).

The obligations of the Parties under Section 5.1 hereof shall survive the termination of this Agreement, notwithstanding anything herein to the contrary.

ARTICLE 5
GENERAL

5.1 Disclosure

No press release or other disclosure (public or otherwise) with respect to the existence or details of this Agreement, the Business Combination, Tenke or the business and affairs of Tenke shall be made by the Shareholder without the prior written consent of Tenke, except to the extent required by applicable Laws.

5.2 Assignment

Tenke may assign its rights under this Agreement to any of its Affiliates provided that Tenke shall remain liable for the performance of its obligations hereunder. This Agreement shall not be assignable by the Shareholder hereto without the prior written consent of Tenke . This Agreement shall be binding upon and shall enure to the benefit of and be enforceable by each of the Parties hereto and their respective successors, permitted assigns, heirs, executors and personal representatives, as the case may be.

5.3 Expenses

All costs and expenses incurred in connection with this Agreement and the transactions contemplated hereby shall be paid by the Party incurring such expenses.

5.4 Damage Provisions

The Shareholder acknowledges and agrees that this Agreement is an integral part of the transactions contemplated in respect of the Business Combination and that Tenke would not contemplate entering into the Business Combination Agreement and participating in the Business Combination unless this Agreement was executed, and that a breach by the Shareholder of any covenant or other obligation contained in this Agreement will cause Tenke to sustain irreparable and immediate harm and injury for which Tenke would not have an adequate remedy at law for monetary damages and for which Tenke could not be made whole by monetary damages. It is accordingly agreed that in the event of any breach hereof by the Shareholder, (i) Tenke shall be entitled, in addition to any other remedy to which it may be entitled at law or in equity, to the remedy of specific performance of this Agreement and/or preliminary or permanent injunctive and other equitable relief; (ii) the Shareholder will waive, in any action for specific performance, injunctive relief and/or any other equitable remedy, the defence of adequacy of a remedy at law; and (iii) the Shareholder further agrees to waive any requirement

for the securing or posting of any bond in connection with the obtaining of any injunctive or other equitable relief.

5.5 Exercise of Rights

All rights, powers and remedies provided under this Agreement or otherwise available in respect hereof at law or in equity shall be cumulative and not alternative, and the exercise of any thereof by any Party shall not preclude the simultaneous or later exercise of any other such right, power or remedy by such Party. The failure of any Party hereto to exercise any right, power or remedy provided under this Agreement or otherwise available in respect hereof at law or in equity, or to insist upon compliance by the other Party hereto with its obligations hereunder, and any custom or practice of the Parties at variance with the terms hereof, shall not constitute a waiver by such Party of its right to exercise any such or other right, power or remedy or to demand such compliance.

5.6 Time

Time shall be of the essence of this Agreement.

5.7 Notice

Any notice, demand or other communication required or permitted to be given or made hereunder shall be in writing and shall be delivered personally or by courier (delivery confirmed) during normal business hours on a Business Day at the relevant address set forth below or sent by facsimile or other means of recorded electronic communication (provided such transmission is confirmed), in the case of:

(a) the Shareholder, addressed at the address set forth in Schedule A;

(b) Tenke, addressed as follows:

Tenke Mining Corp.
Suite 2101-885 West Georgia Street
Vancouver, British Columbia
V6C 3E8

Attention: Paul Conibear, President and Chief Executive Officer

Facsimile: (604) 689-4250

Any notice, demand or other communication so, given shall be deemed to have been given or made and received on the day of delivery, if so delivered, and on the day of sending by facsimile or other means of recorded electronic communication (provided such day is a Business Day and, if not, on the first Business Day thereafter). Any Party may from time to time change its address for notice by notice to the other Party hereto given in the manner aforesaid.

5.8 Governing Law

This Agreement and the rights and obligations of the Parties hereto shall be governed by and construed and interpreted in accordance with the laws of the Province of British Columbia and the federal laws of Canada applicable therein. Each Party hereto irrevocably attorns and submits to the non exclusive jurisdiction of the courts of the Province of British Columbia with respect to any matter arising hereunder or related hereto.

5.9 Entire Agreement

This Agreement, together with the Business Combination Agreement, shall constitute the entire agreement between the Parties hereto with respect to the subject matter hereof and there are no warranties, representations, terms, conditions or collateral agreements with respect to the subject matter hereof, express or implied, between Tenke on the one hand and the Shareholder on the other hand, other than as expressly set forth in this Agreement.

5.10 Further Assurances

Each Party hereto shall, from time to time, execute and deliver all such further documents and instruments and do all acts and things as the other Party may, either before or after the completion of the Business Combination, reasonably require to effectively carry out or better evidence or perfect the full intent and meaning of this Agreement.

5.11 Amendment and Waiver

No modification of or amendment to this Agreement shall be valid or binding unless set forth in writing and duly executed by both of the Parties hereto and no waiver of any breach of any term or provision of this Agreement shall be effective or binding unless made in writing and signed by the Party purporting to give the same and, unless otherwise provided, shall be limited to the specific breach waived.

5.12 Counterparts

This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument, and may be delivered by any Party by facsimile.

5.13 Severability

If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of this Agreement shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

5.14 Independent Legal Advice

The Shareholder acknowledges that:

(a) the Shareholder has read this Agreement in its entirety, understands this Agreement and agrees to be bound by its terms and conditions;

(b) the Shareholder has been advised to seek independent legal advice with respect to the Shareholder executing and delivering this Agreement and has received such advice or has, without undue influence, elected to waive the benefit of any such advice; and

(c) the Shareholder is entering into this Agreement voluntarily.

IN WITNESS WHEREOF the Parties have executed this Agreement as of the day and year first above written.

SIGNED, SEALED AND DELIVERED, in the presence of:)

_____)
Witness Name:)

_____

TENKE MINING CORP.

By: _____
Name:

SCHEDULE A
OWNED SECURITIES

The following chart indicates the number of Owned Securities beneficially owned, directly or indirectly, by the Shareholder or over which the Shareholder exercises control or direction directly or indirectly (please provide the details of any indirect ownership).

Name of Shareholder, Address and Facsimile Number	**Number of Lundin Shares**	**Number and Type of Lundin Securities**
• In care of: • Facsimile: •	•	**[Options]** •

Material document (Share Purchase Agreement), filed July 3, 2007

SHARE PURCHASE AGREEMENT

THIS AGREEMENT made as of May 15, 2007.

BETWEEN:

TENKE MINING CORP., a corporation incorporated under the laws of Canada

("**Tenke**")

OF THE FIRST PART

- and -

SURAMINA RESOURCES INC., a corporation incorporated under the laws of Canada

("**Suramina**")

OF THE SECOND PART

WHEREAS the parties hereto (together with Lundin Mining Corporation) executed and delivered a business combination agreement dated as of April 10, 2007 (the "**Business Combination Agreement**") pursuant to which, among other things, the parties thereto, subject to certain terms and conditions, agreed to complete a statutory arrangement (the "**Arrangement**") whereby Tenke will sell its South American Assets (as hereinafter defined) to Suramina in exchange for shares in the capital of Suramina;

AND WHEREAS the parties hereto are therefore desirous of executing and delivering this Agreement, as the definitive share purchase agreement pursuant to which the sale transaction portion of the Arrangement is memorialized, all on and subject to the terms and conditions herein contained;

NOW THEREFORE this Agreement witnesseth that for good and valuable consideration and the mutual covenants and agreements set out below, the receipt and sufficiency whereof being hereby acknowledged, the parties hereto do hereby covenant and agree with each other as follows:

ARTICLE 1
INTERPRETATION

1. Definitions

1.01 In and for the purposes of this Agreement, all capitalized terms when not otherwise defined herein, shall have the respective meanings ascribed thereto in the Business Combination Agreement and additionally the following capitalized terms shall have the following meanings:

"Act" means the *Canada Business Corporations Act*.

"Affiliate" has the meaning ascribed thereto in the Act.

"Arrangement" has the meaning ascribed thereto in the preambles to this agreement.

"Associate" has the meaning ascribed thereto in the Act.

"Business Combination Agreement" has the meaning ascribed thereto in the preambles to this Agreement.

"Business Day" means a day which is not a Saturday, a Sunday or a statutory holiday in the City of Toronto, Ontario.

"CBB" means Cassels Brock & Blackwell LLP.

"Closing Date" means the Effective Date (of the Arrangement).

"Closing Time" means the Effective Time on the Effective Date.

"Disclosure Letter" means the disclosure letter to be delivered by Tenke to Suramina contemporaneous herewith.

"Encumbrance" means a mortgage, charge, pledge, hypothec, lien or security interest of any kind, a voting trust or pooling agreement with respect to securities, a deposit by way of security and a survey exception, easement, right of way or title reservation of any kind.

"Frontera Holdings" means Frontera Holdings (Bermuda) I Ltd.

"Frontera Holdings Shares" means 12,000 shares, comprising all of the issued and outstanding shares in the capital of Frontera Holdings.

"herein", **"hereunder"**, **"hereof"** and similar terms refer to this Agreement as a whole and not to any article, section or other subdivision of this Agreement.

"Suramina Shares" has the meaning ascribed thereto in section 2.02.

"person" includes an individual, body corporate, partnership, joint venture, trust, unincorporated organization, the Crown or any agency or instrumentality thereof or any other entity recognized by law.

"Property" means the property and/or property interests owned and/or held by Frontera Holdings and the Subsidiaries, as more particularly set forth in section 3.01(o) of the Disclosure Letter.

"Regulatory Approvals" means any governmental or regulatory approvals or authorizations required to be obtained from any governmental or regulatory authority, agency or stock exchange with respect to the Sale Transaction.

"related persons" has the meaning ascribed thereto in section 1.02.

"Release" has the meaning ascribed thereto in section 7.05.

"Sale Transaction" means the transaction of sale and purchase provided for in section 2.01.

"South American Assets" means collectively, the Frontera Holdings Shares and US$5.0 million.

"South American Group Members" means collectively, Frontera Holdings and the Subsidiaries.

"Subsidiaries" means the direct and indirect wholly-owned subsidiaries of Frontera Holdings, as more particularly set forth in section 3.01(b) of the Disclosure Letter.

"tax" means any income, corporation, capital, sales, stamp, document, excise, customs, business, property or other tax, impost or duty of any nature or kind imposed by any jurisdiction or other taxing authority whether foreign, domestic, federal, state, provincial or municipal.

"Tenke Agreements" means those agreements executed and delivered by Tenke that shall be assigned by Tenke to Suramina as part of the Sale Transaction given that Tenke will not own the South American Assets, as more particularly set forth in section 2.03 of the Disclosure Letter.

"TSX" means the Toronto Stock Exchange.

"Underlying Agreements" means those agreements with third parties pursuant to which the South American Group Members own or hold certain of the property interests in certain of the Property, as more particularly described in section 3.01(o) of the Disclosure Letter.

1.02 Related Person

In this Agreement, the following persons shall be deemed to be related to each other:

(a) a body corporate and the person who beneficially owns, directly or indirectly, voting securities of such body corporate carrying more than 50% of the voting rights attached to all voting securities of the body corporate for the time being outstanding;

(b) a body corporate and any Affiliate or Associate thereof;

(c) a partnership and any person who is a partner thereof;

(d) a trust or estate and any person who has a substantial beneficial interest therein or as to which such person serves as trustee, executor or in a similar capacity;

(e) persons who are spouses of one another; and

(f) a person and any relative of such person or any relative of the spouse of such person, where such relative has the same home as such person.

1.03 General Rules

(a) The provision of headings and the division of this Agreement into articles, sections and other subdivisions are for convenience of reference only and shall not affect the interpretation hereof.

(b) References in this Agreement to an article, section or other subdivision are to the corresponding article, section or other subdivision of this Agreement, unless otherwise indicated.

(c) In this Agreement, the singular includes the plural, the plural includes the singular and any gender includes the other genders.

1.04 Currency

In this Agreement, all money amounts are expressed in the currency of the United States of America unless otherwise indicated.

1.05 Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the federal laws of Canada applicable therein.

ARTICLE 2
PURCHASE AND SALE OF SOUTH AMERICAN ASSETS

2.01 Purchase and Sale

On closing on the Closing Date, subject to the terms and conditions herein contained and the terms and conditions of the Arrangement, Tenke shall sell to Suramina and Suramina shall purchase from Tenke, the South American Assets.

2.02 Purchase Price and Payment

The purchase price for the South American Assets shall be their fair market value which is agreed to be US$22,463,243 and shall be satisfied by Suramina via the issuance to Tenke of shares in the capital of Suramina (the "**Suramina Shares**") equal in number to the number of issued and outstanding shares in the capital of Tenke outstanding immediately before the Effective Time, other than shares in the capital of Tenke held by shareholders of Tenke who dissent to the Arrangement (the "**Number of Tenke Shares**").

2.03 Assignment of Tenke Agreements

On closing on the Closing Date, Tenke and Suramina shall enter into mutually acceptable assignment agreements pursuant to which the Tenke Agreements (as set forth in section 2.03 of the Disclosure Letter) are assigned by Tenke to Suramina and if applicable, the consent of the counterparties to such Tenke Agreements to the assignment thereof by Tenke to Suramina shall be delivered.

ARTICLE 3
REPRESENTATIONS AND WARRANTIES OF TENKE

3.01 Representations and Warranties

Tenke represents and warrants to Suramina as follows, that, except as disclosed in the Disclosure Letter:

(a) **Incorporation, etc., Tenke**. Tenke is duly incorporated, validly existing and in good standing under the laws of Canada and subject to the terms of the Business Combination Agreement has full corporate power to execute, deliver and perform its obligations under this Agreement and to sell and transfer the South American Assets to Suramina as herein provided. This Agreement has been duly authorized by all necessary corporate action of Tenke and subject to the terms of the Business Combination Agreement constitutes a valid and binding obligation of Tenke enforceable against Tenke in accordance with its terms, provided that enforcement may be limited by bankruptcy, insolvency, liquidation, reorganization, reconstruction and other similar laws generally affecting enforceability of creditors' rights and that equitable remedies such as

specific performance and injunction are in the discretion of the court from which they are sought.

(b) **Incorporation, etc., South American Group Members**. Each of the South American Group Members is duly incorporated, validly existing and in good standing under the laws of its respective jurisdictions of incorporation. The Subsidiaries are set forth in section 3.01(b) of the Disclosure Letter.

(c) **Assets**. Tenke has full corporate power and authority to own or lease, subject to the transfer rights defined in its Underlying Agreements listed in Section 3.01(o) of the Disclosure Letter, its assets as now owned or leased, including without limitation, the South American Assets, and to carry on its business as now carried on. Subject to the above referenced Section 3.01(o) of the Disclosure Letter, each of the South American Group Members has full corporate power and authority to own or lease their assets as now owned or leased and to carry on their business as now carried on. Each of the South American Group Members holds all necessary governmental licences, permits and authorizations in connection with their business. Neither the nature of the business of any of the South American Group Members nor the location or character of any of their assets requires any of the South American Group Members to be registered, licensed or otherwise qualified as a foreign corporation or to be in good standing in any jurisdiction other than those set forth in section 3.01(c) of the Disclosure Letter where each of the South American Group Members as applicable, as set out therein, is duly registered, licensed or otherwise qualified and in good standing for such purpose.

(d) **Regulatory Approvals**. No Regulatory Approvals are required to be obtained by any of Tenke or the South American Group Members to enable Tenke to complete the Sale Transaction, other than as set out in the Business Combination Agreement and section 3.01(d) of the Disclosure Letter.

(e) **Bankruptcy, Insolvency, etc.**. No proceedings have been taken or authorized by any of Tenke or the South American Group Members or to the knowledge of Tenke, by any other person, in respect of the bankruptcy, insolvency, liquidation, dissolution or winding up any of Tenke or the South American Group Members.

(f) **Minute Books**. At the Closing Time, the records of Tenke and the South American Group Members will contain accurate and complete minutes of all meetings held of their respective directors or any committee thereof and their respective shareholders and of all resolutions of their respective directors or any committee thereof and their respective shareholders passed by signature in writing, since the date of their respective incorporation. All resolutions contained in such records will have been duly passed and the share certificate book and share registers of each of the South American Group Members will be complete and accurate.

(g) **Authorized Capital**. The authorized capital of each of the South American Group Members is as set out in section 3.01(g) of the Disclosure Letter and is

issued and outstanding as fully paid and non-assessable. The registered and beneficial owners of all of such issued and outstanding shares with good and marketable title thereto, free and clear of any and all Encumbrances, is as set forth in section 3.01(g) of the Disclosure Letter. No other shares of any of the South American Group Members are outstanding or have been allotted or issued and there is no option, warrant or other right of any kind in existence which could result in any further shares of any of the South American Group Members being allotted or issued or becoming outstanding.

(h) **Other Shares**. None of the South American Group Members owns any shares in or securities of any other body corporate and none of the South American Group Members is a partner of any partnership or member of any joint venture or other business association.

(i) **No Breaches or Defaults**. None of the execution and delivery of this Agreement, the performance of the obligations of Tenke hereunder or thereunder or the consummation of the transactions herein provided for will:

(i) result in or constitute a breach of any term or provision of, or constitute a default under, the articles or by-laws of any of the South American Group Members or any agreement or other commitment to which any of the South American Group Members is a party or by which any of them or any of their respective assets are bound;

(ii) constitute an event which would permit any party to any agreement with the South American Group Members to terminate such agreement or to accelerate the maturity of any indebtedness of the South American Group Members or any other obligation of the South American Group Members; or

(iii) result in the creation or imposition of any Encumbrance upon the Suramina Shares or any asset of the South American Group Members.

(j) **Issuance of Suramina Shares**. Upon delivery of the share certificates representing the Suramina Shares contemporaneous with completion of the Arrangement, Tenke will acquire good and marketable title to the Suramina Shares free and clear of any and all Encumbrances and will have the right to exchange such Suramina Shares pursuant to the Arrangement.

(k) **Business of the South American Group Members, Debts and Obligations**. Between December 31, 2006 and the date of this Agreement, the business of the South American Group Members has been carried on in the ordinary and customary course. Save and except as set out in section 3.01(k) of the Disclosure Letter, none of the South American Group Members has any debts, liabilities or obligations and none of the South American Group Members has given any guarantee of any debt, liability or obligation of any person or body corporate.

(l) **Preservation of Business**. Since December 31, 2006, the South American Group Members have used their best efforts to preserve their business, goodwill and property and all other assets, both tangible and intangible. Since such date, none of the South American Group Members has:

(i) paid any dividend or otherwise made any distribution of any kind or nature whatsoever to its shareholders as such or taken any corporate proceedings for such purpose;

(ii) redeemed, purchased or otherwise retired any of its shares or otherwise reduced its stated capital;

(iii) subjected any of its assets or permitted any of its assets to be subjected to any Encumbrance, with the exception of the declaration of Force Majeure on its Yamiri and La Chola agreements due to new La Rioja Province legislation hindering open pit mining development;

(iv) acquired, sold, leased or otherwise disposed of or transferred any assets other than in the ordinary and customary course of business;

(v) modified, amended or terminated any contract, agreement or arrangement to which it is or was a party or waived or released any right which it has or had, other than in the ordinary and customary course of its business;

(vi) incurred any debt, liability or obligation for borrowed money;

(vii) issued, sold or become liable on any share or debt obligation;

(viii) increased the salary, fringe benefits or other compensation of, or paid any bonus or similar compensation to, any of its officers, directors or other management personnel or given salary or wage increases or additional fringe benefits or other compensation to any of its other employees, except in the normal course of business; or

(ix) agreed or offered to do any of the things described in the preceding clauses (i) through (viii).

(m) **Tax Returns**. Each of the South American Group Members has filed all income tax returns required by law within the times and in the manner prescribed by law and has been fully and finally assessed with respect to all financial years accordingly. Each of the South American Group Members has paid all income tax due and payable as reflected on such above-noted returns and has paid all installments and made all other remittances on account of tax payable by each of the South American Group Members required in respect of any period for which a return has not been filed or is not required.

(n) **Underlying Agreements**. Section 3.01(o) of the Disclosure Letter contains a true and complete list of all Underlying Agreements. To the knowledge of Tenke, all of the Underlying Agreements are valid and binding obligations of the parties thereto and enforceable in accordance with their respective terms. There are no liabilities of any of the South American Group Members arising from any breach or default prior to the date of this Agreement of any provision of any such Underlying Agreements.

(o) **Ownership of Assets**. All of the assets of the South American Group Members are owned by the South American Group Members with good and marketable title thereto, free and clear of any Encumbrances other than those previously described by Tenke to Suramina. The Property and the Underlying Agreements are set forth in section 3.01(o) of the Disclosure Letter.

(p) **Compliance with Laws**. Each of the South American Group Members is in full compliance with all applicable governmental laws, by-laws, regulations and orders relevant to their corporate existence, operations or properties.

(q) **Benefit Plans**. Other than a standard employee group benefit plan, there are no pension, insurance or other benefit plans or agreements which any of the South American Group Members has with respect to or for the benefit of any of their employees and officers. None of the South American Group Members has any stock option or stock purchase plan or agreement, profit sharing plan or agreement or deferred compensation plan or agreement, with or with respect to any of their employees and officers. None of the South American Group Members is under any existing or future obligation to provide any pension or retirement income to any of their employees or officers. Each of the South American Group Members has withheld and remitted to the appropriate authorities all amounts required to be withheld and remitted under any taxation, unemployment insurance, statutory pension or other law in respect of the directors, officers and employees of each of the South American Group Members.

(r) **Insurance**. Each of the South American Group Members is insured under the blanket insurance policies of Tenke which insurance is adequate for the business currently carried on by each of the South American Group Members.

(s) **Infringement**. To the knowledge of Tenke none of:

(i) the machinery and equipment operated by the South American Group Members;

(ii) the processes involved in the operation of any such machinery or equipment or otherwise involved in the activities of the South American Group Members; or

(iii) the activities carried on by the South American Group Members;

constitutes or involves an infringement of any trade mark, patent, copyright, industrial design or proprietary or similar right. None of the South American Group Members owns any trade marks, patents, copyrights, industrial designs or proprietary or similar rights.

(t) **Litigation**. There is no legal, arbitral, governmental or other action, proceeding or investigation pending or threatened against or otherwise affecting any of Tenke or the South American Group Members or any of their material assets or with respect to any matter arising out of their business or in connection with their affairs save and except as set forth in section 3.01(t) of the Disclosure Letter. There is no outstanding judgment, decree, order, ruling or injunction involving any of Tenke or the South American Group Members or relating in any way to the Sale Transaction.

(u) **No Defaults**. None of the South American Group Members is a party to, bound or affected by or subject to, nor are any of their properties or shares bound or affected by or subject to, any indenture, mortgage, debenture, security agreement, lease, agreement, instrument, provision in its articles or by-laws, statute, regulation, rule, judgment, order, decree, law or restriction of any nature which would be violated, contravened, breached by, or under which default would occur as a result of, the execution and delivery of this Agreement and/or the consummation of the Sale Transaction.

(v) **No Agreements**. None of the South American Group Members is a party to any agreement, indenture, mortgage, debenture, security agreement, lease, agreement or instrument or subject to any restriction in its Articles or by-laws or subject to any restriction imposed by Regulatory Authorities having jurisdiction over it or subject to any statute, order, regulation or rule or to any writ, judgment, injunction or decree of any court or state, municipal or other governmental department, commission, board or instrumentality which may limit or restrict or otherwise adversely affect its business, properties, shares or financial condition, other than statutory provisions and restrictions of general application to its particular business.

(w) **Real Property**. Save and except for the Underlying Agreements, none of the South American Group Members is a party to or bound by any material leases of real property. All material payments required to be paid by each of the South American Group Members pursuant to the Underlying Agreements and/or applicable requirements relating to the property have been duly paid and none of the South American Group Members is in material default or in material breach of any term or provision of the Underlying Agreements.

(x) **Bank Accounts**. The name of each bank or other depository in which each of the South American Group Members maintains any bank account, trust account or safety deposit box is set forth in section 3.01(x) of the Disclosure Letter, along with the names of all persons authorized to draw thereon or who have access thereto.

(y) **Environmental Matters**. Each of the South American Group Members possesses or are in the normal process of obtaining all environmental licenses, permits and other governmental approvals and authorizations (collectively, the "**Environmental Permits**") necessary to conduct exploration and mining activities as currently conducted. No Environmental Permit will become void or voidable as a result of the consummation of the Sale Transaction nor, except as disclosed in section 3.01(y) of the Disclosure Letter, is any consent of any person required as a result of the consummation of the Sale Transaction.

Except as disclosed in section 3.01(y) of the Disclosure Letter, the business of the South American Group Members is: (i) being conducted in accordance with all of the requirements of applicable state or local environmental, health and safety statutes and regulations and normal local practices; and (ii) not the subject of any remedial or control action or order of any governmental agency or any investigation or evaluation as to whether any remedial action is needed to respond to an actual or threatened release, discharge, deposit, emission or spill of any hazardous substance, pollutant or contaminant into the environment or any facility or structure.

(z) **Exploration Activities**. All prior exploration work, processes, undertaking and other operations carried on or conducted by or on behalf of the South American Group Members with respect to the Property have been carried on and/or conducted in a sound and workmanlike fashion and in compliance with sound geological and geophysical exploration practices.

Each of the representations and warranties contained in this section 3.01 will be true and accurate at the Closing Time as if made at and as of such time.

ARTICLE 4
REPRESENTATIONS AND WARRANTIES OF SURAMINA

4.01 Representations and Warranties

Suramina represents and warrants to Tenke as follows, that:

(a) **Due Incorporation**. Suramina is duly incorporated, validly existing and in good standing under the laws of Canada and has full corporate power to execute, deliver and perform its obligations under this Agreement, including without limitation, the issuance of the Suramina Shares.

(b) **Due Authorization**. This Agreement has been duly authorized by all necessary corporate action of Suramina and subject to the terms of the Business Combination Agreement, constitutes a valid and binding obligation of Suramina enforceable against it in accordance with its terms, except as such enforceability may be limited by bankruptcy, insolvency, reorganization, similar laws generally affecting the enforcement of creditors' rights and equitable remedies such as

specific performance and injunction are in the discretion of the court from which they are sought.

(c) **Regulatory Approvals**. No Regulatory Approvals are required to be obtained by Suramina to enable Suramina to complete the Sale Transaction other than as set out in the Business Combination Agreement.

(d) **Bankruptcy, Insolvency, etc.** No proceedings have been taken or authorized by Suramina or to the knowledge of Suramina, by any other person in respect of the bankruptcy, insolvency, liquidation, dissolution or winding up of Suramina.

(e) **No Breaches or Defaults**. None of the execution and delivery of this Agreement, the performance of the obligations of Suramina hereunder or the consummation of the transactions herein provided for will:

(i) result in or constitute a breach of any term or provision of, or constitute a default under, the articles or by-laws of Suramina or any agreement or other commitment to which Suramina is a party or by which Suramina or its assets are bound;

(ii) constitute an event which would permit any party to any agreement with Suramina to terminate such agreement or to accelerate the maturity of any indebtedness of Suramina or any other obligation of Suramina; or

(iii) result in the creation or imposition of any Encumbrance upon the Suramina Shares.

(f) **Litigation**. There is no legal, arbitral, governmental or other action, proceeding or investigation pending or threatened against or otherwise affecting Suramina or any of its assets or with respect to any matter arising out of its business or in connection with its affairs. There is no outstanding judgment, decree, order, ruling or injunction involving Suramina or relating in any way to the Sale Transaction.

(g) **No Defaults**. Suramina is not a party to, bound or affected by or subject to, nor are any of its properties or shares bound or affected by or subject to, any indenture, mortgage, debenture, security agreement, lease, agreement, instrument, provision in its articles or by-laws, statute, regulation, rule, judgment, order, decree, law or restriction of any nature which would be violated, contravened, breached by, or under which default would occur as a result of, the execution and delivery of this Agreement and/or the consummation of the Sale Transaction.

(h) **Suramina Shares**. As at the Effective Time, assuming the Arrangement is duly completed and the shares of Suramina are listed and posted for trading on the TSX, the Suramina Shares shall form part of a class of shares that are listed and posted for trading on the TSX.

Each of the representations and warranties contained in this section 4.01 shall be true and accurate at the Closing Time as if made at and as of such time.

ARTICLE 5
CONDITIONS OF PERFORMANCE; WAIVER; AND SURVIVAL OF REPRESENTATIONS

5.01 Conditions of the Obligations of Suramina

It shall be a condition of the obligation of Suramina to complete the Sale Transaction that at the Closing Time:

(a) no proceedings will have been taken or authorized by Tenke or the South American Group Members by any other person or body corporate in respect of the bankruptcy, liquidation, dissolution or winding up of Tenke or the South American Group Members;

(b) there will be no legal, arbitral, governmental or other action, proceeding or investigation pending or threatened against or otherwise affecting Tenke or the South American Group Members or any of their assets or with respect to any matter arising out of their business or in connection with their affairs;

(c) there will be no outstanding judgment, decree, order, ruling or injunction involving Tenke or the South American Group Members or relating in any way to the Sale Transaction;

(d) Tenke and/or Suramina shall have received the approval of the TSX to the completion of the Sale Transaction;

(e) each of the representations and warranties set out in article 3 will be true and correct; and

(f) the Arrangement shall have been duly approved and completed.

5.02 Conditions of the Obligations of Tenke

It shall be a condition of the obligation of Tenke to complete the Sale Transaction that the Closing Time:

(a) no proceedings will have been taken or authorized by Suramina or by any other person or body corporate in respect of the bankruptcy, liquidation, dissolution or winding up of Suramina;

(b) there will be no legal, arbitral, governmental or other action, proceeding or investigation pending or threatened against or otherwise affecting Suramina or any of its assets or with respect to any matter arising out of its business or in connection with its affairs;

(c) there will be no outstanding judgment, decree, order, ruling or injunction involving Suramina or relating in any way to the Sale Transaction;

(d) Tenke and/or Suramina shall have received the approval of the TSX to the completion of the Sale Transaction;

(e) each of the representations and warranties set out in article 4 will be true and correct; and

(f) the Arrangement shall have been duly approved and completed.

5.03 Waiver

Suramina and Tenke may, at their option, waive in whole or in part any or all of the conditions set out in this Agreement for their respective benefit to the extent that any such condition is a condition of its obligation to complete the Sale Transaction, but no such waiver of the whole or any part of any such condition shall operate so as to waive, diminish the scope of or otherwise affect any representation or warranty (whether or not such representation or warranty is also expressed to be a condition) herein contained.

5.04 Survival of Representations and Warranties

All of the representations and warranties herein contained shall survive and remain in full force and effect notwithstanding the completion of the Sale Transaction provided that no claim shall be made for the breach of any representation and warranty contained in article 3 or article 4 unless such claim is first asserted by notice given within one year after the Closing Date.

ARTICLE 6
CLOSING

6.01 Closing Procedure

The Sale Transaction shall be completed at the Closing Time at the offices of Tenke Mining Corp., 2101 Hong Kong Bank of Canada Building, 885 West Georgia Street, Vancouver, British Columbia, V6C 3E8, contemporaneous with and as part of the Arrangement and conditional upon completion of the Arrangement, at which time and place:

(a) **Tenke Closing Deliveries**. Tenke shall deliver or cause to be delivered to Suramina:

(i) share certificates representing the Frontera Holdings Shares and duly executed stock transfers for the Frontera Holdings Shares. All of the

Frontera Holdings Shares shall be duly transferred into the name of Suramina pursuant to the Arrangement;

(ii) US$5.0 million in cash, by certified cheque or wire transfer in immediately available funds;

(iii) certified resolutions of the directors and, if required, of the shareholders of Frontera Holdings by which the transfer of the Frontera Holdings Shares to Suramina and the execution, delivery and performance of this Agreement shall be given all necessary approvals and authorizations;

(iv) proof of receipt of all Regulatory Approvals to the transfer of the Frontera Holdings Shares, including without limitation, the approval of the Bermuda Monetary Authority as well as all third party consents with respect to the Underlying Agreements and the Tenke Agreements, required by reason of the Sale Transaction as well as the documents in section 2.03;

(v) a certificate signed by a senior officer of Tenke certifying as at the Closing Date, that:

(1) each of the representations and warranties contained in article 3 is true and accurate in all respects; and

(2) each of the covenants herein contained of the obligations of Tenke to complete the Sale Transaction has been satisfied; and

(vi) such further and other documents shall be delivered and actions shall be taken by the South American Group Members as may be reasonably required by Suramina and its counsel.

(b) **Suramina Closing Deliveries**. Suramina shall deliver or cause to be delivered to Tenke:

(i) certified resolutions of the directors of Suramina by which the purchase of the South American Assets from Tenke and the execution, delivery and performance of this Agreement shall be given all necessary appraisals and authorizations;

(ii) a certificate signed by a senior officer of Suramina certifying as at the Closing Date, that:

(1) each of the representations and warranties contained in section 4 is true and accurate in all respects; and

(2) each of the covenants herein contained of the obligations of Suramina to complete the Sale Transaction has been satisfied;

(iii) such further and other documents shall be delivered and actions shall be taken by Suramina as may be reasonably required by Tenke.

ARTICLE 7
GENERAL

7.01 Brokerage Fees

Suramina represents and warrants to Tenke and Tenke represents and warrants to Suramina that all negotiations relative to this Agreement have been carried on by Suramina directly with Tenke without the intervention of any person other than professional advisers to such parties and other than as contemplated by the Business Combination Agreement.

Suramina shall indemnify Tenke and hold it harmless from and against any claim whatsoever made in connection with the sale and purchase of the South American Assets by any broker or finder as a result of any act or thing done by or on behalf of Suramina and from any claim, loss or damage suffered by Tenke in consequence of any breach of the Suramina representations and warranties.

Tenke shall indemnify Suramina and hold it harmless against and from any claim whatsoever made in connection with the sale and purchase of the South American Assets by any broker or finder as a result of any act or thing done by or on behalf of Tenke and from any claim, loss or damage suffered by Suramina in consequence of any breach of the Tenke representations and warranties.

7.02 Expenses

Each of the parties hereto shall bear the fees and expenses of its own counsel, accountants and other advisers in connection with this Agreement.

7.03 Notices

All notices, demands and other communications hereunder shall be in writing and shall be deemed to have been duly given if delivered or sent by facsimile transmission:

(i) To Tenke at :

885 West Georgia Street, Suite 2101
Vancouver BC V6C 3E8

Facsimile Number: (604) 689-4250
Attention: Corporate Secretary

(ii) To Suramina at:

885 West Georgia Street, Suite 2101
Vancouver BC V6C 3E8

Facsimile Number: (604) 689-4250
Attention: Corporate Secretary

or at such other address or number as the party to whom such notice, demand or other communication is given may hereafter have last designated by notice given in the manner provided in this section; and if so delivered or sent by facsimile transmission, shall be deemed to have been given on the first business day following its receipt.

7.04 Time

Time shall in all respects be of the essence hereof.

7.05 Confidential Information.

Except as specifically otherwise provided for herein, the Parties will keep confidential all data and information respecting this Agreement and will refrain from using such data and information other than for the activities contemplated hereunder or publicly disclosing it unless required by law or by the rules and regulations of any regulatory authority or stock exchange having jurisdiction or with the consent of the other Party, such consent not to be unreasonably withheld. The provisions of this section do not apply to information that is or becomes part of the public domain other than through a breach of the terms hereof. The Parties will consult with each other prior to issuing any press release or making or filing any other statement (collectively, a "**Release**") to a non-party (including a government or exchange authority) regarding this Agreement, with the disclosing Party advising the other Party of the text of the proposed Release. To the extent practicable, the disclosing Party will provide the other Party with a reasonable opportunity to comment on the Release and will incorporate the other Party's reasonable changes to the Release before the Release is issued, made or filed.

In addition, the disclosing Party will obtain prior consent from the other Party before issuing, making or filing any Release, except if such disclosure is required by law or by the rules and regulations of any regulatory authority or stock exchange having jurisdiction and the other Party unreasonably withholds consent to such Release or does not provide its consent in a timely fashion.

Notwithstanding the foregoing, where a Party requests input or consent from the other Party as to any Release and the other Party has not responded to such request within three Business Days, then the Party proposing the Release will be entitled to proceed with its disclosure as if it had received input or consent from the other Party.

7.06 Entire Agreement

This Agreement constitutes the entire understanding, contract and agreement between the Parties with respect to the subject matter of this Agreement and supersedes all prior oral or written understandings, agreements or contracts, formal or informal, between the Parties save and except for the Business Combination Agreement.

7.07 Assignment

Neither of the Parties may assign their respective interest in this Agreement without the prior written consent of the other Party.

7.08 Counterparts

This Agreement may be executed in several counterparts (by original or telefacsimile signature), each of which when so executed shall be deemed to be an original and such counterparts together shall constitute one and the same instrument.

7.09 Successors and Assigns

This Agreement shall enure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.

IN WITNESS WHEREOF the Parties have executed this agreement as of the date first written above.

TENKE MINING CORP.

Per: _____
Name: PAUL CONIBEAR
Title: PRESIDENT & CEO

SURAMINA RESOURCES INC.

Per: _____
Name: PAUL CONIBEAR
Title: PRESIDENT & CEO

Security holders documents (Certificate of Amendment), filed July 3, 2007

Industry Canada Industrie Canada

Certificate of Amendment

Certificat de modification

Canada Business Corporations Act

Loi canadienne sur les sociétés par actions

RECEIVED
2007 MAY 24 A 9:52

SURAMINA RESOURCES INC. | 674946-1

Name of corporation-Dénomination de la société | Corporation number-Numéro de la société

I hereby certify that the articles of the above-named corporation were amended:

a) under section 13 of the *Canada Business Corporations Act* in accordance with the attached notice;

b) under section 27 of the *Canada Business Corporations Act* as set out in the attached articles of amendment designating a series of shares;

c) under section 179 of the *Canada Business Corporations Act* as set out in the attached articles of amendment;

d) under section 191 of the *Canada Business Corporations Act* as set out in the attached articles of reorganization;

Je certifie que les statuts de la société susmentionnée ont été modifiés:

☐ a) en vertu de l'article 13 de la *Loi canadienne sur les sociétés par actions*, conformément à l'avis ci-joint;

☐ b) en vertu de l'article 27 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes désignant une série d'actions;

☑ c) en vertu de l'article 179 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes;

☐ d) en vertu de l'article 191 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses de réorganisation ci-jointes;

Richard G. Shaw
Director - Directeur

May 15, 2007 / le 15 mai 2007
Date of Amendment - Date de modification

Canada

Industry Canada | Industrie Canada

Canada Business Corporations Act | Loi canadienne sur les sociétés par actions

ELECTRONIC TRANSACTION REPORT | **RAPPORT DE LA TRANSACTION ÉLECTRONIQUE**

ARTICLES OF AMENDMENT (SECTIONS 27 OR 177) | **CLAUSES MODIFICATRICES (ARTICLES 27 OU 177)**

Processing Type - Mode de traitement: E-Commerce/Commerce-É

1. Name of Corporation - Dénomination de la société	2. Corporation No. - N° de la société
6749461 CANADA INC.	674946-1

3. **The articles of the above-named corporation are amended as follows:**
Les statuts de la société mentionnée ci-dessus sont modifiés de la façon suivante:

The Articles of the Corporation be and they are hereby amended by:

1. changing the corporate name of the Corporation from 6749461 Canada Inc. to Suramina Resources Inc.;

2. increasing the authorized capital of the Corporation by creating an unlimited number of Class A shares;

3. declaring that the authorized capital of the Corporation, after giving effect to the foregoing, shall consist of an unlimited number of common shares and an unlimited number of Class A shares;

4. deleting the rights, privileges, restrictions and conditions currently attached to the common shares and providing that the rights, privileges, restrictions and conditions attaching to each class of shares are as follows:

"CLASS A SHARES

Payment of Dividends

The holders of Class A shares shall not be entitled to receive and the Corporation shall not be required to pay any dividends on the Class A shares.

Participation on Liquation, Dissolution or Winding-Up

In the event of the liquidation, dissolution or winding up of the Corporation or other distribution of the assets of the Corporation among its shareholders for the purpose of winding up its affairs, the holders of the Class A shares shall be entitled to receive out of the assets and property of the Corporation, before any amount is paid or any property or assets of the Corporation is distributed to the holders of the common shares or any other class ranking junior to the Class A shares, the amount paid up on each Class A share held by them. After payment on the Class A shares of the amounts so payable to them as above provided, they shall not be entitled to share in any further distribution of the property or assets of the Corporation.

Voting Rights

The holders of Class A shares shall be entitled to receive notice of and to attend and vote at all meetings of shareholders of the Corporation and shall be entitled to one vote in respect of each Class A share at all such meetings.

Purchase for Cancellation

The Corporation may at any time and from time to time purchase for cancellation the whole or any part of any of the Class A shares at a price equal to the amount paid up on each such share.

COMMON SHARES

Payment of Dividends

The common shares shall be entitled to receive ratably such dividends (if any) as the board of directors may in its discretion declare.

Participation on Liquation, Dissolution or Winding-Up

In the event of the liquidation, dissolution or winding-up of the Corporation or other distribution of assets of the Corporation among its shareholders for the purpose of winding-up its affairs, the holders of common shares shall, subject to the prior rights of the holders of Class A shares, be entitled to participate ratably in any distribution of the assets of the Corporation.

Voting Rights

The holders of common shares shall be entitled to receive notice of and to attend and vote at all meetings of shareholders of the Corporation and shall be entitled to one vote in respect of each common share at all such meetings.

Purchase for Cancellation

The Corporation may at any time and from time to time purchase for cancellation the whole or any part of any of the common shares at the lowest price at which, in the opinion of the Directors, such shares are obtainable."

Date	Name - Nom	Signature	Capacity of - en qualité
2007-05-15	PAUL CONIBEAR		AUTHORIZED OFFICER

Canada

Security holders documents (Certificate of Amendment), filed July 3, 2007

Industry Canada Industrie Canada

Certificate of Amendment

Canada Business Corporations Act

Certificat de modification

Loi canadienne sur les sociétés par actions

SURAMINA RESOURCES INC. 674946-1

Name of corporation-Dénomination de la société | Corporation number-Numéro de la société

I hereby certify that the articles of the above-named corporation were amended:

a) under section 13 of the *Canada Business Corporations Act* in accordance with the attached notice;

b) under section 27 of the *Canada Business Corporations Act* as set out in the attached articles of amendment designating a series of shares;

c) under section 179 of the *Canada Business Corporations Act* as set out in the attached articles of amendment;

d) under section 191 of the *Canada Business Corporations Act* as set out in the attached articles of reorganization;

Je certifie que les statuts de la société susmentionnée ont été modifiés:

☐ a) en vertu de l'article 13 de la *Loi canadienne sur les sociétés par actions*, conformément à l'avis ci-joint;

☐ b) en vertu de l'article 27 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes désignant une série d'actions;

☑ c) en vertu de l'article 179 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes;

☐ d) en vertu de l'article 191 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses de réorganisation ci-jointes;

Richard G. Shaw
Director - Directeur

June 26, 2007 / le 26 juin 2007
Date of Amendment - Date de modification

Canada

Industry Canada | Industrie Canada

Canada Business Corporations Act | Loi canadienne sur les sociétés par actions

ELECTRONIC TRANSACTION REPORT | **RAPPORT DE LA TRANSACTION ÉLECTRONIQUE**

ARTICLES OF AMENDMENT (SECTIONS 27 OR 177) | **CLAUSES MODIFICATRICES (ARTICLES 27 OU 177)**

Processing Type - Mode de traitement: E-Commerce/Commerce-É

1. Name of Corporation - Dénomination de la société	2. Corporation No. - N° de la société
SURAMINA RESOURCES INC.	674946-1

3. **The articles of the above-named corporation are amended as follows:**
Les statuts de la société mentionnée ci-dessus sont modifiés de la façon suivante:

1. by removing the following from Section 4 of the Articles of Incorporation:

"The transfer of shares of the Corporation shall be restricted in that no shareholder shall be entitled to transfer any share or shares without either:

(a) the approval of the directors of the Corporation expressed by a resolution passed at a meeting of the board of directors or by a resolution in writing signed by all of the directors entitled to vote on that resolution at a meeting of directors; or

(b) the approval of the holders of shares of the Corporation carrying at least a majority of the votes entitled to be cast at a meeting of shareholders (other than a separate class vote of the holders of another class of shares of the Corporation) expressed by a resolution passed at a meeting of the holders of such shares or by an instrument or instruments in writing signed by the holders of a majority of such shares."

and replacing the following in Section 4 of the Articles of Incorporation:

"None."

2. by increasing the minimum number of directors from one (1) to three (3) so that Section 5 would provide as follows:

"Minimum: 3 Maximum: 10"

3. by removing the following from Section 7 of the Articles of Incorporation:

"Except in the case of any class or series of shares of the Corporation listed on a stock exchange, the Corporation shall have a lien on the shares registered in the name of a shareholder or his legal representative for a debt of that shareholder to the Corporation.

No securities of the Corporation, other than non-convertible debt securities, shall be transferred without either:

(a) the approval of the directors of the Corporation expressed by a resolution passed at a meeting of the board of directors or by a resolution in writing signed by all of the directors entitled to vote on that resolution at a meeting of directors;

(b) the approval of the holders of shares of the Corporation carrying at least a majority of the votes entitled to be c ast at a meeting of shareholders (other than a separate class vote of the holders of another class of shares of the Corporation) expressed by a resolution passed at a meeting of the holders of such shares or by an instrument or instruments in writing signed by the holders of a majority of such shares; or

(c) if applicable, the restriction contained in security holders' agreements."

Date	Name - Nom	Signature	Capacity of - en qualité
2007-06-26	JOHN H. CRAIG		DIRECTOR

Canada

Security holders documents (By-Law No. 1), filed July 3, 2007

BY-LAW NO. 1

A by-law relating generally to
the conduct of the affairs of

6749461 CANADA INC.

CONTENTS

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Part Nine	-	Dividends and Rights
Part Ten	-	Meetings of Shareholders
Part Eleven	-	Notices
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BE IT ENACTED AND IT IS HEREBY ENACTED as a by-law of 6479461 Canada Inc. (hereinafter called the "Corporation") as follows:

PART ONE

INTERPRETATION

1.01 Definitions

In this by-law and all other by-laws of the Corporation, unless the context otherwise specifies or requires:

- "Act" means the Canada Business Corporations Act, R.S.C., 1985, c. C-44, as from time to time amended, and every statute that may be substituted therefor and, in the case of such amendment or substitution, any reference in the by-laws of the Corporation shall be read as referring to the amended or substituted provisions therefor:

- "board" means the board of directors of the Corporation;

- "by-laws" means any by-law of the Corporation from time to time in force and effect;

- "meeting of shareholders" includes an annual meeting of shareholders and a special meeting of shareholders:

- "non-business day" means Saturday, Sunday and any other day that is a holiday as defined in the Interpretation Act (Canada);

- "recorded address" means in the case of a shareholder, his address as recorded in the securities register; and in the case of joint shareholders, the address appearing in the securities register in respect of such joint holding, or the first address so appearing if there are more than one; and in the case of a director, officer, auditor or member of a committee of the board, his latest address as recorded in the records of the Corporation;

- "signing officer" means, in relation to any instrument, any person authorized to sign the same on behalf of the Corporation by section 2.04 or by a resolution passed pursuant thereto;

- "special meeting of shareholders" includes a meeting of any class or classes of shareholders, and means a special meeting of all shareholders entitled to vote at an annual meeting of shareholders:

- all terms contained in the by-laws which are defined in the Act shall have the meanings given to such terms in the Act;

- words importing the singular number only shall include the plural and vice-versa; words importing the masculine gender shall include

the feminine and neuter genders; words importing persons shall include bodies corporate, partnerships, syndicates, trusts and any number or aggregate of persons; and

- the headings used in the by-laws are inserted for reference purposes only, and are not to be considered or taken into account in construing the terms or provisions thereof, or to be deemed in any way to clarify, modify or explain the effect of any such terms or provisions.

PART TWO

BUSINESS OF THE CORPORATION

2.01 Registered Office

Unless changed in accordance with the Act, the registered office of the Corporation shall be at the place within Canada from time to time specified in the articles and at such address therein as the directors may from time to time determine.

2.02 Corporate Seal

The corporate seal of the Corporation shall be in such form as the directors may by resolution adopt from time to time.

2.03 Financial Year

The first financial period of the Corporation and thereafter the fiscal year of the Corporation shall terminate on such date as the directors may by resolution determine.

2.04 Execution of Contracts, Etc.

Subject to section 2.06, contracts, documents or instruments in writing requiring the signature of the Corporation may be signed on behalf of the Corporation by any officer or director. The directors are authorized from time to time by resolution to appoint any officer or officers or any other person or persons on behalf of the Corporation either to sign contracts, documents or instruments in writing generally or to sign specific contracts, documents or instruments in writing.

The signature or signatures of any officer or director of the Corporation and of any officer or officers, person or persons appointed as aforesaid by resolution of the directors may, if specifically authorized by resolution of the directors, be printed, engraved, lithographed or otherwise mechanically reproduced upon all contracts, documents or instruments in writing

or bonds, debentures or other securities of the Corporation executed or issued by or on behalf of the Corporation, and all contracts, documents or instruments in writing or securities of the Corporation on which the signature or signatures of any of the foregoing officers, directors or persons shall be so reproduced, as authorized by resolution of the directors, shall be deemed to have been manually signed by such officers, directors or persons whose signature or signatures is or are so reproduced, and shall be as valid to all intents and purposes as if they had been signed manually, and notwithstanding that the officers, directors or persons whose signature or signatures is or are so reproduced may have ceased to hold office at the date of the delivery or issue of such contracts, documents or instruments in writing or securities of the Corporation.

The corporate seal of the Corporation may, when required, be affixed to contracts, documents or instruments in writing signed as aforesaid or by an officer or officers, person or persons appointed as aforesaid by resolution of the board of directors, although a document is not invalid merely because a corporate seal is not affixed thereto.

The term "contracts, documents or instruments in writing" as used in this by-law shall include deeds, mortgages, hypothecs, charges, conveyances, transfers and assignments of property, real or personal, immovable or movable, agreements, releases, receipts and discharges for the payment of money or other obligations, conveyances, transfers and assignments of securities and all paper writings.

2.05 Banking Arrangements

The banking business of the Corporation including, without limitation, the borrowing of money and the giving of security therefor, shall be transacted with such banks, trust companies or other bodies corporate or organizations as may from time to time be designated by or under the authority of the directors. Such banking business or any part thereof shall be transacted under such agreements, instructions and delegations of powers as the directors may from time to time prescribe or authorize.

2.06 Cheques, Drafts, Notes, Etc.

All cheques, drafts or orders for the payment of money, and all notes, acceptances and bills of exchange shall be signed by such officer or officers or other person or persons, whether or not an officer or officers of the Corporation, and in such manner as the directors may from time to time designate by resolution.

2.07 Custody of Securities

All securities (including certificates, warrants or other evidences of conversion privileges, options or rights to acquire securities) owned by the Corporation shall be lodged in the name of the Corporation with a chartered

bank or a trust company or in a safety deposit box or, if so authorized by resolution of the directors, with such other depositaries or in such other manner as may be determined from time to time by the directors. All securities (including warrants) belonging to the Corporation may be issued and held in the name of a nominee or nominees of the corporation (and if issued or held in the names of more than one nominee shall be held in the names of the nominees jointly with right of survivorship), and shall be endorsed in blank with endorsement guaranteed in order to enable transfer thereof to be completed and registration thereof to be effected.

2.08 Voting Securities in Other Bodies Corporate

The signing officers of the Corporation may execute and deliver proxies and arrange for the issuance of voting certificates or other evidence of the right to exercise the voting rights attaching to any securities held by the Corporation. Such instruments shall be in favour of such persons as may be determined by the said signing officers executing or arranging for the same. In addition, the directors may from time to time direct the manner in which and the persons by whom any particular voting rights or class of voting rights may or shall be exercised.

PART THREE

DIRECTORS

3.01 Number of Directors

Until changed in accordance with the Act, the board shall consist of not fewer than the minimum number and not more than the maximum number of directors provided in the articles.

3.02 Qualification

Every director shall be an individual eighteen (18) or more years of age, and no one who is of unsound mind and has been so found by a court in Canada or elsewhere, or who has the status of a bankrupt shall be a director. Unless the articles otherwise provide, a director need not be a shareholder. At least twenty-five per cent of the directors of the Corporation must be resident Canadians. If at any time the Corporation has less than four directors, at least one director must be a resident Canadian.

3.03 Term of Office

A director's term of office (subject to the provisions, if any, of the Corporation's articles, and subject to his election for an expressly stated term) shall be from the date of the meeting at which he is elected or appointed until the

close of the annual meeting next following, or until his successor is elected or appointed.

3.04 Election and Removal

Directors shall be elected by the shareholders in a meeting on a show of hands unless a poll is demanded, and if a poll is demanded, such election shall be by ballot. The number of directors to be elected at any such meeting shall be the number of directors then in office unless the directors or the shareholders otherwise determine. Except for those directors elected for an expressly stated term, all the directors then in office shall cease to hold office at the close of a meeting of shareholders at which directors are elected but, if qualified, are eligible for re-election. If a meeting of the shareholders of the Corporation fails to elect the number or the minimum number of directors required by the articles by reason of the disqualification, incapacity or the death of any candidates, the directors elected at that meeting may exercise all the powers of the directors if the number of directors so elected constitutes a quorum. Subject to subsection 2 of section 109 of the Act, the shareholders of the Corporation may, by ordinary resolution at a special meeting, remove any director before the expiration of his term of office, in which case the director so removed shall vacate office forthwith upon the passing of the resolution for his removal, and may, by a majority of the votes cast at the meeting, elect any person in his stead for the remainder of his term.

3.05 Vacation of Office

The office of a director shall ipso facto be vacated if:

(a) he dies:

(b) he is removed from office by the shareholders;

(c) he becomes bankrupt;

(d) he is found by a court in Canada or elsewhere to be of unsound mind; or

(e) his written resignation is received by the Corporation, or if a time is specified in such resignation, at the time so specified, whichever is later.

3.06 Vacancies

Subject to the Act, where a vacancy occurs in the board, except a vacancy resulting from an increase in the number or minimum number of directors or from failure to elect the number or minimum number of directors required by the articles, and a quorum of directors remains in office, the directors then in office (even though twenty-five per cent of such directors are not resident

Canadians) may appoint a person to fill the vacancy for the remainder of the term. If there is not then a quorum of directors or if there has been a failure to elect the number or minimum number of directors required by the articles, the directors then in office shall forthwith call a special meeting of shareholders to fill the vacancy and, if they fail to do so or if there are no directors then in office, the meeting may be called by any shareholder.

3.07 Action by Directors

Subject to any unanimous shareholder agreement, the directors shall manage the business and affairs of the Corporation, and may exercise all such powers and do all such acts and things as may be exercised or done by the Corporation and are not by the Act, the articles, the by-laws, any special resolution of the Corporation, a unanimous shareholder agreement or by statute expressly directed or required to be done in some other manner.

3.08 Canadian Directors Present at Meetings

The directors shall not transact business at a meeting unless at least twenty-five per cent of the directors present are resident Canadians or, if the Corporation has less than four directors, at least one of the directors present is a resident Canadian, except where:

(a) a resident Canadian director who is unable to be present approves in writing or by telephonic, electronic or other communication facility, the business transacted at the meeting; and

(b) the required number of resident Canadian directors would have been present had that director been present at the meeting.

3.09 Duties

Every director and officer of the Corporation in exercising his powers and discharging his duties shall:

(a) act honestly and in good faith with a view to the best interest of the Corporation; and

(b) exercise the care, diligence and skill that a reasonably prudent person would exercise in comparable circumstances.

3.10 Validity of Acts

An act by a director or officer is valid notwithstanding an irregularity in his election or appointment or a defect in his qualification.

3.11 Remuneration and Expenses

Subject to any unanimous shareholder agreement, the remuneration to be paid to the directors shall be such as the directors shall from time to time determine. The directors may also by resolution award special remuneration to any director in undertaking any special services on the Corporation's behalf other than the routine work ordinarily required of a director of a Corporation. The confirmation of any such resolution or resolutions by the shareholders shall not be required. The directors shall also be entitled to be paid their travelling and other expenses properly incurred by them in connection with the affairs of the Corporation.

PART FOUR

MEETINGS OF DIRECTORS

4.01 Calling of Meetings

Meetings of the directors shall be held from time to time at such place as the chairman of the board (if any), the president or vice-president who is a director or any two directors may determine and the secretary shall, upon direction of any of the foregoing, convene a meeting of directors.

4.02 Place of Meeting

Meetings of directors and of any committee of directors may be held at any place in or outside Canada.

4.03 Notice

Notice of the time and place for the holding of any such meeting shall be delivered, mailed, telegraphed, cabled or telexed to each director not less than 2 days (exclusive of the day on which the notice is delivered, mailed, telegraphed, cabled or telexed, but inclusive of the day for which notice is given) before the date of the meeting; provided that meetings of the directors or of any committee of directors may be held at any time without formal notice if all the directors are present (except where a director attends a meeting for the express purpose of objecting to the transaction of any business on the grounds that the meeting is not lawfully called) or if all absent directors have waived notice. Notice of any meeting of directors or of any committee of directors or any irregularity in any meeting or the notice thereof may be waived by any director in writing or by telegram, cable or telex addressed to the Corporation or in any other manner, and such waiver may be validly given either before or after the meeting to which such waiver relates. A notice of meeting of directors or of any committee of directors need not specify the purpose of or the business to be transacted at the meeting except where the Act requires such purpose or business to be specified, including any proposal to:

(a) submit to the shareholders any question or matter requiring approval of the shareholders;

(b) fill a vacancy among the directors or in the office of auditors of the Corporation;

(c) issue securities of the Corporation;

(d) declare dividends;

(e) purchase, redeem or otherwise acquire shares of the Corporation;

(f) pay a commission for the sale of shares;

(g) approve a management proxy circular;

(h) approve a takeover bid circular or directors' circular;

(i) approve any annual financial statements; or

(j) adopt, amend or repeal by-laws.

4.04 Quorum

Subject to section 3.08, the quorum for the transaction of business at any meeting of the directors shall consist of a majority of the directors then in office and, notwithstanding any vacancy among the directors, a quorum of directors may exercise all the powers of the directors.

4.05 First Meeting of the New Board

For the first meeting of directors to be held following the election of directors at an annual or special meeting of the shareholders, or for a meeting of directors at which a director is appointed to fill a vacancy in the board, no notice of such meeting need be given to the newly elected or appointed director or directors in order for the meeting to be duly constituted, provided a quorum of the directors is present.

4.06 Adjournment

Any meeting of directors or of any committee of directors may be adjourned from time to time by the chairman of the meeting, with the consent of the meeting, to a fixed time and place, and no notice of the time and place for the holding of the adjourned meeting need be given to any director if the time and place of the adjourned meeting are announced at the original meeting. Any adjourned meeting shall be duly constituted if held in accordance with the terms of the adjournment and a quorum is present thereat. The directors who formed a

quorum at the original meeting are not required to form the quorum at the adjourned meeting. If there is no quorum present at the adjourned meeting, the original meeting shall be deemed to have terminated forthwith after its adjournment.

4.07 Telephone Participation

Where all directors have consented thereto (either before or after the meeting), a director may participate in a meeting of directors or of any committee of directors by means of such telephone or other communications facilities as permit all persons participating in the meeting to hear each other, and a director participating in a meeting by such means shall be deemed to be present at that meeting.

4.08 Regular Meetings

The directors may appoint a day or days in any month or months for regular meetings of the directors at a place and hour to be named. A copy of any resolution of the board fixing the place and time of such regular meetings shall be sent to each director forthwith after being passed, but no other notice shall be required for any such regular meeting except where the Act requires the purpose thereof or the business to be transacted thereat to be specified.

4.09 Chairman

The chairman of any meeting of the directors shall be the first mentioned of such of the following officers as have been appointed and who is a director and is present at the meeting: chairman of the board, managing director, president, or a vice-president. If no such officer is present, the directors present shall choose one of their number to be chairman.

4.10 Votes to Govern

All questions arising at any meeting of directors shall be decided by a majority of votes. In case of an equality of votes, the chairman of the meeting in addition to his original vote shall not have a second or casting vote.

4.11 Resolution in Lieu of Meeting

A resolution in writing signed by all the directors entitled to vote on that resolution at a meeting of directors or committee of directors is as valid as if it had been passed at a meeting of directors or committee of directors. A copy of every such resolution shall be kept with the minutes of the proceedings of the directors or committee of directors.

4.12 One Director Meeting

If the Corporation has only one director, that director may constitute a meeting.

PART FIVE

COMMITTEES

5.01 Committees of Directors

The directors may appoint one or more committees of the board, however designated, and delegate to any such committee any of the powers of the board except those which pertain to items which, under the Act, a committee of the board has no authority to exercise.

5.02 Transaction of Business

Subject to the provisions of section 4.07, the powers of such committee or committees of directors may be exercised by a meeting at which a quorum is present or by resolution in writing signed by all the members of such committee who would have been entitled to vote on that resolution at a meeting of the committee. Meetings of such committee may be held at any place in or outside Canada.

5.03 Advisory Bodies

The directors may from time to time appoint advisory bodies as they may deem advisable.

5.04 Procedure

Unless otherwise determined by the directors, each committee shall have the power to fix its quorum at not less than a majority of its members, to elect its chairman and to regulate its procedure.

PART SIX

OFFICERS

6.01 Appointment of Officers

The directors shall annually or as often as may be required appoint a president and a secretary, and if deemed advisable, may annually or as often as may be required appoint one or more vice-presidents, (to which title may be words added indicating seniority or function), a treasurer, and such other officers as the directors may determine, including one or more assistants to any one of

the officers so appointed. Subject to sections 6.02 and 6.03, an officer may but need not be a director, and one person may hold more than one office. In case and whenever the same person holds the offices of secretary and treasurer, he may but need not be known as the secretary-treasurer. The directors may from time to time appoint such other officers, employees and agents as they shall deem necessary who shall have such authority and shall perform such functions and duties as may from time to time be prescribed by resolution of the directors.

6.02 Chairman of the Board

The board may from time to time appoint a chairman of the board who shall be a director. If appointed, the directors may assign to him any of the powers and duties that are by any provisions of this by-law assigned to the managing director or to the president; and he shall, subject to the provisions of the Act, have such other powers and duties as the directors may specify. During the absence or disability of the chairman of the board, his duties shall be performed and his powers exercised by the managing director, if any, or by the president.

6.03 Managing Director

The directors may from time to time appoint from their number a managing director who is a resident Canadian, and may delegate to the managing director any of the powers of the directors subject to the Act. A managing director shall conform to all lawful orders given to him by the directors of the Corporation, and shall at all reasonable times give to the directors or any of them all information they may require regarding the affairs of the Corporation.

6.04 President

The president shall be the chief executive officer of the Corporation, and shall exercise general supervision over the business and affairs of the Corporation. In the absence of the chairman of the board and managing director, if any, and if the president is also a director of the Corporation, the president shall, when present, preside at all meetings of the directors, any committee of the directors and shareholders; he shall sign such contracts, documents or instruments in writing as require his signature, and shall have such other powers and shall perform such other duties as may from time to time be assigned to him by resolution of the directors or as are incident to his office.

6.05 Vice-President

The vice-president or, if more than one, the vice-presidents in order of seniority, shall be vested with all the powers and shall perform all the duties of the president in the absence or inability or refusal to act of the president, provided, however, that a vice-president who is not a director shall not preside as chairman at any meeting of directors or shareholders. The vice-president or, if more than one, the vice-presidents in order of seniority, shall sign such

contracts, documents or instruments in writing as require his or their signatures and shall also have such other powers and duties as may from time to time be assigned to him or them by resolution of the directors.

6.06 Secretary

The secretary shall give or cause to be given notices for all meetings of the directors and any committee of the directors and shareholders when directed to do so, and shall have charge of the minute books of the Corporation and, subject to the provisions of section 8.03 hereof, of the documents and registers required by the Act. He shall sign such contracts, documents or instruments in writing as require his signature, and shall have such other powers and duties as may from time to time be assigned to him by resolution of the directors, or as are incident to his office.

6.07 Treasurer

Subject to the provisions of any resolution of the directors, the treasurer shall have the care and custody of all the funds and securities of the Corporation, and shall deposit the same in the name of the Corporation in such bank or banks or with such other depositary or depositaries as the directors may by resolution direct. He shall prepare and maintain proper accounting records in compliance with the Act. He shall render to the directors whenever required an account of all his transactions as treasurer and of the financial position of the Corporation. He shall sign such contracts, documents or instruments in writing as require his signature, and shall have such other powers and duties as may from time to time be assigned to him by resolution of the directors or as are incident to his office.

6.08 Powers and Duties of Other Officers

The powers and duties of all other officers shall be such as the terms of their engagement call for or as the directors or the chief executive officer may specify. Any of the powers and duties of an officer to whom an assistant has been appointed may be exercised and performed by such assistant, unless the board or the chief executive officer otherwise directs.

6.09 Duties of Officers May Be Delegated

In case of the absence or inability or refusal to act of any officer of the Corporation or for any other reason that the directors may deem sufficient, the directors may delegate all or any of the powers of such officer to any other officer or to any director for the time being.

6.10 Term of Office

All officers, employees and agents, in the absence of agreement to the contrary, shall be subject to removal by resolution of the directors at any

time, with or without cause. Otherwise, each officer appointed by the directors shall hold office until his successor is appointed.

6.11 Variation of Powers and Duties

The directors may from time to time and subject to the provisions of the Act, vary, add to or limit the powers and duties of any officer.

6.12 Terms of Employment and Remuneration

The terms of employment and remuneration of all officers appointed by the board, including the chairman of the board, if any, and the president shall be determined from time to time by resolution of the board. The fact that any officer or employee is a director or shareholder shall not disqualify him from receiving such remuneration as may be determined.

6.13 Conflict of Interest

An officer shall disclose his interest in any material contract or proposed material contract with the Corporation in accordance with section 7.04.

6.14 Fidelity Bonds

The directors may require such officers, employees and agents of the Corporation as the directors deem advisable to furnish bonds for the faithful discharge of their powers and duties, in such form and with such surety as the directors may from time to time determine, provided that no director shall be liable for failure to require any such bond or for the insufficiency of any such bond or for any loss by reason of the failure of the Corporation to receive any indemnity thereby provided.

6.15 Vacancies

If the office of chairman, managing director, president, vice-president, secretary, treasurer, or any other office created by the directors pursuant to section 6.08 hereof shall be or become vacant by reason of death, resignation or in any other manner whatsoever, the directors shall in the case of the president or the secretary and may in the case of any other officer appoint an officer to fill such vacancy.

6.16 Other Officers

The duties of all other officers of the Corporation shall be such as the terms of their engagement call for or the board requires of them. Any of the powers and duties of an officer to whom an assistant has been appointed may be exercised and performed by such assistant, unless the board otherwise directs.

PART SEVEN

PROTECTION OF DIRECTORS AND OFFICERS

7.01 Limitation of Liability

No director or officer for the time being of the Corporation shall be liable for the acts, receipts, neglects or defaults of any other director or officer or employee or for joining in any receipt or act for conformity, or for any loss, damage or expense happening to the Corporation through the insufficiency or deficiency of title to any property acquired by the Corporation or for or on behalf of the Corporation, or for the insufficiency or deficiency of any security in or upon which any of the moneys of or belonging to the Corporation shall be placed out or invested, or for any loss or damage arising from the bankruptcy, insolvency or tortious act of any person, including any person with whom or which any moneys, securities or effects shall be lodged or deposited, or for any loss, conversion, misapplication or misappropriation of or any damage resulting from any dealings with any moneys, securities or other assets belonging to the Corporation or for any other loss, damage or misfortune whatever which may happen in the execution of the duties of his office or in relation thereto, unless the same shall happen by or through his failure to exercise his powers and to discharge his duties honestly, in good faith with a view to the best interests of the Corporation, and in connection therewith to exercise the care, diligence and skill that a reasonably prudent person would exercise in comparable circumstances, provided that nothing herein contained shall relieve a director or officer from the duty to act in accordance with the Act and regulations made thereunder, or relieve him from liability for a breach thereof. The directors for the time being of the Corporation shall not be under any duty or responsibility in respect of any contract, act or transaction whether or not made, done or entered into in the name or on behalf of the Corporation, except such as shall have been submitted to and authorized or approved by the board of directors.

7.02 Indemnity

Subject to the Act, the Corporation shall indemnify a director or officer of the Corporation, a former director or officer of the Corporation or another individual who acts or acted at the Corporation's request as a director or officer, or an individual acting in a similar capacity, of another entity, against all costs, charges and expenses, including an amount paid to settle an action or satisfy a judgment, reasonably incurred by the individual in respect of any civil, criminal, administrative, investigative or other proceeding to which the individual is involved because of that association with the Corporation or other entity, if:

(a) the individual acted honestly and in good faith with a view to the best interests of the Corporation, or, as the case may be, to the best interests of the other entity for which the individual acted as

director or officer or in a similar capacity at the Corporation's request; and

(b) in the case of a criminal or administrative action or proceeding that is enforced by a monetary penalty, the individual had reasonable grounds for believing that the individual's conduct was lawful.

7.03 Insurance

Subject to the Act, the Corporation may purchase and maintain insurance for the benefit of any person referred to in section 7.02 against any liability incurred by him in his capacity as a director or officer of the Corporation or of another body corporate at the Corporation's request.

7.04 Conflict of Interest

A director or officer who is a party to, or who is a director or officer of or has a material interest in any material contract with the Corporation shall disclose the nature and extent of his interest at the time and in the manner provided by the Act. Any such contract or proposed contract shall be referred to the directors or shareholders for approval even if such contract is one that in the ordinary course of the Corporation's business would not require approval by the directors or shareholders, and a director interested in a contract so referred to the board shall not vote on any resolution to approve the same except as provided by the Act.

7.05 Submission of Contracts or Transactions to Shareholders for Approval

The directors in their discretion may submit any contract, act or transaction for approval, ratification or confirmation at any annual meeting of the shareholders or at any special meeting of the shareholders called for the purpose of considering the same and any contract, act or transaction that shall be approved, ratified or confirmed by resolution passed by a majority of the votes cast at any such meeting (unless any different or additional requirement is imposed by the Act or by the Corporation's articles or any other by-law) shall be as valid and as binding upon the Corporation and upon all the shareholders as though it had been approved, ratified and/or confirmed by every shareholder of the Corporation.

PART EIGHT

SHARES

8.01 Allotment

Subject to the Act, the articles of the Corporation and any unanimous shareholder agreement, the directors may from time to time allot, or grant options to purchase, the whole or any part of the authorized and unissued shares of the Corporation at such times and to such persons and for such consideration as the directors may determine, provided that no share shall be issued until it is fully paid as provided by the Act.

8.02 Commissions

The directors may from time to time authorize the Corporation to pay a reasonable commission to any person in consideration of his purchasing or agreeing to purchase shares of the Corporation, whether from the Corporation or from any other person, or procuring or agreeing to procure purchasers for any such shares.

8.03 Transfer Agents and Registrars

The directors may from time to time appoint a registrar to maintain the securities register and a transfer agent to maintain the register of transfers and may also appoint one or more branch registrars to maintain branch securities registers and one or more branch transfer agents to maintain branch registers of transfers, but one person may be appointed both registrar and transfer agent. The directors may at any time terminate any such appointment.

8.04 Share Certificates

Every holder of one or more shares of the Corporation shall be entitled, at his option, to a share certificate, or to a non-transferrable written acknowledgement of his right to obtain a share certificate, stating the number and class or series of shares held by him as shown on the securities register. Share certificates and acknowledgements of a shareholder's right to a share certificate shall be in such form as the directors shall from time to time approve. Any share certificate shall be signed in accordance with section 2.04: it need not be under the corporate seal. The signature of one of the signing officers may be printed or mechanically reproduced in facsimile upon share certificates; the other officer must sign manually. Every such facsimile signature shall for all purposes be deemed to be a signature binding upon the Corporation. Unless the directors otherwise determine, certificates representing shares in respect of which a transfer agent or registrar, as the case may be, has been appointed shall not be valid unless countersigned manually by or on behalf of such transfer agent or registrar. In the case of share certificates which are not valid unless countersigned manually by or on behalf of a transfer agent or registrar, the

signature of both signing officers may be printed or mechanically reproduced in facsimile upon share certificates and every such facsimile signature shall for all purposes be deemed to be a signature binding upon the Corporation. Notwithstanding any change in the persons holding office between the time of signing and the issuance of any certificate, and notwithstanding that a person may not have held office at the date of issuance of such certificate, any such certificate so signed shall be valid and binding upon the Corporation.

8.05 Registration of Transfer

Subject to the Act, a transfer of shares shall not be registered in a securities register except upon presentation of the certificate representing such shares with a transfer endorsed thereon, or delivered therewith, duly executed by the registered holder or by his attorney, fiduciary or agent duly appointed, together with such reasonable assurance that the endorsement is genuine and effective as the directors may from time to time prescribe, upon payment of all applicable taxes and any reasonable fees prescribed by the directors, upon compliance with such restrictions on transfer as are authorized by the articles, and upon satisfaction of any lien referred to in section 8.10.

8.06 Non-Recognition of Trusts

Subject to the Act, the Corporation may treat the registered holder of any share as the person exclusively entitled to vote, to receive notices, to receive any dividend or other payments in respect of the share, and otherwise to exercise all the rights and powers of an owner of the share.

8.07 Joint Shareholders

If two or more persons are registered as joint holders of any share, the Corporation shall not be bound to issue more than one certificate in respect thereof, and delivery of such certificate to one of such persons shall be sufficient delivery to all of them. Any one of such persons may give effectual receipts for the certificate issued in respect thereof or for any dividend, bonus, return of capital or other money payable or warrant issuable in respect of such share.

8.08 Deceased Shareholders

In the event of the death of a holder, or of one of the joint holders, of any share, the Corporation shall not be required to make any entry in the securities register in respect thereof or to make dividends or other payments in respect thereon except upon production of all such documents as may be required by law and upon compliance with the reasonable requirements of the Corporation and its transfer agents.

8.09 Replacement of Share Certificates

The directors or any officer or agent designated by the directors may in their or his discretion direct the issue of a new share certificate in lieu of and upon cancellation of a share certificate that has been mutilated or in substitution for a share certificate claimed to have been lost, destroyed or wrongfully taken on payment of such reasonable fee, and on such terms as to indemnity, reimbursement of expenses and evidence of loss and of title as the directors may from time to time prescribe, whether generally or in any particular case.

8.10 Lien for Indebtedness

If the articles provide that the Corporation shall have a lien on shares registered in the name of a shareholder indebted to the Corporation, such lien may be enforced, subject to the articles and to any unanimous shareholder agreement, by the sale of the shares thereby affected or by any other action, suit, remedy or proceeding authorized or permitted by law or by equity and, pending such enforcement, may refuse to register a transfer of the whole or any part of such shares.

PART NINE

DIVIDENDS AND RIGHTS

9.01 Dividends

Subject to the Act, the directors may from time to time declare dividends payable to the shareholders according to their respective rights and interests in the Corporation. Dividends may be paid in money or property or by issuing fully paid shares of the Corporation.

9.02 Dividend Cheques

A dividend payable in money shall be paid by cheque drawn on the Corporation's bankers or one of them to the order of each registered holder of shares of the class or series in respect of which it has been declared and mailed by prepaid ordinary mail to such registered holder at his recorded address, unless such holder otherwise directs. In the case of joint holders the cheque shall, unless such joint holders otherwise direct, be made payable to the order of all of such joint holders and mailed to them at their recorded address. The mailing of such cheque as aforesaid, unless the same is not paid on due presentation, shall satisfy and discharge the liability for the dividend to the extent of the sum represented thereby plus the amount of any tax which the Corporation is required to and does withhold.

9.03 Non-Receipt of Cheques

In the event of non-receipt of any dividend cheque by the person to whom it is sent as aforesaid, the Corporation shall issue to such person a replacement cheque for a like amount on such terms as to indemnity, reimbursement of expenses and evidence of non-receipt and of title as the directors may from time to time prescribe, whether generally or in any particular case.

9.04 Record Date for Dividends and Rights

The directors may fix in advance a date, preceding by not more than 50 days the date for the payment of any dividend or the date for the issue of any warrant or other evidence of right to subscribe for securities of the Corporation, as a record date for the determination of the persons entitled to receive payment for such dividend or to exercise the right to subscribe for such securities, and notice of any such record date shall be given not less than 7 days before such record date by newspaper advertisement in the manner provided in the Act unless notice of the record date is waived in writing by every holder of a share of a class or series affected whose name is set out in the securities register at the close of business on the day the directors fix the record date. If no record date is so fixed, the record date for the determination of the persons entitled to receive payment of any dividend or to exercise the right to subscribe for securities of the Corporation shall be at the close of business on the day on which the resolution relating to such dividend or right to subscribe is passed by the directors.

9.05 Unclaimed Dividends

Any dividend unclaimed after a period of 6 years from the date on which the same has been declared to be payable shall be forfeited and shall revert to the Corporation.

PART TEN

MEETINGS OF SHAREHOLDERS

10.01 Annual Meetings

The annual meeting of shareholders shall be held at such time in each year and, subject to section 10.03, at such place as the directors, the chairman of the board, the managing director or the president may from time to time determine, for the purpose of considering the financial statements and reports required by the Act to be placed before the annual meeting, electing directors, appointing auditors and for the transaction of such other business as may properly be brought before the meeting.

10.02 Special Meetings

The directors, the chairman of the board, the managing director or the president shall have power to call a special meeting of shareholders at any time.

10.03 Place of Meetings

Meetings of shareholders shall be held at the registered office of the Corporation or elsewhere in the municipality in which the registered office is situate or, if the directors shall so determine, at some other place in Canada or, if all the shareholders entitled to vote at the meeting so agree, at some place outside Canada.

10.04 Notice of Meetings

Notice of the time and place of each meeting of shareholders shall be given in the manner provided in Part Eleven not less than 21 nor more than 60 days before the date of the meeting to each director, to the auditors and to each shareholder who at the close of business on the record date is entered in the securities register as the holder of one or more shares carrying the right to vote at the meeting. Notice of a meeting of shareholders called for any purpose other than consideration of the financial statements and the auditors' report, election of directors and reappointment of incumbent auditors shall state the nature of such business in sufficient detail to permit the shareholder to form a reasoned judgment thereon and shall state the text of any special resolution to be submitted to the meeting.

10.05 List of Shareholders Entitled to Notice

For every meeting of shareholders, the Corporation shall prepare a list of shareholders entitled to receive notice of the meeting, arranged in alphabetical order and showing the number of shares held by each shareholder entitled to vote at the meeting. If a record date for the meeting is fixed pursuant to section 10.06, the shareholders listed shall be those registered at the close of business on such record date. If no record date is fixed, the shareholders listed shall be those registered at the close of business on the day immediately preceding the day on which notice of the meeting is given, or where no such notice is given, the day on which the meeting is held. The list shall be available for examination by any shareholder during usual business hours at the registered office of the Corporation or at the place where the central securities register is kept and at the meeting for which the list was prepared. Where a separate list of shareholders has not been prepared, the names of persons appearing in the securities register at the requisite time as the holder of one or more shares carrying the right to vote at such meeting shall be deemed to be a list of shareholders.

10.06 Record Date for Notice

The directors may fix in advance a record date, preceding the date of any meeting of shareholders by not more than 60 days and not less than 21 days, for the determination of the shareholders entitled to notice of the meeting, provided that notice of any such record date is given not less than 7 days before such record date, by newspaper advertisement in the manner provided in the Act unless notice of the record date is waived in writing by every holder of a share of a class or series affected whose name is set out in the securities register at the close of business on the day the directors fix the record date. If no record date is so fixed, the record date for the determination of the shareholders entitled to notice of the meeting shall be the close of business on the day immediately preceding the day on which the notice is given, or, if no notice is given, the day on which the meeting is held.

10.07 Meetings without Notice

A meeting of shareholders may be held without notice at any time and place permitted by the Act (a) if all the shareholders entitled to vote thereat are present in person or represented by proxy or if those not present or represented by proxy waive notice of or otherwise consent to such meeting being held, and (b) if the auditors and the directors are present or waive notice of or otherwise consent to such meeting being held, provided that such shareholders, auditors or directors present are not attending for the express purpose of objecting to the transaction of any business on the grounds that the meeting is not lawfully called. At such a meeting, any business may be transacted which the Corporation at a meeting of shareholders may transact. If the meeting is held at a place outside Canada, shareholders not present or represented by proxy, but who have waived notice of or otherwise consented to such meeting, shall also be deemed to have consented to the meeting being held at such place.

10.08 Chairman, Secretary and Scrutineers

The chairman of any meeting of shareholders shall be the first mentioned of such of the following officers as have been appointed and who is present at the meeting: president, managing director, chairman of the board, or a vice-president who is a shareholder. If no such officer is present within 15 minutes from the time fixed for holding the meeting, the persons present and entitled to vote shall choose one of their number to be chairman. If the secretary of the Corporation is absent, the chairman shall appoint some person, who need not be a shareholder, to act as secretary of the meeting. If desired, one or more scrutineers, who need not be shareholders, may be appointed by a resolution or by the chairman with the consent of the meeting.

10.09 Persons Entitled to be Present

The only persons entitled to be present at a meeting of shareholders shall be those entitled to vote thereat, the directors and auditors of the Corporation and others who, although not entitled to vote, are entitled or required under any provision of the Act or the articles or by-laws to be present at the meeting. Any other person may be admitted only on the invitation of the chairman of the meeting or with the consent of the meeting.

10.10 Quorum

Subject to the provisions of section 10.20, a quorum for the transaction of business at any meeting of shareholders shall be two persons present in person, each being a shareholder entitled to vote thereat or a duly appointed proxyholder for an absent shareholder so entitled, and together holding or representing by proxy not less than 51% of the outstanding shares of the Corporation entitled to vote at the meeting. If a quorum is present at the opening of any meeting of shareholders, the shareholders present or represented by proxy may proceed with the business of the meeting notwithstanding that a quorum is not present throughout the meeting. If a quorum is not present at the opening of any meeting of shareholders, the shareholders present or represented by proxy may adjourn the meeting to a fixed time and place but may not transact any other business.

10.11 Right to Vote

Subject to the provisions of the Act as to representatives of any other body corporate which is a shareholder of the Corporation and to section 10.12, every person named in the list referred to in section 10.05 shall be entitled to vote the shares shown thereon opposite his name at the meeting to which such list relates, except to the extent that (a) where the Corporation has fixed a record date in respect of such meeting, such person has transferred any of his shares after such record date, or, where the Corporation has not fixed a record date in respect of such meeting, such person has transferred any of his shares after the date on which such list is prepared, and (b) the transferee, having produced properly endorsed certificates evidencing such shares or having otherwise established that he owns such shares, has demanded not later than 10 days before the meeting that his name be included in such list. In any such excepted case, the transferee shall be entitled to vote the transferred shares at such meeting.

10.12 Proxyholders and Representatives

Every shareholder entitled to vote at a meeting of shareholders may appoint a proxyholder, or one or more alternate proxyholders, to attend and act as his representative at the meeting in the manner and to the extent authorized and with the authority conferred by the proxy. A proxy shall be in writing executed by the shareholder or his attorney and shall conform with the

requirements of the Act. Alternatively, every such shareholder which is a body corporate or association may authorize by resolution of its directors or governing body an individual to represent it at a meeting of shareholders and such individual may exercise on the shareholder's behalf all the powers it could exercise if it were an individual shareholder. The authority of such an individual shall be established by depositing with the Corporation a certified copy of such resolution, or in such other manner as may be satisfactory to the secretary of the Corporation or the chairman of the meeting. Any such proxyholder or representative need not be a shareholder.

10.13 Time for Deposit of Proxies

The directors may specify in a notice calling a meeting of shareholders a time, preceding the time of such meeting by not more than 48 hours exclusive of non-business days, before which time proxies to be used at such meeting must be deposited. A proxy shall be acted upon only if, prior to the time so specified, it shall have been deposited with the Corporation or an agent thereof specified in such notice or, if no such time is specified in such notice, it has been received by the secretary of the Corporation or by the chairman of the meeting or any adjournment thereof prior to the time of voting.

10.14 Joint Shareholders

If two or more persons hold shares jointly, any of them present in person or represented by proxy at a meeting of shareholders may, in the absence of the other or others, vote the shares; but if two or more of those persons are present in person or represented by proxy, they shall vote together as one on the shares jointly held by them.

10.15 Votes to Govern

At any meeting of shareholders every question shall, unless otherwise required by the articles or by-laws or by law, be determined by the majority of the votes cast on the question. In case of an equality of votes either upon a show of hand or upon a poll, the chairman of the meeting /shall not be entitled to a second or casting vote.

10.16 Show of Hands

Subject to the Act, any question at a meeting of shareholders shall be decided by a show of hands unless a ballot thereon is required or demanded as provided in section 10.17. Upon a show of hands every person who is present and entitled to vote shall have one vote. Whenever a vote by show of hands shall have been taken upon a question, unless a ballot thereon is so required or demanded, a declaration by the chairman of the meeting that the vote upon the question has been carried or carried by a particular majority or not carried and an entry to that effect in the minutes of the meeting shall be prima facie evidence of the fact without proof of the number or proportion of the votes

recorded in favour of or against any resolution or other proceeding in respect of the said question, and the result of the vote so taken shall be the decision of the shareholders upon the said question. For the purpose of this section, if at any meeting the Corporation has made available to shareholders the means to vote electronically, any vote made electronically shall be included in tallying any votes by show of hands.

10.17 Ballots

On any question proposed for consideration at a meeting of shareholders, and whether or not a show of hands has been taken thereon, the chairman may require a ballot or any person who is present and entitled to vote at the meeting may require or demand a ballot. A ballot so required or demanded shall be taken in such manner as the chairman shall direct. A requirement or demand for a ballot may be withdrawn at any time prior to the taking of the ballot. If a ballot is taken each person present shall be entitled, in respect of the shares which he is entitled to vote at the meeting upon the question, to that number of votes provided by the Act or the articles, and the result of the ballot so taken shall be the decision of the shareholders upon the said question.

10.18 Adjournment

The chairman at a meeting of shareholders may, with the consent of the meeting and subject to such conditions as the meeting may decide, adjourn the meeting from time to time and from place to place. If a meeting of shareholders is adjourned for less than 30 days, it shall not be necessary to give notice of the adjourned meeting, other than by announcement at the earliest meeting that is adjourned. Subject to the Act, if a meeting of shareholders is adjourned by one or more adjournments for an aggregate of 30 days or more, notice of the adjourned meeting shall be given as for an original meeting.

10.19 Resolution in Writing

A resolution in writing signed by all the shareholders entitled to vote on that resolution at a meeting of shareholders is as valid as if it had been passed at a meeting of the shareholders unless a written statement with respect to the subject matter of the resolution is submitted by a director or the auditors in accordance with the Act.

10.20 Only One Shareholder

Where the Corporation has only one shareholder or only one holder of any class or series of shares, the shareholder present in person or represented by proxy constitutes a meeting and the quorum requirements hereof shall have no application.

PART ELEVEN

NOTICES

11.01 Method of Giving Notices

Any notice (which term includes any communication or document) to be given (which term includes sent, delivered or served) pursuant to the Act, the regulations thereunder, the articles, the by-laws or otherwise to a shareholder, director, officer, auditor or member of a committee of the directors shall be sufficiently given if delivered personally to the person to whom it is to be given or if delivered to his recorded address or if mailed to him at his recorded address by prepaid ordinary or air mail or if sent to him at his recorded address by any means of prepaid transmitted or recorded communication. A notice so delivered shall be deemed to have been given when it is delivered personally or to the recorded address as aforesaid: a notice so mailed shall be deemed to have been given when deposited in a post office or public letter box: and a notice so sent by any means of transmitted or recorded communication shall be deemed to have been given when dispatched or delivered to the appropriate communication company or agency or its representative for dispatch. The secretary may change or cause to be changed the recorded address of any shareholder, director, officer, auditor or member of a committee of the directors in accordance with any information believed by him to be reliable.

11.02 Notice to Joint Shareholders

If two or more persons are registered as joint holders of any share, any notice may be addressed to all of such joint holders but notice to one of such persons shall be sufficient notice to all of them.

11.03 Computation of Time

In computing the date when notice must be given under any provision requiring a specified number of days notice of any meeting or other event, the date of giving the notice shall be excluded and the date of the meeting or other event shall be included.

11.04 Undelivered Notices

If any notice given to a shareholder pursuant to section 11.01 is returned on three consecutive occasions because he cannot be found, the Corporation shall not be required to give any further notices to such shareholder until he informs the Corporation in writing of his new address.

11.05 Omissions and Errors

The accidental omission to give any notice to any shareholder, director, officer, auditor or member of a committee of the board or the non-

receipt of any notice by any such person or any error in any notice not affecting the substance thereof shall not invalidate any action taken at any meeting held pursuant to such notice or otherwise founded thereon.

11.06 Persons Entitled by Death or Operation of Law

Every person who, by operation of law, transfer, death of shareholder or any other means whatsoever, shall become entitled to any share, shall be bound by every notice in respect of such share which shall have been duly given to the shareholder through whom he derives his title to such share prior to his name and address being entered on the securities register (whether such notice was given before or after the happening of the event upon which he became so entitled) and prior to his furnishing to the Corporation the proof of authority or evidence of his entitlement prescribed by the Act.

11.07 Waiver of Notice

Any shareholder, proxyholder, representative, director, officer, auditor, member of a committee of the board or other person entitled to attend a meeting of shareholders may at any time waive any notice, or waive or abridge the time for any notice, required to be given to him or to the shareholder whom the proxyholder or representative represents under any provision of the Act, the regulations thereunder, the articles, the by-laws or otherwise and such waiver or abridgement, whether given before or after the meeting or other event for which notice is required to be given shall cure any default in the giving or in the time of such notice, as the case may be. Any such waiver or abridgement shall be in writing except a waiver of notice of a meeting of shareholders or of the board which may be given in any manner.

PART TWELVE

EFFECTIVE DATE

12.01 Effective Date

This by-law shall come into force when made by the directors in accordance with the Act.

MADE by the board the 5th day of April, 2007.

WITNESS the seal of the Corporation.

Paul K. Conibear President & Chief Executive Officer	Sandy Kansky Corporate Secretary

BE IT RESOLVED THAT the foregoing By-Law No. 1 being a by-law relating generally to the transaction of the business and affairs of the Corporation be and the same is hereby made as a by-law of the Corporation and the President and the Secretary be and they are hereby authorized to sign the by-law and to apply the corporate seal thereto.

The undersigned, being the sole director of the Corporation by his signature hereby passes, pursuant to the provisions of the Canada Business Corporations Act, the foregoing resolution.

DATED as of the 5th day of April, 2007.

_____
John H. Craig

BE IT RESOLVED THAT the foregoing By-Law No. 1 being a by-law relating generally to the transaction of the business and affairs of the Corporation be and the same is hereby confirmed without amendment as a by-law of the Corporation.

The undersigned, being the sole shareholder of the Corporation by its signature hereby passes, pursuant to the provisions of the Canada Business Corporations Act, the foregoing resolution.

DATED as of the 5th day of April, 2007.

TENKE MINING CORP.

Per: _____
Authorized Signing Officer

Security holders documents (Certificate of Incorporation), filed July 3, 2007

Industry Canada Industrie Canada

Certificate of Incorporation

Canada Business Corporations Act

Certificat de constitution

Loi canadienne sur les sociétés par actions

6749461 CANADA INC.

Name of corporation-Dénomination de la société

674946-1

Corporation number-Numéro de la société

I hereby certify that the above-named corporation, the articles of incorporation of which are attached, was incorporated under the *Canada Business Corporations Act.*

Je certifie que la société susmentionnée, dont les statuts constitutifs sont joints, a été constituée en société en vertu de la *Loi canadienne sur les sociétés par actions.*

Richard G. Shaw
Director - Directeur

April 5, 2007 / le 5 avril 2007

Date of Incorporation - Date de constitution

Canada

Industry Canada | Industrie Canada

Canada Business Corporations Act | Loi canadienne sur les sociétés par actions

ELECTRONIC TRANSACTION REPORT | **RAPPORT DE LA TRANSACTION ÉLECTRONIQUE**

ARTICLES OF INCORPORATION (SECTION 6)

STATUTS CONSTITUTIFS (ARTICLE 6)

Processing Type - Mode de Traitement: E-Commerce/Commerce-É

1. **Name of Corporation - Dénomination de la société**

6749461 CANADA INC.

2. **The province or territory in Canada where the registered office is to be situated - La province ou le territoire au Canada où se situera le siège social**

ON

3. **The classes and any maximum number of shares that the corporation is authorized to issue - Catégories et le nombre maximal d'actions que la société est autorisée à émettre**

The annexed schedule is incorporated in this form.
L'annexe ci-jointe fait partie intégrante de la présente formule.

4. **Restrictions, if any, on share transfers - Restrictions sur le transfert des actions, s'il y a lieu**

The annexed schedule is incorporated in this form.
L'annexe ci-jointe fait partie intégrante de la présente formule.

5. **Number (or minimum and maximum number) of directors - Nombre (ou nombre minimal et maximal) d'administrateurs**

Minimum: 1 Maximum: 10

6. **Restrictions, if any, on business the corporation may carry on - Limites imposées à l'activité commerciale de la société, s'il y a lieu**

The annexed schedule is incorporated in this form.
L'annexe ci-jointe fait partie intégrante de la présente formule.

7. **Other provisions, if any - Autres dispositions, s'il y a lieu**

The annexed schedule is incorporated in this form.
L'annexe ci-jointe fait partie intégrante de la présente formule.

8. **Incorporators - Fondateurs**

Name(s) - Nom(s)	Address (including postal code) - Adresse (inclure le code postal)	Signature
JOHN H. CRAIG	8 SAUNDERS STREET, TORONTO, ONTARIO, CANADA, M5M 3S4	JOHN CRAIG

Canada

Item 3 - Shares / Rubrique 3 - Actions

The Corporation is authorized to issue an unlimited number of common shares.

Item 4 - Restrictions on Share Transfers / Rubrique 4 - Restrictions sur le transfert des actions

The transfer of shares of the Corporation shall be restricted in that no shareholder shall be entitled to transfer any share or shares without either:

(a) the approval of the directors of the Corporation expressed by a resolution passed at a meeting of the board of directors or by a resolution in writing signed by all of the directors entitled to vote on that resolution at a meeting of directors; or

(b) the approval of the holders of shares of the Corporation carrying at least a majority of the votes entitled to be cast at a meeting of shareholders (other than a separate class vote of the holders of another class of shares of the Corporation) expressed by a resolution passed at a meeting of the holders of such shares or by an instrument or instruments in writing signed by the holders of a majority of such shares.

Item 6 - Restrictions - Business / Rubrique 6 - Restrictions - activité commerciale

None

Item 7 - Other Provisions / Rubrique 7 - Autres dispositions

Without in any way restricting the powers conferred upon the Corporation or its board of directors by the Canada Business Corporations Act, as now enacted or as the same may from time to time be amended, re-enacted or replaced, the board of directors may from time to time, without authorization of the shareholders, in such amounts and on such terms as it deems expedient:

(a) borrow money upon the credit of the Corporation;

(b) issue, re-issue, sell or pledge debt obligations of the Corporation;

(c) subject to the provisions of the Canada Business Corporations Act, as now enacted or as the same may from time to time be amended, re-enacted or replaced, give a guarantee on behalf of the Corporation to secure performance of an obligation of any person; and

(d) mortgage, hypothecate, pledge or otherwise create a security interest in all or any property of the Corporation owned or subsequently acquired, to secure any obligation of the Corporation.

The board of directors may from time to time delegate to a director, a committee of directors or an officer of the Corporation any or all of the powers conferred on the board as set out above, to such extent and in such manner as the board shall determine at the time of such delegation.

Except in the case of any class or series of shares of the Corporation listed on a stock exchange, the Corporation shall have a lien on the shares registered in the name of a shareholder or his legal representative for a debt of that shareholder to the Corporation.

No securities of the Corporation, other than non-convertible debt securities, shall be transferred without either:

(a) the approval of the directors of the Corporation expressed by a resolution passed at a meeting of the board of directors or by a resolution in writing signed by all of the directors entitled to vote on that resolution at a meeting of directors;

(b) the approval of the holders of shares of the Corporation carrying at least a majority of the votes entitled to be cast at a meeting of shareholders (other than a separate class vote of the holders of another class of shares of the Corporation) expressed by a resolution passed at a meeting of the holders of such shares or by an instrument or instruments in writing signed by the holders of a majority of such shares; or

(c) if applicable, the restriction contained in security holders' agreements.

Management information circular, filed July 3, 2007

RECEIVED
2007 AUG 28 A 9:23
OFFICE OF INTERNATIONAL
CORPORATE FINANCE

NOTICE OF MEETING

and

MANAGEMENT INFORMATION CIRCULAR

FOR THE SPECIAL MEETING OF SHAREHOLDERS

of

TENKE MINING CORP.

Dated as of May 18, 2007

TENKE
MINING CORP.

To Our Shareholders **18 May 2007**

On April 11, 2007 Tenke Mining announced that it intends to enter into a business combination with Lundin Mining Corporation. The combination of the two companies will contribute significantly to the growth of a leading mid-tier base metals company with a global portfolio of world-class production, development and exploration assets.

Under the proposed transaction, Tenke shareholders will receive 1.73 shares of Lundin Mining for each of their Tenke shares and CDN$0.001 in cash plus they will receive one share of a new company called Suramina Resources Inc. Suramina's initial assets will be Tenke's South American portfolio which will be transferred over to Suramina as part of the transaction together with US$5 million in cash.

The Company's Tenke Fungurume project in the DRC is under construction and is anticipated to become one of the industry's lowest-cost copper producers with huge upside potential. Combining Tenke's DRC assets into Lundin Mining will leverage the financial and operating depth of Lundin Mining into the Tenke Fungurume partnership to further strengthen the project. Lundin Mining acquiring an important stake in Tenke Fungurume - one of world's largest undeveloped copper assets - further advances Lundin Mining as a leading mid-tier player with excellent long life assets. Tenke shareholders will benefit from becoming shareholders of one of the fastest growing base metals companies in the industry, diversifying shareholder risk. The spinout of our South American exploration assets into Suramina is intended to unlock the value of those properties to give them the market exposure they deserve.

In the course of its evaluation the Tenke Board considered a number of factors, including the attractive premium that Lundin Mining has offered on the share price of Tenke, the upside opportunity available through a Lundin Mining shareholding which is founded on the value of four operating mines in low risk countries, all with strong revenue streams, and the further potential as Lundin Mining advances its other base metals exploration and project development assets. Tenke shareholders will benefit from the technical, financial and administrative depth of Lundin Mining, which will assist in the rapid development of the Tenke Fungurume project as it advances in phases to be a world class copper producer.

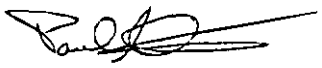
The transaction between Lundin Mining and Tenke Mining is conditional upon the approval of Tenke shareholders representing 66.7% of the votes cast at the Tenke shareholders' meeting and upon the approval by Lundin Mining shareholders representing 50.1% of the votes cast at the Lundin Mining shareholders' meeting. Both shareholders' meetings will be held on June 18, 2007 in Vancouver and the transaction is expected to close with an effective date of July 03, 2007. Upon completion of the transaction, existing Tenke and Lundin Mining shareholders will hold approximately 27 % and 73 % of Lundin Mining respectively, and Tenke will be a wholly-owned subsidiary of Lundin Mining. Further details of the transaction can be found in the accompanying Tenke management information circular and the joint disclosure booklet of Tenke and Lundin Mining.

Shareholders are cordially invited to attend the shareholders' meeting on June 18, 2007 which will be held at the Four Seasons Hotel in Vancouver at 10:00 a.m. PST. Shareholders are encouraged to complete and return the enclosed proxy or voting instruction form as soon as possible in order to cast their vote on the proposed transaction. The proxy or voting instruction form has instructions on how to complete it and where to return it to and also deadlines for submission. If you have any questions on how to complete and return the proxy or voting information form, please contact the Company's proxy solicitation agent Georgeson Shareholder Communications Canada Inc. at: 1-866-690-7479 or the Company at (604) 689-7842.

The Tenke Board has determined that the business combination with Lundin Mining is fair and is in the best interests of Tenke. Accordingly, the Tenke Board recommends that Tenke shareholders vote in favor of the transaction. The largest shareholder group of Tenke Mining, the Lundin Family interests, have pledged their full support.

I personally look forward to becoming a part of the dynamic Lundin Mining organization to continue my responsibilities on Tenke Fungurume and to assist in their other African development initiatives and am further pleased that our South American assets can now receive the focus they deserve as we launch a renewed initiative to create value through Suramina.

Yours very truly,
TENKE MINING CORP.



Paul Conibear, President and CEO

TENKE MINING CORP.
Suite 2101, 885 W. Georgia Street
Vancouver, British Columbia V6C 3E8

NOTICE OF SPECIAL MEETING

NOTICE IS HEREBY GIVEN THAT, pursuant to an order of the Ontario Superior Court of Justice (the "**Court**") dated May 18, 2007 (the "**Interim Order**"), a special meeting of the shareholders (the "**Meeting**") of Tenke Mining Corp. ("**Tenke**") will be held at the Oak Room, Four Seasons Hotel, 791 West Georgia Street, Vancouver, British Columbia, on June 18, 2007, at the hour of 10:00 a.m., Vancouver time, for the following purposes:

1. To consider and, if thought fit, to pass a special resolution (the "**Arrangement Resolution**") approving an arrangement (the "**Arrangement**") under section 192 of the *Canada Business Corporations Act* (the "**CBCA**") among Tenke, Lundin Mining Corporation ("**Lundin Mining**") and Suramina Resources Inc. ("**Suramina**") which involves the conveyance by Tenke to Suramina of its South American Assets as defined in the accompanying management information circular of Tenke (the "**Information Circular**") and cash in the amount of US$5 million, the distribution of Suramina shares to holders of Tenke shares on a one for one basis, the exchange of Tenke shares for Lundin shares on the basis of 1.73 Lundin shares and CDN$0.001 for each Tenke share, the exchange of Tenke stock options for Lundin stock options on the basis of the share component of the exchange ratio and the amendment of Tenke stock options to provide that they expire on the earlier of the original expiry date and 180 days after the optionee ceases to be eligible to hold options under the Tenke stock option plan, all as more fully set forth in the Information Circular; and

2. To transact such further or other business as may be properly come before the Meeting and any adjournments thereof.

Copies of the Arrangement Resolution, the Plan of Arrangement made pursuant to the Business Combination Agreement, the Interim Order and the Notice of Application for Final Order are attached to the Information Circular as Schedules "A", "B" and "C".

AND TAKE NOTICE that registered Tenke shareholders who validly dissent in respect of the proposed Arrangement will be entitled to be paid the fair value of their Tenke shares in accordance with the provisions of the Plan of Arrangement and section 190 of the CBCA. The dissent rights are described in the Information Circular. Failure to strictly comply with the requirements set forth in the Plan of Arrangement and section 190 of the CBCA may result in the loss of any dissent right.

The accompanying Information Circular provides additional information relating to the matters to be dealt with at the Meeting and is deemed to form part of this Notice. Also accompanying this Notice is a form of Proxy and a Joint Disclosure Booklet of Tenke and Lundin Mining. Any adjournment of the Meeting will be held at a time and place to be specified at the Meeting. Only Tenke shareholders of record at the close of business on May 8, 2007 will be entitled to receive notice of and vote at the Meeting.

Registered Tenke shareholders, whether or not you plan to attend the Meeting are requested to date, sign and return their form of Proxy in the enclosed prepaid envelope. If you are a non-registered shareholder of Tenke and receive these materials through your broker or through another intermediary, please complete and return the materials in accordance with the instructions provided to you by your broker or by the other intermediary. Failure to do so may result in your Tenke shares not being eligible to be voted by proxy at the Meeting. If you have any questions or require assistance in voting your proxy, please contact Georgeson, Tenke's proxy solicitation agent, at 1-866-690-7479.

DATED this 18th day of May, 2007.

BY ORDER OF THE BOARD

"Paul K. Conibear"

Paul K. Conibear, President and Chief Executive Officer

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NOTE TO UNITED STATES SHAREHOLDERS

THE SECURITIES ISSUABLE IN CONNECTION WITH THE ARRANGEMENT HAVE NOT BEEN APPROVED OR DISAPPROVED BY THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION OR SECURITIES REGULATORY AUTHORITIES IN ANY STATE, NOR HAS THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES REGULATORY AUTHORITIES OF ANY STATE PASSED ON THE ADEQUACY OR ACCURACY OF THIS INFORMATION CIRCULAR. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

The Suramina Shares and the Lundin Shares to be issued under the Arrangement have not been registered under the U.S. Securities Act and are being issued in reliance on the exemption from registration set forth in Section 3(a)(10) thereof on the basis of the approval of the Court as described under "**Securities Laws Considerations**". The solicitation of proxies is not subject to the requirements of Section 14(a) of the U.S. Exchange Act by virtue of an exemption applicable to proxy solicitation by foreign private issuers as defined in Rule 3b-4 of the U.S. Exchange Act. Accordingly, this Information Circular has been prepared in accordance with the applicable disclosure requirements in Canada. Residents of the United States should be aware that such requirements are different than those of the United States applicable to proxy statements under the U.S. Exchange Act.

Information concerning the properties and operations of Tenke, Lundin Mining and Suramina as contained in the Joint Disclosure Booklet has been prepared in accordance with Canadian disclosure standards, which is, in some cases, materially different than similar information disclosed by U.S. companies. In particular, the terms "Mineral Resource", "Measured Mineral Resource", "Indicated Mineral Resource" and "Inferred Mineral Resource" used in the Joint Disclosure Booklet are Canadian mining terms as defined in accordance with National Instrument 43-101, Standards of Disclosure for Mineral Projects of the Canadian Securities Administrators ("**NI 43-101**") under the guidelines set out in the Canadian Institute of Mining, Metallurgy and Petroleum (the "**CIM**") Standards of Mineral Resources and Mineral Reserves Definitions and guidelines adopted by the CIM Council on August 20, 2000.

While the terms "Mineral Resource", "Measured Mineral Resource", "Indicated Mineral Resource" and "Inferred Mineral Resource" are recognized and required by Canadian regulations, they are not recognized by the SEC and U.S. companies are generally prohibited from using such terms, or disclosing information about Mineral Resources, in documents filed with the United States Securities Exchange Commission (the "**SEC**"). As such, certain of the information contained in this Information Circular concerning descriptions of mineralization and resources under Canadian standards is not comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements of the SEC. "Mineral Resources" have a great amount of uncertainty as to their existence and a great uncertainty as to their economic and legal feasibility. Investors are cautioned not to assume that any part or all of mineral deposits in these categories will ever be converted into reserves.

The definition for "Proven Mineral Reserves" under CIM standards differs from the SEC standards, where proven or measured reserves are defined as reserves in which: (a) quantity is computed from dimensions revealed in outcrops, trenches, workings or drill holes; (b) grade and/or quality are computed from the results of detailed sampling; and (c) the sites for inspection, sampling and measurement are spaced so closely and the geographic character is so well defined that size, shape, depth and mineral content of reserves are well established.

The definition for "Probable Mineral Reserves" under CIM standards differs from the SEC standards where probable reserves are defined as reserves for which quantity and grade and/or quality are computed.

Financial statements included in the Joint Disclosure Booklet have been prepared in accordance with generally accepted accounting principles and subject to auditing and auditor independence standards in Canada, and thus may not be comparable to financial statements of United States companies. Tenke Shareholders should be aware that the acquisition of the securities described herein may have tax consequences both in the United States and in Canada. Such consequences for investors who are resident in, or citizens of, the United States may not be described fully herein. See "United States Federal Income Tax Considerations".

The enforcement by Tenke Shareholders of civil liabilities under United States federal securities laws may be affected adversely by the fact that Tenke, Lundin Mining and Suramina are incorporated or organized under the laws of a foreign country, that some or all of their officers and directors and the experts named herein or in the Joint Disclosure Booklet may be residents of a foreign country, and that all or a substantial portion of the assets of Tenke, Lundin Mining and Suramina and said persons may be located outside the United States.

FORWARD-LOOKING STATEMENTS

Statements contained in this Information Circular and/or the Joint Disclosure Booklet that are not historical facts are forward-looking statements (within the meaning of applicable securities legislation) that involve risks and uncertainties. Forward-looking statements include, but are not limited to, statements with respect to the future price of metals; the estimation of mineral reserves and resources, the realization of mineral reserve estimates; the timing and amount of estimated future production, costs of production and capital expenditures; costs and timing of the development of new deposits; success of exploration activities, permitting time lines, currency fluctuations, requirements for additional capital, government regulation of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims, limitations on insurance coverage and the timing and possible outcome of pending litigation. In certain cases, forward-looking statements can be identified by the use of words such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performances or achievements of Tenke, Lundin Mining and Suramina, post-Arrangement, to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such risks and other factors include, among others, risks related to the integration of acquisitions; risks related to operations; risks related to joint venture operations; actual results of current exploration activities; actual results of current reclamation activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of metals; possible variations in ore reserves, grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the mining industry; delays in obtaining governmental approvals or financing or in the completion of development or construction activities, as well as those factors discussed in sections entitled "Risk Factors" in this Information Circular and/or the Joint Disclosure Booklet.

Although Tenke has attempted to identify important factors that could affect Tenke, Lundin Mining and Suramina and may cause actual actions, event or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. The forward-looking statements in this Information Circular and/or the Joint Disclosure Booklet speak only as of the date hereof. Tenke does not undertake any obligations to release publicly

any revisions to these forward-looking statements to reflect events or circumstances after the date hereof to reflect the occurrence of unanticipated events.

Forward-looking statements and other information contained herein and/or in the Joint Disclosure Booklet concerning the mining industry and our general expectations concerning the mining industry are based on estimates prepared by us using data from publicly available industry sources as well as from market research and industry analysis and on assumptions based on data and knowledge of this industry which we believe to be reasonable. However, this data is inherently imprecise, although generally indicative of relative market positions, market shares and performance characteristics. While we are not aware of any misstatements regarding any industry data presented herein and/or in the Joint Disclosure Booklet, the industries involve risks and uncertainties and are subject to change based on various factors.

CERTAIN HISTORICAL INFORMATION CONTAINED IN THIS INFORMATION CIRCULAR AND/OR IN THE JOINT DISCLOSURE BOOKLET HAS BEEN PROVIDED BY, OR DERIVED FROM INFORMATION PROVIDED BY, CERTAIN PERSONS OTHER THAN TENKE. IN PARTICULAR, CERTAIN INFORMATION PERTAINING TO LUNDIN MINING HAS BEEN PROVIDED BY LUNDIN MINING. ALTHOUGH TENKE DOES NOT HAVE ANY KNOWLEDGE THAT WOULD INDICATE THAT ANY SUCH INFORMATION IS UNTRUE OR INCOMPLETE, TENKE ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS OF SUCH INFORMATION OR THE FAILURE BY SUCH OTHER PERSONS TO DISCLOSE EVENTS WHICH MAY HAVE OCCURRED OR MAY AFFECT THE COMPLETENESS OR ACCURACY OF SUCH INFORMATION BUT WHICH IS UNKNOWN TO TENKE.

DOCUMENTS INCORPORATED BY REFERENCE

The following documents, filed by Tenke with securities commissions or similar regulatory authorities in Canada (the "**Canadian Securities Authorities**"), are specifically incorporated by reference into, and form an integral part of, this Information Circular and/or the Joint Disclosure Booklet:

1. Audited annual consolidated financial statements for the financial year ended December 31, 2006 and the MD&A filed in connection with those financial statements.

2. Unaudited interim consolidated financial statements for the three month period ended March 31, 2007 and the MD&A filed in connection with those financial statements.

3. Audited annual consolidated financial statements for the financial year ended December 31, 2005 and the MD&A filed in connection with those financial statements.

4. Audited annual consolidated financial statements for the financial year ended December 31, 2004 and the MD&A filed in connection with those financial statements.

5. Information Circular dated March 20, 2007.

6. Annual Information Form dated March 20, 2007.

7. Material Change Report dated April 12, 2007 respecting this Arrangement.

The following documents, filed by Lundin Mining with the Canadian Securities Authorities, are specifically incorporated by reference into, and form an integral part of, this Information Circular and/or the Joint Disclosure Booklet:

1. Audited annual consolidated financial statements for the financial years ended December 31, 2006 and 2005 and the MD&A filed in connection with those financial statements.

2. Unaudited interim consolidated financial statements for the three month period ended March 31, 2007 and the MD&A filed in connection with those financial statements.

3. Audited annual consolidated financial statements for the financial year ended December 31, 2004 and the MD&A filed in connection with those financial statements.

4. Information Circular dated March 9, 2007.

5. Annual Information Form dated March 31, 2007.

6. Material Change Report dated April 25, 2007 respecting the Arrangement.

Copies of the Tenke documents incorporated by reference may be obtained on request without charge from the Corporate Secretary of Tenke at Suite 2101, 885 W. Georgia Street, Vancouver, British Columbia V6C 3E8 (Telephone (604) 689-7842). Copies of the Lundin Mining documents incorporated by reference may be obtained upon request without charge from the Corporate Secretary of Lundin Mining at Suite 1100, 888 Dunsmuir Street, Vancouver, British Columbia V6C 3K4 (Telephone (604) 687-7077).

These documents are also available through the internet on the System for Electronic Document Analysis and Retrieval, which can be accessed online at www.sedar.com. For the purposes of the Province of Québec, this Information Circular contains information to be completed by consulting the permanent information records for each of Tenke and Lundin Mining. A copy of the Tenke permanent information record may be obtained from the Corporate Secretary of Tenke and a copy of the Lundin Mining permanent information record may be obtained from the Corporate Secretary of Lundin Mining at the above mentioned addresses and telephone numbers.

Material change reports (other than confidential reports) and all other documents of the type referred to above, filed by Tenke and Lundin Mining with the Canadian Securities Authorities subsequent to the date of this Information Circular and prior to the Meeting, will be deemed to be incorporated by reference into this Information Circular.

Any statement contained in a document incorporated or deemed to be incorporated by reference herein and/or in the Joint Disclosure Booklet shall be deemed to be modified or superseded for the purposes of this Information Circular and/or the Joint Disclosure Booklet to the extent that a statement contained in this Information Circular and/or the Joint Disclosure Booklet or in any subsequently filed document that also is or is deemed to be incorporated by reference herein or therein modifies or supersedes such statement. Any statement so modified or superseded shall not constitute a part of this Information Circular and/or the Joint Disclosure Booklet, except as modified or superseded. The modifying or superseding statement need not state that it has modified or superseded a prior statement or include any other information set forth in the document that it modifies or supersedes. The making of such a modifying or superseding statement shall not be deemed an admission for any purpose that the modified or superseded statement, when made, constituted a misrepresentation, an untrue statement of a material fact or an omission to state a material fact that is required to be stated or that is necessary to make a statement not misleading in light of the circumstances in which it was made.

EXCHANGE RATE DATA

This Information Circular and the Joint Disclosure Booklet contain references to United States (US$) and Canadian dollars (CDN$).

The following table sets forth the rate of exchange for the Canadian dollar expressed in United States dollars in effect at the ends of the periods indicated, the average of exchange rates in effect during such periods, and the high and low exchange rates during such periods based on the noon rate of exchange as reported on by the Bank of Canada for conversion of Canadian dollars into United States dollars:

		Year ended December 31,		
	3 months ended March 31, 2007	2006	2005	2004
Rate at end of period	US$0.8674	US$0.8581	US$0.8577	US$0.8309
Average rate during period	US$0.8535	US$0.8818	US$0.8253	US$0.7683
High for period	US$0.8674	US$0.9099	US$0.8690	US$0.8493
Low for period	US$0.8437	US$0.8528	US$0.7872	US$0.7159

On May 17, 2007, the noon buying rate as reported by the Bank of Canada for the conversion of Canadian dollars into United States dollars was Canadian $1.00 equals US$1.0977.

REPORTING CURRENCIES AND ACCOUNTING PRINCIPLES

The historical financial statements of Tenke contained in the Joint Disclosure Booklet are reported in United States dollars and have been prepared in accordance with Canadian GAAP. The historical financial statements of Lundin Mining contained in the Joint Disclosure Booklet are reported in United States dollars and have been prepared in accordance with Canadian GAAP. All references to dollar amounts in this Information Circular and the Joint Disclosure Booklet are to Canadian dollars unless expressly stated otherwise.

INFORMATION PERTAINING TO TENKE AND LUNDIN MINING

The information contained or referred to in this Information Circular and the Joint Disclosure Booklet with respect to Tenke and Suramina has been furnished by Tenke. The information contained or referred to in this Information Circular and the Joint Disclosure Booklet with respect to Lundin Mining has been furnished by Lundin Mining. As such, Tenke and its directors, officer, employees, representatives and agents assume no responsibility for the accuracy or completeness of such information with respect to Lundin Mining.

GLOSSARY OF DEFINED TERMS

In this Information Circular, the following capitalized words and terms shall have the following meanings:

AMEX	The American Stock Exchange.
Arrangement	The Arrangement involving Tenke, the Tenke Shareholders, Lundin Mining and Suramina to be completed pursuant to the provisions of section 192 of the CBCA on the terms and conditions set out in the Plan of Arrangement and any amendments thereto or variations thereof made in accordance with its terms and the Arrangement Resolution.
Arrangement Resolution	The special resolution approving the Arrangement to be voted on, with or without variation, by Tenke Shareholders at the Meeting substantially in the form attached as Schedule "A" to this Information Circular.
Break Fee	The amount of CDN$30 million which Tenke has agreed to pay to Lundin Mining in the event of termination of the Business Combination Agreement in certain circumstances.
Business Combination Agreement	The Business Combination Agreement dated April 10, 2007 among Tenke, Suramina and Lundin Mining which is filed on SEDAR at www.sedar.com.
CBCA	*Canada Business Corporations Act*, as amended.
Certificate of Arrangement	The Certificate of Arrangement giving effect to the Arrangement to be issued by the Director pursuant to subsection 192(7) of the CBCA after the Articles of Arrangement have been filed with the Director.
Code	United States Internal Revenue Code of 1986, as amended.
Competing Proposal	A proposal or offer by any person, other than Lundin Mining, relating to: (a) the possible acquisition of, or business combination with, Tenke or any Tenke Group Member (whether by way of amalgamation, arrangement, consolidation, take over bid, purchase of shares, purchase of assets or otherwise); (b) the possible acquisition of more than 10% of its or their shares of capital stock or a material portion of its assets, on a consolidated basis; (c) any take-over bid or exchange offer or other secondary purchase; or (d) any other transaction, the consummation of which would reasonably be expected to prevent or intensify impede, interfere with or delay the consummation of the Arrangement.
Computershare	Computershare Investor Services Inc., the registrar and transfer agent for each of Tenke and Lundin Mining.
Confidentiality Agreement	The confidentiality agreement entered into by Tenke and Lundin Mining dated January 31, 2007.
Court	The Ontario Superior Court of Justice.

Depositary	Computershare, which will act as the depositary for the exchange of the Tenke Shares, the Suramina Shares, the Lundin Shares and CDN$0.001 per Tenke Share in cash, pursuant to the Arrangement.
Director	The director appointed under section 260 of the CBCA.
Dissenting Shareholders	Registered Tenke Holders who duly exercise Dissent Rights.
Dissent Rights	The rights of a Registered Tenke Holder to dissent to the Arrangement Resolution and receive fair value for all Tenke Shares held by such Tenke Shareholder, as more particularly described under the heading "Rights of Dissenting Shareholders" and as more particularly described in section 190 of the CBCA.
Dissent Procedures	The procedures to be taken by a Tenke Shareholder in exercising Dissent Rights.
Dundee Securities	Dundee Securities Corporation, the financial advisor to the Tenke Independent Committee in respect of the Arrangement.
Effective Date	The date shown on the Certificate of Arrangement.
Effective Time	12:01 a.m. (Toronto time) on the Effective Date.
Eligible Holder	A beneficial owner of Tenke Shares, whether or not registered, immediately before the Effective Time who is resident or is deemed to be resident in Canada for the purposes of the ITA (other than a person who is exempt from tax under Part I of the ITA) or an Eligible Non-Resident.
Eligible Non-Resident	A beneficial owner of Tenke Shares, whether or not registered, immediately before the Effective Time who is not, and is not deemed to be, resident in Canada for the purposes of the ITA and whose Tenke Shares are "taxable Canadian property" and not "treaty-protected property", as each term is defined in the ITA.
Exchange Ratio	1.73 Lundin Shares plus CDN$0.001 for each Tenke Class A Share (and in the case of Lundin New Options means 1.73 Lundin Shares).
Fairness Opinion	The fairness opinion dated May 17, 2007 prepared by Dundee Securities described under "Fairness Opinion" in this Information Circular and in the form attached as Schedule "D" hereto.
GAAP	Generally accepted accounting principles in effect in Canada including the accounting recommendations published in the Handbook of the Canadian Institute of Chartered Accountants.
Georgeson	Georgeson Shareholder Communications Canada Inc.

GMP	GMP Securities L.P., the financial advisor to the Lundin Independent Committee in respect of the Arrangement.
GMP Fairness Opinion	The fairness opinion dated April 10, 2007 prepared by GMP.
Information Circular	This Information Circular to be sent to Tenke Shareholders in connection with the Meeting.
Interim Order	The interim order of the Court dated May 18, 2007 made pursuant to subsection 192(5) of the CBCA, providing for, among other things, the calling of the Meeting.
IRS	Internal Revenue Service of the United States of America.
ITA	The *Income Tax Act* (Canada), as amended.
Lundin Board	The board of directors of Lundin Mining.
Lundin Group	Lundin Mining and any corporation, partnership or company in which Lundin Mining beneficially owns or controls, directly or indirectly, more than 50% of the equity voting rights, profit interest, capital or other similar interest therein or any joint venture in which Lundin Mining has a direct or indirect interest.
Lundin Independent Committee	The independent committee of independent directors established by Lundin Mining to consider the Arrangement.
Lundin Lock Up Agreement	The agreement entered into by each of the officers and directors of Lundin Mining and each person, company or trust that has, to the actual knowledge of Lundin Mining based on public filings made pursuant to National Instrument 62-103 of the Canadian Securities Administrators: (i) direct or indirect beneficial ownership of; (ii) control or direction over; or (iii) a combination of direct or indirect beneficial ownership of and of control or direction over, securities of Lundin Mining carrying more than 10% of the voting rights attached to all of Lundin Mining's outstanding voting securities, to vote their Lundin Shares in favour of the Lundin Resolution and all related matters at the Lundin Meeting as described under "The Arrangement Lock-Up Agreements" in this Information Circular.
Lundin Meeting	The annual and special meeting of the holders of Lundin Shares to be held at 2:00 p.m. (Vancouver time) on June 18, 2007, for the purposes of voting on the annual business and the Lundin Resolution and all other matters to be presented by management at the Lundin Meeting and any adjournment or postponement thereof.
Lundin Mining	Lundin Mining Corporation, a corporation existing under the CBCA.
Lundin New Option	The options of Lundin Mining to be issued in exchange for the Tenke Stock Options pursuant to the Plan of Arrangement based on the share component of the Exchange Ratio.

Lundin Resolution	The resolution of the Lundin Shareholders to approve the issuance of Lundin Shares and options pursuant to the Arrangement.
Lundin Shareholders	At the relevant time, the holders of Lundin Shares.
Lundin Shares	Voting common shares in the capital of Lundin Mining.
Lundin Stock Option	The stock options of Lundin Mining issued under its stock option plan.
Material Adverse Change and Material Adverse Effect	With respect to Tenke, the Tenke Group, Lundin Mining or the Lundin Group, any change, event, effect, occurrence or state of facts that has, or could reasonably be expected to constitute a material adverse change in respect of or to have a material adverse effect on, the business, properties, assets, liabilities (including contingent liabilities), prospects, results of operations or financial condition of the Tenke Group or the Lundin Group (as applicable) taken as a whole. The foregoing shall not include any change or effect attributable to: (i) changes relating to general economic, political or financial conditions; (ii) relating to the state of securities or commodities markets in general; (iii) generally, changes in the industries in which the applicable group engages; or (iv) the announcement of the Arrangement.
Meeting	The special meeting of Tenke Shareholders to be held at 10:00 a.m. (Vancouver time) on June 18, 2007 for the purposes of voting on the Arrangement Resolution and all other matters to be presented by management at the Meeting and any adjournment or postponement thereof.
Plan of Arrangement	The plan of arrangement of Tenke attached as Schedule "B" hereto and any amendment thereto made in accordance with the Plan of Arrangement.
Record Date	May 8, 2007, being the date for determining Tenke Shareholders entitled to receive notice of and vote at the Meeting.
Registered Tenke Holder	A shareholder of record of Tenke Shares.
Regulation S	Regulation S promulgated under the U.S. Securities Act.
Securities Acts	The securities acts or the equivalent securities legislation of each of the provinces and territories of Canada, as amended.
Securities Laws or Securities Legislation	The Securities Acts, the U.S. Exchange Act, the U.S. Securities Act and the "blue sky" or securities laws of the states of the United States, each as now enacted or as amended and the applicable rules, regulations, rulings, orders, instruments and forms made or promulgated under such laws, as well as the rules, regulations, by-laws and policies of the Stock Exchanges.
SEDAR	The System for Electronic Document Analysis and Retrieval of the Canadian Securities Administrators.
South American Assets	All of the issued and outstanding shares in the capital of Frontera Holdings (Bermuda) I Ltd. and its direct and indirect wholly-owned subsidiaries.

Special Resolution	A resolution required to be approved by not less than a two-thirds (2/3) majority of the votes cast by those Tenke Shareholders who (being entitled to do so) vote in person or by proxy at the Meeting.
Stock Exchanges	Collectively, the TSX and AMEX.
Suramina	Suramina Resources Inc., a wholly-owned subsidiary of Tenke, existing under the CBCA.
Suramina Class A Shares	Voting Class A shares in the capital of Suramina.
Suramina Shares	Voting common shares in the capital of Suramina.
Tenke	Tenke Mining Corp., a corporation existing under the CBCA.
Tenke Board	The board of directors of Tenke.
Tenke Class A Shares	Class A common shares without par value in the capital of Tenke which are to be created in accordance with the Plan of Arrangement.
Tenke Class B Shares	The Tenke Shares, once they have been redesignated as Class B common shares in accordance with the Plan of Arrangement.
Tenke Group Member	Tenke and its wholly-owned subsidiary, Tenke Holdings Ltd.
Tenke Independent Committee	The independent committee of independent directors established by Tenke to consider the Arrangement.
Tenke Lock Up Agreements	The agreements entered into by each of the officers and directors of Tenke and each person, company or trust that has, to the actual knowledge of Tenke, based on public filings made pursuant to National Instrument 62-103 of the Canadian Securities Administrators: (i) direct or indirect beneficial ownership of; (ii) control or direction over; or (iii) a combination of direct or indirect beneficial ownership of and of control or direction over, securities of Tenke carrying more than 10% of the voting rights attached to all of Tenke's outstanding voting securities, to vote their Tenke Shares in favour of the Arrangement and all related matters at the Meeting as described under "The Arrangement – Lock Up Agreements" in this Information Circular.
Tenke Minority Shareholders	The shareholders of Tenke other than Lundin Mining and the associates and affiliates thereof.
Tenke Stock Options	Stock options for the purchase of Tenke Shares issued pursuant to the Tenke Stock Option Plan and which are outstanding immediately before the Effective Date.
Tenke Shareholders	At the relevant time, the Registered Tenke Holders.
Tenke Shares	Voting common shares in the capital of Tenke.

Tenke Superior Proposal	Any *bona fide* written Competing Proposal made by a third party that the Tenke Board determines in good faith and by formal resolution, after consultation with its legal and financial advisors: (i) did not result from a material breach of section 4.6(a) or 4.6(b) of the Business Combination Agreement; (ii) is not subject to a financing or due diligence condition; (iii) is reasonably capable of completion in accordance with its terms without undue delay, taking into account all financial legal, regulatory and other aspects of such Competing Proposal and the identity of the third party making such Competing Proposal; and (iv) would result in a transaction more favourable to the Tenke Shareholders from a financial point of view than the Arrangement and provides for consideration per Tenke Share that has a value that is greater than the consideration per Tenke Share provided under the terms of the Arrangement (including any adjustments to such terms as a result of any modifications to the Business Combination Agreement proposed by Lundin Mining.)
Tenke Stock Option Plan	The stock option plan of Tenke pursuant to which directors, officers, employees and consultants may be granted options to purchase common shares in the capital of Tenke, established on February 10, 1994 and approved by shareholders on March 17, 1994 and as most recently amended by the Tenke Board on March 26, 2007 and approved by Tenke Shareholders on May 11, 2007.
TSX	The Toronto Stock Exchange.
U.S. Exchange Act	The United States *Securities Exchange Act of 1934*, as amended.
U.S. Securities Act	The United States *Securities Act of 1933*, as amended.

GLOSSARY OF TECHNICAL TERMS

The following is a glossary of certain mining or other technical terms used in this Information Circular and/or the Joint Disclosure Booklet:

AAS	Atomic absorption spectroscopy analytical technique.
Alteration	Changes in the chemical or mineralogical composition of a rock, generally produced by weathering or hydro-thermal solutions.
Anomalous	Inconsistent with or deviating from what is usual, normal or expected.
block model	A three dimensional volume created using small regularly shaped (cubes or rectangles) blocks each with an assigned grade estimated from the data set. Many of the blocks have no data points within their boundaries.
BQ	Diamond drill core size.
Cu	Copper.
EM	Electro-magnetic.
fire assay	A technique for determining the amount of gold in a rock sample.
footwall zone	Zone of rocks in the footwall, the underside of a vein, deposit or structure.
Grade	The concentration of an ore metal in a rock sample, given either as weight percent for base metals or in grams per tonne (g/tonne) or ounces per short ton for precious metals. The grade of an ore deposit is calculated, often using sophisticated statistical procedures, as an average of the grades of a very large number of samples collected from throughout the deposit.
g/tonne or gpt	Gram per tonne.
H_2SO_4	Hydrogen sulphide.
ha	Hectare.
hanging wall	The upper side of a vein, deposit or structure.
heap leach	A process of extracting metals from low grade ores including piling relatively coarse ore on an impervious membrane and allowing a dissolving fluid to seep down through the pile and through a collection system.
HQ	Diamond drill core size.
Indicated mineral resource	That part of a mineral resource for which quantity, grade or quality, densities, shape and physical characteristics can be estimated with a level of confidence sufficient to allow the appropriate application of technical and economic parameters to support mine planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and

	reliable exploration and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough for geological and grade continuity to be reasonably assumed.
Inferred mineral resource	That part of a mineral resource for which quantity and grade or quality can be estimated on the basis of geological evidence and limited sampling and reasonably assumed, but not verified, geological and grade continuity. The estimate is based on limited information and sampling gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes.
Intrusive	An igneous rock that was once molten and has "intruded" into pre-existing rocks in that state, after which it cools.
km	Kilometre.
kriging resources	Resources determined by using a method of estimating grade where a rectangular block is assigned a grade based on the nearest data points available. Data points are averaged by weighting according to distance from the block. Data points are used when located within an elliptical volume (ellipsoid) determined by variography.
m	Metre.
Measured mineral resource	That part of a mineral resource for which quantity, grade or quality, densities, shape and physical characteristics are so well established that they can be estimated with confidence sufficient to allow the appropriate application of technical and economic parameters, to support production planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration, sampling and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough to confirm both geological and grade continuity.
Mineralization	Minerals of value occurring in rocks.
NI 43-101	National Instrument 43-101 "Standards of Disclosure for Mineral Projects" of the Canadian Securities Administrators.
NPV	Net present value.
NQ	Diamond drill core size.
NSR	Net smelter return - a calculation of net value metal produced less smeltering and refining changes.
Ore	A naturally occurring material from which one or more minerals may be mined and sold at a profit or from which some part may be profitably separated.

polygonal modelling	A method of estimating resources where areas are constructed on section based on half the distance to the next data point. Each area is then represented by the individual data point (drill hole intersection).
polygonal resources	Resources determined by using polygonal modelling.
porphyry	Any igneous rock with crystals embedded in a finer groundmass of minerals.
Probable mineral reserves	The economically mineable part of an indicated and in some circumstances a measured mineral resource demonstrated by at least a preliminary feasibility study. The study must include adequate information on mining, processing, metallurgical, economic and other relevant factors that demonstrate, at the time of reporting, that economic extraction can be justified.
Proven mineral reserves	The economically mineable part of a measured mineral resource demonstrated by at least a preliminary feasibility study. The study must include adequate information on mining, processing, metallurgical, economic and other relevant factors that demonstrate at the time of reporting, that economic extraction is justified.
reverse circulation	A drilling technique that does not result in the recovery of drill core.
Sulphide	A compound containing sulphur and some other metal.
SX-EW	Copper sulphate solution and electrowinning.
tpd	Tonnes per day.
variography	The statistical analysis which shows the directional variation of data. This technique is used to align the ellipsoid for Kriging in block models.
VLF-EM	A geophysical exploration technique utilising magnetic fields.

QUESTIONS AND ANSWERS ABOUT THE ARRANGEMENT AND THE MEETING

Following are some questions that you, as a Tenke Shareholder, may have relating to the Meeting and answers to those questions. These questions and answers, as well as the following summary, do not provide all the information relating to the Meeting or the matters to be considered at the Meeting and are qualified in their entirety by the more detailed information contained elsewhere in this Information Circular. You are urged to read this Information Circular in its entirety before making a decision related to your Tenke Shares.

Q: What are Tenke and Lundin Mining proposing?

A: Tenke and Lundin Mining are proposing to effect a business combination to combine the business and assets of Tenke (except for Tenke's South American Assets and US$5 million in cash) with those of Lundin Mining pursuant to a statutory plan of arrangement under federal law. Under the terms of the Arrangement, Tenke will become a wholly-owned subsidiary of Lundin Mining and in connection therewith Tenke Shareholders will receive, for their Tenke Shares, Lundin Shares and a cheque representing the cash due under the Arrangement as well as Suramina Shares.

Q: What will Tenke Shareholders receive?

A: Under the Arrangement, each issued Tenke Share (other than Tenke Shares held by a holder who has validly exercised Dissent Rights, or by Lundin Mining or any subsidiary of Lundin Mining) will be exchanged for 1.73 Lundin Shares and CDN.$0.001 in cash as well as one Suramina Share. If a Tenke Shareholder is entitled to a fractional share such Tenke Shareholder will receive cash based on one whole Lundin Share valued at CDN$14.88, the closing price of the Lundin Shares on April 10, 2007, the reference date of the Business Combination Agreement. Any cash consideration to be received by a Tenke Shareholder will be rounded up to the nearest whole cent.

Q: On what am I being asked to vote?

A: At the Meeting, Tenke Shareholders will be asked to consider and, if thought fit, pass, with or without variation, the Arrangement Resolution authorizing and approving the Arrangement. The full text of the Arrangement Resolution is set out in Schedule A to this Information Circular.

Q: How does the Tenke Board recommend that I vote on the Arrangement Resolution?

A: The Tenke Board unanimously recommends that Tenke Shareholders vote FOR the Arrangement Resolution. See "The Arrangement — Reasons for the Arrangement and Recommendation of the Tenke Board" in this Information Circular. In addition, the directors and executive officers and each person, company or trust that has to the actual knowledge of Tenke, based on public filings made pursuant to National Instrument 62-103 of the Canadian Securities Administrators: (i) direct or indirect beneficial ownership of; (ii) control or direction over; or (iii) a combination of direct or indirect beneficial ownership or of control, or direction over, Tenke Shares carrying more than 10% of the rights attached to all of Tenke Shares, whereby they have entered into the Tenke Lock-up Agreements with Lundin Mining under which they have agreed to vote their Tenke Shares FOR the Arrangement Resolution. As of April 10, 2007, approximately 21% of the Tenke Shares were held by these persons and entities. See "The Arrangement — Tenke Lock-up Agreement" in this Information Circular.

Q: Why does the Tenke Board recommend that Tenke Shareholders vote FOR the Arrangement Resolution?

A: In the course of its evaluation of the Arrangement, the Tenke Board consulted with Tenke's senior management, legal counsel and Dundee Securities, reviewed a significant amount of information and considered a number of factors. Certain of the expected benefits to the Tenke Shareholders are as follows (see "The Arrangement — Reasons for the Arrangement and Recommendation of the Tenke Board" in this Information Circular for further details of the reasons why the Tenke Board is recommending that Tenke Shareholders vote FOR the Arrangement Resolution):

- Lundin Mining has offered a premium to the Tenke Share price immediately prior to the announcement of the Arrangement. The terms of the Arrangement provide a premium of approximately 31.2% to the Tenke Share price based on the respective volume-weighted average share prices of both Tenke and Lundin Mining on the TSX and the other exchanges on which such shares trade for the 20 trading days preceding the announcement of the transaction.

- Lundin Mining is an established, leading, intermediate base metals producer and as a result, Tenke Shareholders will no longer be subject to many of the normal development risks that a junior company developing a mine would be subject to, including the potential dilution that would result from additional equity financing activities that may be necessary if Tenke was to maintain a direct interest in the mine itself and the potentially unfavourable terms that may be associated with a debt financing.

- Tenke Shareholders will participate in a leading company which has four operating mines in Portugal, Sweden and Ireland, a fifth mine under development in Portugal and an interest in one of the world's largest zinc projects in the Russian Federation and, potentially, an interest in a producing mine in Spain. Accordingly, Tenke Shareholders will gain exposure to Lundin Mining's mining and exploration projects.

- Tenke Shareholders will continue to participate in any increase in value in the Tenke Fungurume project by holding Lundin Shares. Tenke Shareholders will hold approximately 26.67% (26.75 % on a fully diluted basis based on the issued capital and outstanding options of Tenke and Lundin Mining on May 18, 2007) of Lundin Mining on completion of the Arrangement.

- In respect of the Tenke Fungurume project, Tenke Shareholders will benefit from the technical, financial and administrative depth of Lundin Mining, which will assist in debt financing negotiations and the development of the Tenke Fungurume project.

- Tenke Shareholders will further benefit through the receipt of Suramina Shares in connection with the spinout of Tenke's South American Assets, which will provide a new opportunity for enhanced market exposure for Tenke's South American Assets and potential to unlock unrealized value for such assets under the direction of a recognized and successful exploration team.

- The combined company will have a market capitalization of approximately CDN$5.3 billion (based on the closing price of the Tenke Shares and the Lundin Shares on the TSX

on April 10, 2007), which is expected to generate new investment interest. Tenke expects this to lead to increased liquidity.

- The combined entity will feature enhanced project and geographic diversification. The combined entity's project portfolio will become more geographically diversified, serving to reduce costs and exposures to the risks inherent in operating only a specific asset or only within a specific jurisdiction.

Q: When is the Arrangement expected to close?

A: The Arrangement is expected to close by July 3, 2007, assuming that the required shareholder approval and regulatory approvals have been received by such time and subject to the other terms and conditions set out in the Business Combination Agreement. See "The Arrangement — Effective Date and Conditions of the Arrangement" and "The Arrangement — Regulatory Matters" in this Information Circular.

Q: Are there risks I should consider in deciding whether to vote for the Arrangement Resolution?

A: Yes. Some of these risks include: (i) the Business Combination Agreement may be terminated in certain circumstances, in which case the market price for Tenke Shares may be adversely affected; (ii) Tenke Shareholders will receive Lundin Shares based on a fixed exchange ratio, and the Lundin Shares received by Tenke Shareholders under the Arrangement may have a market value lower than expected; (iii) the closing of the Arrangement is conditional on, among other things, the receipt of consents and approvals from governmental bodies that could delay completion of the Arrangement or impose conditions on the companies that could adversely affect the business or financial condition of Lundin Mining after the Arrangement; (iv) the exchange of Tenke Shares pursuant to the Arrangement may be a taxable transaction for Tenke Shareholders in the United States; (v) potential payments to be made to Tenke Shareholders who exercise Dissent Rights could have an adverse effect on Lundin Mining's financial condition; (vi) the issue of Lundin Shares under the Arrangement and their subsequent sale may cause the market price of Lundin Shares to decline; (vii) Lundin Mining after the Arrangement may not realize the benefits currently anticipated from the combination of Tenke (net of the South American Assets and US$5 million in cash) and Lundin Mining due to challenges associated with integrating the operations, technologies and personnel of Tenke and Lundin Mining; (viii) Lundin Mining may not realize the benefits of its growth projects; and (ix) Lundin Mining will be subject to a broad range of environmental laws and regulations in the jurisdictions in which it operates and will be exposed to potentially significant environmental costs and liabilities. See "Risk Factors" in the Joint Disclosure Booklet.

Q: What are the Canadian and U.S. federal income tax consequences of the Arrangement to Tenke Shareholders?

A: A beneficial owner of Tenke Shares who is a Canadian resident and whose Tenke Shares constitute "capital property" will generally realize a capital gain on the exchange of Tenke Class B Shares for Tenke Class A Shares and Suramina Shares under the Arrangement to the extent that the fair market value of the Suramina Shares received by the owner exceeds the adjusted cost base of the owner's Tenke Shares. The owner generally should be able to subsequently exchange Tenke Class A Shares for Lundin Shares and cash under the Arrangement on a tax-deferred basis by making an appropriate election jointly with Lundin under Section 85 of the ITA. An owner who does not make such an election generally will realize a capital gain (or a capital loss) equal to the amount by which the aggregate fair market value of the Lundin Shares and cash that the owner receives under the Arrangement, net of reasonable costs of disposition, exceeds (or is less than) the adjusted cost base of the owner's Tenke Class A Shares. Non-resident owners whose Tenke Shares do not constitute "taxable Canadian property" generally will not incur any liability for Canadian federal income tax as a result of participating in the Arrangement

For U.S. federal income tax purposes, the tax treatment of the Arrangement depends on whether the exchange of Tenke Shares for Tenke Shares and Suramina Shares and the exchange of Tenke Shares for Lundin Shares and cash, treated as part of an integrated transaction, qualifies as a tax-free distribution of Suramina Shares and a tax-free merger of Lundin Mining and Tenke. The tax treatment of the Arrangement is also subject to the passive foreign investment company rules of Sections 1291-1298 of the Code. No U.S. federal tax opinion is being delivered in connection with the Arrangement. See "United States Federal Income Tax Considerations" in this Information Circular. Tenke Shareholders are urged to consult their tax advisers to determine the tax consequences particular to them.

Q: When and where will the Meeting be held?

A: The Meeting will be held on June 18, 2007 at 10:00 a.m. (Vancouver time) at the Oak Room, Four Seasons Hotel, 791 West Georgia Street, Vancouver, British Columbia, Canada.

Q: Who is entitled to vote at the Meeting?

A: All Tenke Shareholders at the close of business on May 8, 2007, the Record Date for the Meeting, will be entitled to vote on matters that come before the Meeting.

Q: How many votes do I have?

A: You are entitled to one vote for each Tenke Share that you own. At the close of business on May 18, 2007, there were 60,199,829 Tenke Shares issued and outstanding.

Q: What vote is required to approve the Arrangement Resolution?

A: At least two thirds of the votes cast on the Arrangement Resolution at the Meeting must be voted FOR the Arrangement Resolution in order for it to be approved.

Q: Are Lundin Shareholders required to approve the Arrangement?

A: Lundin Shareholders will be voting on the Lundin Resolution, although it is not technically or legally required.

Q: What if I return my proxy but do not mark it to show how I wish to vote?

A: If your proxy is signed and returned without specifying your choices, your Tenke Shares will be voted FOR the Arrangement Resolution in accordance with the recommendation of the Tenke Board.

Q: When is the deadline for receipt of a proxy?

A: The proxy must be received by Computershare at 9th Floor, 100 University Avenue, Toronto, Ontario, M5J 2Y1 at least 48 hours (excluding Saturdays, Sundays and holidays) before the Meeting or any adjournment thereof at which the proxy is to be used. In this case, assuming no adjournment, the proxy deadline is 10:00 a.m. (Vancouver time) on June 14, 2007.

Q: What do I need to do now?

A: Read and consider the information contained in this Information Circular and the Joint Disclosure Booklet carefully, and then send in your proxy for your Tenke Shares as soon as possible so that your Tenke Shares may be voted at the Meeting.

SUMMARY

The following is a summary of the principal features of the Arrangement and certain other matters and should be read together with the more detailed information and financial data and statements contained elsewhere in this Information Circular, including the Schedules attached hereto and the Joint Disclosure Booklet and incorporated in this Information Circular and in the Joint Disclosure Booklet by reference. Capitalized terms not otherwise defined in this Summary are defined in the Glossary of Terms or elsewhere in this Information Circular or the Joint Disclosure Booklet. This Summary is qualified in its entirety by the more detailed information appearing or referred to elsewhere herein or therein.

The Meeting

Date, Time and Place of Meeting

The Meeting will be held on June 18, 2007, at 10:00 a.m. (Vancouver time) at the Oak Room, Four Seasons Hotel, 791 West Georgia Street, Vancouver, British Columbia.

The Record Date

The Record Date for determining the Tenke Shareholders entitled to vote at the Meeting is May 8, 2007.

Purpose of the Meeting

This Information Circular is furnished in connection with the solicitation of proxies by management of Tenke for use at the Meeting.

At the Meeting, Tenke Shareholders will be asked to consider and to pass, with or without variation, a special resolution (the "**Arrangement Resolution**") approving an arrangement (the "**Arrangement**") under section 192 of the *Canada Business Corporations Act* (the "**CBCA**") involving Tenke, the Tenke Shareholders, Suramina and Lundin Mining. The Arrangement involves the following transactions:

- an amendment to the authorized capital of Tenke to re-designate the Tenke Shares as Tenke Class B Shares;
- an amendment to the authorized capital of Tenke to create an unlimited number of Tenke Class A Shares;
- the transfer by Tenke of its South American Assets and cash in the amount of US$5 million to Suramina in exchange for that number of Suramina Shares equal to the number of Tenke Shares issued and outstanding immediately before the Effective Time, other than Tenke Shares held by Dissenting Shareholders;
- the exchange by the Tenke Shareholders with Tenke of all issued Tenke Class B Shares, other than those held by Dissenting Shareholders, for one Tenke Class A Share and one Suramina Share;
- the transfer to Lundin Mining by the Tenke Shareholders of each issued Tenke Class A Share in consideration of 1.73 Lundin Shares and CDN$0.001 in cash;

- the exchange of each Tenke Stock Option outstanding immediately before the Effective Date for a stock option issued by Lundin Mining (a "**Lundin New Option**") pursuant to which the holder of the Tenke Stock Option will be entitled to receive, upon exercise of the Lundin New Option, that number of Lundin Shares which the holder would have been entitled to receive as a result of the Exchange Ratio if, immediately prior to the Effective Time, such holder had been the registered holder of the number of Tenke Shares to which such holder was therefore entitled upon exercise of the Tenke Stock Option. Each Tenke Stock Option which, by its terms, would expire up to 90 days after the holder of such option ceased to be eligible to hold options under the Tenke Stock Option Plan, shall be deemed to have been amended to provide that such option shall not expire until 180 days after the holder of such option ceased to be eligible to hold options under the Tenke Stock Option Plan; and

- the redemption by Suramina of its outstanding Suramina Class A Shares for CDN$0.001 per share.

The Arrangement

Purpose

The purpose of the Arrangement is to split the business of Tenke into two parts: (i) one part, comprised of the interest in the Tenke Fungurume copper/cobalt deposits located in Katanga Province, Democratic Republic of Congo, will be owned by Lundin Mining; and (ii) the other part, comprised of US$5 million in cash and Tenke's South American Assets, consisting of exploration properties in Argentina and Chile, will be owned by Suramina, a new company formed in connection with the Arrangement.

Following completion of the Arrangement, Tenke Shareholders will hold an interest in each part of the current business of Tenke through the ownership of Suramina Shares and the ownership of Lundin Shares. On the Effective Date, former Tenke Shareholders will hold approximately 26.67% (26.75% on a fully diluted basis based on the issued capital and outstanding options of Tenke and Lundin Mining on May 18, 2007), of the issued Lundin Shares and 100% of the issued Suramina Shares.

Reasons for the Arrangement and Recommendation of the Tenke Board

After careful consideration, the Tenke Board has unanimously (other than those directors who abstained from voting) determined that the Arrangement is fair to Tenke Shareholders and is in the best interests of Tenke. Accordingly, the Tenke Board unanimously (other than those directors who abstained from voting) recommends that Tenke Shareholders vote FOR the Arrangement Resolution and, therefore, the acquisition of Tenke (net of the South American Assets and US$5 million in cash) by Lundin Mining.

In the course of its evaluation of the Arrangement, the Tenke Board consulted with the Tenke Independent Committee, Tenke's senior management, legal counsel and Dundee Securities, reviewed a significant amount of information and considered a number of factors, including, among others, the following factors:

- Lundin Mining has offered a premium to the Tenke Share price immediately prior to the announcement of the Arrangement. The terms of the Arrangement provide a premium of approximately 31.2% to the Tenke Share price based on the respective volume-weighted average share prices of both Tenke and Lundin Mining on the TSX and the other exchanges on which such shares trade for the 20 trading days preceding the announcement of the transaction.

- Lundin Mining is an established, leading, intermediate base metals producer and as a result, the Tenke Shareholders will no longer be subject to many of the normal development risks that a junior company developing a mine would be subject to, including the potential dilution that would result from additional equity financing activities that may be necessary if Tenke was to maintain a direct interest in the mine itself and the potentially unfavourable terms that may be associated with a debt financing.

- Tenke Shareholders will participate in a leading company which has four operating mines in Portugal, Sweden and Ireland, a fifth mine under development in Portugal and an interest in one of the world's largest zinc projects in the Russian Federation and, potentially, an interest in a producing mine in Spain. Accordingly, Tenke Shareholders will gain exposure to Lundin Mining's mining and exploration projects.

- Tenke Shareholders will continue to participate in any increase in value in the Tenke Fungurume project by holding Lundin Shares. Tenke Shareholders will hold approximately 26.67% (26.75% on a fully diluted basis based on the issued capital and outstanding options of Tenke and Lundin Mining on May 18, 2007) of Lundin Mining on completion of the Arrangement.

- In respect of the Tenke Fungurume project, Tenke Shareholders will benefit from the technical, financial and administrative depth of Lundin Mining, which will assist in debt financing negotiations and the development of the Tenke Fungurume project.

- Mine development and construction is risky and uncertain. Lundin Mining's larger and substantial financial, management and other resources allow it to better deal with Tenke's joint venture partner in the development of the Tenke Fungurume project. Without the combination with Lundin Mining, during the entire period of development and construction, Tenke would have no revenues and would depend entirely on the proceeds raised from debt or equity financings which may or may not be available at reasonable terms, if at all. Lundin Mining has put a mine into production and is in the process of expanding and developing others and this experience would be of value to Tenke. Lundin Mining also has substantial current cashflows from operations to sustain the company.

- Tenke Shareholders will further benefit through the receipt of Suramina Shares in connection with the spinout of Tenke's South American Assets, which will provide a new opportunity for enhanced market exposure for Tenke's South American Assets and potential to unlock unrealized value for such assets under the direction of a recognized and successful exploration team.

- None of the other possible alternatives to the Lundin Mining offer were considered reasonably likely to present superior opportunities for Tenke or reasonably likely to create greater value for Tenke Shareholders than the Lundin Mining offer.

- The terms and conditions of the Business Combination Agreement include the ability of the Tenke Board under certain circumstances to respond to unsolicited Competing Proposals and to furnish information to and conduct negotiations with third parties and, upon payment to Lundin Mining of a CDN$30 million Break Fee, to terminate the Business Combination Agreement and accept a Tenke Superior Proposal and the limited ability of Lundin Mining to terminate the Business Combination Agreement.

- The belief of the Tenke Board that the Break Fee is within the range of reasonable termination fees provided for in comparable transactions and is not a significant deterrent to possible competing offers.

- Although Lundin Mining will not be seeking shareholder approval for the Arrangement, other than the Lundin Resolution, Tenke has negotiated the Lundin Lock Up Agreement from, among others, key shareholders of Lundin Mining and the officers and directors of Lundin Mining and will receive a termination fee of CDN$3 million if the Lundin Shareholders do not approve the Lundin Mining Resolution at the Lundin Meeting. No Break Fee is payable by Tenke if the Tenke Shareholders do not approve the Arrangement.

- Tenke's principal shareholder, who owns or controls 11,619,436 Tenke Shares representing approximately 19.3% of the outstanding Tenke Shares and who will receive the same consideration as other Tenke Shareholders, entered into a Tenke Lock Up Agreement with Lundin Mining and agreed to vote in favour of the Arrangement.

- The combined company will have a market capitalization of approximately CDN$5.3 billion (based on the closing price of Tenke Shares and the Lundin Shares on the TSX on April 10, 2007), which is expected to generate new investment interest. Tenke expects this to lead to increased liquidity.

- The combined entity will feature enhanced project, and geographic diversification. The combined entity's project portfolio will become more geographically diversified, serving to reduce costs and exposures to the risks inherent in operating only a specific asset or only within a specific jurisdiction.

- The financial presentation of Dundee Securities, including its oral opinion of April 10, 2007, which was confirmed by a written opinion dated May 17, 2007, to the Tenke Independent Committee as to the fairness, from a financial point of view, of the Arrangement to the Tenke Minority Shareholders, as more fully described under "The Arrangement – Fairness Opinion".

- The recommendation of the Tenke Independent Committee regarding the terms of the Arrangement and its recommendation that the Tenke Board approve the Arrangement on the terms presented to it.

- The Arrangement is expected to result in increased share trading liquidity for the current Tenke Shareholders.

- The Arrangement will provide Tenke Shareholders with the benefit of an immediate increase in cash flow from Lundin Mining's operating assets.

- Information provided in respect of Lundin Mining with respect to its assets and properties.

- Information provided in respect of Lundin Mining with respect to its historical and current financial condition, business and operations.

- Historical information regarding the market prices and trading information of the Tenke Shares and the Lundin Shares.

- The anticipated size and market liquidity of Lundin Mining subsequent to the Arrangement.

- The Arrangement Resolution must be approved by not less than two-thirds of the votes cast at the Tenke Meeting by Tenke Shareholders, and must also be approved by the Court, which will consider, among other things, the fairness of the Arrangement to Tenke Shareholders.

- Under the Arrangement, Registered Tenke Shareholders will have the Dissent Rights.

In the course of its deliberations, the Tenke Board also identified and considered a variety of risks and potentially negative factors, including, but not limited to:

- Until the Arrangement is completed, the price of Tenke's Shares may be capped at or near the value contemplated by the Arrangement to the extent that there is a market assumption that the Arrangement will be completed.

- In certain circumstances set out under "The Business Combination Agreement – Non-Solicitation of Competing Proposals and Break Fee" Tenke may be required to pay the Break Fee to Lundin Mining, which, if an alternative transaction is not concluded, will adversely affect Tenke's financial condition.

- If the Business Combination Agreement is terminated and the Tenke Board decides to seek another merger or business combination, there can be no assurance that it will be able to find a party willing to pay an equivalent or more attractive price than the purchase price to be paid pursuant to the Arrangement with Lundin Mining.

- Implementing the Arrangement will require the devotion of significant management time and attention, which will have to be diverted from the existing business of Tenke and which could have an adverse impact on Tenke if the Arrangement is not approved.

- Under the Business Combination Agreement, Tenke would be required to pay the Break Fee in the event that the Business Combination Agreement is terminated in certain circumstances. The Break Fee, together with Lundin Mining's right to match a Tenke Superior Proposal, may discourage other parties from attempting to acquire the Tenke Shares even if those parties might be willing to offer greater value than Lundin Mining has offered under the Business Combination Agreement.

The foregoing discussion summarizes the material information and factors considered by the Tenke Independent Committee and the Tenke Board in their consideration of the Arrangement. The Tenke Board collectively reached its decision (Messrs. Rand, Craig and Lundin abstaining) with respect to the Arrangement in light of the factors described above and other factors that each member of the Tenke Board felt were appropriate. In view of the wide variety of factors and the quality and amount of information considered, the Tenke Independent Committee and the Tenke Board did not find it useful or practicable to, did not make specific assessments of, and did not quantify, rank or otherwise assign relative weights to the specific factors considered in reaching their determination. Individual members of the Tenke Independent Committee and the Tenke Board may have given different weight to different factors.

Fairness Opinion

Dundee Securities has provided an opinion (the "**Fairness Opinion**") to the Tenke Independent Committee in respect of the fairness from a financial point of view of the Arrangement to the Tenke Minority Shareholders. **Based upon the information and procedures and subject to the limitations described in the Fairness Opinion, Dundee Securities has concluded that the Arrangement is fair, from a financial point of view, to the Tenke Minority Shareholders.** See "The Arrangement - Fairness Opinion" in the Information Circular and a copy of the Fairness Opinion which is attached as Schedule "D" hereto.

Effect of the Arrangement

Upon completion of the Arrangement:

- Tenke will be a wholly-owned subsidiary of Lundin Mining and will cease to be a public company;

- Tenke will continue to hold all of its mineral properties, cash and assets, save and except for US$5 million in cash and the South American Assets, which will be transferred to Suramina as part of the Arrangement;

- Tenke Shareholders, other than Tenke Shareholders who duly exercise their Dissent Rights, will receive 1.73 Lundin Shares and CDN$0.001 and one Suramina Share for each Tenke Share owned;

- each Tenke Stock Option outstanding immediately before the Effective Date will be exchanged for a Lundin New Option pursuant to which the holder of the related Tenke Stock Option will be entitled to receive, upon exercise of the Lundin New Option, that number of Lundin Shares that is equal to the number of Tenke Shares that was issuable upon exercise of the related Tenke Stock Option immediately before the Effective Time multiplied by the share component of the Exchange Ratio, and the exercise price per Lundin Share under the Lundin New Option will, subject to adjustment, be equal to the quotient obtained by dividing the exercise price per share of the related Tenke Stock Option in effect immediately prior to the Effective Time, by the share component of the Exchange Ratio and each Tenke Stock Option will expire on the earlier of the Original Expiry Date and 180 days after the optionee ceases to be eligible to hold options under the Tenke Stock Option Plan;

- assuming there are 60,199,829 Tenke Shares issued and outstanding at the Effective Time and outstanding Tenke Stock Options in respect of 787,500 Tenke Shares, Lundin Mining will issue approximately 104,145,704 Lundin Shares to acquire the Tenke Shares and reserve approximately 1,362,375 Lundin Shares for issuance upon exercise of Lundin New Options. Upon completion of the Arrangement, there will be, using Lundin Mining's issued share capital as at May 18, 2007, approximately 390,473,400 Lundin Shares issued and outstanding. In addition, approximately 60,199,829 Suramina Shares will be issued to Tenke Shareholders on the basis of one Suramina Share for each Tenke Share held;

- the subsidiaries of Tenke (other than subsidiaries that own directly or indirectly, the South American Assets) will remain as subsidiaries and related corporations of Tenke, such that the Tenke Fungurume project will be owned by Lundin Mining;

- Suramina will be a reporting company, all of the shares of which will be owned by Tenke Shareholders. Suramina will hold the South American Assets and US$5 million in cash; and

- Paul K. Conibear, the current President and Chief Executive Officer of Tenke will join Lundin Mining in a senior management position responsible for the Tenke Fungurume project. Mr. Conibear will also be the President and Chief Executive Officer of Suramina.

See "The Arrangement" for additional information. Full particulars of the Arrangement are contained in the Plan of Arrangement which is attached hereto as Schedule "B".

Post Arrangement Reorganization

Under the Business Combination Agreement, Lundin Mining has agreed to cause Tenke, within 30 days of the Effective Date, to amalgamate with Lundin Mining or a wholly-owned subsidiary of Lundin Mining.

The Companies

Tenke is a Canadian mineral resource company with development projects and exploration activities in the Democratic Republic of Congo, Argentina and Chile. Tenke is a reporting issuer in British Columbia, Alberta, Saskatchewan, Ontario and Québec. Tenke's shares trade on the TSX under the symbol "TNK". Tenke's registered office is located at Suite 1100, 888 Dunsmuir Street, Vancouver, British Columbia V6C 3A4 and its head office is located at 885 W. Georgia Street, Suite 2101, Vancouver, British Columbia V6C 3E8.

Tenke holds a 24.75% interest in the Tenke Fungurume copper/cobalt deposits located in Katanga Province in the Democratic Republic of Congo (the "**DRC**"). Tenke's operating partner, Freeport-McMoRan Copper & Gold Inc. (formerly, Phelps Dodge Corporation), holds a 57.75% interest and La Générale des Carrierès et des Mines, the DRC state mining company, holds the remaining 17.5% interest. Construction is in progress on the project which entails an open pit mining operation producing initially 115,000 tonnes per annum of copper cathode and 8,000 tonnes per annum of cobalt in any combination of cobalt metal or intermediate cobalt hydroxide. Site infrastructure and process facility layouts have been designed for significant future potential expansions.

The Tenke Fungurume concessions, encompassing over 1,500 square kilometers, have extensive exploration potential across the project area and a significant drilling program is in progress to potentially add further proven/probable, high-grade ore reserves to the mine plan and for a potential major plant expansion in the early years of the project.

Tenke also holds an extensive exploration land package in Argentina extending into Chile. The prime areas of focus are exploration properties in San Juan Province, Argentina, in areas in Chile directly across the border from the San Juan properties, and epithermal gold/silver targets in Patagonia, Argentina. These assets will be spun out to Tenke Shareholders pursuant to the Plan of Arrangement.

Lundin Mining is a reporting issuer in British Columbia, Alberta, Ontario, Quebec and Nova Scotia. Lundin Mining's shares trade on the TSX under the symbol "LUN" and AMEX under the symbol "LMC". Swedish depository receipts of Lundin Mining trade on the Swedish Stock Exchange under the symbol "LUMI". The head office and principal place of business of Lundin Mining is located at 885 W. Georgia Street, Suite 2101, Vancouver, British Columbia V6C 3E8.

Lundin Mining is a rapidly growing mining and exploration company engaged in the extraction, development, acquisition and discovery of base metal deposits internationally. Lundin Mining currently owns four operating mines: Neves-Corvo in Portugal, the Zinkgruvan and Storliden mines in Sweden and the Galmoy mine in Ireland. A fifth mine under development, the Aljustrel mine in Portugal, is expected to be brought into production in the third quarter of 2007. Lundin Mining also holds a 49% stake in one of the world's largest zinc projects, Ozernoe, located in the Republic of Buryatia in the Russian Federation.

During 2006, Lundin Mining mined 3.9 million tonnes of ore producing 89,218 tonnes of copper, 171,293 tonnes of zinc, 45,106 tonnes of lead and 2,538,225 ounces of silver.

In addition, Lundin Mining recently announced a takeover bid for all of the outstanding shares and warrants of Rio Narcea Gold Mines, Ltd. which holds a 100% interest in the producing Aguablanca nickel mine in Spain.

Suramina is currently a wholly-owned subsidiary of Tenke. The registered and records office of Suramina is located at 2100 Scotia Plaza, 40 King Street West, Toronto, Ontario M5H 3C2.

Upon completion of the Arrangement, Suramina will be a reporting issuer in British Columbia, Alberta, Saskatchewan, Ontario and Quebec. Application will be made for listing of the Suramina Shares on the TSX. Any listing will be subject to meeting TSX original listing requirements and there is no assurance such a listing will be obtained. The Suramina Shares will not be registered with the SEC and will not be listed for trading on a stock exchange in the United States. Suramina will have US$5 million in cash and will conduct mineral exploration of the South American Assets which include exploration properties in Argentina and Chile.

See the pro forma financial consolidated statements of Lundin Mining and the consolidated financial statements of Suramina attached to the Joint Disclosure Booklet for a description of the respective status of each of these companies as at March 31, 2007 after giving effect to the Arrangement.

The Tenke Board (with Messrs. Rand, Craig and Lundin abstaining) recommends that the Tenke Shareholders vote FOR the Arrangement Resolution and, therefore, the acquisition of Tenke (net of the South American Assets and US$5 million in cash) by Lundin Mining. See "The Arrangement - Recommendations of the Directors".

Conditions to the Arrangement

The Business Combination Agreement provides that completion of the Arrangement is subject to a number of usual specified conditions being met as of the Effective Date, including:

- the approval or acceptance of the Arrangement by a two-thirds majority of the Tenke Shareholders present and entitled to vote at the Meeting;
- the approval or acceptance of the Lundin Resolution by a simple majority of the Lundin Shareholders present and entitled to vote at the Lundin Meeting;
- the Court must grant its Final Order with respect to the Arrangement;
- all covenants of Tenke and Lundin Mining shall have been duly performed and all representations and warranties of Tenke and Lundin Mining must be true and correct at the time of closing;
- no Material Adverse Change with respect to Tenke and Lundin Mining will have occurred; and
- Dissent Rights must not have been exercised in respect of, in the aggregate, more than 5% of the outstanding Tenke Shares.

The TSX has conditionally approved the listing of the Lundin Shares to be issued pursuant to the Arrangement, subject to filing standard closing documents. The Business Combination Agreement also provides that it may be terminated in certain circumstances by the Tenke Board and the Lundin Board before the Effective Date notwithstanding approval of the Arrangement by the Tenke Shareholders and the Court. See "The Arrangement - Effective Date and Conditions of Arrangement".

Non-Solicitation of Competing Proposal by Tenke

Tenke has agreed that it will not directly or indirectly solicit, initiate, or engage in discussions or negotiations with any person, encourage submission of any inquiries, proposals, or offers by, or take any other action intended or designed to facilitate the efforts of any person, other than Lundin Mining, relating to a Competing Proposal, or provide non-public information with respect to Tenke or any Tenke Group Member, or afford any access to the properties, books, or records of the same, to any person, that may wish to propose or pursue a Competing Proposal, provided, however, that in response to an unsolicited bona fide Competing Proposal, Tenke may: (A) furnish such information or access with respect to Tenke and the Tenke group and any Tenke Group Member to the person making such Competing Proposal pursuant to a confidentiality agreement with such person that is no less restrictive than the Confidentiality Agreement; or (B) engage in discussions or participate in negotiations regarding such Competing Proposal, but in each case only if; (x) the Tenke Board determines in good faith, after consultation with outside counsel, that such action is necessary in order for the Tenke Board to act in a manner consistent with their fiduciary duties under applicable law; (y) the Tenke Board determines in good faith that the Competing Proposal could reasonably be expected to result in a Tenke Superior Proposal; and (z) Tenke complies with the Business Combination Agreement with respect to such Competing Proposal.

The Business Combination Agreement also provides that neither Tenke nor the Tenke Board nor any committee thereof shall or shall permit any Tenke Group Member to: (a) withdraw or modify, or propose to withdraw or modify, in a manner adverse to Tenke, their approval of the Arrangement, the Business Combination Agreement, the transactions contemplated by the Business Combination Agreement or the recommendation to vote in favour of the Arrangement Resolution; (b) approve or recommend, or propose to approve or recommend, any Competing Proposal; or (c) cause or permit any member of the Tenke group or any of its subsidiaries to enter into any agreement, including an agreement in principle or letter of intent to effect a Competing Proposal.

Notwithstanding the foregoing, if Tenke has received a Tenke Superior Proposal, the Tenke Board may: (A) withdraw or modify its recommendation of the Arrangement Resolution; (B) approve or recommend a Tenke Superior Proposal; or (C) cause Tenke or any of its subsidiaries to enter into a transaction agreement to effect a Tenke Superior Proposal, but in each case only if: (x) the Tenke Board determines in good faith, after consultation with outside counsel, that such action is necessary in order for them to act in a manner consistent with their fiduciary duties under applicable law; and (y) Tenke shall have furnished Lundin Mining with written notice at least three Business Days prior to the date any such actions are proposed to be taken specifying which actions are proposed to be taken and, after taking into account modifications to the Business Combination Agreement proposed by Lundin Mining during such three Business Day period, such Competing Proposal would still constitute a Tenke Superior Proposal. If Tenke enters into an agreement to implement a Tenke Superior Proposal, it will be required to pay the Break Fee to Lundin Mining, as detailed below. In addition, if Lundin Mining elects to terminate the Business Combination Agreement in these circumstances, Tenke will be required to pay Lundin Mining the Break Fee. If Lundin Mining makes a proposal to amend the Business Combination Agreement to increase the consideration payable to the Tenke Shareholders pursuant to the Arrangement, such that the Competing Proposal is no longer a Tenke Superior Proposal, Tenke and Lundin Mining will execute such documents to give effect to such proposal and Tenke will not enter into the Competing Proposal.

The Tenke Board may withdraw, modify, qualify or change its recommendation to Tenke Shareholders in respect of the Arrangement Resolution or from making any disclosure to the Tenke Shareholders prior to the Effective Date if, in the good faith judgment of the Tenke Board after consultation with outside counsel, such action is necessary for the Tenke Board to act in a manner consistent with its fiduciary duties under applicable law or is otherwise required under applicable laws, provided that in the case of

any proposal in respect of any such withdrawal, modification, qualification or change which does not relate to a Competing Proposal or a Tenke Superior Proposal, and except as may be necessary for the Tenke Board to act in accordance with its fiduciary duties, not less than 48 hours before the Tenke Board considers any proposal in respect of any such withdrawal, modification, withdrawal qualification or change, Tenke shall give Lundin Mining written notice of such proposal and promptly advise Lundin Mining of the proposed consideration of such proposal. Except in the circumstances where Tenke gives such notice due to certain corporate actions taken by Lundin Mining, if Lundin Mining terminates the Business Combination Agreement due to a change in recommendation by Tenke, Tenke will be required to pay the Break Fee to Lundin Mining. Where the Tenke Board proposes to exercise its rights as the result of certain corporate actions that have been taken or are proposed to be taken by Lundin Mining after the date of the Business Combination Agreement and the Tenke Board includes a statement to that effect in any notice given to Lundin Mining as aforesaid, then no Break Fee will be payable in the event Lundin Mining terminates the Business Combination Agreement due to such change in recommendation by Tenke.

Payment of Termination Fee by Lundin Mining

In the event that the Business Combination Agreement is terminated by Lundin Mining or Tenke because Lundin Shareholders do not approve the Lundin Resolution at the Lundin Meeting, Lundin Mining shall pay to Tenke within five Business Days after such termination the amount of CDN$3 million to compensate Tenke for the termination of its rights under the Business Combination Agreement.

Termination of Business Combination Agreement

The Business Combination Agreement may be terminated at any time prior to the Effective Date, in the circumstances specified in the Business Combination Agreement, including:

- by mutual written consent of Tenke and Lundin Mining;

- by Lundin Mining or Tenke if there has been a breach of any of the representations, warranties, covenants and agreements on the part of the other set forth in the Business Combination Agreement, which breach has or is likely to result in the failure of the conditions set forth in the Business Combination Agreement to be satisfied and in each case has not been cured within 10 Business Days following receipt by the breaching party of notice of such breach from the non-breaching party;

- by either Lundin Mining or Tenke if any permanent order, decree, ruling or other action of a court or other competent authority restraining, enjoining or otherwise preventing the consummation of the Arrangement shall have become final and non-appealable;

- by Lundin Mining if:

    (a) Tenke or the Tenke Board, or any committee thereof, withdraws or modifies in a manner adverse to Lundin Mining, its approval of the Business Combination Agreement or its recommendation that the Tenke Shareholders vote in favour of the Arrangement Resolution or approves or recommends a Competing Proposal or resolves to do any of the foregoing; or

    (b) Tenke or any of its affiliates shall have entered into a transaction agreement to effect a Competing Proposal; or

(c) the Arrangement is not approved by the Tenke Shareholders in accordance with the Interim Order; or

(d) the Lundin Resolution is not approved by the Lundin Shareholders in the Lundin Meeting.

- by Tenke if:

  (a) Lundin Mining or the Lundin Board or any committee thereof withdraws its approval of the Business Combination Agreement or its recommendation that the Lundin Shareholders vote in favour of the Lundin Resolution, or resolve to do so; or

  (b) the Lundin Resolution is not approved by the Lundin Shareholders;

- by Tenke if Tenke or any Tenke Group Member enters into an agreement to effect a Competing Proposal, provided that Tenke concurrently pays Lundin Mining the Break Fee;

- by Tenke if: (i) Lundin Mining amends the terms of its offer for all of the shares and warrants of Rio Narcea by increasing or changing the form of the consideration payable thereunder; and (ii) the Tenke Board determines, in good faith, that if the offer for all of the shares and warrants of Rio Narcea is completed on such amended terms, completing the Arrangement will no longer be in the best interests of Tenke or is no longer fair, from a financial point of view, to the Tenke Shareholders;

- by Tenke or Lundin Mining if the Lundin Resolution is not approved by the Lundin Shareholders at the Lundin Meeting provided that, in the case of a termination by Lundin Mining, Lundin Mining pays a CDN$3 million termination fee concurrent with such termination;

- by Lundin Mining if any of the Tenke Lock Up Agreements have been terminated or otherwise breached in any material manner by any of the locked up Tenke Shareholders, such that it is clear that as a result of such breach or termination such locked up Tenke Shareholder will not vote all of its Tenke Shares in favour of the Arrangement Resolution;

- by Tenke if any of the Lundin Lock Up Agreements have been terminated or otherwise breached in any material manner by any of the locked up Lundin Shareholders, such that it is clear that as a result of such breach or termination such locked up Lundin Shareholder will not vote all of its Lundin Shares in favour of the Lundin Resolution;

- by Lundin Mining or Tenke if the Arrangement is not completed by the Termination Date provided that the party then seeking to terminate the Business Combination Agreement is not then in default of any of its obligations thereunder; or

- by Lundin Mining if Tenke has breached the provisions relating to a Competing Proposal and a Tenke Superior Proposal.

The above is a summary of the termination provisions of the Business Combination Agreement and Tenke Shareholders should refer to the Business Combination Agreement which is filed at www.sedar.com for the specific terms.

Break Fee

Tenke is required to pay the Break Fee to Lundin Mining within five Business Days after the Business Combination Agreement is terminated:

- by Tenke as a result of entering into an agreement to complete a Competing Proposal;

- by Lundin Mining if Tenke or the Tenke Board withdraws or modifies in a manner adverse to Lundin Mining its approval of the Business Combination Agreement or its recommendation that Tenke Shareholders vote in favour of the Arrangement Resolution or approves a Competing Proposal, except where such change of recommendation is as a result of certain corporate actions (such as the entry into a material transaction including the sale of material asserts, the incurrence of material debt, any material investment, a change in its corporate structure or change in accounting principles) taken by Lundin Mining and Tenke has delivered a notice to that effect to Lundin Mining;

- by Lundin Mining because Tenke or any of its affiliates have entered into an agreement to effect a Competing Proposal; or

- by Lundin Mining if Tenke has breached the provisions of the Business Combination Agreement relating to a Competing Proposal and/or a Tenke Superior Proposal and provided that Lundin Mining is not in any material respect in default in the performance of its obligations under the Agreement.

The above is a summary of the provisions of the Business Combination Agreement relating to non-solicitation and the Break Fee. The Break Fee may become payable by Tenke in certain other circumstances and Tenke Shareholders should refer to "Additional Terms of the Business Combination Agreement - Non-Solicitation of Acquisition Proposals and Break Fee" in this Information Circular and to the Business Combination Agreement which is filed at www.sedar.com.

Exchange of Certificates and Fractional Shares

A letter of transmittal containing instructions with respect to the deposit of certificates for Tenke Shares with the Depositary at its principal office in Toronto, Ontario is enclosed herewith for use in exchanging their Tenke Share certificates for certificates representing Lundin Shares and cash and Suramina Shares promptly after the Effective Date. Upon return of a properly completed letter of transmittal, together with certificates representing Tenke Shares and such other documents as the Depositary may require, certificates for the appropriate number of Lundin Shares and cash and certificates for the appropriate number of Suramina Shares will be distributed.

No fractional Lundin Shares will be issued to Tenke Shareholders. Tenke Shareholders will receive cash in lieu of a fractional share of Lundin Mining based on one whole Lundin Share being valued at CDN$14.88, the closing price of the Lundin Shares on April 10, 2007, the reference date of the Business Combination Agreement.

Cancellation of Rights after Six Years

Any certificate which immediately prior to the Effective Date represented outstanding Tenke Shares and which has not been surrendered, with all other instruments required by the Plan of Arrangement on or prior to the sixth anniversary of the Effective Date, will cease to represent any claim against or interest of any kind or nature in Tenke, Lundin Mining, Suramina or the Depositary. **Accordingly, persons who tender certificates for Tenke Shares after this sixth anniversary will not receive Lundin Shares and cash or Suramina Shares, will not own any interest in Tenke, Lundin Mining or Suramina and will not be paid any cash or other compensation.**

Treatment of Dividends

No dividends or other distributions declared or made after the Effective Date with respect to Lundin Shares or Suramina Shares, with a record date after the Effective Date, will be payable or paid to the holder of any unsurrendered certificates for Tenke Shares and will not be payable until the surrender of certificates for Tenke Shares for exchange for Lundin Shares and cash and Suramina Shares in accordance with the terms of the Plan of Arrangement.

Rights of Dissent

Tenke Shareholders have Dissent Rights with respect to the proposed Arrangement and to be paid the fair value of their Tenke Shares upon strict compliance with the provisions of applicable law. See "Rights of Dissenting Shareholders". It is a condition of the Arrangement that Dissent Rights shall not have been exercised in the aggregate for more than 5% of the outstanding Tenke Shares.

Income Tax Considerations

Holders of Tenke Shares should consult their own tax advisors about the applicable Canadian, United States or federal, provincial, state and local tax consequences of the Arrangement.

Canadian Federal Income Tax Considerations

A beneficial owner of Tenke Shares who holds such shares as "capital property" (as defined in the ITA) will generally realize a capital gain on the exchange of Tenke Class B Shares for Tenke Class A Shares and Suramina Shares to the extent that the fair market value of the Suramina Shares received by the owner exceeds the adjusted cost base of the owner's Tenke Shares.

On the subsequent exchange of Tenke Class A Shares for Lundin Shares and cash, the owner will realize a capital gain (or a capital loss) equal to the amount by which the aggregate fair market value of the Lundin Shares and cash received by the owner exceeds (or is less than) the adjusted cost base of the owner's Tenke Class A Shares and any reasonable costs of disposition. Eligible Holders may file a joint election with Lundin pursuant to Section 85 of the ITA for the purpose of causing the disposition of their Tenke Class A Shares pursuant to the Arrangement to occur on a tax-deferred basis.

Non-resident owners of Tenke Shares will generally not be taxable in Canada with respect to the disposition of Tenke Class B Shares and Tenke Class A Shares pursuant to the Arrangement so long as such shares do not constitute "taxable Canadian property" as defined in the ITA.

A summary of the principal Canadian federal income tax considerations in respect of the proposed Arrangement and the procedure for filing a joint election pursuant to Section 85 of the ITA is included

under "Canadian Federal Income Tax Considerations" and the foregoing is qualified in full by the information in such section.

For U.S. federal income tax purposes, the tax treatment of the Arrangement depends on whether the exchange of Tenke Shares for Tenke Shares and Suramina Shares and the exchange of Tenke Shares for Lundin Shares and cash, treated as part of an integrated transaction, qualifies as a tax-free distribution of Suramina Shares and a tax-free merger of Lundin Mining and Tenke. The tax treatment of the Arrangement is also subject to the passive foreign investment company rules of Sections 1291-1298 of the Code. No U.S. federal tax opinion is being delivered in connection with the Arrangement. See "United States Federal Income Tax Considerations" in this Information Circular. Tenke Shareholders are urged to consult their tax advisers to determine the tax consequences particular to them.

A summary of the material U.S. federal income tax considerations in respect of the proposed Arrangement is included under "The Arrangement - United States Federal Income Tax Considerations" and the foregoing is qualified in full by the information in such section.

Tenke Shareholders should carefully review the tax considerations described in this Information Circular and are urged to consult their own tax advisors in regard to their particular circumstances. See "Canadian Federal Income Tax Considerations" and "United States Federal Income Tax Considerations" in this Information Circular, for discussions of Canadian income tax considerations and United States income tax considerations.

Securities Laws Information for Canadian Shareholders

The issuances of the Lundin Shares and the Suramina Shares pursuant to the Arrangement will be exempt from the registration and prospectus requirements of Canadian Securities Legislation. The Lundin Shares and the Suramina Shares may be resold in each of the provinces and territories of Canada, without significant restriction, provided the trade is not a "control distribution" as defined in the applicable Canadian Securities Legislation, no unusual effort is made to prepare the market or create a demand for those securities and no extraordinary commission or consideration is paid in respect of that sale.

Upon completion of the Arrangement, Suramina will be a reporting issuer in British Columbia, Alberta, Saskatchewan, Ontario and Quebec. Application will be made to list the Suramina Shares on the TSX. Any listing will be subject to meeting the TSX original listing requirements and there is no assurance such a listing will be obtained. The Suramina Shares will not be registered with the SEC and will not be listed for trading on a stock exchange in the United States.

See "Securities Laws Considerations - Canadian Securities Laws".

Securities Laws Information for United States Shareholders

The Lundin Shares and the Suramina Shares to be issued to Tenke Shareholders pursuant to the Arrangement will not be registered under the U.S. Securities Act or the securities laws of any state of the United States and will each be issued in reliance upon the exemption from registration provided by section 3(a)(10) of the U.S. Securities Act. Applicability of restrictions on resale of shares imposed by the U.S. Securities Act will depend on whether the holder of the Lundin Shares and the Suramina Shares issued pursuant to the Arrangement was an "affiliate" of Tenke before the Arrangement or is an "affiliate" of Lundin Mining or of Suramina after the Arrangement. As defined in Rule 144 under the U.S. Securities Act, an "affiliate" of an issuer is a person that directly, or indirectly through one or more intermediaries, controls, or is controlled by, or is under common control with, such issuer. See "Securities Laws Considerations - U.S. Securities Laws".

Summary Financial Information

Tenke selected financial information:

Reference is made to the audited consolidated financial statements of Tenke as at and for the years ended December 31, 2006, 2005 and 2004, together with the notes thereto. A summary of that information is set out below:

In US$	Year ended December 31, 2006	Year ended December 31, 2005	Year ended December 31, 2004
Statement of Operations Data ($000's)			
Total Revenue	$ -	$ -	$ -
Net Loss	$ (5,696)	$ (2,700)	$ (2,164)
Data per Common Share ($)			
Basic and Diluted Net Loss	$ (0.10)	$ (0.06)	$ (0.05)
Balance Sheet Data ($000's)			
Cash and cash equivalents	$94,449	$12,173	$5,750
Total Assets	$213,940	$127,520	$114,696
Long Term Liabilities	$ -	$ -	$ -
Shareholders' equity	$212,747	$125,084	$114,199

Reference is made to the unaudited interim consolidated financial statements of Tenke as at March 31, 2007 and March 31, 2006 and for the three months ended March 31, 2007 and 2006, together with the notes thereto, which is incorporated by reference in this Information Circular. A summary of that information is set out below:

In US$	Three months ended March 31, 2007 (Unaudited)	Three months ended March 31, 2006 (Unaudited)
Statement of Operations Data ($000's)		
Total Revenue	$ -	$ -
Net Loss	$ (295)	$ (1,720)
Data per Common Share ($)		
Basic and Diluted Net Loss	$ (0.00)	$ (0.03)

	March 31, 2007 (Unaudited)
Balance Sheet Data ($000's)	
Cash and cash equivalents	$ 94,275
Total Assets	$ 217,497
Long Term Liabilities	$ -
Shareholders' equity	$ 216,466

Management's Discussion and Analysis of Financial Condition and Results of Operations

Reference is made to management's discussion and analysis of financial condition and results of operations for the unaudited interim consolidated statements of Tenke as at and for the three months ended March 31, 2007 and for the audited financial statements of Tenke as at and for the years ended December 31, 2006, 2005 and 2004, together with the notes thereto.

Risk Factors

There are risks associated with the completion of the Arrangement. These risks include: (i) market reaction to the Arrangement and the future trading prices of the Lundin Shares and of the Suramina Shares, if listed, cannot be predicted; (ii) the Arrangement may give rise to significant adverse tax consequences to Tenke Shareholders, particularly as to the possible taxable treatment for U.S. income tax purposes of the transactions contemplated under the Arrangement as discussed under "United States Income Tax Considerations", and each Tenke Shareholder is urged to consult his own tax advisor; (iii) uncertainty as to whether the Arrangement will have a positive impact on the business of the entities involved in the transactions; and (iv) there is no assurance that required approvals will be received or that the Suramina Shares will be listed on a stock exchange. Until the Arrangement is completed, the price of the Tenke Shares may be capped at or near the value contemplated by the Arrangement to the extent that there is a market assumption that the Arrangement will be completed. Additionally, in certain circumstances set out under "The Business Combination Agreement – Non-Solicitation of Competing Proposals and Break Fee". Tenke may be required to pay the Break Fee to Lundin Mining, which, if an alternative transaction is not concluded, will adversely affect Tenke's financial condition. If the Business Combination Agreement is terminated and the Tenke Board decides to seek another merger or business combination, there can be no assurance that it will be able to find a party willing to pay an equivalent or more attractive price than the purchase price to be paid pursuant to the Arrangement with Lundin Mining. Implementing the Arrangement will require the devotion of significant management time and attention, which will have to be diverted from the existing business of Tenke and which could have an adverse impact on Tenke if the Arrangement is not approved. Under the Business Combination Agreement, Tenke would be required to pay the Break Fee in the event that the Business Combination Agreement is terminated in certain circumstances. The Break Fee, together with Lundin Mining's right to match a Tenke Superior Proposal, may discourage other parties from attempting to acquire the Tenke Shares even if those parties might be willing to offer greater value than Lundin Mining has offered under the Business Combination Agreement.

An investment in a natural resource issuer involves a significant degree of risk. The Lundin Shares are subject to a number of risks and the Suramina Shares to be issued to the Tenke Shareholders pursuant to the Arrangement are speculative and subject to a number of risks.

Holders of Tenke Shares should review carefully the risk factors set forth under "The Arrangement - Risk Factors" in this Information Circular, under "Risk Factors" in the Tenke Annual Information Form dated March 20, 2007, under "Risk Factors" in the Lundin Annual Information Form dated March 31, 2007, and under "Suramina - Risk Factors" in the Joint Disclosure Booklet.

TENKE MINING CORP.
Suite 2101, 885 W. Georgia Street
Vancouver, British Columbia V6C 3E8

INFORMATION CIRCULAR

(As at May 18, 2007, and in Canadian dollars, except as indicated)

GENERAL PROXY INFORMATION

Solicitation of Proxies

This Information Circular is furnished in connection with the solicitation of proxies by management of Tenke for use at the Meeting and any adjournments thereof.

Tenke will conduct its solicitations by mail and officers and employees of Tenke may, without receiving special compensation, also telephone or make other personal contact. Tenke will pay its costs of solicitation. It is contemplated that Tenke will retain, and pay a fee to Georgeson to solicit proxies from Tenke Shareholders. Georgeson has been retained to solicit proxies personally or by mail, telephone, facsimilie, or telegram for a fee of up to CDN$80,000 plus CDN$6.00 per call with retail Tenke Shareholders plus expenses. The cost of this solicitation will be paid by Tenke.

Tenke Shareholders will be asked to consider and to pass, with or without variation, the Arrangement Resolution which is a Special Resolution approving the Arrangement under section 192 of the CBCA between Tenke and the Tenke Shareholders, Lundin Mining and Suramina.

Appointment of Proxyholder

The purpose of a proxy is to designate persons who will vote the proxy on a Tenke Shareholder's behalf in accordance with the instructions given by the Tenke Shareholder in the proxy. The persons whose names are printed in the enclosed form of proxy are officers or directors of Tenke (the "**Management Proxyholders**").

A Tenke Shareholder has the right to appoint a person, other than a Management Proxyholder, to represent the Tenke Shareholder at the Meeting by striking out the names of the Management Proxyholders and by inserting the desired person's name in the blank space provided or by executing a proxy in a form similar to the enclosed form. A proxyholder need not be a Tenke Shareholder.

Voting By Proxy

Only registered Tenke Shareholders or duly appointed proxyholders are permitted to vote at the Meeting. Tenke Shares represented by a properly executed proxy will be voted or be withheld from voting on each matter referred to in the Notice of Meeting accompanying this Information Circular in accordance with the instructions of the Tenke Shareholder on any ballot that may be called for and if the Tenke Shareholder specifies a choice with respect to any matter to be acted upon, the Tenke Shares will be voted accordingly.

If a Tenke Shareholder does not specify a choice and the Tenke Shareholder has appointed one of the Management Proxyholders as proxyholder, the Management Proxyholder will vote in favour of

the matters specified in the Notice of Meeting and in favour of all other matters proposed by management at the Meeting including the Arrangement Resolution.

The enclosed form of proxy also gives discretionary authority to the persons named therein as proxyholders with respect to amendments or variations to matters identified in the Notice of Meeting and with respect to other matters which may properly come before the Meeting. At the date of this Information Circular, management of Tenke know of no such amendments, variations or other matters to come before the Meeting.

Completion And Return Of Proxy

Each proxy must be dated and signed by the Tenke Shareholder or his/her attorney authorized in writing. In case of a corporation, the proxy must be dated and executed under its corporate seal or signed by a duly authorized officer or attorney for the corporation.

Completed forms of proxy for Tenke must be deposited at the office of its registrar and transfer agent, Computershare Investor Services Inc. at 100 University Avenue, 9th Floor, Toronto, Ontario M5J 2Y1, not later than 48 hours, excluding Saturdays, Sundays and holidays, prior to the time of the Meeting, unless the chairman of the Meeting elects to exercise his discretion to accept proxies received subsequently.

Non-Registered Holders

Only registered holders of Tenke Shares, or the persons they appoint as their proxies, are permitted to attend and vote at the Meeting. However, in many cases, Tenke Shares beneficially owned by a holder (a "**Non-Registered Holder**") are registered either:

(a) in the name of an intermediary that the Non-Registered Holder deals with in respect of the Tenke Shares. Intermediaries include banks, trust companies, securities dealers or brokers, and trustees or administrators of self-administered RRSPs, RRIFs, RESPs and similar plans; or

(b) in the name of a depository (such as The Canadian Depository for Securities Limited or "**CDS**").

In accordance with Canadian securities law, Tenke has distributed copies of the notice of meeting, this Information Circular and the form of Proxy (collectively, the "**Meeting Materials**") to CDS and intermediaries for onward distribution to Non-Registered Holders.

Intermediaries are required to forward the Meeting Materials to Non-Registered Holders unless a Non-Registered Holder has waived the right to receive them. Typically, intermediaries will use a service company to forward the meeting materials to Non-Registered Holders.

Non-Registered Holders will receive either a voting instruction form or, less frequently, a form of proxy. The purpose of these forms is to permit Non-Registered Holders to direct the voting of the shares they beneficially own. Non-Registered Holders should follow the procedures set out below, depending on which type of form they receive.

A. Voting Instruction Form. In most cases, a Non-Registered Holder will receive, as part of the Meeting Materials, a voting instruction form. If the Non-Registered Holder does not wish to attend and vote at the Meeting in person (or have another person attend and vote on the Holder's behalf), the voting instruction form must be completed, signed and returned in accordance with the directions on the form. If a Non-Registered Holder wishes to attend and vote at the Meeting

in person (or have another person attend and vote on the Holder's behalf), the Non-Registered Holder must complete, sign and return the voting instruction form in accordance with the directions provided and a form of proxy, giving the right to attend and vote, will be forwarded to the Non-Registered Holder.

or

B. Form of Proxy. Less frequently, a Non-Registered Holder will receive, as part of the Meeting Materials, a form of proxy that has already been signed by the intermediary (typically by a facsimile, stamped signature) which is restricted as to the number of shares beneficially owned by the Non-Registered Holder but which is otherwise uncompleted. If the Non-Registered Holder does not wish to attend and vote at the Meeting in person (or have another person attend and vote on the Non-Registered Holder's behalf), the Non-Registered Holder must complete the form of proxy and deposit it with Tenke, c/o its agent, Computershare, as described above. If a Non-Registered Holder wishes to attend and vote at the Meeting in person (or have another person attend and vote on the Holder's behalf), the Non-Registered Holder must strike out the names of the persons named in the proxy and insert the Non-Registered Holder's (or such other person's) name in the blank space provided.

Non-Registered Holders should follow the instructions on the forms they receive and contact their broker or intermediaries promptly if they need assistance.

In accordance with securities regulatory policy, Tenke has distributed copies of its Meeting Materials, being the Notice of Meeting and Proxy, and this Information Circular and the Joint Disclosure Booklet to the Nominees for distribution to non-registered holders.

Nominees are required to forward the Meeting Materials to non-registered holders to seek their voting instructions in advance of the Meeting. Tenke Shares held by Nominees can only be voted in accordance with the instructions of the Non-Registered Holder. The Nominees often have their own form of proxy, mailing procedures and provide their own return instructions. If you wish to vote by proxy, you should carefully follow the instructions from the Nominee in order to ensure that your Tenke Shares are voted at the Meeting.

If you, as a Non-Registered Holder, wish to vote at the Meeting in person, you should appoint yourself as proxyholder by writing your name in the space provided on the request for voting instructions or proxy provided by the Nominee and return the form to the Nominee in the envelope provided.

In addition, Canadian securities legislation now permits Tenke to forward Meeting Materials directly to "non objecting beneficial owners". If either Tenke or its agent has sent these materials directly to you (instead of through a Nominee), your name and address and information about your holdings of securities have been obtained in accordance with applicable securities regulatory requirements from the Nominee holding on your behalf. By choosing to send these materials to you directly, Tenke (and not the Nominee holding on your behalf) has assumed responsibility for: (i) delivering these materials to you; and (ii) executing your proper voting instructions. Please return your voting instructions as specified in the Request for Voting Instructions.

Revocability Of Proxy

Any Registered Tenke Holder who has returned a proxy may revoke it at any time before it has been exercised. In addition to revocation in any other manner permitted by law, a Registered Tenke Holder, his attorney authorized in writing or, if the Registered Tenke Holder is a corporation, a corporation under its corporate seal or by an officer or attorney thereof duly authorized, may revoke a proxy by instrument in writing, including a proxy bearing a later date. The instrument revoking the proxy must be deposited at the registered office of Tenke at any time up to and including the last business day preceding the date of the Meeting, or any adjournment thereof, or with the chairman of the Meeting on the day of the Meeting. **Only Registered Tenke Holders have the right to revoke a proxy. Non-Registered Holders who wish to change their vote must, at least seven days before the Meeting, arrange for their Nominees to revoke the proxy on their behalf.**

Record Date And Voting Of Shares

Tenke has set May 8, 2007, as the record date for the Meeting. Only Tenke Shareholders of record as at that date are entitled to receive notice of and to vote at the Meeting.

Tenke is authorized to issue an unlimited number of common shares without par value, of which 60,199,829 Tenke Shares were issued and outstanding as of the close of business on May 8, 2007. Each issued and outstanding Tenke Share confers upon its holder the right to one vote.

Principal Holders Of Voting Securities

To the knowledge of the directors and the officers of Tenke, at the date hereof, the only persons that hold, directly or indirectly, or have control or direction over more than 10% of the outstanding Tenke Shares are as follows:

Name and Address	Number of Shares	Percentage
Estate of Mr. Adolf H. Lundin[(1)]	11,619,436	19.3%

(1) These shares are held by Ellegrove Capital Ltd. ("**Ellegrove**"), as to 8,377,636 common shares, Abalone Capital Ltd. ("**Abalone**"), as to 1,000,000 common shares, Lorito Holdings Limited ("**Lorito**"), as to 1,000,000 common shares, and Zebra Holdings and Investments Limited ("**Zebra**"), as to 1,241,800 common shares. Ellegrove, Abalone, Zebra and Lorito are private corporations owned by a trust whose settler is the late Adolf H. Lundin.

Interest Of Certain Persons In Matters To Be Acted Upon

None of the directors or executive officers of Tenke, nor any person who has held such a position at any time since the beginning of the last completed financial year of Tenke, nor any associate or affiliate of the foregoing persons, has any material interest, direct or indirect, by way of beneficial ownership of securities or otherwise, in any matter to be acted on at the Meeting other than the approval of the Arrangement, including the exchange of the Tenke Stock Options for Lundin New Options and the amendment to the terms of the Tenke Stock Option Plan, as more particularly described herein.

Indebtedness of Directors and Officers

None of the current or former directors or executive officers of Tenke or its subsidiaries, and none of the associates of such persons is or has been indebted to Tenke at any time since the beginning of Tenke's last completed financial year. Furthermore, none of such persons were indebted to a third party during such period where their indebtedness was the subject of a guarantee, support agreement, letter of credit or other similar arrangement or understanding provided by Tenke.

Management Contracts

No management functions of Tenke or any of its subsidiaries are performed to any substantial degree by a person other than the directors or executive officers of Tenke.

Interest of Informed Persons in Material Transactions

None of the directors or executive officers of Tenke, nor any person who beneficially owns, directly or indirectly, Tenke Shares or who exercises control or direction over Tenke Shares carrying more than 10% of the voting rights attached to all outstanding Tenke Shares, nor any associate or affiliate of the foregoing persons has any material interest, direct or indirect, in any transaction since the commencement of Tenke's last completed financial year or in any proposed transaction not otherwise disclosed herein which, in either case, has affected or will materially affect Tenke.

THE ARRANGEMENT

APPROVAL OF ARRANGEMENT RESOLUTION

At the Meeting, Tenke Shareholders will be asked to approve the Arrangement Resolution, substantially in the form set out in Schedule "A". For details of the Arrangement, see below.

BACKGROUND TO THE ARRANGEMENT

The provisions of the Business Combination Agreement are the result of arm's length negotiations conducted among representatives of Tenke and Lundin Mining and their respective legal and financial advisors. The following is a summary of the background to the execution of the Business Combination Agreement.

In December 2005, preliminary discussions between Tenke and Lundin Mining took place for consideration of a business combination between Tenke and Lundin Mining. Independent committees were formed by both companies, and financial advisors retained shortly thereafter. Full due diligence, including visits to Lundin Mining's Zinkgruvan and Galmoy mines, was significantly advanced, but discussions ended in March 2006 at Lundin Mining's request when Lundin Mining decided to put a priority on the acquisition of EuroZinc Mining Corporation ("**EuroZinc**") instead.

Upon successful completion of the transaction involving Lundin Mining and EuroZinc and after integration of EuroZinc's staff and assets had significantly progressed, Lundin Mining management indicated in early January 2007 that it wished to proceed with a possible business combination with Tenke. Management of Tenke recommenced discussions with Lundin Mining and, in preparation of a Tenke Board discussion, requested that legal counsel to Tenke provide the Tenke Board with a memorandum discussing some of the structural options, securities laws, tax issues and timing of a possible transaction.

On January 31, 2007, Tenke and Lundin Mining entered into a confidentiality agreement and began to exchange confidential, non-public information regarding their respective businesses.

On February 16, 2007, the Tenke Board formed the Tenke Independent Committee, comprised of independent directors, to consider and discuss a potential transfer by Tenke of its South American Assets to a newly incorporated subsidiary and a business combination of Tenke and Lundin Mining. The Tenke Independent Committee is comprised of Lee A. Graber and Mats Carlsson. Neither of these individuals is a director and/or officer of Lundin Mining.

Between February 16, 2007 and April 10, 2007, the Tenke Independent Committee met formally on five occasions to review and discuss the terms and merits of the proposed transaction with Lundin Mining (including the financial analysis being undertaken by Dundee Securities) and the proposed Business Combination Agreement and the Lundin Lock-Up Agreements and to review and discuss the due diligence review of Lundin Mining. In addition, members of the Tenke Independent Committee met with management and its legal counsel and Dundee Securities on a number of further occasions to receive updates on the progress of negotiations, the status of the financial analysis and the progress of due diligence. Between such meetings, members of the Tenke Independent Committee provided management with guidance and instructions on matters relating to the proposed transaction with Lundin Mining. The Tenke Independent Committee received advice from its legal counsel as to the legal duties and responsibilities of the Tenke Independent Committee in the context of the proposed transaction.

On February 19, 2007, the Tenke Independent Committee authorized the retention of DuMoulin Black LLP to act as legal advisor to the Tenke Independent Committee, of PricewaterhouseCoopers LLP to act as advisors to the Tenke Independent Committee to assist the Tenke Independent Committee in carrying out its financial due diligence of Lundin Mining and of Dundee Securities to act as financial advisor. Dundee Securities was engaged by the Tenke Independent Committee pursuant to an engagement agreement dated February 28, 2007 as amended on April 4, 2007 (the "**Dundee Engagement Agreement**") to render to the Tenke Independent Committee an opinion as to the fairness of the Arrangement, from a financial point of view, to the Tenke Minority Shareholders.

In late February 2007, Tenke commenced due diligence investigations of the property and business of Lundin Mining.

On or about April 10, 2007, Tenke management and the Tenke Board, with the assistance of legal counsel for Tenke, together with the Tenke Independent Committee, with the assistance of its legal counsel, settled the terms of the Business Combination Agreement with Lundin Mining, Suramina and Tenke.

On April 10, 2007, the Tenke Independent Committee received the oral opinion of Dundee Securities to the effect that, as of April 10, 2007, based on and subject to various assumptions, matters considered and limitations, the Arrangement was fair, from a financial point of view to the Tenke Minority Shareholders. Following discussion and consideration of a variety of factors, including without limitation, the opinion of Dundee Securities, the results of due diligence and the terms of the Business Combination Agreement, the Tenke Independent Committee resolved to recommend the proposed transaction to the Tenke Board on certain terms.

On April 10, 2007, the Tenke Board met to receive the report of the Tenke Independent Committee and to review the definitive Business Combination Agreement. Following a presentation of the Tenke Independent Committee and delivery of the oral opinion by Dundee Securities that the Arrangement is fair, from a financial point of view, to the Tenke Minority Shareholders, the Tenke Board, with Messrs.

Rand, Craig and Lundin abstaining, authorized Tenke to enter into the Business Combination Agreement, the final version of which was executed on April 10, 2007.

On February 21, 2007, the Lundin Board formed the Lundin Independent Committee, comprised of independent directors, to consider a business combination of Tenke (after the transfer of the South American Assets and US$5 million in cash) and Lundin Mining. The Lundin Independent Committee is comprised of Brian Edgar, David Mullen and Tony O'Reilly. The Lundin Independent Committee appointed Mr. Edgar as Chairman. None of these individuals is a director and/or officer of Tenke or owns any Tenke Shares.

On February 21, 2007, the Lundin Independent Committee retained Blake Cassels & Graydon LLP to act as legal advisors to the Lundin Independent Committee and on February 23, 2007 engaged GMP Securities to render an opinion as to fairness, from a financial point of view, to Lundin Shareholders of the Arrangement. In retaining GMP, the Lundin Independent Committee concluded, based in part on representations made by GMP, that GMP was independent of Tenke and was qualified to provide a fairness opinion with respect to the Arrangement.

Between March 27, 2007 and April 10, 2007, the Lundin Independent Committee met formally on four occasions with, when appropriate, its legal and financial advisors, to review and discuss the terms and merits of the proposed business combination, including the financial analysis being undertaken by GMP, and the draft Business Combination Agreement. In addition, members of the Lundin Independent Committee met with management and its financial advisor on several further occasions to receive updates on the progress of negotiations, the status of the financial analysis and the progress of due diligence. During such meetings the members of the Lundin Independent Committee provided management with guidance and instructions on matters relating to the Arrangement.

In its meeting of March 27, 2007, the Lundin Independent Committee discussed its mandate generally and received a presentation from legal counsel as to the legal duties and responsibilities of the Lundin Independent Committee. The Lundin Independent Committee also ratified the appointment of GMP and received an initial presentation from GMP.

On March 29, 2007 the Lundin Independent Committee reviewed a presentation that had been received by management which outlined the critical terms of the Arrangement. The Lundin Independent Committee also discussed the previous presentation by GMP. At such meeting the Lundin Independent Committee, based on the advice provided to such date by GMP and after consultation with its legal advisors and a thorough review of other matters, concluded that it would recommend to the Lundin Board that management be authorized to continue to negotiate the Arrangement on the terms presented by management.

Between March 29, 2007 and April 5, 2007 members of the Lundin Independent Committee reviewed the proposed terms of the Business Combination Agreement and received updates on the progress of the negotiations.

On April 5, 2007 the terms of the Business Combination Agreement were discussed further by the Lundin Independent Committee. The Lundin Independent Committee was informed that legal and technical due diligence had been completed satisfactorily. GMP provided an update on its financial presentation at such meeting following which a discussion ensued. At such meeting the Lundin Independent Committee concluded that discussions should continue.

At a meeting of the Lundin Independent Committee held on April 10, 2007, the Lundin Independent Committee received advice from its financial and legal advisors on the terms of the Business

Combination Agreement. At such meeting GMP confirmed orally the GMP Fairness Opinion. The Lundin Independent Committee unanimously resolved to accept the GMP Fairness Opinion and determined that the terms of the Arrangement are fair from a financial point of view to, and in the best interests of, the Lundin Shareholders. The Lundin Independent Committee further concluded that it would recommend that the Lundin Board approve the Business Combination Agreement and recommend that the Lundin Shareholders vote in favour of the Lundin Resolution.

On April 10, 2007, the Lundin Board met to receive the report of the Lundin Independent Committee, to receive the GMP Fairness Opinion and to review the definitive Business Combination Agreement. Following a presentation of the Lundin Independent Committee and delivery of the written GMP Fairness Opinion, the Lundin Board, with Messrs. Lundin, Craig and Rand abstaining, authorized Lundin Mining to enter into the Business Combination Agreement, the final version of which was executed on April 10, 2007.

Reasons for the Arrangement and Recommendation of the Directors

After careful consideration, the Tenke Board has unanimously (other than those directors who abstained from voting) determined that the Arrangement is fair to Tenke Shareholders and is in the best interests of Tenke. Accordingly, the Tenke Board unanimously recommends that Tenke Shareholders vote FOR the Arrangement Resolution and, therefore, the acquisition of Tenke (net of the South American Assets and US$5 million in cash) by Lundin Mining and the creation of Suramina. In the course of its evaluation of the Arrangement, the Tenke Board consulted with the Tenke Independent Committee, Tenke's senior management, legal counsel and Dundee Securities, reviewed a significant amount of information and considered a number of factors, including, among others, the following:

- Lundin Mining has offered a premium to the Tenke Share price immediately prior to the announcement of the Arrangement. The terms of the Arrangement provide a premium of approximately 31.2% to the Tenke Share price based on the respective volume-weighted average share prices of both Tenke and Lundin Mining on the TSX and the other exchanges on which such shares trade for the 20 trading days preceding the announcement of the transaction.

- Lundin Mining is an established, leading, intermediate base metals producer and as a result, the Tenke Shareholders will no longer be subject to many of the normal development risks that a junior company developing a mine would be subject to, including the potential dilution that would result from additional equity financing activities that may be necessary if Tenke was to maintain a direct interest in the mine itself and the potentially unfavourable terms that may be associated with a debt financing.

- Tenke Shareholders will participate in a leading company which has four operating mines in Portugal, Sweden and Ireland, a fifth mine under development in Portugal and an interest in one of the world's largest zinc projects in the Russian Federation and, potentially, an interest in a producing mine in Spain. Accordingly, Tenke Shareholders will gain exposure to Lundin Mining's mining and exploration projects.

- Tenke Shareholders will continue to participate in any increase in value in the Tenke Fungurume project by holding Lundin Shares. Tenke Shareholders will hold approximately 26.67% (26.75% on a fully diluted basis based on the issued capital and outstanding options of Tenke and Lundin Mining on May 18, 2007) of Lundin Mining on completion of the Arrangement.

- In respect of the Tenke Fungurume project, Tenke Shareholders will benefit from the technical,

financial and administrative depth of Lundin Mining, which will assist in debt financing negotiations and the development of the Tenke Fungurume project.

- Mine development and construction is risky and uncertain. Lundin Mining's larger and substantial financial, management and other resources to allow it to better deal with Tenke's joint venture partner in the development of the Tenke Fungurume project. Without the combination with Lundin Mining, during the entire period of development and construction, Tenke would have no revenues and would depend entirely on the proceeds raised from debt or equity financings which may or may not be available at reasonable terms, if at all. Lundin Mining has put a mine into production and is in the process of expanding and developing others and this experience would be of value to Tenke. Lundin Mining also has substantial current cashflows from operations to sustain the company.

- Tenke Shareholders will further benefit through the receipt of Suramina Shares in connection with the spinout of Tenke's South American Assets, which will provide a new opportunity for enhanced market exposure for Tenke's South American Assets and potential to unlock unrealized value for such assets under the direction of a recognized and successful exploration team.

- None of the other possible alternatives to the Lundin Mining offer were considered reasonably likely to present superior opportunities for Tenke or reasonably likely to create greater value for Tenke Shareholders than the Lundin Mining offer.

- The terms and conditions of the Business Combination Agreement include the ability of the Tenke Board under certain circumstances to respond to unsolicited Competing Proposals and to furnish information to and conduct negotiations with third parties and, upon payment to Lundin Mining of a CDN$30 million Break Fee, to terminate the Business Combination Agreement and accept a Tenke Superior Proposal and the limited ability of Lundin Mining to terminate the Business Combination Agreement.

- The belief of the Tenke Board that the Break Fee is within the range of reasonable termination fees provided for in comparable transactions and is not a significant deterrent to possible competing offers.

- Although Lundin Mining will not be seeking shareholder approval for the Arrangement, other than the Lundin Resolution, Tenke has negotiated the Lundin Lock Up Agreement from, among others, key shareholders of Lundin Mining and the officers and directors of Lundin Mining and will receive a termination fee of CDN$3 million if the Lundin Shareholders do not approve the Lundin Resolution at the Lundin Meeting. No Break Fee is payable by Tenke if the Tenke Shareholders do not approve the Arrangement.

- Tenke's principal shareholder, who owns or controls 11,619,436 Tenke Shares representing approximately 19.3% of the outstanding Tenke Shares and who will receive the same consideration as other Tenke Shareholders, entered into a Tenke Lock Up Agreement with Lundin Mining and agreed to vote in favour of the Arrangement.

- The combined company will have market capitalization of approximately CDN$5.3 billion (based on the closing price of Tenke Shares and the Lundin Shares on the TSX on April 10, 2007), which is expected to generate new investment interest. Tenke expects this to lead to increased liquidity.

- The combined entity will feature enhanced project and geographic diversification. The combined entity's project portfolio will become more geographically diversified, serving to reduce costs and exposures to the risks inherent in operating only a specific asset or only within a specific jurisdiction.

- The financial presentation of Dundee Securities, including its oral opinion of April 10, 2007, which was confirmed by a written opinion dated May 17, 2007, to the Tenke Independent Committee as to the fairness, from a financial point of view, of the Arrangement to the Tenke Minority Shareholders, as more fully described under "The Arrangement – Fairness Opinion".

- The recommendation of the Tenke Independent Committee regarding the terms of the Arrangement and its recommendation that the Tenke Board approve the Arrangement on the terms presented to it.

- The Arrangement is expected to result in increased share trading liquidity for the current Tenke Shareholders.

- The Arrangement will provide Tenke Shareholders with the benefit of an immediate increase in cash flow from Lundin Mining's operating assets.

- Information provided in respect of Lundin Mining with respect to its assets and properties.

- Information provided in respect of Lundin Mining with respect to its historical and current financial condition, business and operations.

- Historical information regarding the market prices and trading information of the Tenke Shares and the Lundin Shares.

- The anticipated size and market liquidity of Lundin Mining subsequent to the Arrangement.

- The Arrangement Resolution must be approved by not less than two-thirds of the votes cast at the Tenke Meeting by Tenke Shareholders, and must also be approved by the Court, which will consider, among other things, the fairness of the Arrangement to Tenke Shareholders.

- Under the Arrangement, Registered Tenke Shareholders will have the Dissent Rights.

In the course of its deliberations, the Tenke Board also identified and considered a variety of risks and potentially negative factors, including, but not limited to:

- Until the Arrangement is completed, the price of Tenke's Shares may be capped at or near the value contemplated by the Arrangement to the extent that there is a market assumption that the Arrangement will complete.

- In certain circumstances set out under "The Business Combination Agreement - Non-Solicitation of Competing Proposals and Break Fee", Tenke may be required to pay the Break Fee to Lundin Mining, which, if an alternative transaction is not concluded, will adversely affect Tenke's financial condition.

- If the Business Combination Agreement is terminated and the Tenke Board decides to seek another merger or business combination, there can be no assurance that it will be able to find a party willing to pay an equivalent or more attractive price than the purchase price to be paid

pursuant to the Arrangement with Lundin Mining.

- Implementing the Arrangement will require the devotion of significant management time and attention, which will have to be diverted from the existing business of Tenke and which could have an adverse impact on Tenke if the Arrangement is not approved.

- Under the Business Combination Agreement, Tenke would be required to pay the Break Fee in the event that the Business Combination Agreement is terminated in certain circumstances. The Break Fee, together with Lundin Mining's right to match a Tenke Superior Proposal, may discourage other parties from attempting to acquire the Tenke Shares even if those parties might be willing to offer greater value than Lundin Mining has offered under the Business Combination Agreement.

The foregoing discussion summarizes the material information and factors considered by the Tenke Independent Committee and the Tenke Board in their consideration of the Arrangement. The Tenke Board collectively reached its decision, (with Messrs. Rand, Craig and Lundin abstaining) with respect to the Arrangement in light of the factors described above and other factors that each member of the Tenke Board felt were appropriate. In view of the wide variety of factors and the quality and amount of information considered, the Tenke Independent Committee and the Tenke Board did not find it useful or practicable to and did not make specific assessments of, quantify, rank or otherwise assign relative weights to the specific factors considered in reaching their determinations. Individual members of the Tenke Independent Committee and the Tenke Board may have given different weight to different factors.

Fairness Opinion

The Tenke Independent Committee retained Dundee Securities to act as its financial advisor in connection with the proposed transaction with Lundin Mining. As part of the engagement, Tenke requested that Dundee Securities evaluate the fairness, from a financial point of view, of the Arrangement to the Tenke Minority Shareholders. On April 10, 2007, at a meeting of the Tenke Board held to evaluate the Arrangement, Dundee Securities delivered to the Tenke Independent Committee an oral opinion, which was confirmed by delivery of a written opinion to the Tenke Independent Committee dated May 17, 2007, to the effect that, as of May 17, 2007, and based on and subject to various assumptions, matters considered and limitations described in the Fairness Opinion, the Arrangement was fair, from a financial point of view, to the Tenke Minority Shareholders.

The full text of the Fairness Opinion describing the assumptions made, procedures followed, matters considered and limitations on the review undertaken by Dundee Securities is attached as Schedule "D" and is incorporated into this Information Circular by reference. Tenke Shareholders are encouraged to read the Fairness Opinion carefully and in its entirety. The Fairness Opinion is directed only to the fairness, from a financial point of view, of the Arrangement to the Tenke Minority Shareholders, and does not address any related transaction. The Fairness Opinion does not address the relative merits of the Arrangement or any related transaction as compared to other business strategies or transactions that might be available to Tenke or the underlying business decision of Tenke to effect the Arrangement or any related transaction. The Fairness Opinion does not constitute a recommendation to any Tenke Shareholder as to how such Tenke Shareholder should vote or act with respect to any matters relating to the Arrangement.

The Fairness Opinion and financial analyses were only some of the many factors considered by the Tenke Independent Committee and the Tenke Board in their respective evaluation of the Arrangement and should not be viewed as determinative of the views of the Tenke Board or the Tenke Independent Committee with respect to the Arrangement or the consideration provided for in the Arrangement.

Under the terms of the Dundee Engagement Agreement, Tenke has agreed to pay Dundee Securities customary fees for its financial advisory services in connection with the Arrangement, a portion of which is payable in connection with the Fairness Opinion and a portion of which is contingent upon the completion of the Arrangement.

In addition, Tenke has agreed to reimburse Dundee Securities for its expenses, including fees, disbursements and other charges of counsel, and to indemnify Dundee Securities and related parties against liabilities relating to, or arising out of, its engagement.

The Tenke Independent Committee selected Dundee Securities as its financial advisor in connection with the Arrangement because Dundee Securities is an internationally recognized investment banking firm with substantial experience in similar transactions in the resource sector. Dundee Securities is continually engaged in the valuation of resource businesses and their securities in connection with mergers and acquisitions, competitive bids and distributions of securities.

Principal Steps of the Arrangement

On the Effective Date and commencing at the Effective Time, the following shall occur and be deemed to occur in the following order without further act or formality:

(a) the authorized capital of Tenke will be amended by redesignating the Tenke Shares as Tenke Class B Shares and the articles of Tenke will be deemed to be amended accordingly and each certificate representing an outstanding Tenke Share will, as and from the time such redesignation is effective, represent a Tenke Class B Share;

(b) the authorized capital of Tenke will be amended by the creation of an unlimited number of Tenke Class A Shares and the articles of Tenke will be deemed to be amended accordingly;

(c) Tenke will transfer the South American Assets and US$5 million in cash to Suramina and, in consideration therefor, Suramina will issue to Tenke, as fully paid and non-assessable, that number of Suramina Shares equal to the number of Tenke Shares issued and outstanding immediately before the Effective Time, other than Tenke Shares held by Dissenting Shareholders;

(d) each issued Tenke Class B Share, other than those held by Dissenting Shareholders, will be exchanged with Tenke for one Tenke Class A Share and one Suramina Share acquired by Tenke and the certificates representing the outstanding Tenke Class B Shares shall thereafter represent Tenke Class A Shares;

(e) each issued Tenke Class B Share held by Dissenting Shareholders will be acquired by Tenke in consideration for Tenke agreeing to pay the amount to be paid in respect of the dissenting shares;

(f) each issued Tenke Class B Share acquired by Tenke from Dissenting Shareholders will be cancelled;

(g) the stated capital of Tenke for the outstanding Tenke Class A Shares will be an amount equal to the stated capital of Tenke for the Tenke Class B Shares, less the fair market value of the Suramina Shares distributed to Tenke Shareholders, other than Dissenting

Shareholders and the paid-up capital of the Tenke Class A Shares will be reduced accordingly;

(h) the Tenke Class B Shares will be cancelled;

(i) each issued Tenke Class A Share will be transferred to Lundin Mining in consideration of 1.73 Lundin Shares and CDN$0.001 in cash;

(j) each Tenke Stock Option outstanding immediately before the Effective Date will be exchanged for a Lundin New Option pursuant to which the holder of the Tenke Stock Option will be entitled to receive, upon exercise of the Lundin New Option, that number of Lundin Shares which the holder would have been entitled to receive as a result of the transactions contemplated by the Plan of Arrangement if, immediately prior to the Effective Time, such holder had been the registered holder of the number of Tenke Shares to which such holder was therefore entitled upon exercise of the Tenke Stock Option. Save and except as otherwise agreed to by Lundin Mining and the holders of Tenke Stock Options, the term to expiry, conditions to and manner of exercising, vesting schedule, the status under applicable laws, and all other terms and conditions of each Lundin New Option will otherwise be unchanged from those contained in or otherwise applicable to the related Tenke Stock Option. It is intended that the provisions of Subsection 7 (1.4) of the ITA apply to such exchange. Therefore, in the event that the amount, if any, by which the total fair market value (determined immediately after the Effective Time) of the Lundin Shares that a holder is entitled to acquire on exercise of the Lundin New Option exceeds the amount payable to acquire such shares under the Lundin New Option (the "**Lundin Stock Option In-The-Money Amount**") exceeds the amount by which the total fair market value (determined immediately before the Effective Time) of the Tenke Shares that the holder was entitled to acquire on exercise of the Tenke Stock Option exceeds the amount payable to acquire such shares under the Tenke Stock Option (the "**Tenke Stock Option In-The-Money Amount**"), the number of Lundin Shares which may be acquired on exercise of the Lundin New Option will be adjusted accordingly with effect at and from the Effective Time to ensure that the Lundin Stock Option In-The-Money Amount does not exceed the Tenke Stock Option In-The-Money Amount and the ratio of the amount payable to acquire such shares to the value of such shares to be acquired shall be unchanged. In addition, each Tenke Stock Option which, by its terms, would expire up to 90 days after the holder of such option ceased to be eligible to hold options under the Tenke Stock Option Plan, shall be deemed to have been amended to provide that such option shall not expire until 180 days after the optionee ceased to be eligible to hold options under the Tenke Stock Option Plan;

(k) Suramina will redeem its outstanding Suramina Class A Shares for CDN$0.001 per share and such shares will be cancelled;

(l) no fractional Lundin Shares will be issued in connection with the exchange but rather Tenke Shareholders entitled to a fractional Lundin Share will receive cash in lieu thereof;

(m) the names of Tenke Shareholders, other than Lundin Mining, will be removed from the central securities register of Tenke;

(n) Lundin Mining will become the holder of all Tenke Class A Shares and the central securities register of Tenke will be revised accordingly; and

(o) the exchanges and cancellations will be deemed to occur at the Effective Time on the Effective Date, notwithstanding that certain of the procedures related thereto are not completed until after the Effective Date.

Effect of the Arrangement

As at and from the Effective Time:

(a) Tenke will be a wholly-owned subsidiary of Lundin Mining.

(b) Tenke will continue to hold all of its mineral properties, cash and assets, save and except for the South American Assets and US$5 million in cash transferred to Suramina as part of the Arrangement.

(c) The holders of Tenke Shares, other than Dissenting Shareholders, will hold Lundin Shares and Suramina Shares in replacement for their Tenke Shares.

(d) The holders of Tenke Stock Options will hold Lundin Stock Options in replacement for their Tenke Stock Options.

(e) After the Effective Date, certificates formerly representing Tenke Shares which are held by a former Tenke Shareholder will, except for Tenke Shares held by Dissenting Shareholders, represent only the right to receive certificates representing Lundin Shares and Suramina Shares.

(f) On or promptly after the Effective Date, Lundin Mining will deliver or arrange to be delivered to the Depositary certificates representing the Lundin Shares and cash required to be issued and delivered to former Tenke Shareholders which certificates shall be held by the Depositary as agent and nominee for such former Tenke Shareholders for distribution to such former Tenke Shareholders.

(g) On or promptly after the Effective Date, Suramina will deliver or arrange to be delivered to the Depositary certificates representing the Suramina Shares required to be issued to former Tenke Shareholders which certificates shall be held by the Depositary as agent and nominee for such former Tenke Shareholders for distribution to such former Tenke Shareholders.

(h) A former Tenke Shareholder who is an "Eligible Holder" and who has transferred a Tenke Class A Share to Lundin Mining pursuant to the Arrangement shall be entitled to make an income tax election, pursuant to Section 85 of the ITA (and any analogous provisions of provincial income tax law) with respect to such transfer by providing two copies of the necessary election forms to an appointed representative, as directed by Tenke or Lundin Mining, within 90 days following the Effective Date, duly completed with the details of the number of shares transferred and the applicable agreed amounts for the purposes of such election. Thereafter, subject to such election forms complying with requirements under the ITA (or applicable provincial income tax law), such forms shall be signed and returned to such former Tenke Shareholder within 90 days after the receipt thereof by Lundin Mining or any successor corporation for filing with the Canada Revenue Agency (or the applicable provincial tax authority). Lundin Mining or any successor corporation will not be responsible for the proper completion of any election form and, except for the obligation to sign and return duly completed election forms which are received within 90 days of the Effective Date, Lundin Mining or any successor

will not be responsible for any taxes, interest or penalties resulting from the failure of a former Tenke Shareholder to properly complete or file such election forms in the form and manner and within the time prescribed by the ITA (or any applicable provincial legislation). In its sole discretion, Lundin Mining or any successor corporation may choose to sign and return an election form received by it more than 90 days following the Effective Date, but will have no obligation to do so.

(i) Paul K. Conibear, the President and Chief Executive Officer of Tenke, will join the management team of Lundin Mining and will be the President and Chief Executive Officer of Suramina.

(j) Assuming there are: 60,199,829 Tenke Shares issued and outstanding at the Effective Time, Lundin Mining will issue approximately 104,145,704 Lundin Shares to acquire the Tenke Shares and will reserve approximately 1,362,375 Lundin Shares for issue upon exercise of Lundin New Options. Upon completion of the Arrangement, there will be, using the Lundin Mining issued share capital at May 18, 2007, approximately 390,473,400 Lundin Shares issued and outstanding. In addition, approximately 60,199,829 Suramina Shares will be issued to Tenke Shareholders on the basis of one Suramina Share for each Tenke Share held.

(k) The rights of creditors against the property and interests of Tenke will be unimpaired by the Arrangement.

(l) The subsidiaries of Tenke (other than those forming a part of the South American Assets) will remain as subsidiaries and related corporations of Tenke.

(m) Suramina will be a reporting issuer in British Columbia, Alberta, Saskatchewan, Ontario and Quebec. The Suramina Shares will not be registered with the SEC and will not be listed for trading on a stock exchange in the United States. Application will be made to list the Suramina Shares on the TSX. Any listing will be subject to meeting TSX original listing requirements and there is no assurance such a listing will be obtained. All of the Suramina Shares will be owned by Tenke Shareholders on the Effective Date. Suramina will hold the South American Assets and US$5 million in cash.

The full particulars of the Arrangement are contained in the Plan of Arrangement attached to the Business Combination Agreement. A copy of the Plan of Arrangement is attached as Schedule "B" and incorporated by reference in this Information Circular.

Lock Up Agreements

Lundin Mining has obtained Tenke Lock Up Agreements from all of the directors and senior officers of Tenke and each person, company or trust that has to the actual knowledge of Tenke, based on public filings made pursuant to National Instrument 62-103 of the Canadian Securities Administrators: (i) direct or indirect beneficial ownership of; (ii) control or direction over; or (iii) a combination of direct or indirect beneficial ownership or of control or direction over, Tenke Shares carrying more than 10% of the voting rights attached to all of Tenke Shares, whereby they have agreed:

- to support the Arrangement and vote their Tenke Shares in favour of the Arrangement Resolution; and

- not to tender or vote their Tenke Shares in favour of, or otherwise support or facilitate in their

capacities as Tenke Shareholders, any Competing Proposal.

The obligations under the Tenke Lock Up Agreements will terminate on the earlier of: (i) the date upon which the Arrangement is completed; (ii) the date upon which Lundin Mining and the locked up persons and entities mutually agree to terminate the Tenke Lock Up Agreement or Lundin Mining terminates the Tenke Lock Up Agreement in its sole discretion; (iii) the date upon which Lundin Mining announces it will not match a Tenke Superior Proposal; (iv) the Business Combination Agreement is terminated by Lundin Mining or Tenke in accordance with its terms; or (v) the Termination Date. The persons and entities who signed the Tenke Lock Up Agreements hold approximately 21% of the issued Tenke Shares as at the date of this Information Circular.

Treatment of Tenke Stock Options

The holders of Tenke Stock Options outstanding at the Effective Time on the Effective Date will receive Lundin New Options, the net effect of which will be to place the holders of Tenke Stock Options in the same position that they would have been in had they exercised their Tenke Stock Options prior to the completion of the Arrangement. Pursuant to the Arrangement, the Tenke Stock Option Plan will be amended to provide that the expiry date of the Tenke Stock Option will be the earlier of the original expiry date and 180 days after the Optionee ceases to be eligible to hold Tenke Stock Options. As at May 18, 2007, Tenke had 787,500 Tenke Shares reserved for issuance pursuant to Tenke Stock Options. Lundin Mining will reserve 1,362,375 Lundin Shares to meet its obligations in respect of the Lundin New Options. Former holders of Tenke Stock Options otherwise entitled to receive a fractional interest in a Lundin Share will have their entitlement rounded down to the nearest whole number.

PROCEDURE AND TERMS FOR EXCHANGE OF TENKE SHARES

Procedure for Exchange of Tenke Shares

Enclosed herewith is a letter of transmittal and instructions for obtaining delivery of certificates representing Lundin Shares, cash, CDN$0.001 per Tenke Share and Suramina Shares. In order to receive certificates representing Lundin Shares, cash and Suramina Shares pursuant to the Arrangement, Tenke Shareholders must return to the Depositary on or prior to the sixth anniversary of the Effective Date: (i) their certificates representing Tenke Shares; (ii) a duly completed letter of transmittal; and (iii) such other documents as the Depositary may require. Upon return of a properly completed letter of transmittal, together with certificates representing Tenke Shares and such other documents as the Depositary may require, certificates for the appropriate number of Lundin Shares, cash and the Suramina Shares will be issued to the Tenke Shareholder. Certificates for the Lundin Shares and CDN$0.001 and the Suramina Shares issued to a Tenke Shareholder as described above, will be registered in such name or names and will be sent to such address or addresses as such holder may direct in the letter of transmittal as soon as practicable after the receipt by the Depositary of the required documents.

Cancellation of Rights after Six Years

Any certificate which immediately prior to the Effective Date represented Tenke Shares and which has not been surrendered, with all other documents required by the Depositary, on or prior to the sixth anniversary of the Effective Date, will cease to represent any claim against or interest of any kind or nature in Tenke, Lundin Mining, Suramina or the Depositary. **Accordingly, persons who tender certificates for Tenke Shares after this sixth anniversary will not receive Lundin Shares, cash or Suramina Shares, will not own any interest in Tenke, Lundin Mining or Suramina, and will not be paid any cash or other compensation.**

Treatment of Dividends

No dividends or other distributions declared or made after the Effective Date with respect to Lundin Shares or Suramina Shares, with a record date after the Effective Date, will be payable or paid to the holder of any unsurrendered certificates for Tenke Shares and will not be payable until the surrender of certificates for Tenke Shares for exchange for Lundin Shares, cash and Suramina Shares in accordance with the terms of the Plan of Arrangement.

Fractional Shares

No fractional Lundin Shares will be issued to Tenke Shareholders. Tenke Shareholders will receive cash in lieu of a fractional Lundin Share based on one whole Lundin Share being valued at CDN$14.88, the closing price for Lundin Shares on April 10, 2007.

The foregoing information is a summary only. For further details of procedures, see also Article V "Certificates" of the Plan of Arrangement attached as Schedule "B" to this Information Circular.

Effects of the Arrangement on Shareholders' Rights

As a result of the Arrangement, all Tenke Shareholders will become Lundin Shareholders and Suramina Shareholders. Tenke Shareholders will continue to be shareholders of federal corporations governed by the CBCA and by Lundin Mining and Suramina's constating documents, unless they exercise Dissent Rights in connection with the Arrangement.

Arrangement Risk Factors

There are risks associated with the Arrangement including: (i) market reaction to the Arrangement and the future trading prices of the Lundin Shares and of the Suramina Shares, if listed, cannot be predicted; (ii) the Arrangement may give rise to significant adverse tax consequences to Tenke Shareholders and each Tenke Shareholder is urged to consult his own tax advisor; (iii) uncertainty as to whether the Arrangement will have a positive impact on the entities involved in the transactions; and (iv) there is no assurance that required approvals will be received or that the Suramina Shares will be listed on a stock exchange.

In addition, the Exchange Ratio is fixed and will not increase or decrease due to the fluctuations in the market price of the Lundin Shares or the Tenke Shares. The actual market value of the consideration and the percentage of the premium received by the Tenke Shareholders will depend on the market price of the Lundin Shares and the Tenke Shares as of the date the transaction contemplated by the Plan of Arrangement is completed. If the market price of Lundin Shares declines relative to the market price of the Tenke Shares or conversely, if the market price of Tenke Shares declines relative to the market price of Lundin Shares, the value of the consideration and premium percentage received by Tenke Shareholders will decline as well. Variations like these may occur as a result of changes in, or market perceptions of changes in, the business, operations or prospects of Lundin Mining, including short-term changes in gold prices, market assessments of the likelihood the Arrangement will be consummated, regulatory considerations, interest rate fluctuations, general market and economic conditions and other factors over which neither Tenke nor Lundin Mining has control.

Also, Lundin Mining's operations are located in Portugal, Sweden, Ireland and the Russian Federation and, if Lundin Mining is successful in acquiring all of the shares and warrants of Rio Narcea, in Spain. Tenke's operations are located in Argentina, Chile and the Democratic Republic of Congo. Lundin Mining is subject to different foreign investment risks than those to which Tenke is subject. Mining

investments are subject to the risks normally associated with the conduct of business in foreign countries, including various levels of political and economic risk. The existence or occurrence of one or more of the following circumstances or events could have a material adverse impact on Lundin Mining's profitability or the viability of Lundin Mining's affected foreign operations, which could have a material adverse effect on Lundin Mining's future cash flows, earnings, results of operations and financial condition. These related risks with respect to doing business in foreign jurisdictions include but are not limited to: uncertain or unpredictable political, legal or economic environments; delays in obtaining or the inability to obtain necessary governmental permits; labour disputes; invalidation of governmental orders; war, acts of terrorism and civil disturbances; changes in laws or policies of particular countries; taxation; government seizure of land or mining claims; limitations on ownership of property or mining rights; restrictions on the convertibility of currencies; limitations on the reparation of earnings; and increased financing costs.

The Lundin Shares are subject to a number of other risks and the Suramina Shares are speculative and subject to a number of other risks. Tenke Shareholders should also review carefully the risk factors set forth in the Annual Information Forms of each of Tenke and Lundin Mining, which are incorporated by reference in the Joint Disclosure Booklet.

Effective Date and Conditions of the Arrangement

If the Arrangement Resolution is passed, the Final Order of the Court is obtained approving the Arrangement, every requirement of the CBCA relating to the Arrangement has been complied with and all other conditions disclosed under "Conditions to the Arrangement Becoming Effective" are met, the Arrangement will become effective. Tenke and Lundin Mining presently intend that the Effective Date will be on or about July 3, 2007.

Conditions to the Arrangement Becoming Effective

In order for the Arrangement to become effective, certain conditions must have been satisfied or waived which conditions are summarized below:

Mutual Conditions

The obligations of Lundin Mining and Tenke to complete the Arrangement are subject to the satisfaction of the following conditions on or prior to the Closing Date, each of which may be waived only with the consent in writing of Lundin Mining and Tenke:

(a) The Tenke Shareholders shall have approved the Arrangement Resolution at the Meeting and, in particular, shall have approved the Arrangement in accordance with the Interim Order.

(b) The Lundin Shareholders shall have approved the Lundin Resolution at the Lundin Meeting.

(c) The Interim Order and the Final Order shall have been granted in form and substance satisfactory to each of Lundin Mining and Tenke, acting reasonably and shall not have been set aside or modified in a manner unacceptable to Lundin Mining or Tenke, acting reasonably, on appeal or otherwise.

(d) No temporary restraining order, preliminary injunction, permanent injunction or other order preventing the consummation of the Arrangement shall have been issued by any

federal, state, or provincial court (whether domestic or foreign) having jurisdiction and remain in effect.

(e) The Lundin Shares to be issued pursuant to the Arrangement shall have been approved for listing on the TSX and the AMEX subject to official notice of issuance and other normal conditions and the Swedish depository receipts relating to the Lundin Shares to be issued in connection with the Arrangement shall have been listed on the Stockholm Stock Exchange, in each case on the Effective Date or as soon as practicable thereafter. The Suramina Shares to be issued pursuant to the Arrangement shall have been approved for listing on the TSX, subject to official notice of issuance and other normal conditions on the Effective Date or as soon as practicable thereafter.

(f) On the Closing Date, no cease trade order or similar restraining order of any other provincial securities administrator relating to the Lundin Shares, the Tenke Shares or the Suramina Shares shall be in effect.

(g) There shall not be pending or threatened any suit, action or proceeding by any Governmental entity before any court or governmental authority, agency or tribunal, domestic or foreign, that has a significant likelihood of success, seeking to restrain or prohibit the consummation of the Arrangement or any of the other transactions contemplated by the Business Combination Agreement or seeking to obtain from Lundin Mining or Tenke any damages that are material in relation to Lundin Mining, Tenke and their subsidiaries taken as a whole.

(h) The distribution of the Lundin Shares and the Suramina Shares pursuant to the Arrangement shall be exempt from the prospectus and registration requirements of applicable Canadian Securities Law either by virtue of exemptive relief from the securities regulatory authorities of each of the provinces of Canada or by virtue of applicable exemptions under Canadian Securities Laws and shall not be subject to resale restrictions under applicable Canadian Securities Laws (other than as applicable to control persons).

(i) The Lundin Shares to be issued in the United States in connection with the Arrangement shall be exempt from registration requirements under the Securities Act 1933 of the United States of America and, except with respect to persons deemed "affiliates" of Tenke under such Act prior to completion of the Arrangement, and Suramina, the Lundin Shares to be distributed in the United States pursuant to the Arrangement shall not be subject to resale restrictions in the United States under the Securities Act 1933, as amended.

Additional Conditions in Favour of Tenke:

The obligation of Tenke to consummate the Arrangement is subject to the satisfaction of the following conditions on or prior to the Closing Date, each of which may be waived by Tenke:

(a) The representations and warranties of Lundin Mining set forth in the Business Combination Agreement, qualified as to materiality shall be true and correct and the representations and warranties not so qualified shall be true and correct in all material respects on the closing date as if made on the closing date, except for such representations and warranties made expressly as of a specified date which shall be true and correct in all material respects as of such date, and Tenke shall have received

certificates signed on behalf of Lundin Mining by an executive officer thereof to such effect dated as of the Closing Date.

(b) Lundin Mining shall have performed and complied in all material respects with all covenants and agreements required by the Business Combination Agreement to be performed or complied with by Lundin Mining prior to or on the closing date and Tenke shall have received a certificate signed on behalf of Lundin Mining by an executive officer thereof to such effect.

(c) There shall not have occurred any Material Adverse Change in the Lundin group since the date of the Business Combination Agreement.

(d) The Lundin Lock Up Agreements shall have been entered into by each of the locked up Lundin Shareholders and shall not have been terminated or otherwise breached in any material manner by any of the locked up Lundin Shareholders, such that it is clear that as a result of such breach or termination such locked up Lundin Shareholder will not vote all of its Lundin Shares in favour of the Lundin Resolution.

Additional Conditions in Favour of Lundin Mining:

The obligation of Lundin Mining to complete the Arrangement is subject to the satisfaction of the following conditions on or prior to the Closing Date, each of which may be waived by Lundin Mining:

(a) The representations and warranties of Tenke and Suramina set forth in the Business Combination Agreement, qualified as to materiality shall be true and correct and the representations and warranties not so qualified shall be true and correct in all material respects as of the closing date as if made on the closing date, except for such representations and warranties made expressly as of a specified date which shall be true and correct in all material respects as of such date, and Lundin Mining shall have received a certificate signed on behalf of Tenke by an executive officer thereof to such effect dated as of the closing date.

(b) Tenke shall have performed and complied in all material respects with all covenants and agreements required by the Business Combination Agreement to be performed or complied with by it prior to or on the closing date and Lundin Mining shall have received a certificate signed on behalf of Tenke by an executive officer thereof to such effect.

(c) There shall not have occurred any Material Adverse Change in the Tenke Group since the date of the Business Combination Agreement.

(d) The Tenke Lock Up Agreements shall have been entered into by each of the locked up Tenke Shareholders and shall not have been terminated or otherwise breached in any material manner by any of the locked up Tenke Shareholders, such that it is clear that as a result of such breach or termination such locked up Tenke Shareholder will not vote all of its Tenke Shares in favour of the Arrangement Resolution.

(e) Dissent Rights shall have been exercised in respect of no more than 5% of the issued and outstanding Tenke Shares.

The full particulars of the Arrangement are contained in the Plan of Arrangement attached as Schedule "B" to this Information Circular. See also "Additional Terms of the Business Combination Agreement" below.

Additional Terms of the Business Combination Agreement

In addition to the terms and conditions of the Business Combination Agreement set out elsewhere in this Information Circular, the following additional terms apply:

Tenke's Covenants

Tenke covenanted and agreed in the Business Combination Agreement to:

(a) subject to Lundin Mining's continuing compliance with the Confidentiality Agreement, permit and cause each Tenke Group Member to permit:

  (a) Lundin Mining and its advisers to have reasonable access at reasonable times to all properties, books, accounts, records, contracts, files, correspondence, tax records and documents of or relating to the Tenke group including auditors' working papers and management letters and to discuss such matters with the executive officers of the Tenke group; and

  (b) Lundin Mining to conduct, or cause its agents to conduct, such reasonable reviews, inspections, surveys, tests, and investigations of the assets of the Tenke group as they deem necessary or advisable, provided such reviews are conducted at reasonable times and in a reasonable manner.

(b) conduct and cause each Tenke Group Member to conduct its business only in the ordinary and usual course and use all reasonable efforts to preserve its business organizations intact and its existing relations with customers, suppliers, employees and business associates, and to cause each Tenke Group Member not to do any of the following:

  (a) sell or pledge or agree to sell or pledge any capital stock owned by it in any of its subsidiaries, except pursuant to the Arrangement;

  (b) amend its articles or certificate of incorporation (or like charter documents) or by-laws except as contemplated by the Business Combination Agreement;

  (c) subdivide, split, combine, consolidate or reclassify any of its outstanding shares of capital stock;

  (d) declare, set aside or pay any dividend or make any other distribution payable in cash, shares, securities or property with respect to any of its shares of capital stock other than consistent with past practice and other than dividends or distributions declared, set aside, paid or payable by any Tenke Group Member to Tenke, except pursuant to the Arrangement;

  (e) repurchase, redeem, or otherwise acquire, directly or indirectly, any of its capital stock or any securities convertible into or exchangeable or exercisable into any of its capital stock;

(f) incur, guarantee, assume or modify any additional indebtedness for borrowed money in an aggregate amount in excess of CDN$10 million other than in the ordinary course of business;

(g) enter into any material transaction not in the ordinary course of its business;

(h) issue, sell, pledge, dispose of or encumber, or authorize or propose the issuance, sale, pledge, disposition, or encumbrance of, any shares of its capital, or any securities convertible into or exchangeable or exercisable for, or options, puts, warrants, calls, commitments or rights of any kind to acquire, any of its shares of capital other than pursuant to the Business Combination Agreement or currently outstanding securities directly or indirectly convertible into or exchangeable or exercisable for Tenke Shares and pursuant to the exercise of options outstanding under the Tenke Stock Option Plan;

(i) transfer, lease, license, sell, mortgage, pledge, encumber or dispose of any material property or assets other than in the ordinary and usual course of business consistent with past practice;

(j) make, whether by arrangement, consolidation or purchase, any acquisition of, or investment in, assets, shares, capital stock or other securities of any other person or entity other than its wholly-owned subsidiaries or in the ordinary and usual course of business consistent with past practice;

(k) except as may be required to satisfy contractual obligations existing as of the date of the Business Combination Agreement and the requirements of applicable law, establish, adopt, enter into, make, amend in any respect or make any elections under any collective bargaining agreement or employee plan or enter into any new or amend any existing employment, consulting or other agreement providing compensation or benefits to any executive employee or director, except for employment agreements with new employees (other than Lundin Mining corporate staff) entered into in the ordinary course of business which agreements do not provide for the payment of "golden parachutes" or other amounts in respect of severance which are triggered by the transactions set forth herein;

(l) except as may be required to satisfy contractual obligations or Tenke group employee plan obligations existing as of the date of the Business Combination Agreement and the requirements of applicable law: (i) amend any Tenke group employee plan where such amendment would increase any Tenke Group Member's annual or aggregate liability or funding obligations in connection with such Tenke group employee plan by more than five percent; (ii) terminate or merge any employee plan(s); (iii) transfer assets from any Tenke group employee plan or any agreement with any officer, director or employee of Tenke; (iv) extend membership, benefits or coverage under any Tenke group employee plan to any employee who is not currently eligible to receive such membership, benefits or coverage; (v) incorporate any "change in control" provision into any Tenke group employee plan, or modify any "change in control" provision contained in any Tenke group employee plan or any agreement with any officer, director or employee of Tenke; or (vi) transfer any employee from any Tenke Group Member to any other Tenke Group Member in circumstances where such transfer would increase the Tenke Group Member's collective expenses in connection with the employment of such employee;

(m) implement any change in its accounting principles, practices, or methods, other than as

may be required by generally accepted accounting principles;

(n) except as contemplated in the Business Combination Agreement, alter (through arrangement, liquidation, reorganization, restructuring or in any other fashion) the corporate structure or ownership of any Tenke Group Member;

(o) withdraw, permit or consent to the removal of any assets of any of the employee plans maintained by any Tenke Group Member other than for the purpose of paying benefits in the ordinary course and payment of expenses in accordance with past practice and under the terms of such plan; and

(p) authorize or enter into any agreement or understanding of any type whatsoever, whether written or oral to take any of the actions referred to in the Business Combination Agreement.

Any action by any Tenke Group Member to cause TF Holdings Ltd. and Tenke Fungurume Mining S.A.R.L. to conduct business in accordance with the shareholder's agreement to which they are a party including without limitation, the voting of shares, the provision of guarantees or indemnities and/or the provision of additional funding through Tenke's commitments for its portion of the senior debt and equity for the Tenke Fungurume project to such corporations in accordance with such shareholder's agreement shall not in any circumstances be deemed to be a violation of the foregoing covenants.

(c) ensure that all property, real and personal, owned or leased by any Tenke Group Member continues to be insured;

(d) use all reasonable efforts to cause all of the conditions to the obligations of Lundin Mining under the Business Combination Agreement to be satisfied on or prior to the closing date (to the extent the satisfaction of such conditions is within the control of the Tenke group);

(e) seek approval of the Arrangement Resolution by the Tenke Shareholders as soon as practicable following receipt of the Interim Order and distribution of this Information Circular to the Tenke Shareholders. Tenke shall use commercially reasonable efforts to obtain the approval of the Tenke Shareholders and, without limitation, the Tenke Board shall (other than those directors who abstain from voting) recommend that the Tenke Shareholders vote to approve the Arrangement Resolution;

(f) ensure this Information Circular complies as to form in all material respects with Canadian securities law and that none of the information to be supplied by Tenke to Lundin Mining for inclusion or incorporation by reference in the Lundin Mining information circular will at the time of the mailing of the Lundin Mining information circular contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they are made, not misleading. If at any time prior to the Effective Time any event with respect to Tenke, its officers and directors or any Tenke Group Member shall occur that is required to be described in the Lundin Mining information circular, Tenke shall give prompt notice to Lundin Mining of such event; and

(g) deliver to Lundin Mining, prior to the date of the Meeting, a list of names and addresses of those persons who are, in the opinion of Tenke, as of the time of the Meeting, 'affiliates' of Tenke within the meaning of Rule 145 under the U.S. Securities Act. Tenke shall provide to

Lundin Mining such information and documents as Lundin Mining shall reasonably request for the purposes of reviewing such list. There shall be added to such list the names and addresses of any other person subsequently identified by either Lundin Mining or Tenke as a person who may be deemed to be an affiliate of Tenke; provided, however, that no such person identified by Lundin Mining shall be added to the list of affiliates of Tenke if Lundin Mining shall receive from Tenke, on or before the date of the Meeting, an opinion of counsel reasonably satisfactory to Lundin Mining to the effect that such person is not an affiliate. Tenke shall exercise its reasonable best efforts to deliver or cause to be delivered to Lundin Mining, prior to the closing date, from each affiliate of Tenke identified in the foregoing list (as the same may be supplemented as aforesaid), a letter dated as of the closing date substantially acknowledging that the Lundin Shares received by such affiliate pursuant to the Plan of Arrangement will be subject to the restrictions set forth in Rule 145 under the U.S. Securities Act and that, at Lundin Mining's discretion, the certificate representing the Lundin Shares received by such affiliates pursuant to the Plan of Arrangement may bear a customary legend regarding such restrictions.

Non-Solicitation Covenant of Tenke

Tenke has also agreed in the Business Combination Agreement that it will not directly or indirectly solicit, initiate, or engage in discussions or negotiations with any person, encourage submission of any inquiries, proposals, or offers by, or take any other action intended or designed to facilitate the efforts of any person, other than Lundin Mining, relating to a Competing Proposal, or provide non-public information with respect to Tenke or any Tenke Group Member, or afford any access to the properties, books, or records of the same, to any person, that may wish to propose or pursue a Competing Proposal, provided, however, that in response to an unsolicited bona fide Competing Proposal, Tenke may: (A) furnish such information or access with respect to Tenke and the Tenke group to the person making such Competing Proposal pursuant to a confidentiality agreement with such person that is no less restrictive than the Confidentiality Agreement; or (B) engage in discussions or participate in negotiations regarding such Competing Proposal, but in each case only if; (x) the Tenke Board determines in good faith, after consultation with outside counsel, that such action is necessary in order for the Tenke Board to act in a manner consistent with their fiduciary duties under applicable law; (y) the Tenke Board determines in good faith that the Competing Proposal could reasonably be expected to result in a Tenke Superior Proposal; and (z) Tenke complies with the Business Combination Agreement with respect to such proposal.

Any violation of the above restrictions by a Tenke Group Member or any officer, director or employee or other adviser or representative of Tenke or any of its subsidiaries shall be deemed to be a breach by Tenke. Tenke must immediately cease any negotiations or discussions with respect to any Competing Proposals that are continuing as of the date of the Business Combination Agreement and must confirm to Lundin Mining that it has demanded from each third party to which it has provided confidential, non-public information that such information be returned to Tenke. Tenke has advised Lundin Mining of all parties with which it was in discussions as of the date of the Business Combination Agreement regarding a Competing Proposal and such discussions have been ceased.

The Business Combination Agreement also provides that neither Tenke nor the Tenke Board nor any committee thereof shall or shall permit any Tenke Group Member to: (a) withdraw or modify, or propose to withdraw or modify, in a manner adverse to Tenke, their approval of the Arrangement, the Business Combination Agreement, the transactions contemplated by the Business Combination Agreement or the recommendation to vote in favour of the Arrangement Resolution; (b) approve or recommend, or propose to approve or recommend, any Competing Proposal; or (c) cause or permit any member of the Tenke

group or any of its subsidiaries to enter into any agreement, including an agreement in principle or letter of intent to effect a Competing Proposal.

Notwithstanding the foregoing, if Tenke has received a Tenke Superior Proposal, the Tenke Board may: (A) withdraw or modify its recommendation of the Arrangement Resolution; (B) approve or recommend a Tenke Superior Proposal; or (C) cause Tenke or any of its subsidiaries to enter into a transaction agreement to effect a Tenke Superior Proposal, but in each case only if: (x) the Tenke Board determines in good faith, after consultation with outside counsel, that such action is necessary in order for them to act in a manner consistent with their fiduciary duties under applicable law; and (y) Tenke shall have furnished Lundin Mining with written notice at least three business days prior to the date any such actions are proposed to be taken specifying which actions are proposed to be taken and, after taking into account modifications to the Business Combination Agreement proposed by Lundin Mining during such three business day period, such Competing Proposal would still constitute a Tenke Superior Proposal. If Tenke enters into an agreement to implement a Tenke Superior Proposal, it will be required to pay the Break Fee to Lundin Mining, as detailed below. In addition, if Lundin Mining elects to terminate the Business Combination Agreement in these circumstances, Tenke will be required to pay Lundin Mining the Break Fee. If Lundin Mining makes a proposal to amend the Business Combination Agreement to increase the consideration payable to the Tenke Shareholders pursuant to the Arrangement, such that the Competing Proposal is no longer a Tenke Superior Proposal, Tenke and Lundin Mining will execute such documents to give effect to such proposal and Tenke will not enter into the Competing Proposal.

Tenke shall promptly advise Lundin Mining first orally and as soon as practicable and in any event within 24 hours and then in writing of: (a) any request for information which may relate to a Competing Proposal; (b) any Competing Proposal; or (c) any inquiry with respect to or that could lead to a Competing Proposal; or (d) the identity of any third party making the request, proposal or inquiry in (a), (b) or (c) above and shall provide copies of all documentation and a description of the status of any request, proposal or inquiry related to (a), (b) or (c) above.

The Tenke Board may distribute a circular in response to a take-over bid in accordance with section 99 of the *Securities Act* (Ontario) and the equivalent provisions of other Canadian Securities Laws provided, however, that the Tenke Board shall not, except as permitted above, withdraw or modify, or propose to withdraw or modify, its position with respect to the Business Combination Agreement or the Arrangement Resolution or approve or recommend, or propose to approve or recommend, a Competing Proposal (it being understood that an affirmation of the recommendation via press release not later than two days following a request to affirm by Lundin Mining will satisfy this proviso).

The Tenke Board may withdraw, modify, qualify or change its recommendation to Tenke Shareholders in respect of the Arrangement Resolution or from making any disclosure to the Tenke Shareholders prior to the Effective Date if, in the good faith judgment of the Tenke Board after consultation with outside counsel, such action is necessary for the Tenke Board to act in a manner consistent with its fiduciary duties under applicable law or is otherwise required under applicable laws, provided that in the case of any proposal in respect of any such withdrawal, modification, qualification or change which does not relate to a Competing Proposal or a Tenke Superior Proposal, and except as may be necessary for the Tenke Board to act in accordance with its fiduciary duties, not less than 48 hours before the Tenke Board considers any proposal in respect of any such withdrawal, modification, withdrawal qualification or change, Tenke shall give Lundin Mining written notice of such proposal and promptly advise Lundin Mining of the proposed consideration of such proposal. Except in the circumstances where Tenke gives such notice due to certain corporate actions taken by Lundin Mining, if Lundin Mining terminates the Business Combination Agreement due to a change in recommendation by Tenke, Tenke will be required to pay the Break Fee to Lundin Mining. Where the Tenke Board proposes to exercise its rights as the result of certain corporate actions that have been taken or is proposed to be taken by Lundin Mining after

the date of the Business Combination Agreement and the Tenke Board includes a statement to that effect in any notice given to Lundin Mining as aforesaid, then no Break Fee shall be payable in the event Lundin Mining terminates the Business Combination Agreement due to such change in recommendation by Tenke.

Lundin Mining's Covenants

Lundin Mining covenanted and agreed in the Business Combination Agreement to:

(a) subject to Tenke's continuing compliance with the Confidentiality Agreement to permit:

  (a) Tenke and its respective advisers to have reasonable access at reasonable times to all properties, books, accounts, records, contracts, files, correspondence, tax records and documents of or relating to the Lundin Group including auditor's working papers and management letters and to discuss such matters with the executive officers of the Lundin Mining group; and

  (b) Tenke to conduct, or cause its agents to conduct, such reasonable reviews, inspections, surveys, tests, and investigations of the assets of the Lundin Mining group as they deem necessary or advisable provided such reviews are conducted at reasonable times and in a reasonable manner;

(b) not, and to cause each Lundin Mining group member not to:

  (a) amend its articles or certificate of incorporation (or like charter documents) or by-laws, except as contemplated by the Arrangement;

  (b) subdivide, split, combine, consolidate, or reclassify any of its outstanding shares of capital stock;

  (c) declare, set aside or pay any dividend or make any other distribution payable in cash, shares, stock, securities or property with respect to any of its shares of capital stock other than consistent with past practice, other than dividends or distributions declared, set aside, paid or payable by any Lundin Mining group member to Lundin Mining;

  (d) repurchase, redeem, or otherwise acquire, directly or indirectly, any of its capital stock or any securities convertible into or exchangeable or exercisable into any of its capital stock; or

  (e) incur, guarantee, assume or modify any additional indebtedness for borrowed money in an aggregate amount in excess of CDN$50 million other than in connection with the credit facilities provided in respect of the offer to acquire all of the shares and warrants of Rio Narcea or in the ordinary course of business.

(c) ensure that all property, real and personal, owned or leased by any Lundin Mining group member continues to be insured substantially in the manner and to the extent they are currently insured;

(d) seek approval of the Lundin Resolution by the Lundin Shareholders as soon as practicable following distribution of the Lundin Mining information circular to the Lundin Shareholders; use commercially reasonable efforts to obtain such approval and, without limitation, the

Lundin Board shall (other than those directors who abstain from voting) recommend that the Lundin Shareholders vote to approve the Lundin Resolution at the Lundin Meeting;

(e) use all reasonable efforts to cause all of the conditions to the obligations of Tenke under the Business Combination Agreement to be satisfied on or prior to the closing date (to the extent the satisfaction of such conditions is within the control of the Lundin Mining group);

(f) use all commercially reasonable best efforts to cause the Lundin Shares to be issued in connection with the Arrangement to be listed on the TSX, the AMEX and for Swedish depositary receipts in respect of such Lundin Shares to be listed on the Stockholm Stock Exchange, in each case, as of the closing date;

(g) ensure that the Lundin Mining information circular will comply as to form in all material respects with Canadian Securities Law and that none of the information to be supplied by Lundin Mining to Tenke for inclusion or incorporation by reference in this Information Circular will at the time of the mailing of the Lundin Mining information circular contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they are made, not misleading. If at any time prior to the Effective Time any event with respect to Lundin Mining, its officers and directors or any Lundin Mining group member shall occur that is required to be described in this Information Circular, Lundin Mining shall give prompt notice to Tenke of such event; and

(h) promptly after the exchange of securities pursuant to the Plan of Arrangement and, in all events within 30 days of the Effective Date, take all necessary steps to amalgamate Tenke with Lundin Mining or to amalgamate Tenke and a wholly-owned subsidiary of Lundin Mining.

Notice and Cure Provisions

Promptly after the date of the Business Combination Agreement and, if necessary, for a reasonable time after the closing date, Tenke and Lundin Mining have agreed to use all reasonable effort to cooperate with each other to obtain all consents, waivers, approvals and authorizations which may be necessary to effect the Arrangement.

Each of Tenke and Lundin Mining have agreed to promptly execute and file, or join in the execution and filing of, any application or other document that may be necessary in order to obtain the authorization, approval or consent of any governmental entity which may be reasonably required, or which the other party may reasonably request in connection with the consummation of the transactions contemplated by the Business Combination Agreement. Each of Tenke and Lundin Mining will use reasonable efforts to obtain promptly all such authorizations, approvals and consents.

Termination of the Business Combination Agreement/Payment of Break Fee

The Business Combination Agreement may be terminated at any time prior to the Effective Time, whether before or after approval of the Arrangement Resolution by the Tenke Shareholders or of the Lundin Mining Resolution by the Lundin Shareholders or any other matters presented in connection with the Arrangement:

- by mutual written consent of Lundin Mining and Tenke.

- by Lundin Mining or Tenke if there has been a breach of any of the representations, warranties, covenants and agreements on the part of the other set forth in the Business Combination

Agreement, which breach has or is likely to result in the failure of the conditions set forth in the Business Combination Agreement, as the case may be, to be satisfied and in each case has not been cured within 10 Business Days following receipt by the breaching party of notice of such breach from the non-breaching party.

- by either Lundin Mining or Tenke if any permanent order, decree, ruling or other action of a court or other competent authority restraining, enjoining or otherwise preventing the completion of the Arrangement shall have become final and non-appealable.

- by Lundin Mining if:

  (a) Tenke or the Tenke Board, or any committee thereof, withdraws or modifies in a manner adverse to Lundin Mining, its approval of the Business Combination Agreement or its recommendation that Tenke Shareholders vote in favour of the Arrangement Resolution or approves or recommends a Competing Proposal or resolves to do any of the foregoing; or

  (b) Tenke or any of its affiliates shall have entered into a transaction agreement to effect a Competing Proposal; or

  (c) the Arrangement is not approved by the Tenke Shareholders in accordance with the Interim Order.

  If Lundin Mining terminates the Business Combination Agreement in the circumstances described in (a) or (b) above, Tenke is required to pay the Break Fee to Lundin Mining, unless the change in recommendation referred to in (a) is made as a consequence of a "corporate action" taken by Lundin Mining and Tenke so notifies Lundin Mining at the time of the change in recommendation. In such circumstances, no Break Fee is payable. The type of Lundin Mining corporate actions that would provide Tenke with the right to deliver a notice of termination are the entry by Lundin Mining into material transactions (e.g., acquisitions, incurrence of debt), changes in corporate startup and changes in accounting policies).

- by Tenke if:

  (a) Lundin Mining or the Lundin Board, or any committee thereof, withdraws its approval of the Business Combination Agreement or its recommendation that Lundin Shareholders vote in favour of the Lundin Resolution or resolve to do so; or

  (b) the Arrangement is not approved by the Tenke Shareholders in accordance with the Interim Order;

- by Tenke if Tenke or any Tenke Group Member enters into a Tenke transaction agreement to effect a Competing Proposal in a manner permitted by the Business Combination Agreement, provided that Tenke concurrently pays Lundin Mining the Break Fee.

- by Tenke if: (i) Lundin Mining amends the terms of the offer to acquire all of the shares and warrants of Rio Narcea by increasing or changing the form of the consideration payable thereunder; and (ii) the Tenke Board determines, in good faith, that if the offer to acquire all of the shares and warrants of Rio Narcea is completed on such amended terms, completing the Arrangement will no longer be in the best interests of Tenke or is no longer fair, from a financial point of view, to the holders of Tenke Shares.

- by Tenke or Lundin Mining if the Lundin Resolution is not approved by the Lundin Shareholders at the Lundin Meeting provided that in the case of termination by Lundin Mining, Lundin Mining will be required to pay Tenke the sum of CDN$3 million to compensate Tenke for the termination of its rights under the Business Combination Agreement.

- by Lundin Mining if any of the Tenke Lock Up Agreements have been terminated or otherwise breached in any material manner by any of the locked up Tenke Shareholders, such that it is clear that as a result of such breach or termination such locked up Tenke Shareholder will not vote all of its Tenke Shares in favour of the Arrangement Resolution.

- by Tenke if any of the Lundin Lock Up Agreements have been terminated or otherwise breached in any material manner by any of the locked up Lundin Shareholders, such that it is clear that as a result of such breach or termination such locked up Lundin Shareholder will not vote all of its Lundin Shares in favour of the Lundin Resolution.

- by Lundin Mining or Tenke if the Arrangement is not completed by the Termination Date provided that the party then seeking to terminate this Agreement is not then in default of any of its obligations hereunder.

- by Lundin Mining if Tenke has breached the provisions of the Business Combination Agreement prohibiting the solicitation of a Competing Proposal in a material manner. If the Business Combination Agreement is terminated for these reasons, Tenke will be required to pay the Break Fee to Lundin Mining.

Amendment and Termination of the Plan of Arrangement

The Plan of Arrangement may be amended, modified and/or supplemented as follows:

- Lundin Mining and Tenke may amend, modify and/or supplement the Plan of Arrangement at any time and from time to time prior to the Effective Date, provided that any such amendment, modification and/or supplement must be contained in a written document which is: (i) agreed to by each of Lundin Mining and Tenke pursuant to the Business Combination Agreement; (ii) filed with the Court and, if made following the Tenke Meeting, approved by the Court; and (iii) if so required by the Court, communicated to Tenke Shareholders in the manner required by the Court.

- Any amendment, modification or supplement to the Plan of Arrangement proposed by Lundin Mining or Tenke at any time prior to or at the applicable shareholders' meeting shall, with or without any prior notice or communication, and if so proposed and accepted by the persons voting at the applicable meeting (other than as may be required under the Interim Order), become part of the Plan of Arrangement for all purposes.

- Any amendment, modification and/or supplement to the Plan of Arrangement that is approved by the Court following the Meeting shall be effective only if: (i) it is agreed to by each of Lundin Mining and Tenke pursuant to the Business Combination Agreement; and (ii) if required by the Court, is consented to by Tenke Shareholders voting in the manner directed by the Court.

- Any amendment, modification and/or supplement to the Plan of Arrangement may be made by Lundin Mining and Tenke after the Effective Date without the approval of the holders of Lundin Shares or former holders of Tenke Shares provided that: (i) it is agreed to by the parties pursuant

to the Business Combination Agreement; and (ii) it concerns a matter which, in the reasonable opinion of Lundin Mining and Tenke, is of an administrative or ministerial nature required to better give effect to the implementation of the Plan of Arrangement and is not materially adverse to the financial or economic interests of the holders of Lundin Shares or the former holders of Tenke Shares.

At any time up until the time the Final Order is made, but subject to the Business Combination Agreement, Tenke and Lundin Mining may mutually determine not to proceed with the Plan of Arrangement or to terminate the Plan of Arrangement notwithstanding any prior approvals given at the Meeting or the Lundin Meeting.

The Plan of Arrangement will automatically terminate and be of no further force and effect upon the termination of the Business Combination Agreement in accordance with its terms.

CONDUCT OF MEETING AND OTHER APPROVALS

Court Approval of the Arrangement

In order for the Arrangement to be effected, the CBCA requires the Business Combination Agreement to be approved by a Special Resolution (the Arrangement Resolution) passed by the Tenke Shareholders. The complete text of the Arrangement Resolution to be presented to the Meeting is set forth in Schedule "A" to this Information Circular. The Arrangement Resolution must be approved by a majority of at least two-thirds of the votes of those Tenke Shareholders who either are present at the Meeting in person or by proxy.

The Arrangement, under the CBCA, requires the approval of the Court.

On May 18, 2007, prior to mailing of the material in respect of the Meeting, Tenke obtained an Interim Order providing for the calling and holding of the Meeting and other procedural matters and issued a Notice of Application for the final order (the "**Final Order**") to approve the Arrangement. Attached are copies of the Interim Order as Schedule "C" and the notice of application (the "**Notice of Application**") for the Final Order as Schedule "C".

The Court hearing in respect of the Final Order is scheduled to take place at 10:00 a.m., Toronto time, on June 21, 2007, following the Meeting or as soon thereafter as counsel for Tenke may be heard, at the Courthouse, 330 University Avenue, 7th Floor, Toronto, Ontario subject to the approval of the Arrangement Resolution at the Meeting. ***Tenke Shareholders who wish to participate in or be represented at the Court hearing should consult with their legal advisors as to the necessary requirements.***

At the Court hearing, Tenke Shareholders and creditors of Tenke who wish to participate or to be represented or to present evidence or argument may do so, subject to the rules of the Court. Although the authority of the Court is very broad under the CBCA, Tenke has been advised by counsel that the Court will consider, among other things, the fairness and reasonableness of the terms and conditions of the Arrangement and the rights and interests of every person affected. The Court may approve the Arrangement as proposed or as amended in any manner as the Court may direct. The Court's approval is required for the Arrangement to become effective and the Court has been informed that if such approval is obtained, this will constitute the basis for an exemption from the registration requirements of the U.S. Securities Act with respect to Lundin Shares and Suramina Shares to be issued pursuant to the Arrangement as described below under "Securities Laws Considerations - U.S. Securities Laws". In addition, it is a condition of the Arrangement that the Court will have determined, prior to approving the

Final Order, that the terms and conditions of the exchanges of shares and stock options contemplated by the Arrangement are fair to those Tenke Shareholders to whom securities will be issued upon completion of the Arrangement.

Under the terms of the Interim Order, each Tenke Shareholder will have the right to appear and make representations at the application for the Final Order. Any person desiring to appear at the hearing to be held by the Court to approve the Arrangement pursuant to the Notice of Application is required to file with the Court and serve upon Tenke at the address set out below, on or before 12:00 p.m., Toronto time, on June 19, 2007, a notice of his, her or its intention to appear ("**Appearance Notice**"), including his, her or its address for service, together with any evidence or materials which are to be presented to the Court. The Appearance Notice and supporting materials must be delivered, within the time specified, to Tenke at the following address: Suite 1100, 888 Dunsmuir Street, Vancouver, British Columbia, V6C 3K4.

Regulatory Approvals

If the Arrangement Resolution is approved by the requisite majority of Tenke Shareholders, final approval of the Court must be obtained for all of the transactions contemplated by the Arrangement in order for the Arrangement to be completed.

Tenke Shares and Lundin Shares currently trade on the TSX and acceptance of the Arrangement by the TSX is required. The TSX has conditionally approved the Arrangement subject to filing the usual documents upon completion of the Arrangement. In addition, Lundin Mining will apply to the AMEX to list the Lundin Shares to be issued in connection with the Arrangement and certain filings will be required to be made with the Swedish Stock Exchange with respect to Lundin Mining. Application will be made for listing of the Suramina Shares on the TSX. Any listing will be subject to meeting TSX original listing requirements and there is no assurance such a listing will be obtained.

Tenke Shareholders should be aware that the foregoing approvals have not yet been given by the regulatory authorities referred to above. Tenke cannot provide any assurances that such approvals will be obtained.

Fees and Expenses

All expenses incurred in connection with the Arrangement and the transactions contemplated thereby will be paid by the party incurring such expenses, subject to the provisions related to the Break Fee which may become payable to Lundin Mining by Tenke in certain circumstances and to the compensation that may become payable to Tenke by Lundin Mining in certain circumstances, in each case as described above under the "Business Combination Agreement".

RIGHTS OF DISSENTING SHAREHOLDERS

Tenke Shareholders who wish to dissent should take note that the procedures for dissenting to the Arrangement require strict compliance with the applicable dissent procedures

As indicated in the Notice of the Meeting, any holder of Tenke Shares is entitled to be paid the fair value of his Tenke Shares in accordance with Section 190 of the CBCA if such Tenke Shareholder duly dissents to the Arrangement Resolution and the Arrangement becomes effective. A Tenke Shareholder is not entitled to dissent with respect to such holder's Tenke Shares if such Tenke Shareholder votes any of those Tenke Shares in favour of the Arrangement Resolution.

The Plan of Arrangement provides that Tenke Shareholders who duly exercise Dissent Rights with respect to their Tenke Shares (the "**Dissenting Shares**") and who are ultimately entitled to be paid fair value for those Tenke Shares will be deemed to have transferred their Dissenting Shares which will have been redesignated as Tenke Class B Shares to Tenke immediately before the Effective Date in consideration of Tenke agreeing to be solely responsible for paying the fair value for the Dissenting Shares. If the dissenting Tenke Shareholders are not entitled, for any reason, to be paid for their Dissenting Shares, they will be deemed to have participated in the Arrangement on the same basis as a non-dissenting Tenke Shareholder and will receive Lundin Shares and CDN$0.001 and Suramina Shares on the same basis as every other non-dissenting Tenke Shareholder. In no case, however, will Tenke be required to recognize such persons as holding Tenke Shares on or after the Effective Date.

If a Tenke Shareholder exercises the Dissent Rights, Lundin Mining and Suramina will on the Effective Date set aside a number of Lundin Shares and Suramina Shares, respectively, which are attributable under the Arrangement to the Tenke Shares for which Dissent Rights have been exercised. If the Dissenting Shareholder is ultimately not entitled to be paid for their Dissenting Shares which have been redesignated as Tenke Class B Shares in accordance with the Plan of Arrangement, they will be deemed to have participated in the Arrangement on the same basis as the non-dissenting Tenke Shareholders and Lundin Mining and Suramina will distribute to such Tenke Shareholder, the Lundin Shares and CDN$0.001 and the Suramina Shares that the Tenke Shareholder is entitled to receive pursuant to the terms of the Arrangement. If a Tenke Shareholder duly complies with the Dissent Procedures and is ultimately entitled to be paid for their Dissenting Shares, Tenke will pay the amount to be paid in respect of the Dissenting Shares and in consideration therefor, Tenke will be deemed to have acquired the Dissenting Shares.

Section 190 of the CBCA

A brief summary of the provisions of Sections 190 of the CBCA is set out below. The Business Combination Agreement also provides that each Registered Tenke Holder is entitled to dissent from the Arrangement and to be paid the fair value of the Tenke Shares held by such Registered Tenke Holder in respect of which such Registered Tenke Holder dissents, determined as of the day before the date on which the Arrangement Resolution is passed (and in the event that the Arrangement becomes effective) in connection with the Plan of Arrangement (the "**Dissent Right**") provided that such Registered Tenke Holder complies with Section 190 of the CBCA (as modified by the Interim Order, the Final Order and the Business Combination Agreement) as if Section 190 (as so modified) were applicable to such Registered Tenke Holders. Registered Tenke Holders who exercise Dissent Rights and who are ultimately determined not to be entitled, for any reason, to be paid fair value for their Tenke Shares, shall have participated and shall be deemed to have participated in the Arrangement, as at the Effective Time, on the same basis as a non-Dissenting Shareholder and shall receive Suramina Shares and Lundin Shares and cash in respect of their Tenke Shares on the basis of the Exchange Ratio. In no case shall Tenke, Lundin Mining or any other person be required to recognize a Dissenting Shareholder as a holder of Tenke Shares after the Effective Time and the name of each Dissenting Shareholder shall be deleted from the register of holders of Tenke Shares as at the Effective Time.

The following summary does not purport to provide comprehensive statements of the procedures to be followed in dissenting under the CBCA. However, the CBCA requires adherence to the procedures established therein and failure to do so may result in the loss of all of a dissenter's rights. **Accordingly, a Tenke Shareholder who might desire to exercise the Dissent Rights should carefully consider and comply with the provisions of those sections and consult a legal adviser.**

Under Section 190 of the CBCA, a Dissenting Shareholder who seeks payment of the fair value of their Tenke Shares is required to send a written objection to the Arrangement Resolution to Tenke or its transfer agent at or prior to the Meeting. The address for such purposes is Suite 1100, 888 Dunsmuir

Street, Vancouver, British Columbia, V6C 3K4 Attention: Corporate Secretary. A vote against the Arrangement Resolution or withholding votes does not constitute a written objection. Within 10 days after the Arrangement Resolution is approved, Tenke must so notify the Dissenting Shareholder who is then required, within 20 days after receipt of such notice (or if they do not receive such notice, within 20 days after they learn of the approval of the Arrangement Resolution) to send Tenke a written notice containing the Tenke Shareholder's name and address, the number of Tenke Shares in respect of which the Tenke Shareholder dissents and a demand for payment of the fair value of such Tenke Shares. Within 30 days after sending such written notice, the Dissenting Shareholder must send Tenke the appropriate share certificate or certificates. Once the Arrangement Resolution becomes effective, Tenke is required to determine the fair value of the Tenke Shares and to make a written offer to pay such amount to the Dissenting Shareholder. Tenke must, no later than seven days after the later of the day on which the Arrangement Resolution is effective, or the day Tenke received the notice from the Dissenting Shareholder described above, send to each such Dissenting Shareholder a written offer to pay for their Tenke Shares in an amount considered by the directors of Tenke to be the share value, accompanied by a statement showing how the fair value was determined or, if payment to a Dissenting Shareholder would render Tenke insolvent, a notification that Tenke is unable lawfully to pay Dissenting Shareholders for their Tenke Shares. Where payment is to be made, Tenke must pay for the Tenke Shares of a Dissenting Shareholder within ten days of acceptance by the Dissenting Shareholder of an offer made by Tenke, but any such offer lapses if Tenke does not receive an acceptance within 30 days after the offer has been made. Where Tenke fails to make an offer, or if a Dissenting Shareholder fails to accept an offer, Tenke may, within 50 days after the Arrangement Resolution becomes effective, or such further period as the Court may allow, apply to the Court to fix the fair value of such Tenke Shares. There is no obligation on Tenke to apply to the Court. If Tenke fails to make such an application, a Dissenting Shareholder has the right to so apply within a further 20 days, or such further period as the Court may allow. If an application is made by either party, the Dissenting Shareholder will be entitled to be paid the amount fixed by the Court.

The fair value of the Tenke Shares as determined for such purpose by a court, will not necessarily be the same as and could vary significantly from the market value of the Tenke Shares as determined by trading on the TSX. Reference is made to the following recent cases for further information concerning fair value in the context of Dissent Rights: *Re Brant Investments Ltd. and Keep-Rite Inc.* (1987), 60 O.R. (2d) 737 (H.C.J.); aff'd (1991), 3 O.R. (3d) 289 (C.A.); *New Quebec Raglan Mines Ltd. v. Blok-Andersen* (1993), 9 B.L.R. (2d) 93 (Ont. Gen. Div.), rev'd as to costs June 2, 1997 (C.A.); *Smeenk v. Dexleigh Corp.* (1990), 74 O.R. (2d) 385, aff'd. (1993), 15 O.R. (3d) 608 (C.A.); *Silber et. al. v. BGR Precious Metals Inc.* (1998), 41 O.R. (3d) 147, aff'd (2000), 46 O.R. (3d) 255 (C.A.).

Strict Compliance with Dissent Provisions Required

The foregoing summary does not purport to provide a comprehensive statement of the procedures to be followed by a Dissenting Shareholder who seeks payment of the fair value of his Tenke Shares. Section 190 of the CBCA requires strict adherence to the procedures established therein and failure to do so may result in the loss of all Dissent Rights. Accordingly, each Tenke Shareholder who might desire to exercise the Dissent Rights should carefully consider and comply with the provisions of Section 190 of the CBCA and consult their legal advisor.

CANADIAN FEDERAL INCOME TAX CONSIDERATIONS

Because the tax consequences of the Arrangement may vary depending upon the particular circumstances of each Tenke Shareholder and other factors, Tenke Shareholders are urged to consult with their own tax advisers to determine the particular tax consequences to them of the Arrangement.

In the opinion of Thorsteinssons LLP, Canadian tax counsel to Tenke, the following summary fairly describes the principal Canadian federal income tax considerations relating to the Arrangement generally applicable to a beneficial owner of Tenke Shares who, for the purposes of the *Income Tax Act* (Canada) (the "**ITA**"): (i) holds Tenke Shares, and will hold Lundin Shares and Suramina Shares acquired pursuant to the Arrangement, as capital property; (ii) deals at arm's length with Tenke, Lundin Mining, and Suramina; and (iii) is not affiliated with Tenke, Lundin Mining, or Suramina (a "**Holder**"). This summary also describes certain Canadian federal income tax considerations to a holder of Tenke Stock Options who received their Tenke Stock Options in respect of, in the course of or by virtue of their employment with Tenke or a corporation which did not deal at arm's length with Tenke for the purposes of the ITA (an "**Optionholder**").

Generally, Tenke Shares, Lundin Shares and Suramina Shares will be considered to be capital property to a Holder unless the shares are held in the course of carrying on a business or were acquired in a transaction considered to be an adventure in the nature of trade. Certain Holders who are resident in Canada and who might not otherwise be considered to own such shares as capital property may be entitled to have them treated as capital property by making the election provided by subsection 39(4) of the ITA. Any Holder contemplating making a subsection 39(4) election should consult their tax adviser for advice as to whether the election is available or advisable in their particular circumstances.

This summary is not applicable to a Holder: (i) that is a "financial institution" for the purposes of the mark-to-market rules contained in the ITA; or (ii) who has acquired Tenke Shares upon the exercise of an employee stock option.

This summary is based upon the current provisions of the ITA, the regulations thereunder (the "**Regulations**") and counsel's understanding of the current administrative practices and policies of the Canada Revenue Agency (the "**CRA**"). This summary also takes into account all specific proposals to amend the ITA and the Regulations (the "**Proposed Amendments**") announced by the Minister of Finance (Canada) prior to the date hereof and assumes that all Proposed Amendments will be enacted in their current form. However, there can be no assurance that the Proposed Amendments will be enacted in the form proposed or at all. Except for the Proposed Amendments, this summary does not take into account or anticipate any changes in law, whether by legislative, governmental or judicial action or decision, nor does it take into account provincial, territorial or foreign income tax considerations, which may differ from the Canadian federal income tax considerations discussed below. An advance income tax ruling will not be sought from the CRA in respect of the Arrangement.

This summary is of a general nature only and is not exhaustive of all possible Canadian federal income tax considerations. This summary is not intended to be, nor should it be construed to be, legal or tax advice to any Holder or Optionholder. Accordingly, Holders and Optionholders should consult their own tax advisers for advice as to the income tax consequences to them of the Arrangement having regard to their own particular circumstances.

Shareholders Resident in Canada

The following portion of the summary is applicable to a Holder who is resident, or is deemed to be resident, in Canada for purposes of the ITA (a "**Resident Holder**").

Exchange of Tenke Class B Shares for Tenke Class A Shares and Suramina Shares

Tenke has informed counsel that the aggregate fair market value of the Suramina Shares when they are distributed on the exchange of Tenke Class B Shares for Tenke Class A Shares and Suramina Shares is expected to be substantially lower than the aggregate paid-up capital (computed for the purposes of the ITA) of the Tenke Class B Shares (the redesignated Tenke Shares) immediately before the distribution of Suramina Shares. Accordingly, Tenke is not expected to be deemed to have paid a dividend as a result of the distribution of Suramina Shares. If, contrary to the foregoing, the aggregate fair market value of the Suramina Shares at the time of distribution were to exceed the aggregate paid-up capital of the Tenke Class B Shares (other than Tenke Class B Shares which are disposed of in consideration for a cash payment as a consequence of the exercise of Dissent Rights) immediately before the distribution, Tenke would be deemed to have paid a dividend on such Tenke Class B Shares equal to the amount of the excess, and each Resident Holder receiving Suramina Shares would be deemed to have received a pro rata portion of the dividend, based on the proportion of Tenke Class B Shares held.

Assuming that the aggregate fair market value of the Suramina Shares at the time of distribution does not exceed the aggregate paid-up capital of Tenke Class B Shares (other than Tenke Class B Shares which are disposed of consequent to the exercise of Dissent Rights) immediately before the distribution, a Resident Holder whose Tenke Class B Shares are exchanged for Tenke Class A Shares and Suramina Shares will be considered to have disposed of the Tenke Class B Shares for proceeds of disposition equal to the greater of the Resident Holder's adjusted cost base of the Tenke Class B Shares immediately before the exchange (which will equal the Resident Holder's adjusted cost base of the Tenke Shares immediately before their redesignation) and the fair market value of those Suramina Shares at the time of their distribution. Consequently, the Resident Holder will realize a capital gain to the extent that the fair market value of those Suramina Shares at the time of distribution exceeds the adjusted cost base of the Resident Holder's Tenke Class B Shares at that time.

If, contrary to Tenke's expectations, the aggregate fair market value of the Suramina Shares at the time of their distribution were to exceed the aggregate paid-up capital of the Tenke Class B Shares (other than Tenke Class B Shares which are disposed of consequent to the exercise of Dissent Rights) immediately before the distribution, the proceeds of disposition of the Resident Holder's Tenke Class B Shares would be reduced by the amount of the deemed dividend that the Resident Holder is deemed to have received (as discussed above). See "Taxation of Capital Gains and Losses" below for a general description of the treatment of capital gains and losses under the ITA.

The cost to a Resident Holder of Suramina Shares acquired on the exchange will be equal to the fair market value of the Suramina Shares at the time of the exchange. The cost to a Resident Holder of Tenke Class A Shares acquired on the exchange will be equal to the amount, if any, by which the adjusted cost base of the Resident Holder's Tenke Class B Shares immediately before the exchange exceeds the fair market value of the Suramina Shares received on the exchange (measured at the time of the exchange).

Exchange of Tenke Class A Shares for Lundin Shares and Cash – No Section 85 Election

A Resident Holder whose Tenke Class A Shares are exchanged for cash and Lundin Shares pursuant to the Arrangement, and who does not make a valid election (a "**Section 85 Election**") jointly with Lundin Mining with respect to the exchange, will be considered to have disposed of those Tenke Class A Shares for proceeds of disposition equal to the aggregate of the cash so received and the fair market value, as at the time of the exchange, of the Lundin Shares so acquired by the Resident Holder. As a result, the Resident Holder will generally realize a capital gain (or capital loss) to the extent that such proceeds of disposition, net of any reasonable costs of disposition, exceed (or are less than) the adjusted cost base of the Resident Holder's Tenke Class A Shares immediately before the exchange. See "Taxation of Capital

Gains and Losses'' below for a general discussion of the treatment of capital gains and losses under the ITA.

The cost to the Resident Holder of the Lundin Shares acquired on the exchange will equal the fair market value of those shares as at the time of the exchange. If the Resident Holder separately owns other Lundin Shares at that time, the adjusted cost base of all Lundin Shares owned by the Resident Holder immediately after the exchange will be determined by averaging the cost of the Lundin Shares acquired on the exchange with the adjusted cost base of those other Lundin Shares.

Exchange of Tenke Class A Shares for Lundin Shares and Cash – Section 85 Election

A Resident Holder whose Tenke Class A Shares are exchanged for cash and Lundin Shares pursuant to the Arrangement and who is an Eligible Holder may make a Section 85 Election jointly with Lundin Mining pursuant to Section 85 of the ITA and thereby obtain a full or partial tax-deferred rollover for Canadian federal income tax purposes, depending on the Elected Amount (as defined below) and the adjusted cost base of the Eligible Holder's Tenke Class A Shares at the time of the exchange. The Eligible Holder will be required to designate an amount (the "**Elected Amount**") in the Section 85 Election that will be deemed to be the proceeds of disposition of the holder's Tenke Class A Shares. So long as the Resident Holder's adjusted cost base of the Tenke Class A Shares equals or exceeds the amount of cash received by the Resident Holder on the exchange, the electing Resident Holder may select an Elected Amount so as to avoid the realization of a capital gain for the purposes of the ITA on the exchange.

In general, the Elected Amount may not be

(a) less than the amount of cash received by the Eligible Holder on the exchange,

(b) less than the lesser of the adjusted cost base and fair market value of the Eligible Holder's Tenke Class A Shares determined immediately before the exchange, nor

(c) greater than the fair market value of the Tenke Class A Shares at the time of the exchange.

The tax treatment to an Eligible Holder who makes a valid Section 85 Election jointly with Lundin Mining generally will be as follows:

(a) the Eligible Holder will be deemed to have disposed of the holder's Tenke Class A Shares for proceeds of disposition equal to the Elected Amount;

(b) the Eligible Holder will not realize any capital gain or loss if the Elected Amount equals the aggregate of the adjusted cost base of the Eligible Holder's Tenke Class A Shares determined immediately before the exchange and any reasonable costs of disposition;

(c) the Eligible Holder will realize a capital gain (or capital loss) to the extent that the Elected Amount exceeds (or is less than) the aggregate of the adjusted cost base of the Eligible Holder's Tenke Class A Shares and any reasonable costs of disposition; and

(d) the aggregate cost to the Eligible Holder of the Lundin Shares acquired on the exchange will equal the amount, if any, by which the Elected Amount exceeds the cash received by the Eligible Holder and, if the holder separately owns other Lundin Shares at that time, will be averaged with the adjusted cost base of those other Lundin Shares.

An Eligible Holder who wishes to make a Section 85 Election must complete the appropriate federal election form (Form T2057 or, in the event that the Tenke Class A Shares are held by a partnership, Form T2058) and, where necessary, separate provincial election forms. The Eligible Holder must deliver two copies of the necessary federal election form (and applicable provincial forms) to PricewaterhouseCoopers LLP within 90 days following the Effective Date, duly completed with the details of the number of Tenke Class A Shares transferred and the applicable Elected Amount for the purposes of such elections (address: Lundin Election Process, c/o PricewaterhouseCoopers LLP, 250 Howe Street, Suite 200, Vancouver, BC V6C 3S7). Additional information on how to make the joint election(s) and where to deliver the forms will be provided on Tenke's and Lundin's websites following the Effective Date.

Subject to the election forms complying with the provisions of the ITA (or applicable provincial income tax law), one copy of the election form will be returned to the Eligible Holder at the address indicated on the election form, signed by Lundin Mining or its successor, for filing by the Eligible Holder with the CRA (or applicable provincial tax authority). Any Eligible Holder who does not ensure that the duly completed election forms have been received by Lundin Mining or its successor on or before the 90th day after the Effective Date will not be able to benefit from the Section 85 rollover provisions of the ITA (or corresponding provisions of applicable provincial tax legislation). At its sole discretion, Lundin Mining or its successor may accept and execute a Section 85 Election that is not received within the 90-day period; however, no assurance can be given that Lundin Mining or its successor will do so. Accordingly, all Eligible Holders who wish to make a joint election with Lundin Mining or its successor should give their immediate attention to this matter.

Where Tenke Class A Shares are held in joint ownership and two or more of the co-owners wish to elect, one of the co-owners designated for such purpose must file one copy of Form T2057 (and where applicable, the corresponding provincial forms) on behalf of each co-owner with a list of all co-owners electing under Section 85, and their addresses and social insurance or business numbers. Where the Tenke Class A Shares are held as partnership property, a partner designated by the partnership must file one copy of Form T2058 (and, where applicable, the corresponding provincial forms) on behalf of all members of the partnership. Form T2058 must be accompanied by a list containing the name, address, social insurance number or business number of each partner and written authorization signed by each partner authorizing the designated partner to complete and file the form. Eligible Holders should consult their own tax advisors to determine which filing requirements, if any, there are under applicable provincial legislation.

Compliance with the requirements to ensure a valid election is filed under Section 85 of the ITA, including selection of the appropriate Elected Amount, will be the sole responsibility of the electing Eligible Holder, and such Eligible Holder will be solely responsible for the payment of any late filing penalties. In order for a Eligible Holder to benefit from the Section 85 rollover provision of the ITA and avoid late filing penalties, a completed election form must be filed by the Eligible Holder with the CRA on or before the earliest day by which either Lundin Mining or the Eligible Holder is required to file an income tax return for the taxation year in which the exchange occurs. Lundin Mining or its successor agrees only to add the required information regarding Lundin Mining to any properly completed election form and to forward one copy of such election form by mail to the Eligible Holder at the address indicated on the election form(s) by the 90th day after the receipt thereof. Eligible Holders should make themselves aware of the CRA filing deadline which may apply to them with respect to the filing of a completed election form and ensure that materials are supplied to Lundin Mining at least 90 days in advance of the CRA deadline for the filing of a completed election form that may be applicable to any Eligible Holder. None of Lundin Mining or its successor, Tenke or the Depositary will be responsible for or liable for taxes, interest, penalties, damages or expenses resulting from the failure by anyone to

properly complete any election form or to properly file it within the time prescribed and in the form prescribed under the ITA (or corresponding provisions of any applicable provincial tax legislation). For greater certainty, the execution of an election by Lundin Mining or its successor will not constitute confirmation by Lundin Mining or its successor that any such election has been properly completed.

Eligible Holders should consult their own advisors as soon as possible to determine the filing deadline applicable in their circumstances. Regardless of such deadline, Lundin Mining or its successor must receive an Eligible Holder's tax election forms no later than the 90th day after the Effective Date. As Lundin Mining or its successor has agreed to execute and return the election form to the Eligible Holder within 90 days of its receipt by Lundin Mining or its successor, some Eligible Holders may have to forward their tax election forms to Lundin Mining or its successor earlier than the 90th day after the Effective Date to avoid late filing penalties.

Eligible Holders are referred to Information Circular 76-1 9R3 and Interpretation Bulletin IT-29 1 R3 issued by the CRA for further information respecting the election (available on the CRA's website at www.cra-arc.gc.ca or from any CRA office).

Eligible Holders wishing to make the election should consult their own tax advisors. The comments herein with respect to such elections are provided for general assistance only, and are limited to the Canadian federal income tax elections filed pursuant to Section 85 of the ITA. Eligible Holders are advised that the law in this area is complex and contains numerous technical requirements that must be complied with in order to make a valid election, and that any provincial tax filing requirements may differ markedly from the Canadian federal income tax filing requirements described herein.

Dividends on Lundin Shares and Suramina Shares

In the case of a Resident Holder who is an individual, dividends received or deemed to be received on Lundin Shares or Suramina Shares will be included in computing the individual's income and will be subject to the gross-up and dividend tax credit rules normally applicable to taxable dividends received from taxable Canadian corporations. Taxable dividends which Lundin Mining or Suramina, as the case may be, designates as "eligible dividends" will be grossed up by 45% and the dividend tax credit will be 11/18 of the gross-up amount. Dividends which are not designated as "eligible dividends" will be grossed up by 25% and the dividend tax credit will be 2/3 of the gross-up amount.

In the case of a Resident Holder that is a corporation, dividends received or deemed to be received on Lundin Shares or Suramina Shares will be included in computing the corporation's income and will generally be deductible in computing its taxable income. A "private corporation" or a "subject corporation" (as defined in the ITA) may be liable under Part IV of the ITA to pay a refundable tax of 33 1/3% on dividends received or deemed to be received on Lundin Shares or Suramina Shares to the extent that such dividends are deductible in computing the corporation's taxable income.

Disposition of Lundin Shares and Suramina Shares

The disposition or deemed disposition of Lundin Shares or Suramina Shares by a holder will generally result in a capital gain (or capital loss) equal to the amount by which the proceeds of disposition, net of any reasonable costs of disposition, exceed (or are less than) the adjusted cost base to the holder of those shares immediately before the disposition. See "Taxation of Capital Gains and Losses" below for a general description of the treatment of capital gains and losses under the ITA.

Taxation of Capital Gains and Losses

One-half of any capital gain (a "taxable capital gain") realized by a Resident Holder in a taxation year will be included in the holder's income for the year. One-half of any capital loss (an "allowable capital loss") realized by the Resident Holder in a year may be deducted against taxable capital gains realized in the year. Allowable capital losses in excess of taxable capital gains realized in a taxation year may be carried back up to three taxation years or carried forward indefinitely and deducted against net taxable capital gains in those other years, to the extent and in the circumstances specified in the ITA.

If the Resident Holder is a corporation, the amount of any capital loss arising from a disposition or deemed disposition of a share may be reduced by the amount of certain dividends received or deemed to be received by the corporation on the share, to the extent and under circumstances specified by the ITA. Similar rules may apply where the corporation is a member of a partnership or a beneficiary of a trust that owns shares, or where a partnership or trust of which the corporation is a member or beneficiary is a member of a partnership or a beneficiary of a trust that owns shares.

Dissenting Shareholders

A Resident Holder who, consequent upon the exercise of Dissent Rights, disposes of Tenke Class B Shares in consideration for a cash payment from Tenke will be deemed to have received a dividend from Tenke equal to the amount by which the payment (other than any portion of the payment that is interest awarded by a court) exceeds the paid-up capital (computed for the purposes of the ITA) of the Resident Holder's Tenke Class B Shares. The balance of the payment (equal to the paid-up capital of the Resident Holder's Tenke Class B Shares) will be treated as proceeds of disposition. The dissenting Resident Holder will realize a capital gain (or capital loss) to the extent that the proceeds of disposition, net of any reasonable costs of disposition, exceed (or are less than) the adjusted cost base of the Resident Holder's Tenke Class B Shares. In certain circumstances, the full payment received by a dissenting Resident Holder that is a corporation resident in Canada may be treated under the ITA as proceeds of disposition.

A capital gain or capital loss realized by a dissenting Resident Holder, and any deemed dividend received by the dissenting Resident Holder, will be treated in the same manner as described above under the headings "Taxation of Capital Gains and Losses" and "Dividends on Lundin Shares and Suramina Shares".

Interest awarded by a court to a dissenting Resident Holder will be included in the holder's income for purposes of the ITA.

Alternative Minimum Tax on Individuals

A Resident Holder who is an individual (including certain trusts and estates) is subject to alternative minimum tax under the ITA. This tax is computed by reference to adjusted taxable income. Eighty per cent of capital gains (net of capital losses) and the actual amount of taxable dividends (not including any gross-up) are included in determining the adjusted taxable income of an individual. Any additional tax payable by an individual under the minimum tax provisions may be carried forward and applied against certain tax otherwise payable in any of the seven immediately following taxation years, to the extent specified by the ITA.

Additional Refundable Tax on Canadian-Controlled Private Corporations

A Resident Holder that is a "Canadian-controlled private corporation" (as defined in the ITA) may be liable to pay an additional refundable tax of 6 $^{2}/_{3}$% on certain investment income, including amounts in

respect of net taxable capital gains and dividends or deemed dividends not deductible in computing taxable income.

Eligibility for Investment

The Tenke Class B Shares and the Tenke Class A Shares will, while held by Holders pursuant to the Arrangement, be a qualified investment under the ITA for trusts governed by registered retirement savings plans, registered retirement income funds, deferred profit sharing plans, and registered education savings plans ("**Registered Plans**") provided that, during that time, such shares are listed on a prescribed stock exchange (which includes the TSX) or Tenke is a "public corporation" as defined in the ITA. It is expected that the Tenke Class B Shares and the Tenke Class A Shares will be listed on the TSX at the time of their redesignation and issuance, as the case may be.

The Suramina Shares and the Lundin Shares will be a qualified investment under the ITA for Registered Plans at a particular time provided that, at that time, the shares are listed on a prescribed stock exchange or Suramina or Lundin Mining, as the case may be, is a "public corporation" as defined in the ITA. If the Suramina Shares are not listed on a prescribed stock exchange at the time they are issued pursuant to the Arrangement, but they become listed on a prescribed stock exchange in Canada before the due date for Suramina's first income tax return and Suramina makes the appropriate election in that return, the shares will be considered to be a qualified investment for Registered Plans from the date of issuance.

Shareholders Not Resident in Canada

The following portion of the summary is applicable to a Holder who: (i) has not been, is not, and will not be resident or deemed to be resident in Canada for purposes of the ITA; and (ii) does not and will not use or hold, and is not and will not be deemed to use or hold, Tenke Shares, Lundin Shares or Suramina Shares in connection with carrying on a business in Canada (a "**Non-Resident Holder**"). Special rules, which are not discussed in this summary, may apply to a Non-Resident Holder that is an insurer carrying on business in Canada and elsewhere.

Receipt of Suramina Shares

The earlier discussion of the deemed dividend potentially resulting from the distribution of Suramina Shares under "Shareholders Resident in Canada - Exchange of Tenke Class B Shares for Tenke Class A Shares and Suramina Shares" also applies to a Non-Resident Holder. As noted in the above discussion, Tenke is not expected to be deemed to have paid a dividend as a result of the distribution of the Suramina Shares. In the event that Tenke were deemed to have paid a dividend, the portion of the dividend deemed to have been received by a Non-Resident Holder would be subject to withholding tax under the ITA. See "Dividends on Lundin Shares and Suramina Shares" below for a general discussion of withholding tax on dividends.

Share Exchanges and Subsequent Dispositions of Shares

A Non-Resident Holder who participates in the Arrangement will not be subject to tax under the ITA on any capital gain realized on the exchange of Tenke Class B Shares (the redesignated Tenke Shares) for Tenke Class A Shares and Suramina Shares, or on the exchange of Tenke Class A Shares for Lundin Shares, provided that the shares disposed of do not constitute taxable Canadian property of the Non-Resident Holder at the time of the respective exchanges or an applicable income tax treaty exempts the capital gain from tax under the ITA.

Similarly, any capital gain realized by a Non-Resident Holder on the disposition or deemed disposition of Lundin Shares or Suramina Shares acquired pursuant to the Arrangement will not be subject to tax under the ITA provided that the shares do not constitute taxable Canadian property of the Non-Resident Holder at the time of disposition or an applicable income tax treaty exempts the capital gain from tax under the ITA.

Generally, a share of a corporation owned by a Non-Resident Holder will not be taxable Canadian property of the holder at a particular time provided that: (i) the share is listed on a prescribed stock exchange (which includes the TSX) at that time; (ii) neither the Non-Resident Holder, persons with whom the Non-Resident Holder does not deal at arm's length, nor the Non-Resident Holder together with all such persons has owned 25% or more of the shares of any class or series of the corporation within the previous five years; and (iii) the share was not acquired in a transaction as a result of which the share was deemed to be taxable Canadian property of the Non-Resident Holder. It is expected that the Tenke Class A Shares and the Tenke Class B Shares will be listed on the TSX at the time such shares are exchanged pursuant to the Arrangement.

In the case of a Non-Resident Holder that is a resident of the United States for the purposes of the Canada-United States Income Tax Convention (the "**U.S. Treaty**"), any gain realized by the Non-Resident Holder on a disposition of Tenke Class B Shares, Tenke Class A Shares, Lundin Shares or Suramina Shares that would otherwise be subject to tax under the ITA will be exempt from tax pursuant to the U.S. Treaty provided that the value of such shares is not derived principally from real property situated in Canada.

In the case of a Tenke Class B Share and Tenke Class A Shares owned by an Eligible Non-Resident, the tax consequences discussed above for a like Resident Holder under "Exchange of Tenke Class B Shares for Tenke Class A Shares and Suramina Shares", "Exchange of Tenke Class A Shares for Lundin Shares and Cash – No Section 85 Election" and "Exchange of Tenke Class A Shares for Lundin Shares and Cash – Section 85 Election", as applicable, and under "Taxation of Capital Gains and Losses", will generally apply. Similarly in the event that a Lundin Share or Suramina Share constitutes taxable Canadian property of a Non-Resident Holder and any capital gain that would be realized on the disposition of the share is not exempt from tax under the ITA pursuant to an applicable income tax treaty, then the tax consequences discussed above for a like Resident Holder under "Dispositions of Lundin Shares and Suramina Shares" and "Taxation of Capital Gains and Losses" will generally apply. Any Lundin Shares which are acquired as part of the Arrangement by an Eligible Non-Resident on an exchange which is subject to a Section 85 Election jointly made with Lundin Mining will be deemed to taxable Canadian property of such holder for the purposes of the ITA.

Reporting and withholding obligations apply under section 116 of the ITA when a person who is not resident in Canada for purposes of the ITA disposes of taxable Canadian property, other than excluded property. Excluded property includes shares of a class of shares of a corporation if the class of shares is listed on a prescribed stock exchange. As noted above, it is expected that the Tenke Class A Shares and the Tenke Class B Shares will be listed on the TSX at the time such shares are exchanged pursuant to the Arrangement. In that case, the reporting and withholding obligations will not apply with respect to the exchange of a Non-Resident Holder's Tenke Class B Shares or Tenke Class A Shares that are taxable Canadian property.

Dividends on Lundin Shares and Suramina Shares

Dividends paid, deemed to be paid, or credited on Lundin Shares or Suramina Shares to a Non-Resident Holder will be subject to withholding tax under the ITA at a rate of 25% unless the rate is reduced by an applicable income tax treaty. In the case of a beneficial owner of dividends who is a resident of the United

States for purposes of the U.S. Treaty, the rate of withholding tax on dividends will be reduced to 15%. If the beneficial owner is a company that is a resident of the United States for the purposes of the U.S. Treaty and that owns at least 10% of the voting shares of Lundin Mining or Suramina, as the case may be, the applicable rate of withholding tax on dividends will be 5%.

Dissenting Shareholders

A Non-Resident Holder who, consequent upon the exercise of Dissent Rights, disposes of Tenke Class B Shares (the redesignated Tenke Shares) to Tenke in consideration for a cash payment from Tenke, will be deemed to receive a dividend from Tenke and to realize a capital gain or loss in the same manner as discussed above under "Shareholders Resident in Canada - Dissenting Shareholders". A deemed dividend will be subject to withholding tax as described above under "Shareholders Not Resident in Canada – Dividends on Lundin Shares and Suramina Shares". The same general considerations apply as discussed above under "Shareholders Not Resident in Canada - Share Exchanges and Subsequent Dispositions of Shares" in determining whether a capital gain will be subject to tax under the ITA.

Interest received by a Non-Resident Shareholder consequent upon the exercise of the Dissent Rights will be subject to withholding tax under the ITA at a rate of 25% unless the rate is reduced by an applicable income tax treaty. In the case of a beneficial owner of interest who is a resident of the United States for purposes of the U.S. Treaty, the rate of withholding tax on interest will be reduced to 10%.

Tenke Stock Options

An Optionholder who is resident, or is deemed to be resident, in Canada for the purposes of the ITA and who received Tenke Stock Options in respect of, in the course of or by virtue of their employment with Tenke, or a corporation which does not deal at arm's length with Tenke, and only receives Lundin New Options on the Arrangement in exchange for their Tenke Stock Options, may be deemed to receive an employment benefit as a result of that exchange if the total fair market value of the Lundin Shares (measured immediately after the exchange) which can be acquired by the Optionholder on exercise of the Lundin New Options exceeds the total exercise price payable by the Optionholder under the Lundin New Options (the "**Lundin Option In-The-Money Amount**") by more than the amount by which the fair market value of the Tenke Shares (measured immediately before the exchange) which can be acquired by the Optionholder on exercise of the Tenke Stock Options exceeds the total exercise price payable by the Optionholder under the Tenke Stock Options (the "**Tenke Option In-The-Money Amount**"). In those circumstances, the difference between the fair market value of the Lundin New Options and the amount paid to acquire Tenke Stock Options would be included in employment income of the particular Optionholder for the year in which the exchange occurs. If the Tenke Option In-The-Money Amount and the Lundin Option In-The-Money Amount are equivalent, as is intended to be the case pursuant to the Arrangement, the Lundin New Options received on the Arrangement will be deemed to be the same as and a continuation of the Tenke Stock Options for the purposes of the ITA and no employment benefit will arise as a result of the exchange. Optionholders who did not receive their Tenke Stock Options in respect of, in the course of, or by virtue of their employment with Tenke, or a corporation which does not deal at arm's length with Tenke, should consult their own tax advisors as to the consequences of the Arrangement in their circumstances.

An Optionholder who is not resident in Canada for the purposes of the ITA should consult their own tax advisors for advice having regard to their own particular circumstances.

UNITED STATES FEDERAL INCOME TAX CONSIDERATIONS

To ensure compliance with requirements imposed by the Internal Revenue Service under Circular 230, we inform you that (i) any discussion of U.S. federal income tax issues contained in this Information Circular (including any attachments), unless otherwise specifically stated, was not intended or written to be used, and cannot be used, for the purpose of avoiding penalties under the U.S. Internal Revenue Code, (ii) such discussion was written to support the promotion or marketing of the Arrangement or matters addressed by this Information Circular and (iii) each U.S. Holder should seek advice based upon its particular circumstances from an independent tax advisor.

Scope of This Disclosure

The following discussion is a summary of the anticipated material U.S. federal income tax consequences arising from and relating to the distribution of Suramina Shares in the manner described below (the "**Distribution**"), the exchange of Tenke Shares for Lundin Shares and CDN$0.001 per Tenke Share in the manner described below (the "**Exchange**") and the consequent ownership and disposition of Suramina Shares and Lundin Shares that are generally applicable to U.S. Holders (as defined below) of Tenke Shares that hold their Tenke Shares (and will hold Suramina Shares following the Distribution and Lundin Shares following the Exchange) as capital assets within the meaning of the Internal Revenue Code of 1986, as amended (the "**Code**"). For purposes of this summary, a U.S. Holder is: (i) a citizen or individual resident of the United States; (ii) a corporation or other entity taxable as a corporation that is created or organized under the laws of the United States or any political subdivision thereof; (iii) an estate the income of which is subject to United States federal income tax regardless of its source; or (iv) any trust if a court within the United States is able to exercise primary supervision over the administration of the trust and one or more United States persons have the authority to control all substantial decisions of the trust.

This summary is for general information only and does not address all aspects of U.S. federal income taxation that may be relevant to a U.S. Holder in light of the U.S. Holder's particular circumstances, or to U.S. Holders that may be subject to special treatment under the Code (including without limitation, certain financial institutions, real estate investment trusts, tax-exempt organizations, qualified retirement plans, individual retirement accounts, regulated investment companies, insurance companies, and brokers and dealers or traders in securities or currencies, insurance companies, persons holding stock as part of a straddle, hedge, conversion transaction or other integrated investment, persons whose functional currency is not the U.S. dollar, persons who may have acquired their Tenke Shares (or who will acquire Suramina Shares or Lundin Shares) through the exercise of employee stock options or otherwise as compensation) and U.S. Holders of Tenke Shares who will own, immediately after the Exchange, Lundin Shares representing five percent or more of the total voting power or total value of all of the outstanding shares of Lundin Mining. This summary also does not address the tax treatment of U.S. Holders that hold their Tenke Shares (or will hold Suramina Shares or Lundin Shares) through a partnership or other pass-through entity, and persons subject to the alternative minimum tax. This summary does not address aspects of U.S. taxation other than U.S. federal income taxation, nor does it address any aspects of state, local or foreign tax law.

This discussion is based on the Code, existing, temporary and currently proposed regulations promulgated under the Code, and judicial and administrative interpretations thereof, all as of the date hereof and all of which are subject to change, possibly with retroactive effect. Tenke has not requested any ruling from the Internal Revenue Service ("**IRS**") with respect to the statements made and the conclusions reached in this summary. No assurance can be given that the IRS will agree with such statements and conclusions, or will not take, or a court will not adopt, a position contrary to any position taken herein.

Each U.S. Holder is urged to consult with its tax advisor regarding the tax consequences of the Distribution, the Exchange and the consequent ownership and disposition of Suramina Shares and Lundin Shares, including the effects of U.S. federal, state, local, foreign and other tax laws.

The Arrangement

For U.S. federal income tax purposes, the Arrangement consists of two interdependent transactions, namely the Distribution and the Exchange. The Distribution consists of the series of transactions undertaken pursuant to the Arrangement involving: (i) the redesignation of the Tenke Shares as Tenke Class B Shares; (ii) the creation of the Tenke Class A Shares; (iii) the transfer of the South American Assets and US$5 million in cash to Suramina in exchange for Suramina Shares; (iv) the exchange of the Tenke Class B Shares, other than those held by Dissenting Shareholders, for Tenke Class A Shares and Suramina Shares; and (v) the cancellation of the Tenke Class B Shares. This summary assumes that the Distribution will be treated, for U.S. federal income tax purposes, as if Tenke transferred the South American Assets and US$5 million in cash to Suramina in exchange for the Suramina Shares, and then distributed the Suramina Shares to the Tenke Shareholders. Because the Distribution will be effected under the applicable provisions of Canadian law that are technically different from analogous provisions of U.S. corporate law, there can be no assurances that the IRS or a U.S. court would not take a contrary view of the Distribution.

Assuming that the Distribution is treated for U.S. federal income tax purposes in the manner set forth in the paragraph above, the Distribution may or may not qualify as a reorganization within the meaning of Section 368(a)(l)(D) of the Code and, with respect to U.S. Holders, a distribution within the meaning of Section 355(a) of the Code. The Distribution qualifying under Section 368(a)(l)(D) and Section 355(a) of the Code is referred to in this discussion as a "**D Reorganization**". In order for the Distribution to qualify as a D Reorganization, among other things, Suramina would have to have been engaged in an "active trade or business" as such term is defined in Section 355 of the Code that has been actively conducted for at least five years immediately prior to the Distribution. It is unclear whether Suramina would satisfy this requirement as well as the other requirements imposed by Section 355 of the Code. No opinion of legal counsel and no ruling from the IRS concerning the U.S. federal income tax consequences of the Distribution has been obtained and none will be requested.

The Exchange pursuant to the Arrangement may or may not qualify as a reorganization within the meaning of Section 368(a)(1)(A) of the Code (an "**A Reorganization**"). The characterization of the Exchange as an A Reorganization depends on the application of the "step transaction doctrine" to the two interdependent transactions comprising the reorganization, namely (i) the Exchange and (ii) the amalgamation of Tenke and Lundin Mining (or a wholly-owned entity of Lundin Mining that is a disregarded entity for U.S. federal income tax purposes) within 30 days of the Effective Date. Although Lundin Mining has covenanted and agreed in the Business Combination Agreement to take all necessary steps to amalgamate Tenke with Lundin Mining (or a wholly-owned entity of Lundin Mining that is a disregarded entity for U.S. federal income tax purposes), the Exchange will have been completed before the amalgamation occurs, and however likely, there is no certainty that such amalgamation will occur in a timely fashion. No opinion of legal counsel and no ruling from the IRS concerning the U.S. federal income tax consequences of the Exchange have been obtained, and none will be requested.

If the Distribution Qualifies as a D Reorganization and the Exchange Qualifies as an A Reorganization

Distribution

If the Distribution qualifies as a D Reorganization, subject to the passive foreign investment company (**"PFIC"**) rules discussed below, the Distribution will result in the following U.S. federal income tax consequences to U.S. Holders of Tenke Shares:

- a U.S. Holder who receives Suramina Shares in the Distribution would not recognize any gain or loss as a result of the Distribution;
- the aggregate basis of Tenke Shares held by the U.S. Holder would be allocated among such U.S. Holder's Tenke Shares and Suramina Shares in proportion to their relative fair market values; and
- the holding period in the Suramina Shares received by the U.S. Holder in the Distribution would include the holding period of the Tenke Shares.

Exchange

If the Exchange qualifies as an A Reorganization, subject to the PFIC rules discussed below, the Exchange will result in the following U.S. federal income tax consequences to U.S. Holders of Tenke Shares:

- a U.S. Holder of Tenke Shares who receives Lundin Shares and cash in the Exchange will not recognize any gain or loss as a result of the Exchange, except to the extent of the lesser of the gain realized or the cash received in the Exchange (other than a gain or loss recognized on the receipt of cash in lieu of fractional shares of Lundin Mining, as described below);
- the aggregate basis of the Lundin Shares received by a U.S. Holder in the Exchange (including fractional shares deemed received and redeemed as described below) will be equal to the aggregate basis of the Tenke Shares exchanged therefor;
- the holding period of the Lundin Shares received by a U.S. Holder will include the holding period of the Tenke Shares exchanged therefor; and
- cash received by a U.S. Holder instead of a fractional share interest in Lundin Shares will be treated as received in redemption of that fractional share interest, and a U.S. Holder should generally recognize gain or loss for U.S. federal income tax purposes measured by the difference between the amount of cash received and the portion of the tax basis of Tenke Shares allocable to that fractional share interest. This gain or loss should be long-term capital gain or loss if the holding period for the Tenke Shares (as determined above) is greater than one year at the time of the Exchange.

Generally, the determination of whether the gain recognized in the Exchange, as determined in the first bullet point above, will be treated as capital gain or dividend income will depend on whether and to what extent the exchange reduces the U.S. Holder's deemed percentage stock ownership interest in Tenke. For purposes of this determination, a U.S. Holder will be treated as if such holder first exchanged all of the holder's Tenke Shares solely for Lundin Shares and then Lundin Mining immediately redeemed a portion of the Lundin Shares in exchange for the cash and "other property" actually received. The IRS has ruled

that a relatively minor reduction in the percentage stock ownership of a minority shareholder in a publicly traded corporation whose relative stock interest is minimal and who exercises no control with respect to the corporate affairs would receive capital gain rather than dividend treatment.

If the Distribution Does Not Qualify as a D Reorganization and the Exchange Qualifies as an A Reorganization

Subject to the PFIC rules discussed below, if the Distribution does not qualify as a D Reorganization, for U.S. federal income tax purposes, the fair market value of the Suramina Shares received by U.S. Holders in the Distribution most likely would be considered "other property" for purposes of the Exchange otherwise qualifying as an A Reorganization. Accordingly, the U.S. federal income tax consequences to U.S. Holders would be the same as in "If the Distribution Qualifies as a D Reorganization and the Exchange Qualifies as an A Reorganization—Exchange" above, except that, with respect to the first bullet point, a U.S. Holder will not recognize any gain or loss as a result of the Exchange, except to the extent of the lesser of (i) the gain realized or (ii) the cash received in the Exchange (other than a gain or loss recognized on the receipt of cash in lieu of fractional shares of Lundin Mining, as described above) and the fair market value of the Suramina Shares received.

If the Exchange Does Not Qualify as an A Reorganization

If the Exchange does not qualify as an A Reorganization, the Distribution will not qualify as a D Reorganization because the historic shareholders of Tenke will not maintain sufficient "continuity of interest" in both Tenke and Suramina following the Exchange. Assuming the Distribution and Exchange are two interdependent steps pursuant an integrated plan for U.S. federal income tax purposes, the Distribution and Exchange would be treated as if the U.S. Holder exchanged Tenke Shares for Suramina Shares, Lundin Shares and cash.

Subject to the PFIC rules discussed below, if the Exchange fails to qualify as an A Reorganization, the Distribution and Exchange will result in the following U.S. federal income tax consequences to U.S. Holders:

- a U.S. Holder of Tenke Shares would recognize a gain or loss equal to the difference between: (i) the fair market value of the Suramina Shares, Lundin Shares and cash received by such U.S. Holder in the Distribution and Exchange; and (ii) the adjusted tax basis of such U.S. Holder in such Tenke Shares exchanged therefor;

- the aggregate basis of Suramina Shares and Lundin Shares received by a U.S. Holder in the Distribution and Exchange would be equal to the aggregate fair market value of the Suramina Shares and Lundin Shares at the time of receipt; and

- the holding period of Suramina Shares and Lundin Shares received by a U.S. Holder in the Exchange would begin on the day after the Exchange.

Such gain or loss recognized in the Distribution and Exchange generally will be capital gain or loss and will be long-term capital gains or losses if the U.S. Holder's holding period for such Tenke Shares is more than one year at the time of the Distribution and Exchange. Preferential tax rates for long-term capital gains are generally applicable to a non-corporate U.S. Holder, including an individual. Deductions for capital losses are subject to significant limitations. Such gain or loss will be U.S. source income for U.S. foreign tax credit purposes.

PFIC Rules

Definition of a PFIC

Section 1297 of the Code generally defines a PFIC as a foreign corporation that, for any taxable year, either: (i) 75% or more of its gross income is "passive income"; or (ii) 50% or more of the fair market value, determined on the basis of a quarterly average, of its assets produce or are held for the production of "passive income." For this purpose, the term "passive income" includes, for example, dividends, interest, certain rents and royalties, certain gains from the sale of stock and securities, and certain gains from commodities transactions. However, gains resulting from commodities transactions are generally excluded from the definition of passive income if "substantially all" of the foreign corporation's commodities are (i) inventory property or property held for sale to customers in the ordinary course of its business; (ii) property used in the foreign corporation's trade or business and which would be subject to allowances for depreciation; or (iii) supplies of a type regularly used or consumed by the foreign corporation in the ordinary course of its trade or business.

For purposes of the PFIC income test and asset test, if a foreign corporation owns (directly or indirectly) at least 25% by value of the stock of another corporation, such foreign corporation shall be treated as if it: (i) held a proportionate share of the assets of such other corporation; and (ii) received directly its proportionate share of the income of such other corporation. Also, for purposes of such PFIC tests, passive income does not include any interest, dividends, rents or royalties that are received or accrued from a "related" person to the extent such amount is properly allocable to the income of such related person which is not passive income. For these purposes, a person is related with respect to a foreign corporation if such person "controls" the foreign corporation or is controlled by the foreign corporation or by the same persons that control the foreign corporation. For these purposes, "control" means ownership, directly or indirectly, of shares possessing more than 50% of the total voting power of all classes of shares entitled to vote or of the total value of shares of a corporation.

PFIC Status of Tenke, Suramina and Lundin Mining

Tenke believes that it was a PFIC for its most recent taxable year ending on or prior to the date of the Distribution and Exchange, and based on the composition of Tenke's projected income and valuation of its assets for its current taxable year that includes the day after the Distribution and Exchange, Tenke believes that it will likely be a PFIC for its current taxable year.

Based on the composition of Suramina's projected income and valuation of its assets for its current taxable year that includes the day after the Distribution and Exchange, Suramina believes that it will likely be a PFIC for its current taxable year.

Lundin Mining believes that it was not a PFIC for its most recent taxable year ending on or prior to the date of the Distribution and Exchange, and based on the composition of Lundin Mining's projected income and valuation of its assets for its current taxable year that includes the day after the Distribution and Exchange, Lundin Mining believes that it will not be a PFIC for its current taxable year (taking into account the assets and income of Tenke received in the Exchange).

There can be no assurances of the PFIC status of Tenke, Suramina and Lundin Mining. The PFIC determination is a factual determination that is made annually and may be subject to change.

Impact of PFIC Rules on Certain U.S. Holders

The impact on the PFIC rules on a U.S. Holder will depend on whether the U.S. Holder has made a mark-to-market under Section 1296 of the Code (a "**Mark-to-Market Election**"). For purposes of this discussion, a U.S. Holder of a PFIC who made a Mark-to-Market Election is referred to as a "**Mark-to-Market Shareholder**".

If the Distribution Qualifies as a D Reorganization and the Exchange Qualifies as an A Reorganization

If the Distribution otherwise qualifies as a D Reorganization and the Exchange otherwise qualifies as an A Reorganization, Section 1291(f) of the Code provides that nonrecognition transfers of stock in a PFIC, such as the Distribution and Exchange, result in gain recognition for purposes of the excess distribution rules under Section 1291 unless an exception otherwise applies. For purposes of the PFIC rules, if the Distribution qualifies as a D Reorganization, a U.S. Holder would generally be treated as disposing of all of its Tenke Shares in exchange for Tenke Shares and Suramina Shares.

Under proposed Treasury Regulations (the "**Proposed Treasury Regulations**"), a U.S. Holder does not recognize gain where the U.S. Holder transfers shares in a PFIC so long as such holder receives in exchange stock of the same or another corporation that is a PFIC for its taxable year that includes the day after the transfer. However, a U.S. Holder does recognize gain (but not loss) where the U.S. Holder transfers shares in a PFIC and receives in exchange shares of another corporation that is not a PFIC for its taxable year that includes the day after the transfer.

As discussed above, Tenke and Suramina believe that they will be PFICs for their taxable years that include the day after the Distribution and Exchange. Lundin Mining believes that it will not be a PFIC for its taxable year that includes the day after the Distribution and Exchange.

The Proposed Treasury Regulations do not specifically address the U.S. federal income tax treatment of a transaction in which a reorganization that qualifies under Section 368(a)(1)(D) of the Code and Section 355(a) of the Code, combined with a reorganization under Section 368(a) of the Code, is part of an integrated plan for U.S. federal income tax purposes. In light of the principles of the Proposed Treasury Regulations, a U.S. Holder may not recognize gain on the Distribution, but may recognize gain (but not loss) on the Exchange. The amount of any such gain recognized by a U.S. Holder on the Exchange would be equal to the difference between: (i) the amount of cash and the fair market value of Lundin Shares received by such holder pursuant to the Exchange; and (ii) the adjusted tax basis of such holder in the Tenke Shares effectively exchanged therefor. Such gain generally would be allocated pro rata over a U.S. Holder's holding period for the Tenke Shares and, to the extent allocable to prior PFIC years, would be subject to tax at the highest rate applicable to ordinary income in such years and result in an interest charge on such tax which is deemed to be deferred. The Proposed Treasury Regulations require U.S. Holders to file certain information regarding the Distribution and Exchange. Non-Electing Shareholders should consult their U.S. tax advisors regarding these requirements.

If the Distribution Does Not Qualify as a D Reorganization and the Exchange Qualifies as an A Reorganization

If the Distribution does not qualify as a D Reorganization and the Exchange qualifies as an A Reorganization, a U.S. Holder will recognize gain (but not loss) on the Exchange. The amount of any such gain recognized by a U.S. Holder on the Exchange would be equal to the difference between: (i) the amount of cash and the fair market value of Suramina Shares and Lundin Shares received by such holder pursuant to the Distribution and Exchange; and (ii) the adjusted tax basis of such holder in the Tenke

Shares effectively exchanged therefor. Such gain generally would be allocated pro rata over a U.S. Holder's holding period for the Tenke Shares and, to the extent allocable to prior PFIC years, would be subject to tax at the highest rate applicable to ordinary income in such years and result in an interest charge on such tax which is deemed to be deferred.

If the Exchange Does Not Qualify as an A Reorganization

If the Exchange does not qualify as an A Reorganization and, therefore, the Distribution does not qualify as a D Reorganization, the U.S. federal income tax consequences to U.S. Holders would be the same as in "If the Distribution Does Not Qualify as a D Reorganization and the Exchange Qualifies as an A Reorganization", above.

Treatment to Mark-to-Market Shareholders

The Proposed Treasury Regulations do not address the impact of a Mark-to-Market Election on nonrecognition transfers involving a PFIC and the IRS has not issued any other meaningful guidance. If the Exchange does not qualify as an A Reorganization and, therefore, the Distribution does not qualify as a D Reorganization, gain or loss recognized on the exchange of Tenke Shares for cash, Suramina Shares and Lundin Shares by a Mark-to-Market Shareholder would not be subject to the PFIC rules discussed above but rather would be ordinary income or loss (in the case of loss, not to exceed the excess, if any, of: (i) the amount included in ordinary income because of such Mark-to-Market Election for prior taxable years over (ii) the amount allowed as a deduction because of such Mark-to-Market Election for prior taxable years.

Status of Proposed Regulations

The Proposed Treasury Regulations state that they are to be effective for transactions occurring on or after April 11, 1992. If the Proposed Treasury Regulations are adopted in their current form, the tax consequences to a U.S. Holder of Tenke Shares should be as set forth in the preceding paragraphs. However, because the Proposed Treasury Regulations have not yet been adopted in final form, they are not currently effective and there is no assurance they will be finally adopted in the form and with the effective date proposed. Nevertheless, the IRS has announced that, in the absence of final Treasury Regulations, taxpayers may apply reasonable interpretations of Code provisions applicable to PFICs and that it considers the rules set forth in the proposed regulations to be reasonable interpretations of those Code provisions.

The PFIC rules are complex and the implementation of certain aspects of the PFIC rules requires the issuance of Treasury Regulations which in many instances have not been promulgated and which may be promulgated and which may have retroactive effect. There can be no assurance that any of these proposals will be enacted or promulgated, and if so, the form they will take or the effect that they may have on this discussion. Accordingly, and due to the complexity of the PFIC rules, U.S. Holders are strongly urged to consult their own tax advisors concerning the impact of these rules on the Distribution and the Exchange.

Information Reporting

If the Exchange qualifies as an A Reorganization, a U.S. Holder that is a significant holder for U.S. federal income tax purposes and receives Lundin Shares as a result of the Exchange will be required to file with such holder's U.S. federal income tax return for the year in which the Exchange takes place a statement setting forth certain facts relating to the Exchange. Additionally, U.S. Holders are required to retain records pertaining to the Exchange. U.S. Holders of Tenke Shares are urged to consult their own

tax advisors regarding their information reporting and record retention responsibilities arising from the Exchange.

Dissenting U.S. Holders

A U.S. Holder who exercises Dissent Rights will recognize gain or loss on the exchange of such U.S. Holder's Tenke Shares for cash in an amount equal to the difference between: (i) the amount of cash received; and (ii) such holder's adjusted tax basis in its Tenke Shares. Subject to the PFIC rules discussed above, such gain or loss generally will be capital gain or loss if such shares were held as capital assets at the time of the Exchange and will be long-term capital gain or loss if the U.S. Holder's holding period for such shares is more than one year at such time. Preferential tax rates for long-term capital gains are generally applicable to a non-corporate U.S. Holder, including an individual. Deductions for capital losses are subject to significant limitations. Such gain or loss will be U.S. source income for U.S. foreign tax credit purposes.

Ownership and Disposition of Suramina Shares and Lundin Shares

The following discussion describes the material U.S. federal income tax consequences of the ownership and disposition of Suramina Shares and Lundin Shares received in the Distribution and Exchange, respectively, by U.S. Holders.

Taxation of Dividends

Subject to the PFIC rules described below, for U.S. federal income tax purposes, the gross amount of a distribution by Suramina or Lundin Mining in respect of Suramina Shares or Lundin Shares owned by a U.S. Holder, including any amounts of Canadian tax withheld on the distribution, will be treated as dividend income to such U.S. Holder to the extent the distribution is paid out of the Suramina's or Lundin Mining's current or accumulated earnings and profits (as determined for U.S. federal income tax purposes). To the extent such distribution exceeds the U.S. Holder's allocable share of Suramina's or Lundin Mining's current and accumulated earnings and profits, the excess will be applied first to reduce the U.S. Holder's basis in its Suramina Shares or Lundin Shares and any remaining excess will constitute gain from the deemed sale or exchange of such shares. See "—Sale or Exchange of Suramina Shares or Lundin Shares", below. Dividend income will not be eligible for the dividends received deduction generally allowed to U.S. corporations.

For U.S. federal income tax purposes, a U.S. Holder may generally elect to treat Canadian withholding taxes as either a deduction from gross income or, subject to certain limitations, a credit against the U.S. federal income tax liability of that U.S. Holder. For U.S. foreign tax credit purposes, dividend income will constitute foreign source income and will be considered passive category income or general category income.

Dividends paid by Suramina or Lundin Mining in Canadian dollars will be included in the income of a U.S. Holder equal to the U.S. dollar amount calculated by reference to the spot exchange rate in effect on the date of receipt, regardless of whether the payment is in fact converted into U.S. dollars. If the dividends paid in Canadian dollars are converted into U.S. dollars on the date of receipt, U.S. Holders generally should not be required to recognize foreign currency gain or loss in respect of the dividend income.

Sale or Exchange of Suramina Shares or Lundin Shares

Subject to the PFIC rules, for U.S. federal income tax purposes, a U.S. Holder generally will recognize gain or loss on any sale or other taxable disposition of Suramina Shares or Lundin Shares. That gain or loss will be measured by the difference between: (i) the U.S. dollar value of the amount of cash and the fair market value of any other property received in the sale or other taxable disposition; and (ii) the U.S. Holder's tax basis in the Suramina Shares or Lundin Shares disposed of, determined in U.S. dollars. Gain or loss arising from a sale or other taxable disposition of Suramina Shares or Lundin Shares will be capital gain or loss and will be long term capital gain or loss if the holding period of the U.S. Holder for such shares exceeds one year. Deductions for capital losses are subject to significant limitations. Such gain or loss will be U.S. source income for U.S. foreign tax credit purposes.

Passive Foreign Investment Company

Suramina

As discussed above, based on the composition of Suramina's expected income and valuation of its assets, Suramina believes that it will likely be a PFIC for its current taxable year. Because Suramina will conduct mineral exploration of the South American Assets and has not yet recognized significant operating income, Suramina will likely be a PFIC in future taxable years until it generates significant operating income. A U.S. Holder can avoid the adverse U.S. federal income tax consequences of holding shares in a PFIC by making a timely elective election to treat Suramina as a "qualified electing fund" under Section 1295 of the Code (a "**QEF Election**"). In the event the Distribution qualifies as a D Reorganization and the Exchange qualifies as an A Reorganization, a U.S. Holder can avoid the adverse U.S. federal income tax consequences by making a QEF Election and a gain recognition election to "purge" the PFIC taint by making a "deemed sale election" to recognize any gain that it would otherwise recognize if the U.S. Holder sold its stock for fair market value on the "qualification date". The qualification date is the first day of Suramina's taxable year in which Suramina qualified as a QEF with respect to such U.S. Holder. By timely making such QEF and deemed sale elections, the U.S. Holder will be deemed to have made a timely QEF Election.

Under a QEF Election, generally, an electing U.S. Holder will be required each taxable year in which Suramina is a PFIC to recognize, as ordinary income, a pro rata share of Suramina's earnings, and to recognize, as capital gain, a pro rata share of Suramina's net capital gain. Accordingly, because Suramina expects that it will be PFIC only in taxable years in which it does not generate significant non-passive net income, an electing U.S. Holder would not have significant income inclusions as a result of the QEF Election. Furthermore, in any taxable year in which Suramina does generate significant operating income, Suramina may cease to be a PFIC and the QEF Election will not be applicable.

Non-Electing U.S. Holders. If a QEF Election is not made by U.S. Holder, then, unless such U.S. Holder has made a Mark-to-Market Election, any gain recognized on the sale or other taxable disposition of Suramina Shares will be treated as ordinary income realized pro rata over such holding period for such shares. A U.S. Holder will be required to include as ordinary income in the year of disposition the portion of the gain attributed to such year. In addition, such U.S. Holder's U.S. federal income tax for the year of disposition will be increased by the sum of (i) the tax computed by using the highest statutory rate applicable to such U.S. Holder for each year on the portion of the gain attributed to years prior to the year of disposition plus (ii) interest on the tax determined under clause (i), at the rate applicable to underpayments of tax. Any loss recognized by a U.S. Holder on the disposition of the Suramina Shares generally will not be recognized. In addition, rules similar to those applicable to dispositions generally will apply to "excess distributions" paid on a Suramina Share (*i.e.*, distributions that exceed 125% of the

average amount of distributions on the Suramina Shares received during the preceding three years or, if shorter, during the U.S. Holder's holding period for the Suramina Share).

QEF Election. A U.S. Holder may elect to have Suramina treated, with respect to that U.S. Holder, as a QEF. Under the QEF Election, an electing U.S. Holder will be required to include currently in gross income such electing U.S. Holder's pro rata share of the annual ordinary earnings and net capital gains (but may not include any net loss) of Suramina. The amount currently included in income by an electing U.S. Holder will be treated as ordinary income to the extent of the electing U.S. Holder's pro rata share of Suramina's ordinary earnings and generally will be treated as long-term capital gain to the extent of such electing U.S. Holder's pro rata share of Suramina's net capital gains. The electing U.S. Holder will be required to include in income such pro rata share of the ordinary earnings and net capital gains of Suramina, without regard to the amount of cash distributions, if any, received from Suramina.

Any gain or loss recognized by such electing U.S. Holder on the sale or other taxable disposition of the Suramina Shares generally would be a capital gain or loss. Such capital gain or loss generally would be long-term if the U.S. Holder has held the ordinary shares for more than one year at the time of the sale or other taxable disposition. For non-corporate U.S. Holders, including individuals, long-term capital gain is generally subject to a maximum U.S. federal income tax rate of 15%.

A U.S. Holder that makes a QEF Election generally may receive a tax-free distribution from Suramina to the extent that such distribution represents Suramina's earnings and profits that were previously included in income by the U.S. Holder because of such QEF Election. An electing U.S. Holder's tax basis in the Suramina Shares generally will be increased by any amounts currently included in income under the QEF rules and generally will be decreased by any subsequent distributions from Suramina that are treated as non-taxable distributions pursuant to the preceding sentence.

Suramina will provide the PFIC Annual Information Statement required by the IRS with respect to a QEF Election, which will include information as to the allocation of Suramina's ordinary earnings and net capital gains among the Suramina Shares and as to distributions on such shares. The PFIC Annual Information Statement must be used by an electing U.S. Holder for purposes of complying with the reporting requirements applicable to the QEF election.

A QEF Election must be made by a U.S. Holder before the due date (including extensions) for such U.S. Holder's U.S. federal income tax return for the taxable year for which the QEF Election is made and, once made, will be effective for all subsequent taxable years of such U.S. Holder, unless revoked with the consent of the IRS.

Mark-to-Market Election. A U.S. Holder generally may make a Mark-to-Market Election with respect to shares of "marketable stock" of a PFIC. Under the Code and Treasury regulations, the term "marketable stock" includes stock of a PFIC that is "regularly traded" on a "qualified exchange or other market". Generally, a "qualified exchange or other market" means a foreign securities exchange that is regulated or supervised by a governmental authority of the country in which the market is located and has the following characteristics: (a) the exchange has trading volume, listing, financial disclosure, and other requirements and (b) the rules of the exchange ensure active trading of listed stocks. A class of stock is "regularly traded" on a qualified exchange or other market for any calendar year during which such class of stock is traded (other than in de minimis quantities) on at least 15 days during each calendar quarter. Currently, the Mark-to-Market Election is not available to U.S. Holders, but may be available in the future if Suramina completes the listing requirements for listing the Suramina Shares on the TSX. U.S. Holders are urged to consult their tax advisors with respect to the availability of the Mark-to-Market Election.

A U.S. Holder that makes a Mark-to-Market Election would generally be required to report gain or loss annually to the extent of the difference, if any, between (i) the fair market value of the Suramina Shares at the end of each taxable year and (ii) the adjusted tax basis of the Suramina Shares at the end of each taxable year. Any gain under this computation, and any gain recognized on an actual sale or other taxable disposition of the Suramina Shares, generally would be treated as ordinary income. Any loss under this computation, and any loss recognized on an actual sale or other taxable disposition of the Suramina Shares, generally would be treated as an ordinary loss to the extent of the cumulative net mark-to-market gain, and thereafter would be considered capital loss. The U.S. Holder's adjusted tax basis in the Suramina Shares generally would be adjusted for any gain or loss taken into account under the mark-to-market election.

Unless either (i) the Mark-to-Market Election is made as of the beginning of the U.S. Holder's holding period for the Suramina Shares or (b) a QEF Election has been in effect for such U.S. Holder's entire holding period for the Suramina Shares, any mark-to-market gain for the election year generally will be subject to the ordinary income and interest charge rules described above.

Lundin Mining

Based on the composition of Lundin Mining's income and valuation of its assets for the taxable year ending December 31, 2006, and the projected composition of its income and valuation of its assets (taking into account the assets and income of Tenke received in the Exchange), Lundin Mining believes that it is not a PFIC, and it expects to operate in such a manner so as not to become a PFIC. If, however, Lundin Mining is or will become a PFIC, a U.S. Holder may be subject to the PFIC rules as discussed above.

Backup Withholding and Information Reporting

Proceeds from the sale of, and dividends, on Suramina Shares or Lundin Shares paid within the United States or through certain U.S.-related financial intermediaries are subject to information reporting and may be subject to backup withholding at 28% unless the U.S. Holder: (i) is a corporation or other exempt recipient; or (ii) provides a taxpayer identification number and certifies that no loss of exemption from backup withholding has occurred. Any amount withheld from a payment to a U.S. Holder under the backup withholding rules will be allowable as a credit against such U.S. Holder's U.S. federal income tax liability, provided that the required information is timely furnished to the IRS.

This summary is of a general nature only and is not intended to be, and should not be construed to be, legal, business or tax advice to any particular Tenke Shareholder. Tenke Shareholders should consult their own tax advisors as to the tax consequences of the described transactions in their particular circumstances.

SECURITIES LAWS CONSIDERATIONS

The following is a brief summary of the securities law considerations applying to the transactions contemplated herein.

Canadian Securities Laws

Each Tenke Shareholder is urged to consult such Tenke Shareholder's professional advisers to determine the Canadian conditions and restrictions applicable to trades in the Lundin Shares or Suramina Shares.

Status under Canadian Securities Laws

Tenke is a "reporting issuer" in British Columbia, Ontario, Alberta, Saskatchewan and Quebec. The Tenke Shares currently trade on the TSX. After the Arrangement, Tenke will be a wholly-owned subsidiary of Lundin Mining, the Tenke Shares will be delisted from the TSX and Lundin Mining will apply to the applicable Canadian securities regulators to have Tenke classified as a non-reporting issuer. The Lundin Shares are listed on the TSX and the AMEX and Swedish depository receipts trade on the Swedish Stock Exchange. It is a condition of the Arrangement that the Lundin Shares issued in connection with the Arrangement are listed on the TSX and the AMEX and the Swedish depository receipts trade on the Swedish Stock Exchange. After the Arrangement, Suramina will be a reporting issuer in British Columbia, Ontario, Alberta, Saskatchewan and Quebec.

Issuance and Resale of Lundin Shares and Suramina Shares Under Canadian Securities Laws

The issuance of the Lundin Shares and the Lundin New Options pursuant to the Business Combination Agreement and the issuance of Lundin Shares upon exercise of the Lundin New Options will constitute distributions of securities, which are exempt from the registration and prospectus requirements of Canadian securities legislation. The Lundin Shares may be resold in each of the provinces and territories of Canada provided the trade is not a "control distribution" as defined in National Instrument 45-102 of the Canadian Securities Administrators, no unusual effort is made to prepare the market or create a demand for those securities, no extraordinary commission or consideration is paid in respect of that sale if the selling security holder is an insider or officer of Lundin Mining, and if the selling securityholder is an insider or officer of Lundin Mining, the insider or officer has no reasonable grounds to believe that Lundin Mining is in default of securities legislation.

The issuance of the Suramina Shares pursuant to the Arrangement will constitute a distribution of securities, which is exempt from the registration and prospectus requirements of Canadian securities legislation. The Suramina Shares may be resold in each of the provinces and territories of Canada provided the trade is not a "control distribution" as defined in National Instrument 45-102 of the Canadian Securities Administrators, no unusual effort is made to prepare the market or create a demand for those securities, no extraordinary commission or consideration is paid to a person or company in respect of the trade and, if the selling security holder is an insider or officer of Suramina, the insider or officer has no reasonable grounds to believe that Suramina is in default of securities legislation.

Application will be made for listing of the Suramina Shares on the TSX. Any listing will be subject to meeting TSX original listing requirements and there is no assurance such a listing will be obtained. As the Suramina Shares are not listed on a stock exchange and until listed, holders of Suramina Shares may not have a market for their shares.

U.S. Securities Laws

Status Under U.S. Securities Laws

Lundin Mining is, and Suramina will be, a "foreign private issuer" as defined in under the U.S. Exchange Act. The Lundin Shares are listed for trading on the AMEX and as such, Lundin Mining is subject to the periodic reporting requirements under Section 13(a) of the U.S. Exchange Act. The Suramina Shares will not be registered with the SEC and will not be listed for trading on a stock exchange in the United States.

Issuance and Resale of Lundin Shares and Suramina Shares Under U.S. Securities Laws

The following discussion is a summary of the general U.S. federal securities laws applicable to the issuance of Lundin Shares and Suramina Shares pursuant to the Arrangement and any subsequent resale of such Lundin Shares and Suramina Shares. Because this is only a summary, Tenke Shareholders resident in the United States, or who are U.S. persons under U.S. federal securities laws ("U.S. Shareholders"), are urged to consult with their own legal counsel to ensure that the resale of Lundin Shares and Suramina Shares issued to them under the Arrangement complies with applicable securities legislation. Further information applicable to U.S. Shareholders is disclosed under the heading "Note to United States Shareholders".

The following discussion does not address the Canadian securities laws that will apply to the issue of the Lundin Shares or the Suramina Shares by U.S. Shareholders within Canada. U.S. Shareholders reselling their Lundin Shares or Suramina Shares in Canada must comply with Canadian securities laws, as outlined elsewhere in this Information Circular.

The Lundin Shares and the Suramina Shares to be issued by Lundin Mining and Suramina, respectively, pursuant to the Arrangement will not be registered under the U.S. Securities Act or the securities laws of any state of the United States and will be issued in reliance upon the exemption from the registration requirements of the U.S. Securities Act provided by Section 3(a)(10) under the U.S. Securities Act Section 3(a)(10) exempts from registration a security which is issued in exchange for outstanding securities where the terms and conditions of such issuance and exchange are approved, after a hearing upon the fairness of such terms and conditions at which all persons to whom it is proposed to issue securities in such exchange have the right to appear, by a court or by a governmental authority expressly authorized by law to grant such approval. Accordingly, the Final Order of the Court will, if granted, constitute a basis for the exemption from the registration requirements of the U.S. Securities Act with respect to the Lundin Shares and the Suramina Shares issued in connection with the Arrangement.

The Lundin Shares and Suramina Shares issued in the Arrangement will be freely transferable under U.S. federal securities laws, except for Lundin Shares and Suramina Shares held by persons who are deemed to be "affiliates" (as such term is defined under the U.S. Securities Act) of Tenke prior to the Arrangement, which Lundin Shares and Suramina Shares may be resold by them only in transactions permitted by the resale provisions of Rule 145 under the U.S. Securities Act or as otherwise permitted under the U.S. Securities Act, or shares of Lundin Shares or Suramina Shares held by persons who are deemed to be "affiliates" of Lundin Mining or Suramina, as the case may be, after the Arrangement, which Lundin Shares or Suramina Shares, as the case may be, may be resold only in transactions permitted by the resale provisions of Rule 144 under the U.S. Securities Act or as otherwise permitted under the U.S. Securities Act, including in.an transaction outside of the United States pursuant to Regulation S under the U.S. Securities Act.

CERTIFICATE OF TENKE MINING CORP.

The foregoing as it relates to Tenke Mining Corp. contains full, true and plain disclosure of all material facts relating to the particular matters to be acted upon by shareholders of Tenke Mining Corp.

DATED May 18, 2007

"Paul K. Conibear"
(Signed) **Paul K. Conibear**
President and Chief Executive Officer

SCHEDULE A
TEXT OF ARRANGEMENT RESOLUTION

BE IT RESOLVED as a special resolution, that:

1. the Arrangement under Section 192 of the *Canada Business Corporations Act* set forth in the Plan of Arrangement attached as Schedule "B" to the Information Circular of Tenke Mining Corp. ("**Tenke**") accompanying the Notice of Meeting is authorized and approved;

2. the board of directors of Tenke, without further notice to or approval of the shareholders of Tenke, may, in accordance with the terms of the Arrangement, elect not to proceed with the Arrangement or otherwise give effect to this special resolution, at any time prior to the Arrangement becoming effective; and

3. any one or more of the directors and officers of Tenke be authorized and directed to perform all such acts, deeds and things and execute, under the seal of Tenke or otherwise, all such documents and other writings, including as may be required to give effect to the true intent of this special resolution.

SCHEDULE B
PLAN OF ARRANGEMENT

IN THE MATTER OF THE ARRANGEMENT involving Tenke, Lundin and Suramina pursuant to section 192 of the *Canada Business Corporations Act*.

ARTICLE I
INTERPRETATION

1.1 Definitions

In this Plan of Arrangement, unless the context otherwise requires:

"**Arrangement**" means the arrangement under section 192 of the CBCA on the terms and subject to the conditions set forth in this Plan of Arrangement subject to any amendments or variations thereto made in accordance with section 6.3 of this Plan of Arrangement and section 11.9 of the Arrangement Agreement or made at the discretion of the Court in the Final Order;

"**Arrangement Agreement**" means the Business Combination Agreement dated April 10, 2007 among Tenke, Suramina and Lundin, providing for, among other things, the Arrangement;

"**Articles of Arrangement**" means the articles of arrangement containing this Plan of Arrangement and containing such other provisions as are required under the CBCA, to be filed with the Director after the Final Order is made;

"**Business Day**" means any day other than a Saturday, Sunday or other day on which Canadian Chartered Banks located in the Cities of Toronto and Vancouver are required or permitted to close;

"**Cash**" means the sum of $U.S.5,000,000;

"**CBCA**" means the *Canada Business Corporations Act*, in effect on the date hereof and as amended from time to time prior to the Effective Date;

"**Certificate of Arrangement**" means the certificate of arrangement giving effect to the Arrangement, issued by the Director, pursuant to subsection 192(7) of the CBCA after the Articles of Arrangement have been filed with the Director;

"**Class A Shares**" means the class A common shares in the capital of Tenke which are to be created in accordance with this Plan of Arrangement and which shall have attached thereto the right to vote at all meetings of shareholders of Tenke, the right to dividends as and when declared by the Board of Directors of Tenke, subject to the preferential right of the holders of Class B Shares to dividends and the right to participate in the remaining assets of Tenke upon a winding up;

"**Class B Shares**" means the Tenke Shares following their re-designation as Class B Shares in accordance with this plan of Arrangement, such shares to bear the same rights and privileges as the Tenke Shares provided that such Class B Shares shall be entitled to dividends as and when declared by the Board of Directors of Tenke in preference to dividends to be paid on the Class A Shares;

"**Court**" means the Superior Court of Justice of the Province of Ontario;

"Depositary" means , being the depositary appointed by Tenke for the purpose of, among other things, exchanging certificates representing Class A Shares for Lundin Shares, cash in the amount of $.001 per share and Suramina Shares in connection with the Arrangement;

"**Director**" means the Director appointed pursuant to section 260 of the CBCA;

"**Dissent Rights**" means the right of dissent in respect of the Arrangement Resolution that may be exercised by registered holders of Tenke Shares provided in the Interim Order and in Section 4.1 hereof;

"**Dissenting Shareholder**" means a registered holder of Tenke Shares who dissents from the Arrangement Resolution in compliance with the Dissent Rights;

"**Effective Date**" means the date shown on the Certificate of Arrangement;

"**Effective Time**" means 12.01 a.m. (Toronto Time) on the Effective Date;

"**Eligible Holder**" means a Tenke Shareholder other than a Tax Exempt Tenke Shareholder or a Non-Resident Tenke Shareholder;

"**Exchange Ratio**" means 1.73 Lundin Shares for each Class A Share;

"**Final Order**" shall mean the final order of the Court approving the Arrangement, as such order may be amended by the Court at any time before the Effective Time or, if appealed, unless that appeal is withdrawn or denied, as affirmed or amended on appeal;

"Former Tenke Shareholders" means the holders of Tenke Shares immediately prior to the Effective Time;

"**Governmental Entity**" shall mean: (a) any multinational, federal, provincial, territorial, state, regional, municipal, local or other government, governmental or public department, central bank, court, tribunal, arbitral body, commission, board, bureau or agent, domestic or foreign; (b) any subdivision, agent, commission, board or authority of any of the foregoing; or (c) any quasi-governmental or private body exercising any regulatory, expropriation or taxing authority under, or for the account of, any of the foregoing;

"**holders**" means, when used with reference to the securities in the capital of any Person, the holders of such securities shown from time to time on the register maintained by or on behalf of such Person in respect of such securities;

"Interim Order" shall mean an interim order of the Court, as may be amended, in respect of the Arrangement, providing for, among other things, the calling and holding of the Tenke Meeting;

"**Lundin**" means Lundin Mining Corporation, a corporation incorporated under the CBCA;

"**Lundin Information Circular**" means the management information circular of Lundin to be provided to the Lundin Shareholders in respect of the Lundin Resolution and the other matters (if any) to be considered at the Lundin Meeting.

"**Lundin Meeting**" means a special meeting of the Lundin Shareholders called to consider and, if thought fit, approve the Lundin Resolution and any and all adjournments or postponements of such meeting;

"**Lundin Resolution**" means a resolution of the Lundin Shareholders approving the issue of Lundin Shares pursuant to the Arrangement.

"**Lundin Shares**" means common shares in the capital of Lundin;

"**Non-Resident Tenke Shareholder**" means a Tenke Shareholder who is not, and is not deemed to be, a resident of Canada for the purposes of the Tax Act, and (i) whose Tenke Shares are not "taxable Canadian Property" as defined in the Tax Act or (ii) whose Tenke Shares are "taxable Canadian property" as defined in the Tax Act and who is exempt from Canadian tax in respect of any gain realized on the disposition of Tenke Shares by reason of an exemption contained in an applicable income tax treaty or convention;

"**Person**" shall mean any corporation, partnership, limited liability company or partnership, joint venture, trust, unincorporated association or organization, business, enterprise or other entity; any individual; and any Governmental Entity;

"**Plan of Arrangement**" means this Plan of Arrangement, as such plan may be amended, modified or supplemented from time to time in accordance with the provisions hereof or Section 11.9 of the Arrangement Agreement or at the direction of the Court in the Final Order;

"**Shareholders**" means, collectively, Persons who are holders of issued and outstanding Lundin Shares and Tenke Shares;

"**South American Assets**" means all of the issued and outstanding shares of Frontera Holdings (Bermuda) I Ltd., and its direct and indirect wholly owned subsidiaries;

"**Suramina**" means Suramina Resources Inc, formerly 6749461 Canada Inc.;

"**Suramina Class A Shares**" means the Class A Shares in the capital of Suramina, which are voting, non-participating shares;

"**Suramina Shares**" means common shares in the capital of Suramina;

"**Tenke Arrangement Resolution**" means the special resolution of the holders of Tenke Shares approving this Plan of Arrangement, as required by the Interim Order and applicable Law;

"**Tenke Information Circular**" means the management information circular of Tenke to be provided to the Tenke Shareholders in respect of the Tenke Arrangement Resolution and the other matters (if any) to be considered at the Tenke Meeting.

"**Tenke Shares**" means common shares in the capital of Tenke;

"**Tenke Stock Option**" means any option to acquire Tenke Shares that was granted under the Tenke Stock Option Plan and is outstanding prior to the Effective Date;

"**Tenke Stock Option Plan**" means the stock option plan implemented by Tenke on February 10, 1994 and amended on March 26, 2007, subject to receipt of shareholder approval;

"**Tenke Meeting**" shall mean the special meeting of the holders of Tenke Shares called and held in accordance with the Interim Order to consider and, if thought appropriate, approve the Tenke Arrangement Resolution and any and all adjournments or postponements of such meeting;

"**Tenke Shares**" means the common shares in the capital of Tenke;

"**Tax Act**" means the *Income Tax Act* (Canada) and the regulations thereunder as amended from time to time;

"**Tax Exempt Tenke Shareholder**" means a Tenke Shareholder that is exempt from tax under Part I of the Tax Act.

1.2 Interpretation Not Affected by Headings

The division of this Plan of Arrangement into Articles, sections, subsections and paragraphs and the insertion of headings are for convenience of reference only and shall not affect in any way the meaning or interpretation of this Plan of Arrangement.

1.3 Article References

Unless the contrary intention appears, references in this Plan of Arrangement to an Article, section, subsection or paragraph by number or letter or both refer to the Article, section, subsection or paragraph, respectively, bearing that designation in this Plan of Arrangement.

1.4 Number and Gender

In this Plan of Arrangement, unless the contrary intention appears, words importing the singular number only shall include the plural and vice-versa, and words importing the use of any gender shall include all genders.

1.5 Date for Any Action

If the date on which any action is required to be taken hereunder by any of the parties is not a Business Day, such action shall be required to be taken on the next succeeding day which is a Business Day.

1.6 Governing Law

This Plan of Arrangement shall be governed by and construed in accordance with the laws of the Province of Ontario and the federal laws of Canada applicable therein.

ARTICLE II
PURPOSE AND EFFECT OF THE PLAN OF ARRANGEMENT

2.1 The Arrangement Agreement

The Arrangement is made pursuant to and subject to the provisions of the Arrangement Agreement.

2.2 The Effective Time

This Plan of Arrangement will, upon filing of the Articles of Arrangement and the issuance of the Certificate of Arrangement, become effective in the sequence set out in section 3.2 and will be binding from and after the Effective Time.

2.3 Conditions Precedent

The implementation of this Plan of Arrangement is expressly subject to the fulfilment or waiver, by the party or parties thereto entitled, of the conditions precedent set out in the Arrangement Agreement.

ARTICLE III
THE ARRANGEMENT

3.1 Effectiveness

Subject to the terms of the Arrangement Agreement, this Plan of Arrangement will become effective in the sequence set out in Section 3.2 (except as otherwise provided therein) and will be binding from the Effective Time on: (i) Tenke; (ii) Suramina; and (iii) all registered and beneficial owners of Tenke Shares; (iv) all registered and beneficial holders of Tenke options; and (v) all registered and beneficial owners of Suramina Shares.

3.2 The Arrangement

On the Effective Date and commencing at the Effective Time, the following shall occur and be deemed to occur in the following order without further act or formality:

(a) the authorized capital of Tenke will be amended by redesignating the Tenke Shares as Class B Shares and the Articles of Tenke shall be deemed to be amended accordingly and each certificate representing an outstanding Tenke Share shall, as and from the time such redesignation is effective, represent a Class B Share;

(b) the authorized capital of Tenke will be amended by the creation of an unlimited number of Class A Shares and the Articles of Tenke shall be deemed to be amended accordingly;

(c) Tenke will transfer the South American Assets and the Cash to Suramina and, in consideration therefor, Suramina will issue to Tenke, as fully paid and non-assessable, that number of Suramina Shares equal to the number of Tenke Shares issued and outstanding immediately before the Effective Time, other than Tenke Shares held by Dissenting Shareholders;

(d) each issued Class B Share, other than those held by Dissenting Shareholders, will be exchanged with Tenke for one Class A Share and one Suramina Share acquired by Tenke in accordance with Section 3.2(c) and the certificates representing the outstanding Class B Shares of Tenke shall thereafter represent Class A Shares;

(e) each issued Class B Share held by Dissenting Shareholders (for greater certainty, being Tenke Shareholders who have duly complied with the Dissent Rights and are ultimately entitled to be paid for their dissenting shares) will be acquired by Tenke in consideration for Tenke agreeing to pay the amount to be paid as determined in accordance with Article IV of this Plan of Arrangement in respect of the dissenting shares;

(f) each issued Class B Share acquired in accordance Section 3.2(e) will be cancelled;

(g) the stated capital of Tenke for the outstanding Class A Shares will be an amount equal to the stated capital of Tenke for the Class B Shares, less the fair market value of the Suramina Shares distributed to Tenke Shareholders, other than Dissenting Shareholders, pursuant to Section 3.2(d) and the paid-up capital of the Class A Shares of Tenke will be reduced accordingly;

(h) the Class B Shares will be cancelled;

(i) each issued Class A Share will be transferred to Lundin in consideration of 1.73 Lundin Shares and $0.001 in cash;

(j) each Tenke Stock Option outstanding immediately before the Effective Date will be exchanged for a stock option to be issued by Lundin (a "Lundin New Option") pursuant to which the holder of the Tenke Stock Option will be entitled to receive, upon exercise of the Lundin New Option, that number of Lundin Shares which the holder would have been entitled to receive as a result of the transactions contemplated by this Plan of Arrangement if, immediately prior to the Effective Time, such holder had been the registered holder of the number of Tenke Shares to which such holder was therefore entitled upon exercise of the Tenke Stock Option. Save and except as otherwise agreed to by Lundin and the holders of Tenke Stock Options, the term to expiry, conditions to and manner of exercising, vesting schedule, the status under applicable laws, and all other terms and conditions of each Lundin New Option will otherwise be unchanged from those contained in or otherwise applicable to the related Tenke Stock Option. It is intended that the provisions of Subsection 7 (1.4) of the Tax Act apply to such exchange. Therefore, in the event that the amount, if any, by which the total fair market value (determined immediately after the Effective Time) of the Lundin Shares that a holder is entitled to acquire on exercise of the Lundin New Option exceeds the amount payable to acquire such shares under the Lundin New Option (the "Lundin Stock Option In-The-Money Amount") exceeds the amount by which the total fair market value (determined immediately before the Effective Time) of the Tenke Shares that the holder was entitled to acquire on exercise of the Tenke Stock Option exceeds the amount payable to acquire such shares under the Tenke Stock Option (the "Tenke Stock Option In-The-Money Amount"), the number of Lundin Shares which may be acquired on exercise of the Lundin New Option will be adjusted accordingly with effect at and from the Effective Time to ensure that the Lundin Stock Option In-The-Money Amount does not exceed the Tenke Stock Option In-The-Money Amount and the ratio of the amount payable to acquire such shares to the value of such shares to be acquired shall be unchanged. In addition each Tenke Stock Option which, by its terms, would expire 90 days after the holder of such option ceased to be eligible to hold options under the Tenke Stock Option Plan, shall be deemed to have been amended to provide that such option shall not expire until 180 days after the holder of such option ceased to be eligible to hold options under the Tenke Stock Option Plan;

(k) Suramina will redeem its outstanding Class A Shares for $0.001 per share and such shares will be cancelled;

(l) no fractional Lundin Shares will be issued in connection with the exchange in Section 3.2(i), but rather shareholders entitled to a fractional Lundin Share will receive cash in lieu thereof in accordance with Section 3.5 of this Plan of Arrangement;

(m) the names of Tenke Shareholders, other than Lundin, will be removed from the central securities register of Tenke;

(n) Lundin will become the holder of all Class A Shares and the central securities register of Tenke will be revised accordingly; and

(o) the exchanges and cancellations provided for in this Section 3.2 will be deemed to occur on the Effective Date, notwithstanding that certain of the procedures related thereto are not completed until after the Effective Date.

3.3 Effect of the Arrangement

As at and from the Effective Time:

(a) Tenke will be a wholly-owned subsidiary of Lundin;

(b) Tenke will continue to hold all of its mineral properties, cash and assets, save and except for the Cash and South American Assets transferred to Suramina as part of the Arrangement;

(c) The holders of Tenke Shares, other than Dissenting Shareholders, will hold Lundin Shares and Suramina Shares in replacement for their Tenke Shares, as provided by this Plan of Arrangement; and

(d) The holders of Tenke Stock Options will hold Lundin Stock Options in replacement for their Tenke Stock Options as provided by this Plan of Arrangement.

3.4 Post Effective Time Procedures

(a) After the Effective Date, certificates formerly representing Tenke Shares which are held by a Former Tenke Shareholder will, except for Tenke Shares held by Dissenting Shareholders, represent only the right to receive certificates representing Lundin Shares and Suramina Shares, all in accordance with the terms of this Plan of Arrangement.

(b) On or promptly after the Effective Date, Lundin shall deliver or arrange to be delivered to the Depositary certificates representing the Lundin Shares required to be issued to Former Tenke Shareholders in accordance with the provisions of Section 3.1 hereof, which certificates shall be held by the Depositary as agent and nominee for such Former Tenke Shareholders for distribution to such Former Tenke Shareholders in accordance with the provisions of Article III hereof.

(c) On or promptly after the Effective Date, Suramina shall deliver or arrange to be delivered to the Depositary certificates representing the Suramina Shares required to be issued to Former Tenke Shareholders in accordance with the provisions of Section 3.1 hereof, which certificates shall be held by the Depositary as agent and nominee for such Tenke shareholders for distribution to such Former Tenke Shareholders in accordance with the provisions of Article III hereof.

(d) A Former Tenke Shareholder who is an Eligible Holder and who has transferred a Class A Share to Lundin pursuant to the Arrangement shall be entitled to make an income tax election, pursuant to section 85 of the Tax Act (and any analogous provisions of provincial income tax law) with respect to such transfer by providing two signed copies of the necessary election forms to an appointed representative, as directed by Tenke or Lundin, within 90 days following the Effective Date, duly completed with the details of the number of shares transferred and the applicable agreed amounts for the purposes of such election. Thereafter, subject to such election forms complying with requirements under the Tax Act (or applicable provincial income tax law), such forms shall be signed and returned to such Former Tenke Shareholder within 90 days after the receipt thereof by Lundin or any successor corporation for filing with the Canada Revenue Agency (or the applicable provincial tax authority). Lundin or any successor corporation shall not be responsible for the proper completion of any election form and, except for the obligation to sign and return duly completed election forms which are received within 90 days of the Effective Date, Lundin or any successor will not be responsible for any taxes, interest or penalties resulting from the failure of a Former Tenke Shareholder to properly complete or file such election forms in the form and manner and within the time prescribed by the Tax Act (or any applicable provincial legislation). In its sole discretion, Lundin or any successor corporation may choose to sign and return an election form received by it more than 90 days following the Effective Date, but will have no obligation to do so.

3.5 No Fractional Lundin Shares

No fractional Lundin Shares shall be issued to Former Tenke Shareholders and any fractional number of Lundin Shares shall be accumulated, and all whole Lundin Shares shall be sold. Former Tenke Shareholders otherwise entitled to receive a fractional interest in a Lundin Share will receive a cash payment equal to such person's pro rata portion of the net proceeds after expenses received by the Depositary upon such sale of the whole Lundin Shares.

ARTICLE IV
RIGHTS OF DISSENT

4.1 Dissent Rights

Notwithstanding Article 3, each registered holder of Tenke Shares is entitled to dissent from the Arrangement and to be paid the fair value of the Tenke Shares held by such holder in respect of which such holder dissents, determined as of the day before the date on which the Arrangement Resolution is passed (and in the event that the Arrangement becomes effective) in connection with the Plan of Arrangement (the "**Dissent Right**") provided that such holder complies with section 190 of the CBCA (as modified by the Interim Order, the Final Order and this section 4.1) as if section 190 (as so modified) were applicable to such registered holders.

Holders of Tenke Shares who exercise Dissent Rights and who are ultimately determined not to be entitled, for any reason, to be paid fair value for their Tenke Shares, shall have participated and shall be deemed to have participated in the Arrangement, as at the Effective Time, on the same basis as a non-Dissenting Shareholder and shall receive Suramina Shares and Lundin Shares in respect of their Tenke Shares on the basis set forth in Article 3.

In no case shall Tenke, Lundin or any other Person be required to recognize a Dissenting Shareholder as a holder of Tenke Shares after the Effective Time and the name of each Dissenting

Shareholder shall be deleted from the register of holders of Tenke Shares as at the Effective Time.

ARTICLE V
CERTIFICATES

5.1 Share Certificates

Upon surrender to the Depositary for cancellation of a certificate which immediately prior to the Effective Time represented one or more outstanding Tenke Shares together with such other documents and instruments as would have been required to effect the transfer of the Tenke Shares formerly represented by such certificate under the CBCA and the by-laws of Tenke and such additional documents and instruments as the Depositary may reasonably require, the holder of such surrendered certificate shall be entitled to receive in exchange therefor, and the Depositary shall deliver to such holder following the Effective Time, a certificate representing the Suramina Shares and the Lundin Shares which such holder is entitled to receive in accordance with Section 3.1 hereof.

5.2 Lost Certificates

In the event that any certificate which immediately prior to the Effective Time represented one or more outstanding Tenke Shares shall have been lost, stolen or destroyed, upon the making of an affidavit of that fact by the Person claiming such certificate to be lost, stolen or destroyed, the Depositary will issue to such Person the Lundin Shares that such Person would have been entitled to had such share certificate not been lost, stolen or destroyed. When authorizing such payment in exchange for any lost, stolen or destroyed certificate, the Person to whom the Suramina Shares and Lundin Shares are to be issued shall, as a condition precedent to the payment thereof, give bonds satisfactory to Suramina and Lundin in such sums as Suramina and Lundin may direct or otherwise indemnify the Depositary, Suramina and Lundin in a manner satisfactory to each of them against any claim that may be made against the Depositary, Suramina or Lundin with respect to the certificate alleged to have been lost, stolen or destroyed.

5.3 Distributions with Respect to Unsurrendered Certificates

No dividend or other distribution declared or made after the Effective Time with respect to Lundin Shares or Suramina Shares with a record date after the Effective Time shall be delivered to the holder of any unsurrendered certificate which, immediately prior to the Effective Time, represented outstanding Tenke Shares unless and until the holder of such certificate shall have complied with the provisions of Section 5.1 and Section 5.2 hereof. Subject to applicable law and to Section 5.4 hereof, at the time of such compliance, there shall, in addition to the delivery of a certificate representing the Lundin Shares and Suramina Shares to which such holder is thereby entitled, be delivered to such holder, without interest, the amount of the dividend or other distribution with a record date after the Effective Time theretofore paid with respect to Lundin Shares or Suramina Shares, as the case may be.

5.4 Withholding Rights

Suramina, Lundin and the Depositary shall be entitled to deduct and withhold from all dividends or other distributions otherwise payable to any Former Tenke Shareholder such amounts as Suramina, Lundin or the Depositary is required or permitted to deduct and withhold with respect to such payment under the *Income Tax Act* (Canada), the United States Internal Revenue Code of 1986 or any provision of any applicable federal, provincial, state, local or foreign tax law, in each case, as amended. To the extent that amounts are so withheld, such withheld amounts shall be treated for all purposes hereof as having been paid to the Former Tenke Shareholder in respect of which such deduction and withholding was made, provided that such withheld amounts are actually remitted to the appropriate taxing authority.

5.5 Limitation and Proscription

To the extent that a Former Tenke Shareholder shall not have complied with the provisions of Section 5.1 or Section 5.2 hereof on or before the date which is six years after the Effective Date (the "final proscription date"), then the Suramina Shares and Lundin Shares which such Former Tenke Shareholder was entitled to receive shall be automatically cancelled without any repayment of capital in respect thereof and the certificates representing such Suramina Shares and Lundin Shares shall be delivered to Suramina and/or Lundin by the Depositary for cancellation and shall be cancelled by Suramina and Lundin and the interest of the Former Tenke Shareholder in such Suramina Shares and Lundin Shares shall be terminated as of such final proscription date.

ARTICLE VI
GENERAL

6.1 Effectiveness

No portion of this Plan of Arrangement shall take effect with respect to any Person until the Effective Time.

6.2 Paramountcy

From and after the Effective Time: (i) this Plan of Arrangement shall take precedence and priority over any and all Tenke Shares issued prior to the Effective Time; (ii) the rights and obligations of the registered holders of Tenke Shares, any trustee or transfer agent therefor, shall be solely as provided for in this Plan of Arrangement; and (iii) all actions, causes of action, claims or proceedings (actual or contingent and whether or not previously asserted) based on or in any way relating to any Tenke Shares shall be deemed to have been settled, compromised, released and determined without liability except as set forth herein.

6.3 Amendment

(a) Lundin and Tenke reserve the right to amend, modify and/or supplement this Plan of Arrangement at any time and from time to time prior to the Effective Date, provided that any such amendment, modification and/or supplement must be contained in a written document which is (i) agreed to by each of Lundin and Tenke pursuant to the Arrangement Agreement, (ii) filed with the Court and, if made following the Tenke

Meeting, approved by the Court, and (iii) if so required by the Court, communicated to Holders of Tenke Shares in the manner required by the Court.

(b) Any amendment, modification or supplement to this Plan of Arrangement may be proposed by Lundin or Tenke at any time prior to or at the Meeting shall, with or without any prior notice or communication, and if so proposed and accepted by the Persons voting at the Meetings (other than as may be required under the Interim Order), shall become part of this Plan of Arrangement for all purposes.

(c) Any amendment, modification and/or supplement to this Plan of Arrangement that is approved by the Court following the Meeting shall be effective only if: (i) it is agreed to by each of Lundin and Tenke pursuant to the Arrangement Agreement; and (ii) if required by the Court, it is consented to by holders of the Tenke Shares voting in the manner directed by the Court.

(d) Any amendment, modification and/or supplement to this Plan of Arrangement may be made by Lundin and Tenke after the Effective Date without the approval of the Holders of Lundin Shares or Tenke Shares provided that: (i) it is agreed to by the parties pursuant to the Arrangement Agreement, and (ii) it concerns a matter which, in the reasonable opinion of Lundin and Tenke, is of an administrative or ministerial nature required to better give effect to the implementation of this Plan of Arrangement and is not materially adverse to the financial or economic interests of the Holders of Lundin Shares or Tenke Shares.

6.4 Termination

At any time up until the time the Final Order is made, but subject to the Arrangement Agreement, Tenke and Lundin may mutually determine not to proceed with this Plan of Arrangement, or to terminate this Plan of Arrangement, notwithstanding any prior approvals given at the Meetings.

6.5 Further Assurances

Notwithstanding that the transactions and events set out in this Plan of Arrangement shall occur and be deemed to have occurred in the order set out herein, without any further act or formality, each of the parties to the Arrangement Agreement shall make, do and execute, or cause to be made, done and executed, all such further acts, deeds, agreements, transfers, assurances, instruments or documents as may reasonably be required by any of them in order to implement this Plan of Arrangement and to further document or evidence any of the transactions or events set out herein.

6.6 Notices

Any notice, consent, waiver, direction or other communication required or permitted to be given under this Plan of Arrangement shall be in writing and shall refer to this Plan of Arrangement and may be made or given by the Person making or giving it or by any agent of such Person authorized for that purpose by personal delivery, by prepaid mail or by telecopier addressed to the respective Parties as follows:

(a) if to Lundin:

Lundin Mining Corporation
2101-885 West Georgia Street
Vancouver, British Columbia
V6C-3E8

Attention: Mr. Colin K. Benner

Facsimile: (604) 689-4250

with a copy (which shall not constitute notice) to:

McCullough, O'Connor Irwin LLP
1100-888 West Georgia Street
Vancouver, British Columbia
V6C-3K4

Attention: Kevin Hisko

Facsimile: (604) 687-7099

(b) If to Tenke:

Tenke Mining Corp.
Suite 2101-885 West Georgia Street
Vancouver, British Columbia
V6C 3E8

Attention: Paul Conibear, President and Chief Executive Officer

Facsimile: (604) 689-4250

(c) if to a holder of Tenke Shares or Lundin Shares, to the last known address for such holder as shown on the books maintained by Tenke or Lundin or their transfer agents.

Any such notice, consent, waiver, direction or other communication shall, if delivered, be deemed to have been given and received on the date on which it was delivered to the address provided herein (if prior to 4:00 p.m. at the place of receipt on a Business Day or, if not, on the next Business Day) and if sent by facsimile transmission be deemed to have been given and received at the time of receipt unless actually received on a day other than a Business Day or after 4:00 p.m. at the place of receipt on a Business Day in which case it shall be deemed to have been given and received on the next Business Day. Any such address for service or facsimile number may be changed by notice given as aforesaid.

SCHEDULE C
NOTICE OF APPLICATION

Commercial List File No. 07-CL- 7025

ONTARIO
SUPERIOR COURT OF JUSTICE
COMMERCIAL LIST

BETWEEN:

TENKE MINING CORP.

Applicant

IN THE MATTER OF Section 192 of the *CANADA BUSINESS CORPORATIONS ACT*, being Chapter C-44 of The Revised Statutes of Canada 1985, as amended

AND IN THE MATTER OF a Proposed Arrangement involving TENKE MINING CORP., LUNDIN MINING CORPORATION and 6749461 CANADA INC. (to be renamed Suramina Resources Inc.)

NOTICE OF APPLICATION

A LEGAL PROCEEDING HAS BEEN COMMENCED by the applicant. The claim made by the applicant appears on the following pages.

THIS APPLICATION will be made to a judge presiding over the Commercial List on Thursday, June 21, 2007 at 10:00 a.m. at 330 University Avenue, 7th Floor, Toronto, Ontario.

IF YOU WISH TO OPPOSE THIS APPLICATION, to receive notice of any step in the application or to be served with the documents in the application, you or an Ontario lawyer acting for you must prepare a notice of appearance in Form 38A prescribed by the Rules of Civil Procedure, serve it on the Applicant's lawyer(s) or, where the Applicant does not have a lawyer, serve it on the Applicant, and file it, with proof of service, in this court office, and you or your lawyers(s) must appear at the hearing.

IF YOU WISH TO PRESENT AFFIDAVIT OR OTHER DOCUMENTARY EVIDENCE TO THE COURT OR TO EXAMINE OR CROSS-EXAMINE WITNESSES ON THE APPLICATION, you and your lawyer(s) must, in addition to serving your notice of appearance, serve a copy of the evidence on the Applicant's lawyer(s) or, where the Applicant does not have a lawyer, serve it on the Applicant, and file it, with proof of service, in the court office where the application is to be heard as soon as possible, but not later than 2 p.m. on the day before the hearing.

IF YOU FAIL TO APPEAR AT THE HEARING, JUDGMENT MAY BE GIVEN IN YOUR ABSENCE AND WITHOUT FURTHER NOTICE TO YOU. IF YOU WISH TO DEFEND THIS PROCEEDING BUT ARE UNABLE TO PAY LEGAL FEES, LEGAL AID MAY BE AVAILABLE TO YOU BY CONTACTING A LEGAL AID OFFICE.

Date: May 14th, 2007

Issued by _____
Local registrar

Address of court office: 393 University Avenue, 10th floor, Toronto ON M5G 1E6

TO: **ALL HOLDERS OF SHARES AND OPTIONS OF TENKE MINING CORP.**

AND TO: **OTHER PERSONS AND ENTITIES HAVING AN INTEREST IN THE AFFAIRS OF TENKE MINING CORPORATION**

AND TO: **The Director under the Canada Business Corporations Act**
Industry Canada
Arrangements and Exemptions Section
365 Laurier Avenue West
Ottawa, ON
K1A 0C8

AND TO: **LUNDIN MINING CORPORATION**

APPLICATION

1. **THE APPLICANT MAKES APPLICATION FOR:**

   (a) An Interim Order for advice and directions of this Honourable Court pursuant to subsection 192(4) of the *Canada Business Corporations Act*, R.S.C. 1985, c. C-44, as amended (the "CBCA") with respect to notice, the conduct of a meeting (the "Meeting") of the common shareholders of Tenke Mining Corp. ("Tenke") and such other matters pertaining to a proposed arrangement (the "Arrangement") involving Tenke, as described below;

   (b) A Final Order of the Superior Court of Justice pursuant to section 192 of the CBCA approving the Arrangement if it is adopted and approved by the common shareholders of Tenke (the "Tenke Shareholders") at the Meeting; and

   (c) Such further and other relief as to this Honourable Court seems just.

2. **THE GROUNDS FOR THE APPLICATION ARE:**

   (a) Tenke is a Canadian mining company with development projects and exploration activities in the Democratic Republic of Congo, Argentina and Chile;

   (b) Tenke is a reporting issuer in British Columbia, Alberta, Saskatchewan, Ontario and Quebec whose shares trade publicly on the Toronto Stock Exchange;

   (c) Tenke intends to call and conduct the Meeting to have the Tenke Shareholders consider and vote upon a proposed arrangement (the "Arrangement") providing for the exchange by the Tenke Shareholders of their Common Shares for shares of both 6749461 Canada Inc., to be renamed Suramina Resources Inc. ("Newco") and Lundin Mining Corporation ("Lundin"), which will collectively own the current assets and business of Tenke;

(d) the Arrangement is supported by a fairness opinion which states that the Arrangement is fair, from a financial point of view, to the Tenke Shareholders;

(e) the shares of Newco and Lundin to be issued to Tenke Shareholders pursuant to the Arrangement will be issued in reliance upon the exemption provided by section 3(a)(10) of the *United States Securities Act* of 1933, as amended;

(f) the Arrangement is a multi-step process, and it is impracticable for Tenke to proceed with the proposed transaction other than under section 192 of the CBCA;

(g) Tenke is not insolvent within the meaning of s.192(2) of the CBCA;

(h) pursuant to an interim order (the "Interim Order") of this Court to be obtained by Tenke, notice of this application will be served on Tenke Shareholders at their respective registered addresses as they appear on the books of Tenke at the close of business on May 8, 2007, including those Tenke Shareholders whose registered addresses are outside the Province of Ontario. Service of these proceedings on holders of options of Tenke and on persons outside Ontario will be effected pursuant to Rules 17.02(n) and (o) of the *Rules of Civil Procedure* and the Interim Order. With respect to all other persons and entities having an interest in the affairs of Tenke, notice of this application will be given in accordance with the provisions of the Interim Order;

(i) Rules 14.05 and 38 of the Rules *of Civil Procedure*;

(j) Sections 190 and 192 of the CBCA; and

(k) such further and other grounds as counsel may advise and this Honourable Court may permit.

3. **THE FOLLOWING DOCUMENTARY EVIDENCE** will be used at the hearing of the application:

(a) the affidavit of Paul K. Conibear, the President and Chief Executive Officer of Tenke;

(b) a supplementary affidavit to be filed after the Meeting and detailing the events thereat;

(c) such further affidavits of deponents on behalf of Tenke reporting as to compliance with the Interim Order; and

(d) such further and other documentary evidence as may be necessary for the hearing of the application and as may be permitted by the Court.

May 14, 2007

Cassels Brock & Blackwell LLP
2100 Scotia Plaza
40 King Street West
Toronto, Ontario M5H 3C2

Robert B. Cohen LSUC#: 32187D
Tel: 416-869-5425
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Solicitors for the Applicant

IN THE MATTER OF TENKE MINING CORP.

Commercial List Court No.: 07-CL-

ONTARIO
SUPERIOR COURT OF JUSTICE
COMMERCIAL LIST

Proceeding commenced at TORONTO

NOTICE OF APPLICATION

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Commercial List File No. 07-CL-7025

ONTARIO
SUPERIOR COURT OF JUSTICE
COMMERCIAL LIST

THE HONOURABLE MR	)	FRIDAY, THE 18TH DAY
	)	
JUSTICE C L CAMPBELL	)	OF MAY, 2007

TENKE MINING CORP.

Applicant

IN THE MATTER OF Section 192 of the *CANADA BUSINESS CORPORATIONS ACT*, being Chapter C-44 of The Revised Statutes of Canada 1985, as amended

AND IN THE MATTER OF a Proposed Arrangement involving TENKE MINING CORP, LUNDIN MINING CORP. and 6749461 CANADA INC. (to be renamed Suramina Resources Inc.)

INTERIM ORDER

THIS MOTION, made by Tenke Mining Corp. ("Tenke") for advice and directions of the Court in connection with a proposed arrangement under Section 192 of the *Canada Business Corporations Act*, R.S.C. 1985, c. C-44, as amended (the "CBCA") and for an Order:

(a) abridging the time for service of or dispensing with service of the Notice of Motion and Motion Record;

(b) authorizing Tenke to call and conduct a meeting of the holders of its common shares to approve the proposed plan of arrangement; and

(c) granting certain other ancillary relief,

was heard this day at 330 University Avenue, 7th Floor, Toronto, Ontario.

ON READING the Notice of Application and Notice of Motion herein, the Affidavit of Paul K. Conibear sworn May 14, 2007 (the "Supporting Affidavit") and the exhibits thereto, and on hearing the submissions of counsel for the Applicant, the Director (the "Director") appointed under the CBCA having been served and advising that the Director does not intend to appear or make submissions,

Service

1. **THIS COURT ORDERS** that the time for service of the Notice of Motion and Motion Record be and the same is hereby abridged and that the Notice of Motion is properly returnable today and that service of the Notice of Motion and Motion Record on any of the holders (the "Tenke Shareholders") of Tenke's issued and outstanding common shares or on any other interested person is hereby dispensed with.

The Meeting

2. **THIS COURT ORDERS** that Tenke shall call, hold and conduct a special meeting (the "Meeting") of the Tenke Shareholders on Monday, June 18, 2007 to consider and, if deemed advisable, to pass, with or without variation, a special resolution to approve the proposed plan of arrangement (the "Plan of Arrangement") referred to in the Supporting Affidavit or as subsequently modified.

3. **THIS COURT ORDERS** that, subject to paragraph 4 below, Tenke, if it deems advisable, is specifically authorized to postpone or adjourn the Meeting on one or more occasions, without the necessity of further Order of the Court or first convening the Meeting or first obtaining any vote of the Tenke Shareholders respecting the postponement or adjournment.

4. **THIS COURT ORDERS** that the Meeting shall be called, held and conducted in accordance with the CBCA, the articles and the by-laws of Tenke, including a quorum requirement of at least two (2) persons being present in person or by proxy at the Meeting holding.

5. **THIS COURT ORDERS** that the only persons entitled to notice of or to attend the Meeting shall be Tenke Shareholders as they may appear on the records of Tenke as at the close of business on May 8, 2007 (the "Record Date") and the directors, auditors and advisors of Tenke, and the only persons entitled to be represented and to vote at the Meeting, either in person or by proxy, shall be such Tenke Shareholders, subject to the provisions of the CBCA with respect to persons who become registered holders of common shares in Tenke after that date.

6. **THIS COURT ORDERS** that Tenke shall mail the Management Information Circular (the "Information Circular"), substantially in the form attached as Exhibit "A" to the Supporting Affidavit with such amendments as are not inconsistent with the provisions of this Interim Order, the Notice of Application and any other documents or communications determined by Tenke to be necessary or appropriate which are not inconsistent with the provisions of this Interim Order (collectively, the "Meeting Materials") to the Tenke Shareholders as shown on the register of shareholders at the close of business on the Record Date (other than those Tenke Shareholders whose mail from Tenke has been returned on three consecutive occasions), to Tenke's directors, and to the auditors of Tenke by one of the following methods not less than twenty-one (21) days before the date of the Meeting, excluding the date of delivery and the date of the Meeting:

(i) in the case of registered holders of Tenke's common shares or holders of options to acquire Tenke's common shares, by ordinary prepaid mail, courier or delivery in person to each such holder at his, her or its address as shown on the books or records of Tenke or its registrar and transfer agent;

(ii) in the case of non-registered holders of Tenke's common shares, by providing an adequate number of copies of the Meeting Materials to intermediaries and registered nominees to facilitate the distribution of the Meeting Materials to beneficial holders of Tenke's common shares;

(iii) in the case of the directors of Tenke, by ordinary prepaid mail, courier or delivery in person, addressed to the individual directors; and

(iv) in the case of the auditors of Tenke, by ordinary prepaid mail, courier or delivery in person, addressed to the firm of auditors;

and such mailing, transmission, delivery or distribution, as applicable, shall constitute good and sufficient service of notice of the Application, the Meeting and the hearing in respect of the Application upon such persons, and no other form of service need be made or other material served.

7. **THIS COURT ORDERS** that the Meeting Materials shall be deemed, for the purposes of this Interim Order and the Application, to have been received:

(i) in the case of distribution by ordinary prepaid mail, three (3) business days after delivery thereof to the post office;

(ii) in the case of distribution by courier, one (1) business day after receipt by the courier; and

(iii) in the case of distribution by delivery in person, on receipt thereof by the intended addressee.

8. **THIS COURT ORDERS** that Tenke is authorized, at its own expense, to solicit proxies, directly or through its officers, directors or employees, and through such agents or representatives as it may retain for the purpose, and by mail or such other forms of personal or electronic communication as it may determine.

9. **THIS COURT ORDERS** that any accidental omission to give notice of the Meeting to, or the non-receipt of such notice by, one or more of the persons specified in this Interim Order, shall not invalidate any resolution passed at the Meeting or the proceedings herein.

10. **THIS COURT ORDERS** that the Information Circular shall be filed with the Court following the mailing thereof to the Tenke Shareholders and others referred

to in paragraph 6 above. The Information Circular shall contain (i) a copy of the Notice of Meeting; (ii) a copy of the Notice of Application; (iii) a copy of this Interim Order; (iv) a copy of the proposed Plan of Arrangement; (v) the materials prescribed by the CBCA and applicable securities legislation; and (vi) such further and other materials as Tenke may provide.

11. **THIS COURT ORDERS** that the Meeting shall be conducted at the location specified in the Notice of Meeting.

12. **THIS COURT ORDERS** that Paul K. Conibear, President and Chief Executive Officer, Chairman of the Board of Directors of Tenke, or such person as may be appointed in accordance with the by-laws of Tenke, shall preside as the Chair of the Meeting, and, subject to the provisions of the CBCA and subject to the provisions of this Interim Order, shall decide all matters relating to the conduct of the Meeting.

13. **THIS COURT ORDERS** that each holder of Tenke common shares shall be entitled at the Meeting on a ballot on a special resolution relating to the Plan of Arrangement to one vote for each Tenke common share held. The Chair shall direct a vote at the Meeting in respect of a special resolution relating to the Plan of Arrangement, and the vote required to pass the aforesaid special resolution relating to the Plan of Arrangement at the Meeting, with or without variation, shall be the affirmative vote of at least two-thirds of the votes cast by the holders of Tenke's common shares, present in person or represented by proxy, at the Meeting.

14. **THIS COURT ORDERS** that, for the purpose of the Meeting, any spoiled votes, invalid votes, illegible votes, defective votes and abstentions shall be deemed not to be votes cast.

Rights of Dissent

15. **THIS COURT ORDERS** that the Tenke Shareholders shall be permitted to dissent from the Arrangement pursuant to Section 190 of the CBCA and the Plan of Arrangement, so long as they provide written objection thereto to Tenke on or

before 5:00 p.m. (Western Time) on the business day preceding the Meeting (or any postponement or adjournment thereof) and otherwise strictly comply with the requirements of the Plan of Arrangement and the requirements of the CBCA.

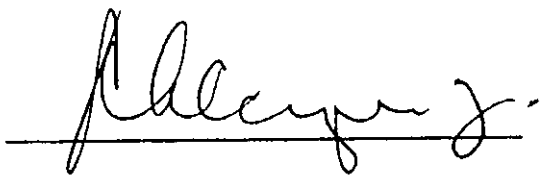
Approval of Arrangement

16. **THIS COURT ORDERS** that upon approval of the Plan of Arrangement by the Tenke Shareholders in the manner set forth in this Interim Order, the Applicant may apply before this Court on Thursday, June 21, 2007 at 10:00 a.m. for approval of the Plan of Arrangement (the "Approval Application"), with or without variation, and that service of the Notice of Application herein, in accordance with this Interim Order and in accordance with the provisions below, shall constitute good and sufficient service of such Notice of Application upon all persons and entities who are entitled to receive such Notice of Application and no other form of service need be made and no other material need be served on such persons in respect of the Approval Application, unless a Notice of Appearance is served on the Applicant's solicitors in accordance with the terms set out in the Information Circular and herein.

17. **THIS COURT ORDERS** that any of the Tenke Shareholders or any other interested person or entity may appear at the Approval Application provided such holder or person serves a Notice of Appearance on the Applicant's solicitors and files it with the Court no later than two (2) days prior to the Approval Application, and the Notice of Appearance shall set out the address for service in respect of such holder or person and indicate whether such holder or person intends to support or oppose the Approval Application or make submissions thereat and attach any evidence or materials which are to be presented to this Court.

18. **THIS COURT ORDERS** that, in the event that the Approval Application for final approval of the Arrangement is adjourned, only the parties having previously served a Notice of Appearance shall receive notice of the adjourned date.

19. **THIS COURT ORDERS** that the Applicant may, at any time, seek leave to vary this Interim Order without further notice to anyone, other than the Director.



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MAY 18 2007

PER/PAR:

IN THE MATTER OF TENKE MINING CORP.

Commercial List File No. 07-CL-7025

ONTARIO
SUPERIOR COURT OF JUSTICE
COMMERCIAL LIST

Proceeding commenced at TORONTO

INTERIM ORDER

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SCHEDULE D
FAIRNESS OPINION

May 17, 2007

The Special Committee of the Directors of
Tenke Mining Corp.
Suite 2101
885 West Georgia Street
Vancouver, British Columbia
V6C 3E8

To the Special Committee:

Dundee Securities Corporation ("Dundee Securities") understands that Tenke Mining Corp. ("Tenke") and Lundin Mining Corporation ("Lundin") and a wholly-owned subsidiary of Tenke, Suramina Resources Inc. ("Suramina"), have entered into a business combination agreement dated April 10, 2007 (the "Business Combination Agreement") pursuant to which, among other things, (i) Tenke will convey to Suramina the South American Assets (as defined in the Business Combination Agreement) and cash in the amount of US$5,000,000 and the common shares of Suramina will be distributed to the holders of common shares of Tenke on a one-for-one basis and (ii) the outstanding common shares of Tenke will be exchanged for common shares of Lundin on the basis (the "Exchange Ratio") of 1.73 common shares of Lundin and $0.001 for each common share of Tenke, all pursuant to a court approved plan of arrangement (the "Arrangement") under the *Canada Business Corporations Act*. Pursuant to the Arrangement, each of the options exercisable for common shares of Tenke will be exchanged for options exercisable for common shares of Lundin on the basis of the Exchange Ratio and will be amended to provide that they will expire on the earlier of the original expiry date and 180 days after the optionee ceases to be eligible to hold options under the stock option plan of Tenke.

In addition, Dundee Securities understands that:

(a) each of the officers and directors of Lundin and each person, company or trust that has, to the actual knowledge of Lundin, based on public filings made pursuant to *National Instrument 62-103 – The Early Warning System and Related Take-Over Bid and Insider Reporting Issues* of the Canadian Securities Administrators ("NI 62-103") (i) direct or indirect beneficial ownership of, (ii) control or direction over, or (iii) a combination of direct or indirect beneficial ownership of and control or direction over, common shares of Lundin carrying more than 10% of the voting rights attached to all of the outstanding common shares of Lundin, has entered into an agreement with Tenke (the "Lundin Lock-Up Agreement") pursuant to which they have agreed to vote such common

shares in favour of the issue of common shares of Lundin and the exchange of options exercisable for common shares of Lundin, in each case in connection with the Arrangement, and all related matters at the Lundin Meeting (as defined in the Proxy Circular (as defined below)) and

(b) each of the officers and directors of Tenke and each person, company or trust that has, to the actual knowledge of Tenke, based on public filings made pursuant to NI 62-103 (i) direct or indirect beneficial ownership of, (ii) control or direction over, or (iii) a combination of direct or indirect beneficial ownership of and control or direction over, common shares of Tenke carrying more than 10% of the voting rights attached to all of the outstanding common shares of Tenke, has entered into an agreement with Lundin (the "Tenke Lock-Up Agreement") pursuant to which they have agreed to vote such common shares in favour of the Arrangement and all related matters at the Tenke Meeting (as defined in the Proxy Circular).

Detailed terms and conditions of the Business Combination Agreement, the Lundin Lock-Up Agreement and the Tenke Lock-Up Agreement are to be set forth in a notice of meeting and management information circular of Tenke (collectively the "Proxy Circular") to be mailed to the shareholders of Tenke in connection with the Arrangement.

Dundee Securities further understands that Lundin has made an offer for all of the common shares and warrants of Rio Narcea Gold Mines, Ltd. on a cash basis (the "Rio Narcea Offer").

Dundee Securities also understands that a special committee (the "Special Committee") of the directors of Tenke was constituted to consider the Arrangement and to make recommendations thereon to the directors of Tenke. The Special Committee has retained Dundee Securities to provide advice and assistance to the Special Committee in considering the Arrangement, including the preparation and delivery of an opinion (the "Fairness Opinion") as to the fairness, from a financial point of view, of the Arrangement to the shareholders of Tenke other than Lundin and the associates and affiliates thereof (the "Minority Shareholders").

Engagement

Dundee Securities was formally engaged by the Special Committee pursuant to an agreement dated February 28, 2007 and amended April 4, 2007 (the "Dundee Agreement"), to provide the Special Committee with advisory services in respect of the Arrangement. The Dundee Agreement provides that Dundee Securities is to be paid fees for its services in respect of the Arrangement. The fees payable to Dundee Securities are not dependent in any way on the conclusion of the Fairness Opinion or the success of the Arrangement. In addition, under the Dundee Agreement, Dundee Securities is to be reimbursed for reasonable out-of-pocket expenses and to be indemnified by Tenke in certain circumstances. Dundee Securities consents to the inclusion of the Fairness Opinion in its entirety and/or a summary thereof in the Proxy Circular and to the filing thereof, as necessary, by Tenke with the securities commissions or similar regulatory authorities in each province and territory of Canada (including on the System for Electronic Document Analysis and Retrieval) and with the Toronto Stock Exchange.

Credentials of Dundee Securities

Dundee Securities is one of Canada's leading independent investment dealers with operations in corporate finance, equity sales and trading and investment research. The opinion expressed

herein is the opinion of Dundee Securities, the form and content of which have been approved for release by a committee of its directors and officers, each of whom is experienced in merger, acquisition, divestiture and fairness opinion matters.

Independence of Dundee Securities

Dundee Securities is not an insider, associate or affiliate (as such terms are defined in the *Securities Act* (Ontario)) of either Tenke or Lundin or any of their respective associates or affiliates and is not an advisor to any person other than to the Special Committee with respect to the Arrangement. Dundee Securities has not provided any financial advisory services or participated in any financing involving Tenke or Lundin or any of their respective associates or affiliates within the past 24 months, other than services provided under, or in connection with the transactions contemplated by, the Dundee Agreement.

In addition, Dundee Securities acts as a trader and dealer, both as principal and agent, in major financial markets and, as such, may in the ordinary course of business actively trade, or have had and may in the future have positions in securities of Tenke, Lundin or any of their respective associates or affiliates and, from time to time, may have executed or may execute transactions on behalf of clients for which Dundee Securities received or may receive compensation. As an investment dealer, Dundee Securities conducts research on securities and may, in the ordinary course of business, provide research reports and investment advice to its clients on investment matters, including with respect to Tenke, Lundin or their respective associates or affiliates, or with respect to the Arrangement. Dundee Securities has not entered into any other agreement or arrangement with Tenke or Lundin or any of their respective associates or affiliates with respect to any future dealings. Dundee Securities may, in the future, in the ordinary course of business, provide financial advisory or investment banking services to Tenke, Lundin or any of their respective associates or affiliates.

Scope of Review

In connection with rendering the Fairness Opinion, Dundee Securities has, among other things, carried out the following:

(a) review of the Business Combination Agreement;

(b) review of the Lundin Lock-Up Agreement;

(c) review of the Tenke Lock-Up Agreement;

(d) review of the draft dated May 16, 2007 of the Proxy Circular (the "Draft Circular");

(e) review of the audited consolidated financial statements of Tenke for the three financial years ended December 31, 2004, 2005 and 2006;

(f) review of the audited consolidated financial statements of Lundin for the three financial years ended December 31, 2004, 2005 and 2006;

(g) review of the annual reports to the shareholders of Tenke for the two financial years ended December 31, 2005 and 2006;

(h) review of the annual reports to the shareholders of Lundin for the two financial years ended December 31, 2004 and 2005;

(i) review of the management's discussion and analysis of Tenke for the three financial years ended December 31, 2004, 2005 and 2006;

(j) review of the management's discussion and analysis of Lundin for the three financial years ended December 31, 2004, 2005 and 2006;

(k) review of the unaudited consolidated interim financial statements of Tenke for the period ending March 31, 2007;

(l) review of the unaudited consolidated interim financial statements of Lundin for the period ending March 31, 2007;

(m) review of the management's discussion and analysis of Tenke for the period ending March 31, 2007;

(n) review of the management's discussion and analysis of Lundin for the period ending March 31, 2007;

(o) review of the proxy circulars of Tenke for the three financial years ended December 31, 2004, 2005 and 2006;

(p) review of the proxy circulars of Lundin for the three financial years ended December 31, 2003, 2004 and 2005;

(q) review of the annual information forms of Tenke for the three financial years ended December 31, 2004, 2005 and 2006;

(r) review of the annual information forms of Lundin for the three financial years ended December 31, 2004, 2005 and 2006;

(s) review of the Tenke Fungurume Mining S.A.R.L. Activity Report 4th Quarter 2006;

(t) review of the Tenke Fungurume Feasibility Study Feb 2007 Technical Report dated April 12, 2007; the Resource Estimate Summary Report dated May 20, 2006 for the Tenke Fungurume Project; the Preliminary Resource Estimate dated January 23, 2006 for the Josemaria Project; and the Summary Report dated April 20, 2005 for the Josemaria-Batidero Project;

(u) review of the Technical Report dated May 2006 on the Norrliden Resource Estimation; the Technical Review dated April 22, 2005 of the Galmoy Mine and Prospecting Licences Held by Arcon in the Irish Midlands-Republic of Ireland; the Technical Report dated March 31, 2006 on the Aljustrel Project; the Technical Report dated March 4, 2005 on the Storliden Mine; the updated Technical Review dated February 15, 2005 of the Kiruna Area IOCG Projects in Norrbotten County, Sweden; the Technical Report dated December 31, 2004 on the Ore Reserves and Mineral Resources of the Zinkgruvan Mine; the Technical

Review dated March 31, 2004 of the Zinkgruvan Mine; and the Technical Report dated March 5, 2004 on the Neves Corvo Mine;

(v) site visits conducted by Dundee Securities in 2006 on the Zinkgruvan Mine, the Galmoy Mine and the Tenke Fungurume project;

(w) site visits conducted by Dundee Securities in 2007 on the Neves-Corvo Mine and Aljustrel Project;

(x) review of Dundee Securities analysts reports and discussions with regard to site visits as performed by Dundee Securities analysts in their normal course of business;

(y) review of certain other internal information prepared and provided to Dundee Securities by the management of Tenke, concerning the business, operations, assets, liabilities and prospects of Tenke;

(z) discussions with the management of Tenke concerning the current business plan of Tenke, its financial condition, its future business prospects and potential alternatives to the Arrangement;

(aa) review of public information relating to the business, financial condition and trading history of each of Tenke and Lundin and other selected public companies we considered relevant;

(bb) review of information with respect to selected precedent transactions we considered relevant;

(cc) review of a certificate of representation as to certain factual matters and the completeness and accuracy of the information upon which the Fairness Opinion is based, addressed to Dundee Securities and dated the date hereof, provided by senior officers of Tenke;

(dd) review of a certificate of representation as to certain factual matters and the completeness and accuracy of the information upon which the Fairness Opinion is based, addressed to Dundee Securities and dated the date hereof, provided by senior officers of Lundin; and

(ee) such other information, investigations, analyses and discussions (including discussions with senior management, legal counsel to Tenke, legal counsel to the Special Committee and other third parties) as we considered necessary or appropriate in the circumstances.

Dundee Securities has not, to the best of our knowledge, been denied access by Tenke to any information requested by Dundee Securities. Dundee Securities did not meet with the auditors of Tenke or Lundin and has assumed the accuracy and fair presentation of, and relied upon, the respective audited consolidated financial statements of Tenke and Lundin and the respective reports of the auditors thereon.

Assumptions and Limitations

With the approval and agreement of the Special Committee and as provided in the Dundee Agreement, Dundee Securities has relied upon the completeness, accuracy and fair presentation of all financial information, business plans, forecasts and other information, data, advice, opinions and representations obtained by us from public sources, or provided to us by Tenke, its subsidiaries and their respective directors, officers, associates, affiliates, consultants, advisors and representatives relating to Tenke, Lundin, their respective subsidiaries, associates and affiliates, and to the Arrangement. The Fairness Opinion is conditional upon such completeness, accuracy and fair presentation. We have not been requested or, subject to the exercise of professional judgment, attempted to verify independently the completeness, accuracy or fair presentation of any such information, data, advice, opinions and representations.

Senior officers of Tenke have represented to Dundee Securities in a certificate delivered as of the date hereof, among other things, that (i) the information, data and other material (financial or otherwise) relating to Tenke or its subsidiaries provided to Dundee Securities by, or on behalf of, Tenke in connection with the engagement of Dundee Securities under the Dundee Agreement (collectively the "Tenke Information") is, or in the case of historical information was, at the date of preparation, true and accurate in all material respects and does not or did not, as the case may be, contain any untrue statement of a material fact or omit to state any material fact necessary to make the statements therein not misleading in light of the circumstances in which such statements were made and that (ii) since the dates on which the Tenke Information was provided to Dundee Securities, except as disclosed in writing to Dundee Securities, there has been no material change, financial or otherwise, in the financial condition, assets, liabilities (contingent or otherwise), business, operations or prospects of Tenke or any of its subsidiaries and no material change has occurred in the Tenke Information or any part thereof which would have or which would reasonably be expected to have a material effect on the Fairness Opinion.

Senior officers of Lundin have represented to Dundee Securities in a certificate delivered as of the date hereof, among other things, that (i) the information, data and other material (financial or otherwise) relating to Lundin provided to Dundee Securities by, or on behalf of, Lundin in connection with the engagement of Dundee Securities under the Dundee Agreement (collectively the "Lundin Information" and together with the Tenke Information the "Information") is, or in the case of historical information was, at the date of preparation, true and accurate in all material respects and does not or did not, as the case may be, contain any untrue statement of a material fact or omit to state any material fact necessary to make the statements therein not misleading in light of the circumstances in which such statements were made and that (ii) since the dates on which the Lundin Information was provided to Dundee Securities, except as disclosed in writing to Dundee Securities, there has been no material change, financial or otherwise, in the financial condition, assets, liabilities (contingent or otherwise), business, operations or prospects of Lundin or any of its subsidiaries and no material change has occurred in the Lundin Information or any part thereof which would have or which would reasonably be expected to have a material effect on the Fairness Opinion.

With respect to any forecasts, projections, estimates and budgets provided to Dundee Securities and considered in our analyses, Dundee Securities notes that projecting future results is inherently subject to uncertainty. Dundee Securities has assumed, however, that such forecasts, projections, estimates and budgets were prepared using the assumptions identified therein, which, in the opinion of Tenke or Lundin, as the case may be, are (or were at the time and continue to be) reasonable in the circumstances.

The Fairness Opinion is rendered as the date hereof and on the basis of securities markets, economic, financial and general business conditions prevailing as at the date hereof and the condition and prospects, financial and otherwise, of Tenke and Lundin and the respective subsidiaries and affiliates thereof as reflected in the Information and as represented to Dundee Securities in discussions with the management of Tenke and Lundin. In our analysis and in preparing the Fairness Opinion, Dundee Securities has made numerous assumptions with respect to industry performance, general business and economic conditions and other matters, many of which are beyond the control of Dundee Securities and any party involved in the Arrangement and, while considered reasonable under current circumstances, may prove to be incorrect. Dundee Securities has further assumed that the Draft Circular reviewed will be finalized substantially in the form reviewed and will be distributed to the shareholders of Tenke in accordance with all applicable laws and the disclosure in the Proxy Circular will be accurate in all material respect and will comply in all material respects with the requirements of all applicable laws. In addition, in preparing the Fairness Opinion, Dundee Securities has made several additional assumptions, including that all of the conditions required to complete the Arrangement will be fulfilled and that the Rio Narcea Offer, if completed, will be completed in accordance with the current terms and conditions thereof, provided that if the Rio Narcea Offer is not completed, the conclusion reached by Dundee Securities herein will not be affected.

The Fairness Opinion does not address the relative merits of the Arrangement as compared to other transactions or business strategies that might be available to Tenke nor does it address the underlying business decision to implement the Arrangement. Dundee Securities expresses no opinion with respect to future trading prices of the securities of Tenke or Lundin.

In considering the fairness, from a financial point of view, of the Arrangement, to the Minority Shareholders, Dundee Securities considered the Arrangement from the perspective of Minority Shareholders generally and did not consider the specific circumstances of any particular Minority Shareholder, including with regard to income tax considerations.

The Fairness Opinion has been provided for the use of the Special Committee in making a recommendation to the directors of Tenke in their consideration of the Arrangement. The Fairness Opinion may not be used by any person or relied upon by any person other than the Special Committee and the directors of Tenke and may not be used or relied upon by any of such person for any purpose other than the purpose hereinbefore stated without the express prior written consent of Dundee Securities. The Fairness Opinion is given as of the date hereof and Dundee Securities disclaims any undertaking or obligation to advise any person of any change in any fact or matter which affects the Fairness Opinion that may come or be brought to the attention of Dundee Securities after the date hereof. Without limiting the generality of the foregoing, in the event that there is any material change in any fact or matter which affects the Fairness Opinion after the date hereof, Dundee Securities reserves the right to change, modify, amend or supplement the Fairness Opinion.

Dundee Securities believes that our analysis must be considered as a whole and that selecting portions of our analysis or the factors considered by us, without considering all factors and analysis together, could create a misleading view of the process underlying the Fairness Opinion. The preparation of a Fairness Opinion is a complex process and is not necessarily susceptible to partial analysis or summary description. Any attempt to do so could lead to undue emphasis on any particular fact or analysis. We have not been asked to prepare, and have not prepared, a valuation of Tenke or Lundin or any of the respective securities or assets thereof and the Fairness Opinion should not be construed as such. The Fairness Opinion should be read in its entirety and

is not intended to be, and should not be construed as, a recommendation that shareholders of Tenke vote in favour of the Arrangement.

Fairness Analysis

Approach to Fairness

In considering the fairness, from a financial point of view, of the Arrangement to the Minority Shareholders, Dundee Securities considered and relied upon (i) a comparison of the consideration offered pursuant to the Arrangement to the results of a net asset value analysis of Tenke, (ii) a comparison of the multiples implied under the Arrangement to an analysis of recent precedent transactions, (iii) a comparison of the consideration offered pursuant to the Arrangement to the recent trading levels of the common shares of Tenke; and (iv) a comparison of the consideration offered pursuant to the Arrangement to recent trading levels of the shares of companies comparable to Tenke.

Fairness Conclusion

Based upon and subject to the foregoing, Dundee Securities is of the opinion that, as of the date hereof, the Arrangement is fair, from a financial point of view, to the Minority Shareholders.

Yours truly,

"*Dundee Securities Corporation*"

AUDITOR CONSENTS

CONSENT OF PRICEWATERHOUSECOOPERS LLP

We have read the information circular (the "Circular") of Tenke Mining Corp. ("Tenke") dated May 18, 2007 and the Joint Disclosure Booklet of Tenke and Lundin Mining Corporation (the "Joint Disclosure Booklet") dated May 18, 2007, relating to the proposed plan of arrangement under the provisions of the *Canada Business Corporations Act* involving Lundin Mining Corporation, Tenke and Suramina Resources Inc. We have complied with Canadian generally accepted standards for an auditor's involvement with offering documents.

We consent to the incorporation by reference in the Circular and Joint Disclosure Booklet of our report to the shareholders of Tenke on the consolidated balance sheet of Tenke as at December 31, 2006 and 2005 and the consolidated statement of operations and deficit, and cash flows for the years then ended. Our report is dated March 26, 2007.

We consent to the incorporation by reference in the Circular and Joint Disclosure Booklet of our report to the shareholders of Tenke on the consolidated balance sheet of Tenke as at December 31, 2005 and 2004 and the consolidated statement of operations and deficit, and cash flows for the years then ended. Our report is dated March 29, 2006.

We also consent to the inclusion of our report to the Directors of Tenke on the financial statements of Suramina Resources Inc. for the year ended December 31, 2006 and 2005 in the Joint Disclosure Booklet. Our report is dated May 17, 2007.

Chartered Accountants
Vancouver, Canada
May 18, 2007

CONSENT OF PRICEWATERHOUSECOOPERS LLP

We have read the information circular (the "Circular") of Tenke Mining Corp. ("Tenke") dated May 18, 2007 and the joint disclosure booklet of Lundin Mining Corporation and Tenke (the "Joint Disclosure Booklet") dated May 18, 2007, relating to the proposed plan of arrangement under the provisions of the *Canada Business Corporations Act* involving Lundin Mining Corporation, Tenke and Suramina Resources Inc. We have complied with Canadian generally accepted standards for an auditor's involvement with offering documents.

We consent to the incorporation by reference in the Circular and the Joint Disclosure Booklet of our report to the shareholders of Lundin Mining Corporation on the consolidated balance sheet of Lundin Mining Corporation as at December 31, 2006 and the consolidated statement of operations, shareholders' equity and cash flows for the year then ended. Our report is dated March 31, 2007.

"PricewaterhouseCoopers LLP"

Chartered Accountants
Vancouver, British Columbia
May 18, 2007

CONSENT OF KPMG LLP

We have read the management information circular and proxy statement (the "**Circulars**") of Tenke Mining Corp. ("**Tenke**") and Lundin Mining Corporation ("**Lundin**") dated May 18, 2007 and the joint disclosure booklet of Lundin, Tenke and Suramina Resources Inc. ("**Suramina**") dated May 18, 2007 relating to the proposed plan of arrangement under the provisions of the *Canada Business Corporations Act* including Lundin Mining, Tenke and Suramina. We have complied with Canadian generally accepted standards for an auditor's involvement with offering documents.

We consent to the incorporation by reference in the Circulars and the Joint Disclosure Booklet of our report to the shareholders of Lundin on the consolidated balance sheet of Lundin as at December 31, 2005 and the consolidated statement of operations, shareholders' equity and cash flows for the year then ended. Our report is dated February 14, 2006 except as to Note 9 which is as of March 1, 2006.

"*KMPG LLP*"

Chartered Accountants, Licensed Public Accountants
Toronto, Ontario
May 18, 2007

DELOITTE & TOUCHE LLP

We have read the management information circular and proxy statement (the "**Circular**") of Tenke Mining Corp. ("**Tenke**") dated May 18, 2007 and the joint disclosure booklet of Lundin Mining Corporation ("**Lundin Mining**"), Tenke and Suramina Resources Inc. ("**Suramina**") dated May 18, 2007 relating to the proposed plan of arrangement under the provisions of the *Canada Business Corporations Act* including Lundin Mining, Tenke and Suramina. We have complied with Canadian generally accepted standards for an auditor's involvement with offering documents.

We consent to the incorporation by reference in the Circular and the Joint Disclosure Booklet of our report to the shareholders of Lundin Mining on the consolidated balance sheet of Lundin Mining as at December 31, 2004 and the consolidated statement of operations, shareholders' equity and cash flows for the year then ended (all expressed in Canadian dolloars and prior to the change in reporting currency described in Note 2(b) to the consolidated financial statements for the year ended December 31, 2005). Our report is dated March 23, 2005

"DELOITTE & TOUCHE LLP"

Chartered Accountants
Vancouver, British Columbia
May 18, 2007

ERNST & YOUNG LLP

We have read the joint disclosure booklet (the "Joint Disclosure Booklet") of Lundin Mining Corporation ("Lundin Mining"), Tenke Mining Corp. ("Tenke") and Suramina Resources Inc. ("Suramina") dated May 18, 2007 relating to the proposed plan of arrangement under the provisions of the *Canada Business Corporations Act* including Lundin Mining, Tenke and Suramina. We have complied with Canadian generally accepted standards for an auditor's involvement with offering documents.

We consent to the incorporation by reference in the Joint Disclosure Booklet of our report to the shareholders of Rio Narcea Gold Mines, Ltd. ("Rio Narcea") on the consolidated balance sheets of Rio Narcea as at December 31, 2006 and 2005 and on the consolidated statements of operations and deficit and cash flows for each of the years in the three-year period ended December 31, 2006. Our report is dated March 14, 2007.

"ERNST & YOUNG LLP"

Toronto, Ontario
May 18, 2007

Chartered Accountants
Licensed Public Accountants

Please direct all inquiries to:

Questions and Further Assistance

If you have any questions about the information contained in this document or require assistance in completing your proxy form, please contact Tenke Mining Corp.'s proxy solicitation agent at:

Georgeson

100 University Avenue
11th Floor, South Tower
Toronto, Ontario
M5J 2Y1

North American Toll Free Number: 1-866-690-7479

Joint Disclosure Booklet of Lundin Mining Corporation and Tenke Mining Corp.,
filed July 3, 2007

JOINT DISCLOSURE BOOKLET

OF

LUNDIN MINING CORPORATION

AND

TENKE MINING CORP.

Dated as of May 18, 2007

INFORMATION CONCERNING TENKE MINING CORP.

NOTE TO READERS

The disclosure contained herein has been prepared prior to giving effect to the Arrangement.

DOCUMENTS CONCERNING TENKE INCORPORATED BY REFERENCE

Information has been incorporated by reference in this Joint Disclosure Booklet from documents filed with securities commissions or similar authorities in certain provinces of Canada. Copies of the documents incorporated herein by reference may be obtained on request without charge from the Corporate Secretary of Tenke, 2101-885 West Georgia Street, Vancouver, B.C., V6C 3E8, phone (604) 689-7842 or by accessing the disclosure documents available through the internet on the System for Electronic Document Analysis and Retrieval (SEDAR) website at www.sedar.com. Financial information respecting Tenke is provided in Tenke's financial statements and management's discussion and analysis, copies of which can be obtained by Tenke shareholders (the "**Tenke Shareholders**") upon contacting the above-named officer.

For further information regarding Tenke Mining Corp. ("**Tenke**"), please refer to the following documents which are incorporated by reference herein:

(a) the annual information form dated March 20, 2007 of Tenke (the "**Tenke AIF**"), which includes information relating to Tenke's corporate structure, business, directors, mineral reserves and resources, legal proceedings, conflicts of interest and risk factors;
(b) the management information circular dated March 20, 2007 of Tenke relating to the annual meeting of Tenke Shareholders held on May 11, 2007, which contains information relating to executive compensation, corporate governance and indebtedness of directors and officers;
(c) audited annual consolidated financial statements of Tenke as at and for the years ended December 31, 2006 and 2005, together with the auditors' report thereon;
(d) management's discussion and analysis of financial condition and results of operations for the annual consolidated financial statements referred to in paragraph (c) above;
(e) unaudited interim consolidated financial statements of Tenke as at and for the three months ended March 31, 2007, together with the notes thereto;
(f) audited annual consolidated financial statements of Tenke for the year ended December 31, 2004, together with the auditor's report thereon;
(g) management's discussion and analysis of financial condition and results of operations for the annual consolidated financial statements referred to in paragraph (f) above;
(h) management's discussion and analysis of financial condition and results of operations for the interim consolidated financial statements referred to in paragraph (e) above;
(i) the news release dated February 26, 2007 of Tenke announcing the completion of a bankable feasibility study on the Tenke Fungurume Project;
(j) the material change report dated April 12, 2007 of Tenke regarding Tenke entering into the business combination agreement dated April 10, 2007 with Lundin Mining Corporation ("**Lundin Mining**"), and Suramina Resources Inc. ("**Suramina**"); and
(k) the news release dated May 1, 2007 of Tenke announcing updated exploration results.

Any business acquisition reports, material change reports (excluding confidential reports), comparative interim financial statements, comparative annual financial statements and the auditors' report thereon, management's discussion and analysis, annual information forms and information circulars filed by Tenke with the securities commissions or similar authorities in Canada subsequent to the date of this Joint Disclosure Booklet and prior to the completion of the Arrangement shall be deemed to be incorporated by reference herein.

Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for the purposes of this Joint Disclosure Booklet to the extent that a statement contained herein or in any other subsequently filed document which also is, or is deemed to be, incorporated by reference herein modifies or supersedes such statement. The modifying or superseding statement need not state that it has modified or superseded a prior statement or include any other information set forth in the document that it modifies or supersedes. The making of a modifying or superseding statement shall not be deemed an admission for any purposes that the modified or superseded statement, when made, constituted a misrepresentation, an untrue statement of a material fact or an omission to state a material fact that is required to be stated or that is necessary to make a statement not misleading in light of the circumstances in which it was made. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Joint Disclosure Booklet.

BUSINESS OF TENKE

General

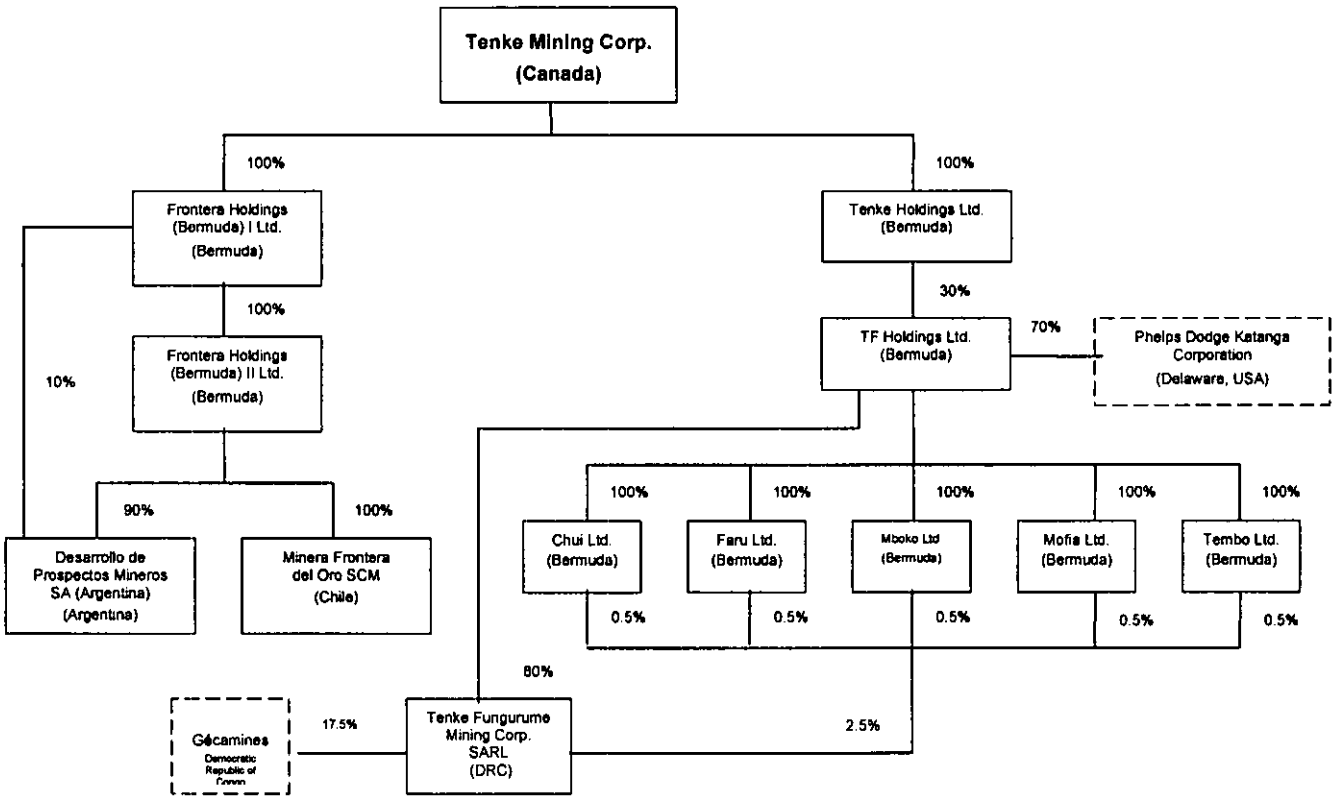
Tenke was incorporated by Articles and Memorandum on February 20, 1978 under the laws of the Province of British Columbia under the name of Eurocan Ventures Ltd. Effective February 8, 1991, the common shares of Tenke were consolidated on a ten for one basis and the name of Tenke was changed from Eurocan Ventures Ltd. to Consolidated Eurocan Ventures Ltd. Also effective February 8, 1991, the authorized capital of Tenke was increased from 5,000,000 post-consolidated common shares to 50,000,000 common shares. Effective April 19, 1994, Tenke was continued as a federal corporation under the *Canada Business Corporations Act* with unlimited share capital and ceased to be a company within the meaning of the *British Columbia Company Act*. On January 9, 1997 Tenke filed Articles of Amendment to change its name from Consolidated Eurocan Ventures Ltd. to Tenke Mining Corp. Effective June 22, 1999, the common shares of Tenke were consolidated on a five for one basis.

Tenke's registered office is located at Suite 1100, 888 Dunsmuir Street, Vancouver, BC V6C 3K4 and its head office is located at Suite 2101, 885 West Georgia Street, Vancouver, BC V6C 3E8.

Tenke is a reporting issuer in the Provinces of British Columbia, Alberta, Saskatchewan, Ontario and Quebec. Following completion of the Arrangement, Tenke will be a wholly-owned subsidiary of Lundin Mining and former Tenke Shareholders will receive common shares in the capital of Lundin Mining (the "**Lundin Mining Shares**") and Suramina shares as more particularly described in Tenke's management information circular dated May 18, 2007 ("**Tenke's Information Circular**"). Lundin Mining will make application for Tenke to cease to be a reporting issuer in all jurisdictions in which it is currently reporting. The common shares of Tenke (the "**Tenke Shares**") are listed and posted for trading on the TSX under the symbol "TNK".

Corporate Structure

The following diagram illustrates the current intercorporate relationships among Tenke's active subsidiaries, which are owned directly or indirectly by Tenke.



Business Overview

Tenke is a mineral resource corporation engaged in exploring for, developing and acquiring precious and base metal properties. Tenke has two key assets; its minority interest in the Tenke Fungurume copper/cobalt project in Katanga Province, Democratic Republic of Congo (the "**DRC**"), which is held indirectly through its subsidiary, Tenke Holdings Ltd., and a large portfolio of strategically located gold and base metal exploration properties in central and southern Argentina and central Chile, most of which properties are majority controlled by Tenke and are held indirectly through its subsidiaries, Desarrollo de Prospectos Mineros SA and Minera Frontera del Oro SCM. Over the last several years, Tenke has focused its activities on advancing the Tenke Fungurume copper/cobalt project to the maximum extent that conditions within the DRC would allow in parallel with enhancing the value of and expanding Tenke's South American copper/gold exploration properties.

General Development of the Business

Information regarding the general development of the business of Tenke is set forth under the heading, Item 3, General Development of the Business, in the Tenke AIF.

Principal Properties

Information regarding Tenke's principal properties is set forth under the heading entitled, Item 4, Narrative Description of the Business, in the Tenke AIF.

Interests of Experts

Information of an economic (including economic analysis) scientific or technical nature in respect of Tenke's South American mineral projects and properties (and what will be Suramina's mineral projects and properties) is contained in this Joint Disclosure Booklet and/or Tenke's Information Circular based upon the "Preliminary Resource Estimate for the Josemaria Project, San Juan Province, Argentina" dated January 23, 2006 prepared by Nilsson Mine Service Ltd. and Geosystems International, each of whom is a "qualified person" for the purposes of National Instrument 43-101, *Standards of Disclosure for Mineral Projects*, of the Canadian Securities Administrators ("**NI 43-101**").

The fairness opinion annexed as part of Tenke's Information Circular was prepared by Dundee Securities Corporation, financial advisor to the Tenke Independent Committee.

The Canadian tax disclosure contained in Tenke's Information Circular under the heading "Canadian Federal Income Tax Considerations" was prepared by Thorsteinssons LLP.

The Canadian securities disclosure contained in Tenke's Information Circular dated under the heading "Securities Laws Information for Canadian Shareholders" was prepared by Cassels Brock & Blackwell LLP.

The U.S. tax disclosure and the U.S. securities law disclosure contained under the headings "United States Federal Income Tax Considerations" and "Securities Laws Information for U.S. Shareholders" in Tenke's Information Circular was prepared by Shearman & Sterling LLP.

Each of the above named experts has advised Tenke that they, as a group, own beneficially, directly or indirectly, less than one percent of the outstanding Tenke Shares at the time they provided their respective opinions.

The consolidated financial statements of Tenke as at and for the years ended December 31, 2006 and 2005 have been audited by PricewaterhouseCoopers LLP, Chartered Accountants who advise that they are independent of Tenke in accordance with the professional standards of the Institute of Chartered Accountants of British Columbia.

Description of Share Capital

A description of the share capital of Tenke is included in the Tenke AIF, under the heading, Item 6, General Description of Share Capital.

Consolidated Capitalization

The following table sets forth the consolidated capitalization of Tenke as at March 31, 2007.

Designation	Authorized	Outstanding as at March 31, 2007 (unaudited)
Common Shares[1][2][3][4]	Unlimited	US$355,672,918 (59,855,829 shares)

Notes:

(1) As at the date hereof, Tenke has outstanding incentive stock options to acquire 787,500 Tenke Shares at exercise prices ranging from CDN$4.67 to CDN$15.35 (as at March 31, 2007, Tenke had outstanding incentive stock options to acquire 1,136,500 Tenke Shares at exercise prices ranging from CDN$2.45 to CDN$15.35).

(2) Following the Arrangement, all the issued and outstanding Tenke Shares will be held by Lundin Mining and current Tenke Shareholders will hold Lundin Mining Shares and Suramina Shares as more particularly described in Tenke's Information Circular.

(3) Following the Arrangement, each outstanding Tenke incentive stock option will be exercisable for 1.73 Lundin Mining Shares and the expiry dates thereof will be amended for optionees who cease to be eligible.
(4) A description of the share capital of Tenke is included in the Tenke AIF, under the heading, Item 6, General Description of Share Capital.

Indebtedness of Directors and Executive Officers

None of the directors or executive officers of Tenke, or associates or affiliates of said persons, have been indebted to Tenke at any time since the beginning of the last completed financial year of Tenke.

Principal Shareholders

Information regarding the principal shareholders of Tenke is included under the heading "Voting Securities and Principal Holders Thereof" in Tenke's management information circular dated March 20, 2007 relating to the annual meeting of Tenke Shareholders held on May 11, 2007.

Rights to Purchase Securities

The only persons having a right to purchase securities of Tenke are those persons who have been granted incentive stock options pursuant to the Tenke stock option plan (the "**Plan**") which was initially established by the Tenke Board on February 10, 1994 (approved by Tenke Shareholders on March 17, 1994) and most recently amended by the Tenke Board on March 26, 2007 (approved by Tenke Shareholders on May 11, 2007). As at December 31, 2006 there were options outstanding under the Plan to acquire 1,747,500 Tenke Shares, representing approximately 3% of Tenke's issued and outstanding share capital. The major features of the Plan as it currently exists and the proposed amendments to the Plan as approved by the Tenke Board on March 26, 2007 are set forth under the headings "Incentive Stock Option Plan" and "Particulars of Other Matters to be Acted Upon – Amendments to Stock Option Plan" in Tenke's management information circular dated March 20, 2007 relating to the annual meeting of Tenke Shareholders held on May 11, 2007.

Escrowed Shares

There are no escrowed Tenke Shares.

Prior Sales

The following table sets forth the particulars of the prior sales of securities of Tenke from treasury during the past 12 months.

Date of Issue	Number of Tenke Shares	Price Per Security (CDN$)	Aggregate Consideration (CDN$)
2006			
January 18	5,000	$2.45	12,250
January 26	6,100	$2.45	14,945
March 9	10,000	$2.45	24,500
March 23	8,000,000 (1)	$12.90	103,200,000
April 26	3,500	$2.45	8,575
April 27	25,000	14,000 @$2.45; 11,000 @$3.10	68,400
May 1	4,000	$3.10	12,400
May 2	68,500	8,500 @$2.45; 60,000 @$3.10	206,825
May 5	1,200	$3.10	3,720
May 10	18,500	13,500 @$2.45; 5,000 @$3.10	48,575
May 11	13,500	3,500 @$2.45; 10,000 @$3.10	39,575
May 12	3,000	$3.10	9,300
May 16	31,000	$3.10	96,100
May 19	5,000	$3.10	15,500
May 24	2,000	$3.10	6,200
June 12	1,900	$2.45	4,655
July 7	1,100	$3.10	3,410
August 8	3,000	$3.10	9,300
October 10	200,000	$9.64	1,928,000
October 24	8,100	$2.45	19,845
November 1	8,000	3,000 @$2.45; 5,000 @$3.10	22,850
November 2	11,000	$3.10	34,100
December 7	25,000	$9.64	241,000
December 12	100,000	$2.40	240,000
December 18	700	$3.10	2,170
December 19	3,000	$3.10	9,300
December 27	85,000	25,000 @$2.45; 60,000 @$9.64	639,650
2007			
January 4	36,000	9,000 @$2.45; 27,000 @$3.10	105,750
January 5	2,400	$9.64	23,136
January 8	200,000	$2.45	490,000
January 9	75,000	$3.10	232,500
January 9	5,000	$2.45	12,250
January 10	250,000	50,000 @$3.10; 200,000 @$9.64	2,083,000
February 5	120,000	$3.10	372,000
February 22	17,600	$9.64	169,664
March 12	5,000	$9.64	48,200
April 10	100,000	$9.64	964,000
April 13	2,000	$2.45	4,900
April 16	190,000	90,000 @ $3.10; 100,000 @ $2.45	524,000
April 17	22,000	12,000 @ $3.10; 10,000 @ $2.45	61,700
April 18	30,000	15,000 @ $9.64; 15,000 @ $3.10	191,100

Notes:

(1) These Tenke Shares were issued on a private placement basis.

(2) With the exception of the Tenke Shares referred to in (1) above, the remaining Tenke Share issuances were made pursuant to the exercise of incentive stock options issued under the Plan.

Market for Securities

The following table sets forth the high and low prices and trading volumes of the Tenke Shares on the TSX for the periods indicated. The quotations reported are from published financial sources.

	Price Range		
Month	High (CDN)	Low (CDN)	Volume
2007			
January 2007	17.50	13.82	2,453,737
February 2007	16.79	14.55	3,379,696
March 2007	17.84	14.63	10,388,344
April 2007	26.80	17.59	38,326,839
May 1-21			
2006			
January – March	13.91	9.15	4,897,235
April – June	16.61	10.25	11,387,145
July – September	14.00	10.12	4,533,287
October – December	18.10	10.45	8,292,431
2005			
April – June	5.62	4.36	6,570,000
July – September	9.30	4.57	12,000,000
October – December	9.88	8.58	9,520,000

The closing price of the Tenke Shares on the TSX on April 10, 2007, the last trading day prior to the public announcement of the Arrangement, was CDN$19.53. The closing price of the Tenke Shares on May 17, 2007, was CDN$23.10.

Dividend Record

To date, Tenke has not paid any dividends on its outstanding Tenke Shares.

Directors and Officers

Information with respect to the current directors and officers of Tenke is included in the Tenke AIF, under the heading, Item 8, Directors and Officers.

Executive Officers' and Directors' Compensation

Information regarding the compensation of Tenke's directors and executive officers is set forth under the headings "Executive Compensation" and "Compensation of Directors" in Tenke's management information circular dated March 20, 2007 relating to the annual meeting of Tenke Shareholders held on May 11, 2007.

Summary Financial Information

Tenke selected financial information:

Reference is made to the audited annual consolidated financial statements of Tenke as at and for the years ended December 31, 2006, 2005 and 2004, together with the notes thereto. A summary of that information is set out below:

In US$	Year ended December 31, 2006	Year ended December 31, 2005	Year ended December 31, 2004
Statement of Operations Data ($000's)			
Total Revenue	$ -	$ -	$ -
Net Loss	$ (5,696)	$ (2,700)	$ (2,164)
Data per Common Share ($)			
Basic and Diluted Net Loss	$ (0.10)	$ (0.06)	$ (0.05)
Balance Sheet Data ($000's)			
Cash and cash equivalents	$94,449	$12,173	$5,750
Total Assets	$213,940	$127,520	$114,696
Long Term Liabilities	$ -	$ -	$ -
Shareholders' equity	$212,747	$125,084	$114,199

Reference is made to the unaudited interim consolidated financial statements of Tenke as at March 31, 2007 and March 31, 2006 and for the three months ended March 31, 2007 and March 31, 2006, together with the notes thereto, which is incorporated by reference in this Information Circular. A summary of that information is set out below:

In US$	Three months ended March 31, 2007 (Unaudited)	Three months ended March 31, 2006 (Unaudited)
Statement of Operations Data ($000's)		
Total Revenue	$ -	$ -
Net Loss	$ (295)	$ (1,720)
Data per Common Share ($)		
Basic and Diluted Net Loss	$ (0.00)	$ (0.03)

	March 31, 2007 (Unaudited)
Balance Sheet Data ($000's)	
Cash and cash equivalents	$ 94,275
Total Assets	$ 217,497
Long Term Liabilities	$ -
Shareholders' equity	$ 216,466

Management's Discussion and Analysis of Financial Condition and Results of Operations

Reference is made to management's discussion and analysis of financial condition and results of operations for the unaudited interim consolidated financial statements of Tenke as at and for the three months ended March 31, 2007 and for the audited consolidated financial statements of Tenke as at and for the years ended December 31, 2006, 2005 and 2004, together with the notes thereto.

Auditors, Registrar and Transfer Agent

The auditors of Tenke are PricewaterhouseCoopers LLP, Chartered Accountants, Vancouver, British Columbia.

The registrar and transfer agent for the Tenke Shares is Computershare Investor Services Inc., at its principal offices in Vancouver, British Columbia, and Toronto, Ontario.

Material Contracts

Except for contracts entered into in the ordinary course of business or as otherwise disclosed herein or as otherwise referred to in a document incorporated by reference herein, the only material contract entered into by Tenke in the two years immediately prior to the date hereof that can reasonably be regarded as presently material is the Business Combination Agreement dated April 10, 2007 among Tenke, Suramina and Lundin Mining, which is filed on SEDAR at www.sedar.com.

Risk Factors

For risk factors associated with the activities of Tenke, see "Risk Factors" at pages 32-35 of the Tenke AIF.

Legal Proceedings

For a description of legal proceedings to which Tenke is a party or of which its properties is the subject, see "Legal Proceedings" at page 38 of the Tenke AIF.

Additional Information

Additional information relating to Tenke is available under Tenke's profile on the SEDAR website at www.sedar.com. Financial information in respect of Tenke and its affairs is provided in Tenke's annual audited consolidated financial statements as at and for the financial year ended December 31, 2006 and the interim unaudited consolidated financial statements as at and for the period ended March 31, 2007, and the related management's discussion and analysis ("**MD&A**"). Copies of Tenke's financial statements and MD&A are available upon request from Tenke by contacting the Corporate Secretary of Tenke at 2101 – 885 West Georgia Street, Vancouver, British Columbia, V6C 3E8, telephone: (604) 689-7842; fax: (604) 689-4250.

INFORMATION CONCERNING LUNDIN MINING CORPORATION

NOTE TO READERS

The disclosure contained herein has been prepared prior to giving effect to the Arrangement.

DOCUMENTS CONCERNING LUNDIN MINING INCORPORATED BY REFERENCE

Information has been incorporated by reference in this Joint Disclosure Booklet from documents filed with securities commissions or similar authorities in the provinces of Canada. Copies of the documents incorporated herein by reference may be obtained on request without charge from the Corporate Secretary of Lundin Mining at Suite 1100, 888 Dunsmuir Street, Vancouver, British Columbia V6C 3K4 (telephone: 604-689-7077) or by accessing the disclosure documents available through the Internet on the SEDAR web site at www.sedar.com. For the purpose of the Province of Québec, this Joint Disclosure Booklet contains information to be completed by consulting the permanent information record. A copy of the permanent information record may be obtained from Lundin Mining's head office at the above-mentioned address and telephone number. Financial information respecting Lundin Mining is provided in Lundin Mining's financial statements and management's discussion and analysis.

For further information regarding Lundin Mining, please refer to the following documents which have been filed with the various securities commissions or similar authorities in the provinces of Canada and are specifically incorporated by reference into, and form an integral part of, this Joint Disclosure Booklet:

(a) the annual information form of Lundin Mining for the year ended December 31, 2006, dated March 31, 2007 (the "**Lundin Mining AIF**");
(b) audited annual consolidated financial statements of Lundin Mining as at and for the years ended December 31, 2006 and 2005, together with the auditors' reports thereon;
(c) audited annual consolidated financial statements of Lundin Mining for the year ended December 31, 2004, together with the auditors' report thereon.
(d) management discussion and analysis of results of Lundin Mining relating to the annual consolidated financial statements referenced in (b) and (c) above;
(e) unaudited interim consolidated financial statements of Lundin Mining for the three month periods ended March 31, 2007 and March 31, 2006;
(f) management discussion and analysis of result of Lundin Mining relating to the interim consolidated financial statements referenced in (e) above;
(g) management information circular of Lundin Mining dated as of September 20, 2006 prepared in respect of Lundin Mining's October 19, 2006 special meeting of shareholders called to consider Lundin Mining's merger with EuroZinc Mining Corporation ("**EuroZinc**");
(h) management information circular of Lundin Mining dated as of April 26, 2006 prepared in respect of Lundin Mining's May 31, 2006 annual meeting of shareholders
(i) material change report of Lundin Mining dated April 4, 2007 regarding Lundin Mining entering into a definitive support agreement with Rio Narcea Gold Mines, Ltd. ("**Rio Narcea**") pursuant to which Lundin Mining agreed to make an offer to acquire all of the outstanding common shares and warrants of Rio Narcea;
(j) material change report of Lundin Mining dated April 11, 2007 regarding Lundin Mining entering into the business combination agreement dated as of April 10, 2007 with Tenke and Suramina;
(k) material change report of Lundin Mining dated April 12, 2007 regarding updated exploration activities and results for Lundin Mining's projects in Ireland, Sweden, Portugal and Spain;
(l) the news release of Lundin Mining filed April 17, 2007 announcing operating results for the three months ended March 31, 2007;

(m) offer and take-over bid circular of Lundin Mining dated April 20, 2007 in respect of Lundin Mining's offer to acquire all of the outstanding common shares and warrants of Rio Narcea;
(n) material change report of Lundin Mining dated April 20, 2007 regarding the mailing of the offer and circular in respect of Lundin Mining's offer to acquire all of the outstanding common shares and warrants of Rio Narcea;
(o) the news release of Lundin Mining filed May 10, 2007 announcing further investment by Lundin Mining in Sunridge Gold Corp.;
(p) the news release of Lundin Mining filed May 10, 2007 announcing financial results for the three months ended March 31, 2007;
(q) audited annual consolidated financial statements of Rio Narcea Gold Mines Ltd. for the year ended December 31, 2006 together with the auditor's report thereon; and
(r) unaudited interim consolidated financial statements of Rio Narcea Gold Mines Ltd. for the three month period ended March 31, 2007.

Any material change reports (excluding confidential reports), comparative interim consolidated financial statements, comparative annual consolidated financial statements and the auditors' report thereon, information circulars, annual information forms and business acquisition reports filed by Lundin Mining with the securities commissions or similar authorities in the provinces of Canada subsequent to the date of this Joint Disclosure Booklet and prior to the completion of the Arrangement shall be deemed to be incorporated by reference herein.

Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for the purposes of this Joint Disclosure Booklet to the extent that a statement contained herein or in any other subsequently filed document which also is, or is deemed to be, incorporated by reference herein modifies or supersedes such statement. The modifying or superseding statement need not state that it has modified or superseded a prior statement or include any other information set forth in the document that it modifies or supersedes. The making of a modifying or superseding statement shall not be deemed an admission for any purposes that the modified or superseded statement, when made, constituted a misrepresentation, an untrue statement of a material fact or an omission to state a material fact that is required to be stated or that is necessary to make a statement not misleading in light of the circumstances in which it was made. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Joint Disclosure Booklet.

BUSINESS OF LUNDIN MINING

General

Lundin Mining was incorporated pursuant to the *Canada Business Corporations Act* under the name "South Atlantic Diamonds Corp." on September 9, 1994. Lundin Mining changed its name to "South Atlantic Resources Ltd." on July 30, 1996. In connection with a one-for-six share consolidation that took effect on April 2, 2002, Lundin Mining changed its name to "South Atlantic Ventures Ltd." on March 25, 2002. The share consolidation and name change were approved by shareholders of Lundin Mining on January 23, 2002. In connection with the listing of its common shares on the TSX effective August 12, 2004, Lundin Mining changed its name to "Lundin Mining Corporation".

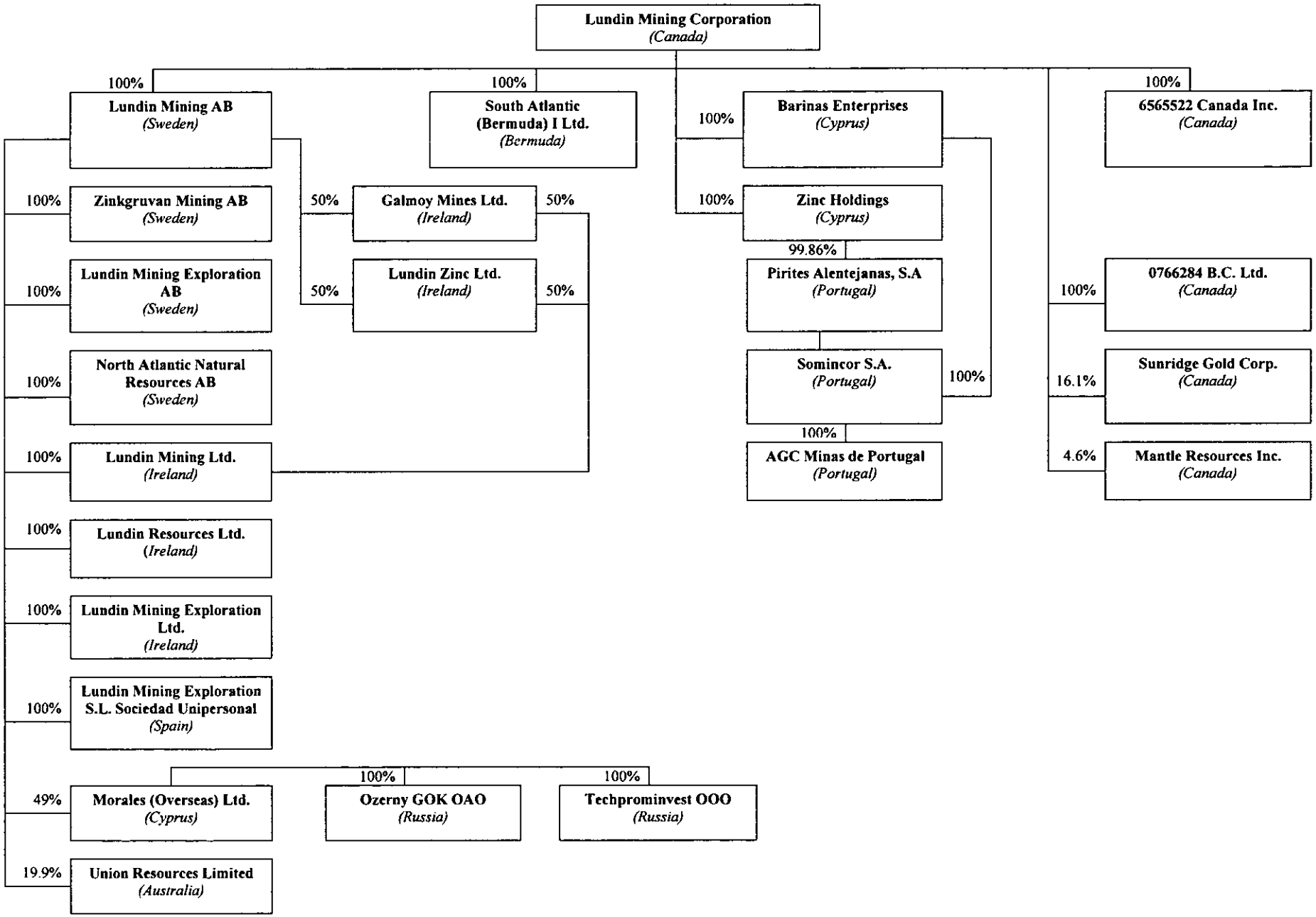
Effective October 31, 2006 Lundin Mining merged with EuroZinc, with the resulting entity known as "Lundin Mining Corporation". Lundin Mining and EuroZinc subsequently amalgamated effective November 30, 2006.

On January 22, 2007, Lundin Mining announced a three-for-one subdivision of the Lundin Mining Shares. The Lundin Mining Shares commenced trading on a subdivided basis on February 1, 2007 on the TSX and on February 9, 2007 on AMEX. Lundin Mining's Swedish Depository Receipts commenced trading on a subdivided basis on the SSE on February 1, 2007. The three-for-one subdivision was payable on February 8, 2007 to shareholders of record at the close of business on February 5, 2007, granting all such shareholders two additional common shares for every common share of Lundin Mining held.

Lundin Mining's registered and records office is located at Suite 1100, 888 Dunsmuir Street, Vancouver, British Columbia, V6C 3K4. Lundin Mining's business office is located at Suite 2101, 885 West Georgia Street, Vancouver, British Columbia, V6C 3E8, telephone: 604-689-7842. Lundin Mining also maintains offices at Hovslagargatan 5, Third Floor, Stockholm, Sweden for the purpose of running its foreign mining and exploration activities.

Corporate Structure

The following diagram illustrates the current intercorporate relationships among Lundin Mining and its subsidiaries.


Lundin Mining Corporation
(Canada)
100%
Lundin Mining AB
(Sweden)
100%
South Atlantic (Bermuda) I Ltd.
(Bermuda)
100%
Barinas Enterprises
(Cyprus)
100%
6565522 Canada Inc.
(Canada)
100%
Zinkgruvan Mining AB
(Sweden)
50%
Galmoy Mines Ltd.
(Ireland)
50%
100%
Zinc Holdings
(Cyprus)
99.86%
Pirites Alentejanas, S.A
(Portugal)
100%
Lundin Mining Exploration AB
(Sweden)
50%
Lundin Zinc Ltd.
(Ireland)
50%
100%
0766284 B.C. Ltd.
(Canada)
100%
North Atlantic Natural Resources AB
(Sweden)
Somincor S.A.
(Portugal)
100%
16.1%
Sunridge Gold Corp.
(Canada)
100%
Lundin Mining Ltd.
(Ireland)
100%
AGC Minas de Portugal
(Portugal)
4.6%
Mantle Resources Inc.
(Canada)
100%
Lundin Resources Ltd.
(Ireland)
100%
Lundin Mining Exploration Ltd.
(Ireland)
100%
Lundin Mining Exploration S.L. Sociedad Unipersonal
(Spain)
100%
100%
49%
Morales (Overseas) Ltd.
(Cyprus)
Ozerny GOK OAO
(Russia)
Techprominvest OOO
(Russia)
19.9%
Union Resources Limited
(Australia)

Business Overview

Lundin Mining, through various direct and indirect wholly-owned subsidiaries, holds interests in several base metal, silver and gold mining and mineral exploration properties in Sweden, Ireland, Portugal, Finland, Spain, Russia and Canada.

Lundin Mining owns, indirectly, 100% of the outstanding shares of Zinkgruvan Mining AB. Zinkgruvan Mining AB is engaged in the production of zinc, lead and silver at the Zinkgruvan Mine, which is located approximately 200 kilometers southwest of Stockholm, Sweden. The Zinkgruvan Mine is one of the largest underground mines in Europe and has been producing zinc, lead and silver on a continuous basis since 1857. Lundin Mining also engages in exploration activities within and near to the mine with the objective of adding new mineral resources.

Lundin Mining also owns, indirectly, 100% of the outstanding shares of Galmoy Mines Ltd. ("**Galmoy**"). Galmoy is an Irish mining and exploration company the main asset of which is the Galmoy Mine located in County Kilkenny, Ireland. The Galmoy mine was consolidated into Lundin Mining following the formal merger with ARCON International Resources p.l.c. in May 2005. Construction of the mine began in 1995 and production in 1997. The primary metal produced is zinc, with lead and silver obtained as by-products. Through its indirect wholly-owned subsidiary, Lundin Mining Exploration Ltd., Lundin Mining also engages in zinc/lead exploration activities in Ireland including on the Galmoy block licenses and on several prospecting licenses in other parts of Ireland.

Lundin Mining's wholly-owned subsidiary, Lundin Mining AB, owns 100% of the outstanding shares of North Atlantic Natural Resources AB ("**NAN**"). NAN engages in mining in Sweden, owns and operates a zinc/copper mine in the Skellefte district of Sweden known as the Storliden Mine, and also has a 90% interest in the Norrliden copper/zinc/silver deposit, also located in the Skellefte mining district, approximately 45 kilometers from the Storliden Mine.

Lundin Mining also has a 49% interest in Morales (Overseas) Ltd. ("**Morales**"), a Cyprus joint venture company, the remainder of which is owned by IFC Metropol, a Russian financial institution. Morales was formed to develop the Ozernoe zinc deposit located in the Republic of Buryatia, in the Russian Federation, and to operate the resulting mine. The Ozernoe project is one of the largest undeveloped zinc/lead projects in the world.

Lundin Mining's wholly owned subsidiary, Lundin Mining AB, acquired in June, 2006 through public auction, the Toral zinc/lead/silver property in northwestern Spain. Lundin Mining AB has been granted an exclusive three-year investigation permit for the Toral project by the Territorial Service of Industry, Commerce and Tourism of the Autonomous Community of Castile and León. The 28.5 sq. km, 100% owned Lundin Mining property is located 400 km northwest of Madrid, near to the regional city of Ponferrada. This advanced exploration project has a significant historic zinc/lead/silver resource and was acquired through a public bidding process. The government authority chose Lundin Mining's three-year work proposal as the winning bid.

Following its amalgamation with EuroZinc in 2006, Lundin Mining also owns, indirectly, 100% of the outstanding shares of Sociedade Mineira de Neves-Corvo, S.A. ("**Somincor**") and 99.99% of the outstanding shares of Pirites Alentejanas, S.A. ("**PA**"). Somincor is a Portuguese mining and exploration company, the main asset of which is the Neves-Corvo copper mine in Portugal. Neves-Corvo is an operating underground mine in Portugal that has been a significant producer of copper since 1989. Zinc production at EuroZinc's Neves-Corvo mine commenced in July 2006.

PA is a Portuguese holding company that holds the Aljustrel mining license and operating permits and the assets of the Aljustrel project. The Aljustrel project comprises the upgrading of the process facilities, underground access and infrastructure, and pre-production development of underground stoping areas to

produce an estimated 1.8M tonnes per annum of zinc, lead, copper and silver ore. The work has been done to the level of a final feasibility study.

Lundin Mining conducts its exploration independently, principally through Lundin Mining Exploration AB, its wholly-owned subsidiary, as well as through joint venture agreements. With the exception of the Storliden, Zinkgruvan, Galmoy and Neves-Corvo mines and the Aljustrel project, Lundin Mining's properties are in the exploration stage without any assurance that commercially viable mineral deposits or reserves exist until further work is done and a final evaluation concludes economic feasibility. Lundin Mining also has a 49% interest in the Ozernoe project in Russia, one of the largest undeveloped zinc/lead projects in the world.

General Development of the Business

Information regarding the general development of the business of Lundin Mining is set forth under the heading, Item 3, Business of the Issuer, in the Lundin Mining AIF.

On April 20, 2007, Lundin Mining, through 0766284 B.C. Ltd, its wholly-owned subsidiary, made a formal offer to acquire all of the outstanding common shares and warrants of Rio Narcea (the "**Offer**"). The Offer expires at 6:00 p.m. (Eastern time) on May 29, 2007, unless withdrawn or extended by Lundin Mining. The Offer is conditional upon, among other things, there being validly deposited under the Offer and not withdrawn prior to the expiry time not less than 66⅔% of the outstanding Rio Narcea shares, calculated on a fully-diluted basis.

Rio Narcea is engaged in the acquisition, exploration, development and operation of base and precious metal properties in Spain, Portugal and Mauritania. It currently produces nickel and copper at is Aguablanca mine in southern Spain and is completing construction of the Tasiast gold project in Mauritania. Rio Narcea was incorporated under the CBCA on February 22, 1994. Its registered office is located at Scotia Plaza, Suite 2100, 40 King Street West, Toronto, Ontario, M5H 3C2. Its principal operations office is at c/ Secundino Roces Riera, 3-2°, Centro de Empresas Asipo I, 33428 Cayés-Llanera, Asturias, Spain. Rio Narcea's outstanding common shares are listed and posted for trading on the TSX under the symbol "RNG" and on AMEX under the symbol "RNO". Rio Narcea's outstanding warrants are posted for trading on the TSX under the symbol "RNG.WT".

Lundin Mining has entered into an option agreement dated April 3, 2007 with Red Back Mining Inc. ("**Red Back**") pursuant to which Lundin Mining has granted Red Back the option, subject to certain conditions, including that Lundin Mining acquires not less than 50.1% of the shares of Rio Narcea on a non-diluted basis pursuant to the Offer, to acquire a 100% interest in Rio Narcea's Tasiast gold project in Mauritania, West Africa. In consideration for the 100% interest in the Tasiast gold project, Red Back will pay Lundin Mining US$225 million in cash and assume US$42.5 million in debt related to the Tasiast project.

Further information regarding the business and operations of Rio Narcea and the terms and conditions of the Offer is contained in the offer and take-over bid circular of Lundin Mining dated April 20, 2007, a copy of which is filed under Rio Narcea's SEDAR profile on the SEDAR website at www.sedar.com. Also refer to the pro-forma consolidated financial statements of Lundin Mining attached to this Joint Disclosure Booklet, which assume completion of the Offer as at March 31, 2007 and January 1, 2006 for the balance sheet and statement of operations, respectively.

Principal Properties

Lundin Mining's principal mineral properties are the Zinkgruvan, Storliden, Galmoy and Neves-Corvo mines and the Aljustrel and the Ozernoe projects. Information regarding Lundin Mining's principal

properties is set forth under the heading entitled, Item 4, Narrative Description of the Business, in the Lundin Mining AIF, which is incorporated by reference herein.

Experts

Information of an economic (including economic analysis), scientific or technical nature in respect of Lundin Mining's principal mineral projects and properties contained or incorporated by reference in this Joint Disclosure Booklet and/or Lundin Mining's management information circular dated May 18, 2007 is based upon the following technical reports, each of which was authored by an independent, "qualified person" within the meaning of NI 43-101 of the Canadian Securities Administrators, and is available for review on the SEDAR website located at www.sedar.com under Lundin Mining's profile:

1. "Technical Report on the Storliden mine, Sweden" dated February 2005, prepared by Adam Wheeler, C. Eng., Eur. Ing.
2. "A Technical Review of the Zinkgruvan mine in South-Central Sweden for South Atlantic Ventures" dated March 31, 2004, prepared by John R. Sullivan, P. Geo. Senior Geologist, G. Ross MacFarlane, P. Eng. Senior Associate Metallurgical Engineer and Stephen B. Cheeseman, P. Geo. Senior Associate Geologist, of Watts, Griffis and McOuat Limited Consulting Geologists and Engineers.
3. "Ore Reserves and Mineral Resources of the Zinkgruvan mine in South-Central Sweden" dated December 31, 2004, prepared by Lars Malmström, Chief Geologist of Zinkgruvan Mining AB and Per Hedström, Senior Geologist of Zinkgruvan Mining AB.
4. "A Technical Report of the Galmoy mine and Prospecting Licences held by Arcon in the Irish Midlands – Republic of Ireland for Lundin Mining Corporation", dated April 22, 2005, prepared by John R. Sullivan, P. Geo. Senior Geologist, G. Ross MacFarlane, P. Eng. Senior Associate Metallurgical Engineer and Stephen B. Cheeseman, P. Geo. Senior Associate Geologist, of Watts, Griffis and McOuat Limited Consulting Geologists and Engineers.
5. Independent technical report on the Neves-Corvo copper mine dated May 7, 2004, prepared by Wardell Armstrong International.
6. "March 2004 Update (as revised on May 10, 2004) of the Steffen Robertson Kirsten (Canada) Inc. Aljustrel Project Feasibility Study – June 2000" dated May 10, 2004.
7. "Technical Report on the Aljustrel Project, Portugal" dated March 31, 2006, prepared by Garnet L. Dawson, P.Geo.
8. "Technical Report, Estação Deposit, Aljustrel, Portugal" dated March 31, 2007, prepared by N. Burns, P.Geo.
9. "Technical Report on the Norrliden Resource Estimation, Sweden" dated May 30, 2006, prepared by Adam Wheeler, C. Eng., Eur. Ing.

The fairness opinion dated as of April 10, 2007 annexed as part of Lundin Mining's Information Circular was prepared by GMP Securities L.P., financial advisor to the Lundin Mining Independent Committee.

Each of the above named experts has advised Lundin Mining that they, as a group, own beneficially, directly or indirectly, less than one percent of the outstanding Lundin Mining Shares at the time they provided their respective opinions or reports, as applicable.

The annual consolidated financial statements of Lundin Mining as at and for the year ended December 31, 2006 have been audited by PricewaterhouseCoopers LLP, who advise that they are independent of Lundin Mining in accordance with the professional standards of the Institute of Chartered Accountants, British Columbia.

The annual consolidated financial statements of Lundin Mining as at and for the year ended December 31, 2005 have been audited by KPMG LLP, who advise that they are independent of Lundin Mining in accordance with the professional standards of the Institute of Chartered Accountants, Ontario.

The annual consolidated financial statements of Lundin Mining as at and for the year ended December 31, 2004 have been audited by Deloitte & Touche LLP, who advise that they are independent of Lundin Mining in accordance with the professional standards of the Institute of Chartered Accountants of British Columbia.

Description of Share Capital

A description of the share capital of Lundin Mining is set forth under the heading, Item 6, General Description of Share Capital, in the Lundin Mining AIF.

Consolidated Capitalization

The following tables set forth the consolidated capitalization of Lundin Mining as at March 31, 2007:

Designation	Authorized	Outstanding as at March 31, 2007 (unaudited)
Common Shares[1][2]	Unlimited	286,037,718 common shares $1,897,447,000

Notes:

(1) As at the date hereof, Lundin Mining has outstanding incentive stock options, warrants and other rights to acquire 2,131,070 Lundin Mining Shares at exercise prices ranging from CDN$2.10 to CDN$14.97.

(2) A description of the share capital of Lundin Mining is included in the Lundin Mining AIF, under the heading, Item 7, Description of Share Capital.

Indebtedness of Directors and Executive Officers

None of the current or former directors or executive officers of Lundin Mining or its subsidiaries, or associates or affiliates of such persons, are or have been indebted to Lundin Mining at any time since the beginning of the last completed fiscal year of Lundin Mining.

Principal Shareholders

To the knowledge of the directors and officers of Lundin Mining, the only persons or companies that beneficially owned, directly or indirectly, or exercised control or direction over, more than 10% of the votes attached to all of the Lundin Shares as at April 20, 2007 are as follows:

Name and Address	Number of Shares	Percentage of Issued Capital
The Estate of Adolf H. Lundin[1] Geneva, Switzerland	33,243,230	11.61%

Note:

(1) These shares are held by Ellegrove Capital Ltd., Abalone Capital Ltd., Lorito Holdings Ltd. and Zebra Holdings and Investments Ltd., private corporations owned by trusts whose settlor is the Estate of Adolf H. Lundin.

Options to Purchase Securities

Lundin Mining has established a stock option plan (the "**Lundin Option Plan**") for the benefit of the employees, officers, directors and consultants of Lundin Mining and its subsidiaries. A summary of the principal terms of the Lundin Option Plan is contained in the management information circular of Lundin Mining dated as of April 26, 2006 in respect of Lundin Mining's May 31, 2006 annual meeting of shareholders.

The following table sets out details of Lundin Mining stock options outstanding as of May 18, 2007.

Holders	No. of Shares	Exercise Price	Expiry Date
Officers of Lundin Mining	90,000	$ 7.39	14-Feb-08
	120,000	$ 12.70	17-Jan-09
	120,000	$ 14.97	3-Apr-09
	330,000		
Officers of Subsidiaries of Lundin Mining	15,000	$ 7.39	14-Feb-08
	30,000	$ 12.70	17-Jan-09
	114,240	$ 9.80	10-Oct-11
	159,240		
Directors of Lundin Mining (who are also Officers):	57,120	$ 2.28	5-Jul-10
	142,800	$ 10.15	11-May-11
	142,800	$ 9.14	12-Jun-11
	342,720		
Directors of Subsidiaries of Lundin Mining	Nil		
Employees of Lundin Mining	28,560	$ 2.28	27-May-10
	42,842	$ 2.28	5-Jul-10
	9,520	$ 2.87	22-Aug-10
	22,848	$ 3.33	15-Nov-10
	85,680	$ 9.14	12-Jun-11
	47,600	$ 9.14	5-Jul-11
	66,640	$ 9.80	10-Oct-11
	90,000	$ 13.61	30-Apr-09
	393,690		
Employees of Subsidiaries of Lundin Mining	82,500	$ 4.22	8-Nov-07
	75,000	$ 10.80	8-Apr-08
	150,000	$ 12.49	19-Oct-08
	15,000	$ 12.70	17-Jan-09
	105,000	$ 13.00	24-Feb-09
	240,858	$ 2.28	5-Jul-10
	178,500	$ 9.80	10-Oct-11
	846,858		
Consultants of the Corporation	30,000	$ 4.09	8-Aug-07
	28,560	$ 2.28	5-Jul-10
	58,560		
Total Options:	**2,131,068**		

Escrowed Shares

There are no escrowed Lundin Mining Shares.

Prior Sales

The following table sets forth the particulars of the prior sales of securities of Lundin Mining from treasury during the past 12 months.

Date of Issue	Number of Lundin Mining Shares	Price Per Security	Aggregate Consideration (CDN$)
13-Jun-06	37,500	$ 2.83	$ 106,250
7-Jul-06	300,000	$ 2.58	$ 775,000
21-Aug-06	15,000	$ 4.22	$ 63,250
22-Aug-06	15,000	$ 24.22	$ 63,250
23-Aug-06	15,000	$ 4.22	$ 63,250
29-Aug-06	15,000	$ 4.22	$ 63,250
30-Aug-06	75,000	$ 3.83	$ 287,500
12-Sep-06	6,000	$ 4.22	$ 25,300
13-Sep-06	75,000	$ 3.83	$ 287,500
13-Oct-06	45,000	$ 4.22	$ 189,750
18-Oct-06	45,000	$ 4.22	$ 189,750
20-Oct-06	30,000	$ 4.22	$ 126,500
23-Oct-06	30,000	$ 4.22	$ 126,500
30-Oct-06	30,000	$ 4.22	$ 126,500
31-Oct-06	30,000	$ 4.22	$ 126,500
1-Nov-06	160,834,548	$ 1.36	$ 1,826,544,352
8-Nov-06	30,000	$ 4.22	$ 126,500
10-Nov-06	15,000	$ 4.22	$ 63,250
16-Nov-06	47,598	$ 2.28	$ 108,365
17-Nov-06	30,000	$ 7.39	$ 221,800
20-Nov-06	11,898	$ 2.28	$ 27,088
23-Nov-06	225,000	$ 4.09	$ 920,250
24-Nov-06	57,120	$ 9.80	$ 559,966
29-Nov-06	257,040	$ 1.34	$ 344,957
8-Dec-06	9,000	$ 4.22	$ 37,950
12-Dec-06	19,041	$ 9.80	$ 186,665
14-Dec-06	5,019	$ 2.28	$ 11,427
15-Dec-06	90,000	$ 9.03	$ 813,000
19-Dec-06	8,568	$ 7.03	$ 60,233
20-Dec-06	114,240	$ 3.12	$ 356,048
21-Dec-06	36,000	$ 2.31	$ 83,160
2-Jan-07	169,020	$ 8.27	$ 1,398,302
5-Jan-07	15,000	$ 4.22	$ 63,250
8-Jan-07	14,280	$ 2.28	$ 32,511
17-Jan-07	22,848	$ 3.33	$ 76,008
19-Jan-07	225,000	$ 3.83	$ 862,500
22-Jan-07	11,424	$ 2.10	$ 23,990
23-Jan-07	4,761	$ 4.41	$ 21,012
6-Feb-07	9,540	$ 2.28	$ 21,751
7-Feb-07	15,000	$ 2.28	$ 34,150
12-Feb-07	57,120	$ 2.28	$ 130,043

Date of Issue	Number of Lundin Mining Shares	Price Per Security	Aggregate Consideration (CDN$)
20-Feb-07	150,000	$ 3.12	$ 467,500
27-Feb-07	4,500	$ 2.28	$ 10,245
28-Feb-07	75,000	$ 3.83	$ 287,500
9-Mar-07	300,000	$ 3.83	$ 1,150,000
15-Mar-07	164,160	$ 2.82	$ 463,651
9-Apr-07	63,320	$ 7.15	$ 453,044
10-Apr-07	123,284	$ 3.92	$ 482,908
12-Apr-07	15,000	$ 4.22	$ 63,249
13-Apr-07	38,080	$ 9.80	$ 373,184
18-Apr-07	14,280	$ 9.80	$ 139,944
20-Apr-07	17,020	$ 3.46	$ 58,947
24-Apr-07	19,040	$ 2.28	$ 43,348
Total	**164,081,249**	**$ 11.21**	**$ 1,839,742,098**

(1) The Lundin Mining Shares commenced trading on a one-to-three subdivided basis effective February 1, 2007.

Market for Securities

The Lundin Mining Shares are listed on the TSX under the symbol "LUN" and on AMEX under the symbol "LMC", and its Swedish Depositary Receipts trade on the SSE under the symbol "LUMI". The following table sets forth the high and low prices and trading volumes of the Lundin Mining Shares on the TSX and AMEX and the Swedish Depositary Receipts on the SSE for the periods indicated. The quotations reported are from published financial sources.

	TSX – Common Shares		
	Price Range (CDN$)		Trading Volume (000's)
	High	Low	
2006			
May	$43.92	$27.34	1,838
June	$33.30	$24.15	1,683
July	$33.96	$28.38	469
August	$35.75	$31.30	2,425
September	$34.50	$27.35	2,667
October	$41.22	$28.05	3,905
November	$45.20	$36.84	26,742
December	$43.70	$39.37	8,795
2007			
January	$44.27	$37.00	13,208
February[(1)]	$13.66	$11.73	38,898
March	$13.08	$11.14	27,868
April	$15.84	$12.75	69,074
May 1 - 18	$14.70	$13.14	22,561

Note (1) – The Lundin Mining Shares commenced trading on TSX on a one-to-three subdivided basis effective February 1, 2007.

AMEX – Common Shares

	Price Range (US$) High	Low	Trading Volume (000's)
2006			
May	-	-	-
June	-	-	-
July	-	-	-
August	-	-	-
September	-	-	-
October	-	-	-
November	$39.93	$32.11	34,256
December	$37.78	$34.31	13,980
2007			
January	$36.85	$31.37	17,926
February [2]	$11.60	$9.96	14,688
March	$11.30	$9.44	10,817
April	$13.78	$11.02	32,464
May 1 - 15	$13.28	$11.86	12,596

Note 2 – The Lundin Mining Shares commenced trading on AMEX on a one-to-three subdivided basis effective February 9, 2007. The share price and trading volume between February 1, 2007 and February 8, 2007 is adjusted as though the subdivision occurred on February 1, 2007.

SSE – Swedish Deposit Receipts

	Price Range (SEK) High	Low	Trading Volume (000's)
2006			
May	293.0	147.0	17,860
June	218.0	155.0	10,248
July	217.5	186.0	5,934
August	233.5	198.0	4,634
September	228.0	183.5	10,588
October	267.5	186.5	13,070
November	288.5	229.0	21,121
December	261.0	233.5	7,854
2007			
January	259.5	217.0	14,345
February [3]	81.0	70.3	23,822
March	78.8	68.5	18,698
April	96	76.5	37,504
May 1 – 11	89.8	81.0	11,547

Note 3 – The Lundin Mining Swedish Depositary Receipts commenced trading on SSE on a one-to-three subdivided basis effective February 1, 2007.

The closing price of the Lundin Mining Shares on April 10, 2007, the last trading day prior to the public announcement of the Arrangement, was CDN$14.88 on the TSX and US$13.00 on AMEX. The closing price of the Swedish Deposit Receipts on the SSE on April 10, 2007, the last trading day prior to the public announcement of the Arrangement, was SEK90.50.

Dividend Record

Lundin Mining has not paid dividends on the Lundin Mining Shares in the last five years and it has no present intentions of paying any dividends on the Lundin Mining Shares, as it anticipates that all available funds will be invested to finance the growth of its business. The directors of Lundin Mining will determine if and when dividends should be declared and paid in the future, based on Lundin Mining's financial position at the relevant time.

Directors and Officers

Information with respect to the current directors and officers of Lundin Mining is included in the Lundin Mining AIF, under the heading, Item 9, Directors and Officers. Lundin Mining shareholders will elect new directors for the ensuing year at Lundin Mining's annual and special meeting of shareholders to be held on June 18, 2007. Information regarding the nominees for election as directors of Lundin Mining is included in Lundin Mining's management information circular dated May 18, 2007 under the heading "Election of Directors".

Executive Officers' and Directors' Compensation

Information regarding the compensation of Lundin Mining's directors and executive officers and directors is set forth under the headings "Executive Compensation" and "Compensation of Directors" respectively in Lundin Mining's management information circular dated May 18, 2007 relating to the annual and special meeting of Lundin Mining shareholders to be held on June 18, 2007.

Summary Financial Information

	Years ended December 31,		
	2006	2005	2004
Total Sales	$ 539,729	$ 192,073	$ 39,922
Net earnings	$ 152,949	$ 29,963	$ 4,764
Earnings per share - basic	$ 1.02	$ 0.26	$ 0.21
Earnings per share - diluted	$ 1.01	$ 0.26	$ 0.21
Cash and cash equivalents	$ 402,170	$ 74,409	$ 86,680
Total assets	$ 2,829,600	$ 406,814	$ 327,174
Long-term financial obligations	$ 42,851	$ 1,547	$ -
Total shareholders' equity	$ 2,129,768	$ 244,516	$ 166,348

	Three months ended March 31,	
	2007	2006
Total Sales	$ 193,920	$ 91,798
Net earnings	$ 53,708	$ 21,461
Earnings per share - basic	$ 0.19	$ 0.18
Earnings per share - diluted	$ 0.19	$ 0.17

	March 31, 2007	December 31, 2006
Cash and cash equivalents	$ 317,393	$ 402,170
Total assets	$ 2,863,143	$ 2,829,600
Long-term financial obligations	$ 43,296	$ 42,851
Total shareholders' equity	$ 2,220,458	$ 2,129,768

Selected Pro forma Financial Information

	Three months ended March 31, 2007	Twelve months ended December 31, 2006
Total Sales	$ 256,581	$ 1,175,911
Net earnings	$ 78,323	$ 336,850
Earnings per share - basic	$ 0.20	$ 0.87
Earnings per share - diluted	$ 0.20	$ 0.86

	March 31, 2007
Cash and cash equivalents	$ 514,656
Total assets	$ 4,985,031
Long-term financial obligations	$ 624,115
Total shareholders' equity	$ 3,501,404

The pro forma consolidated financial statements of Lundin Mining as at March 31, 2007 and for the three months ended March 31, 2007 and for the year ended December 31, 2006 are both attached to this Joint Disclosure Booklet.

Management's Discussion and Analysis of Financial Condition and Results of Operations

Reference is made to the management's discussion and analysis of financial condition and results of operations in respect of each of the audited consolidated annual financial statements of Lundin Mining for the years ended December 31, 2006, December 31, 2005 and December 31, 2004 and the unaudited consolidated interim financial statements of Lundin Mining as at and for the three months periods ended March 31, 2007 and March 31, 2006.

Interest Of Informed Persons In Material Transactions

None of the persons who were directors or executive officers of Lundin Mining or a subsidiary of Lundin Mining at any time during Lundin Mining's last financial year, any person or company who beneficially owns, directly or indirectly, or who exercises control or direction over (or a combination of both) more than 10% of the issued and outstanding common shares of Lundin Mining, nor any associate or affiliate of any of the foregoing persons, has any material interest, direct or indirect, by way of beneficial ownership or otherwise, in any transaction within the three years preceding the date hereof or in any proposed transaction that has materially affected, or would materially affect, Lundin Mining or any of its subsidiaries.

Auditors, Registrar and Transfer Agent

The auditors of Lundin Mining are PricewaterhouseCoopers LLP, Chartered Accountants, Vancouver, British Columbia.

The registrar and transfer agent for the Lundin Mining Shares is Computershare Investor Services Inc., at its principal offices in Vancouver, British Columbia, and Toronto, Ontario.

Material Contracts

Information regarding Lundin Mining's material contracts is set forth under the heading "Material Contracts" in Lundin Mining's management information circular dated May 18, 2007 relating to the annual and special meeting of Lundin Mining shareholders to be held on June 18, 2007.

Risk Factors

For risk factors associated with the activities of Lundin Mining, see Item 6, Risk Factors, at pages 65-72 of the Lundin Mining AIF.

Legal Proceedings

Neither Lundin Mining nor its material subsidiaries or material properties are subject to any material legal proceedings.

Additional Information

Additional information relating to Lundin Mining is available under Lundin Mining's profile on the SEDAR website at www.sedar.com. Financial information in respect of Lundin Mining and its affairs is provided in Lundin Mining's audited annual consolidated financial statements as at and for the financial year ended December 31, 2006 and the unaudited interim consolidated financial statements as at and for the three months ended March 31, 2007, and the related management's discussion and analysis. Copies of Lundin Mining's financial statements and the related management's discussion and analysis are available upon request from Lundin Mining by contacting Lundin Mining's Corporate Secretary at: (i) mail at 1100 - 888 Dunsmuir Street, Vancouver, B.C., V6C 3K4; (ii) telephone at (604) 687-7077; or (iii) fax at (604) 687-7099.

INFORMATION CONCERNING SURAMINA

General

The disclosure contained herein has been prepared in contemplation of the Arrangement.

DOCUMENTS CONCERNING SURAMINA INCORPORATED BY REFERENCE

Information has been incorporated by reference in this Joint Disclosure Booklet from documents filed with securities commissions or similar authorities in certain provinces of Canada. Copies of the documents incorporated herein by reference may be obtained on request without charge from the Corporate Secretary of Tenke, 2101-885 West Georgia Street, Vancouver, B.C., V6C 3E8, phone (604) 689-7842 or by accessing the disclosure documents available through the internet on the System for Electronic Document Analysis and Retrieval (SEDAR) website at www.sedar.com.

For further information regarding Suramina, please refer to the following documents which are incorporated by reference herein:

(a) the Tenke AIF;
(b) the news release dated February 2, 2006 of Tenke announcing initial resource estimate at its Josemaria copper/gold porphyry project in San Juan, Argentina;
(c) the news release dated June 8, 2006 of Tenke announcing signing of investment agreement with Companhia Vale Rio Doce and its wholly-owned subsidiaries, Rio Doce Argentina S.A. and Compania Minera Latino-Americana Limitada in respect of the Las Flechas and Northern Property projects; and
(d) the news release dated May 1, 2007 of Tenke announcing updated exploration results.

The audited consolidated financial statements of Suramina as at and for the year ended December 31, 2006 and 2005, together with the notes thereto and auditors report thereon and the interim unaudited consolidated fianancial statements of Suramina as at and for the three months ended March 31, 2007 and 2006, together with the notes hereto, are both attached to this Joint Disclosure Booklet.

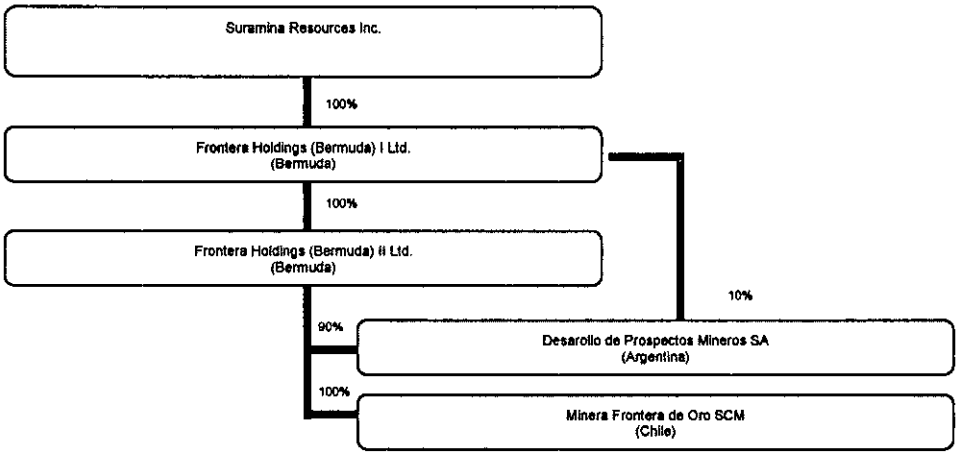
Corporate Structure

Suramina was incorporated as a federal corporation under the name 6749461 Canada Inc. under the *Canada Business Corporations Act* with unlimited share capital on April 5, 2007. On May 15, 2007 Suramina filed articles of amendment to amend its share capital by the creation of an unlimited number of voting, non-participating class A shares and to change its name to "Suramina Resources Inc."

Suramina's registered office is located at Scotia Plaza, Suite 2100 40 King Street West Toronto, ON M5H 3C2 and its head office is located at Scotia Plaza, Suite 2100, 40 King Street West, Toronto, ON, M5H 3C2.

On completion of the Arrangement, it is anticipated that Suramina will be a reporting issuer in the Provinces of British Columbia, Alberta, Saskatchewan, Ontario and Quebec. Application will be made to list the Suramina Shares (as hereinafter defined) on the TSX. Any listing will be subject to meeting TSX original listing requirements and there is no assurance such a listing will be obtained.

The following diagram illustrates the contemplated corporate structure of Suramina after completion of the Arrangement:



Business Overview

Suramina will be a mineral resource corporation engaged in exploring for, developing and acquiring precious and base metal properties primarily in South America. As a result of the Arrangement, Suramina will have a large portfolio of strategically located gold, silver and base metal exploration properties in central and southern Argentina and central Chile, most of which properties will be majority controlled by Suramina and will be held indirectly through what will be Suramina's subsidiaries, Desarrollo de Prospectos Mineros SA and Minera Frontera del Oro SCM.

General Development of the Business

Principal Properties

General Introduction

Suramina will hold an indirect interest, through its subsidiaries, in a land package in Argentina and Chile encompassing over one million hectares and covering many key prospective gold and base metal regions in the central and southern part of Argentina and central Chile.

During 2006, drill programs were carried out by Tenke at the Josemaria, Vicuña, and Sillimanita projects located at the northern continuity of the El Indio Gold Belt in the Cuyo region of Argentina, approximately 60 kilometres north of the Veladero/Pascua gold deposit and at El Bagual, located in Patagonia 200 kilometres northwest of the Cerro Vanguardia gold/silver mine. During the second quarter of 2006, a drill program was commenced by Tenke at the Paramillos Project, but shortly thereafter was suspended due to a lobby against exploration in the area by a competing business. During the first quarter of 2007, drilling by Tenke occurred at a new porphyry target in Chile, east of Copiapo called Los Helados and drilling continued at Josemaria and Sillimonita. It is anticipated that new projects will be activated by Suramina as exploration progresses. Also during this period, drilling by Tenke commenced at a silver/lead/zinc property called Cerro Quadrado in Santa Cruz Province, Patagonia.

There are three main types of mineralization targeted at what will be Suramina's various projects:

- Porphyry Au-Cu and high/low sulphidation bulk tonnage disseminated copper - gold mineralization (Josemaría, Vicuna, Los Helados and Las Flechas Projects)
- Low sulphidation gold vein, silver and base metal systems (San Juan, Patagonia and Tierra del Fuego properties)
- Porphyry copper/gold (Mendoza region properties)

It is anticipated that Suramina's exploration programs in South America will be (as they were previously) carried out under the direction and supervision of J. Patricio Jones, PhD. and Craig Feebrey, M.Sc. Ph.D (Geology). Dr. Jones holds a Master of Science degree in geology from Witwatersrand University and a Doctorate from La Plata University. Information and results from the exploration programs carried out on Suramina's properties will be (as they were previously) reviewed by Mr. Paul K. Conibear, P.Eng., President of Tenke, who is a "qualified person" within the meaning of this term in National Instrument 43-101 of the Canadian Securities Administrators ("**NI 43-101**").

The information in this Joint Disclosure Booklet entitled, Josemaria Project, which is of a scientific or technical nature has been derived from the report entitled "Preliminary Resource Estimate for the Josemaria Project, San Juan Province, Argentina" dated January 23, 2006 prepared by Messrs. John Nilsson, P.Eng. and Mario E. Rossi, Min. Eng., MSc., each of whom is a "qualified person" within the meaning of this term in NI 43-101. Copies of the report prepared by Messrs. Nilsson and Rossi are available on SEDAR at www.sedar.com under the Tenke profile.

La Rioja And San Juan Province And Chilean Projects

Josemaría Project

Property Description and Location

The Josemaria Project is Suramina's most advanced project in Argentina. The Josemaria Project is located near the northern limits of Iglesia department in northern San Juan province, northwest Argentina, at elevations ranging from 3,900 to 4,700 metres above sea level. The project is included in a larger property package referred to as the Lirio Properties, which surround the Batidero Property and are adjacent to the Vicuña Property. The entire property group comprises approximately 12,900 Ha.

During mid-2003, Tenke finalized an agreement to obtain 100% ownership of the Lirio Properties. Principal terms of the earn-in agreement between Desarrollo de Prospectos Mineros S.A. ("**Deprominsa**"), and the current underlying property holders include an initial payment of US$23,000 and staged payments aggregating US$790,000 between 2003 and 2009. In the event a mine is put into production, the underlying property holders are entitled to receive a 0.5% Net Smelter Return and an additional US$2 million within six months following the second complete year of mine operations.

The Josemaría Project is a newly discovered Au-Cu (Mo) porphyry system, controlled by the interaction of regional NNE and WNW fracture systems, and hosted in andesitic to dacitic volcanic units of middle Tertiary age. The system is bounded on the west side by an advanced argillic, epithermal system, which seems to be a retrograde late event as a result of magmatic fluid remobilization along a NNE fault corridor. Josemaria is characterized by disseminated sulphides, mineralized quartz veinlets and some sulphides on fracture surfaces hosted within a granodiorite to quartz diorite intrusive. Mineralization occurs as pyrite, chalcopyrite and bornite, disseminated and in quartz veinlets, with chalcocite, pyrite and chalcopyrite on fracture surfaces.

Based on 13,697 metres of reverse circulation and diamond drilling at the project, during the 2003-2004 and 2004-2005 field seasons, Josemaria has an inferred resource of 374 million tonnes at 0.40% TCu and

0.29 g/t Au at a 0.30% Cu cutoff. Reference is made to the report entitled "Preliminary Resource Estimate for the Josemaria Project, San Juan Province, Argentina" dated January 23, 2006 prepared by Messrs. John Nilsson, P.Eng. and Mario E. Rossi, Min. Eng., MSc. (the "Josemaria Project Report"), in accordance with NI 43-101, a copy of which is available on SEDAR at www.sedar.com under Tenke's profile.

An update of the NI-43-101 will be completed in 2007.

Accessibility, Climate, Local Resources and Infrastructure

The Josemaria Project area is accessible during the period September through May each year, via dirt roads from the towns of Guandacol and Jagué in La Rioja Province. Both these localities, served by national paved roads, are 165 and 185 km respectively by road from the Josemaria Project. Both these towns are rural with main commercial and industrial activities based on agriculture and small farming. They have local power generation plants and are also linked to regional 133 kV grids. The Josemaria Project is served by a 70 man camp, located at the Pirca de Bueyes Creek, some eight km to the SSE. Logistic support is based out of the city of San Juan, San Juan Province, approximately 10 hours drive from camp by four-wheel drive pick-up.

The climate is cold and windy, typical of the high Andes. Elevation of the property ranges from 3900 to 4700 metres above sea level. Terrain varies from broad flat alluvial planes one km or more in width, to rounded ridges and peaks of varying steepness. Colluvial cover thickens on lower slopes.

The primary exploration field season runs from October to April, however once a significant discovery is made, it is possible to maintain site activity throughout the winter through provision of adequate snow removal equipment and other normal winter program measures.

History and Previous Work

Previous work on the Lirio Properties has been limited to regional reconnaissance and there have been no significant exploration projects previously on this land position. The discovery of the mineralised system occurred during the 2002-2003 exploration season by following anomalous talus geochemistry (Au-Cu-Mo) from the neighbouring Batidero Property to the northwest. The alteration (epithermal) system, located on the west flank of the porphyry called attention to several exploration crews before, but systematic sampling and/or geological mapping was not done at the property. The first study of such kind resulted in the identification of the concealed porphyry target by Tenke's geologists in early 2003.

Geology

The oldest known rocks in the Josemaría area outcrop in the north and west and are medium grained granites and granodiorites believed to correspond to the Permian-Triassic Carnerito Formation of the Choiyoi Group. In the central zone area are porphyritic flows of andesite-dacite composition possibly equivalent to the Tillito Formation of the Doña Ana Group. These rocks are intruded by medium to coarse grained, porphyritic granodiorites. Pyroclastics of dacitic to andesitic composition are positioned sub-horizontally above the andesitic flows. Crowning the previous sequence are volcanic sequences of basaltic to andesitic composition.

Intensely silicified, hydrothermal breccias outcrop in various parts of the property. Some of these outcrops are elongated along a NNE orientation. They contain strongly silicified clasts and matrix, vugs of iron oxides and native sulphur. Near the central zone, a series of three hydrothermal breccias have been mapped forming a line, spacing the breccia outcrops at 1000 m and oriented at approximately ESE. Two of the outcrops are elongate in a NNE direction. Tectonic breccias are also reported on the property. Some of these appear to be associated with a low angle fault(s). Toward the south is a sequence of

pyroclastic andesites, fresh to sub-propylitic, in contact with a volcanic breccia containing an andesitic matrix.

Strong lineaments grouped in WNW-ESE and NE-SW orientations cross the area. Five principal structures of regional faulting have been identified. Three have WNW-ESE orientation while the remaining two are oriented NE-SW. These structures connect the majority of colour anomalies and mineral occurrences in the area. A further N-S feature dividing the Eastern and Western Blocks is terminated and possibly translational between the WNW and NE oriented groups.

A low angle fault that reaches surface is the southeastern upper contact of the central zone granodiorite. It dips between 25° and 35° SE and is believed to wrap around to the Batidero property side of the mountain hosting Josemaría. Basaltic-andesitic volcanics above the thrust are fresh to weakly altered (propylitic) in contrast with more strongly altered units (phyllic to potassic) immediately below.

Alteration was mapped by LANDSAT imagery and by later groundwork. Potassic alteration is predominantly associated with quartz diorite intrusive in the core of the central Josemaría zone; seen in outcrop, trenches and core. This alteration is characteristic of the centre of porphyry intrusive systems. Late phyllic overprinting can result as the hydrothermal system winds down. Five mineral assemblages, identified using PIMA, are consistent with an argillic alteration suite: smectite-kaolinite-illite (Sm-Kao-Ill), smectite-halloysite (Sm-Ha), smectite-illite-silica (Sm-Ill-Si), smectite-illite (Sm-Ill) and smectite-halloysite-illite (Sm-Ha-Ill). These are interpreted as more probably associated with high-sulphidation epithermal systems in Batidero and possibly as late-stage overprinting associated with porphyries in Josemaria. Argillic alteration is predominately associated with andesite flows that host quartz veins, and in hydrothermal breccias hosted by the andesite porphyry. Three mineral assemblages identified are consistent with advanced argillic alteration: kaolinite-diaspore (Kao-Dia), alunite/alunite-quartz (Al/Al-Qz) and alunite-kaolinite (Al-Kao). This type of alteration is well developed west of the central zone and also affects the andesites and hydrothermal breccias south of the central zone. Silicic alteration, silicification and opaline quartz, has been observed in hydrothermal breccias on or near Josemaría. The silicification commonly occurs as pervasive replacement by opaline quartz in the dacites-rhyodacites. Propylitic alteration occurs regionally within this part of the Frontal Cordillera. It is locally associated with a smectite-chlorite-illite ± pyrite-carbonate (Sm-Chl-Ill) suite.

Josemaría is similar to porphyry mineralised systems found in the Maricunga belt. It is characterized by disseminated sulphides, mineralised quartz veinlets and some sulphides on fracture surfaces hosted within a granodiorite to quartz diorite intrusive. Pyrite, chalcopyrite and bornite are noted as disseminated and in quartz veinlets with chalcocite, pyrite and chalcopyrite are reported on fracture surfaces. Disseminated magnetite is described as is occasional epidote. Specular hematite and magnetite are noted in quartz veinlets in the intrusive.

To the west of the central zone there are indications of a NNW trending quartz-alunite zone. This is distinguished both by a change in alteration style and geochemistry (significant increase in Au/Cu ratio). Two of the four vein styles found in a Maricunga-style system have been tentatively identified at Josemaría. These two styles are the late stage, D-type veins (pyrite with minor quartz and quartz-sericite-pyrite haloes and local tourmaline) and quartz-alunite ledges. Some elevated gold values are reported with quartz-alunite suggesting that they are late stage quartz-alunite ledges, not the early stage, barren, quartz alunite ledges also found in Maricunga Belt systems. The quartz-alunite to the WNW of the central zone is quite close to what is believed to be the core of the system. The style of mineralisation seen at Josemaría tends to be continuous, forming roughly bulbous shapes.

Exploration Activities

Five field seasons have been completed by Tenke that include significant work at the Josemaría Project.

Work during the 2002-2003 field season was a component of a larger program at the Batidero property. The grid established on Josemaría is a continuation of the grid used on Batidero. Systematic talus-fines sampling was carried out across part of the central zone and peak areas of the property and 16.68 km of CSAMT was surveyed. Two trenches, following road cuts, were sampled over 3m intervals whenever possible. Trench 1 (T1) returned 109.2m of 0.36 ppm Au (including 69m of 0.408 ppm Au), 0.22% Cu (including 46.2m of 0.34% Cu) and 57 ppm Mo while Trench 2 (T2) returned 148.5m of 0.174 ppm Au, 0.17% Cu and 11.35 ppm Mo.

The 2003-2004 field season saw further detailed mapping and talus-fines sampling. Chip sampling was almost entirely confined to trenches constructed in road cuts. Trenches T1 and T2, started during the previous season, were extended and three additional trenches were added in this area – T4 and T5 oriented roughly E-W and T6 oriented N-S and connecting T1, T2 and T4. The extension to T1 was for a total of 41m of which 30m averaged 0.65% Cu, 0.25 ppm Au and 53 ppm Mo. Trench T1-W over 78m averaged 0.22% Cu, 0.43 ppm Au and 35 ppm Mo. Trench T2 was extended for approximately 79m with 48.15m averaging 0.30% Cu, 0.26 ppm Au and 33 ppm Mo. Trench T4 runs for approximately 65m of which 48.6m averaged 0.28% Cu, 0.19 ppm Au and 25 ppm Mo. Trench T6 runs for 545m over which it averages 0.27% Cu, 0.26 ppm Au and 33 ppm Mo. Trench T5 was sampled over 25m of which 10m returned 0.27% Cu, 0.13 ppm Au and 28 ppm Mo. A 30.45 line-km program of ground based magnetics used the existing talus sampling grid. There was a close correlation between the magnetic results and the Cu-Au-Mo geochemical anomaly identified in talus and trenches during 2002-2003. An IP-resistivity program was conducted on nine lines.

A total of 3,475m of reverse circulation drilling were conducted in ten holes that discovered a significant new gold-copper mineralised zone. The discovery hole, the first hole drilled on the project, returned 280 metres of 0.51 g/t Au and 0.61% Cu and is open at depth with increasing copper grades. The final hole of the season (JMR 10) returned the best intercept of the program including 350 metres of 0.58 g/t Au and greater than 0.55% Cu. Nine out of ten holes focused on testing the central zone intersected significant gold and copper mineralisation. Samples were taken every two metres for multi-element geochemical analysis by ALS Chemex.

The first phase of drilling outlined a mineralized zone that extended 400 metres in a north-south direction by approximately 300 metres east-west along the faulted contact between an advanced argillic zone and a porphyry setting hosted in upper Tertiary volcanics and porphyritic sequences of the Doña Ana Group. The zone is within the larger main geological-geochemical anomaly that extends over an area greater than six square kilometres.

The 2004-2005 field season, consisted of geologic mapping, talus sampling and ground magnetics with the primary focus being drilling. Thirteen talus sample lines were completed to infill a number of areas at Josemaría and to extend further south onto the Batidero property. In addition, an infill and southern extension magnetic survey was conducted by Quantec Geoscience Argentina S.A. Several previously unknown magnetic features along the southern edge of Josemaría and extending onto the Batidero property were located.

Twenty-one reverse circulation holes (JMRC11 – JMRC 31) totaling 11,291m and five diamond drill holes (JMDH 01 – JMDH 05) totaling 2,405m tested to depths of 444m and 520m respectively, during the second phase of drilling. The primary objective of this program was to test the continuity of the porphyry system in several different directions. Significant intercepts include: 308 meters of 0.44 g/t Au and 0.52% Cu, including 24 meters of 0.63 g/t Au and 0.78%Cu (JM RC-13); and 513.35 meters of 0.40 g/t Au and 0.38% Cu, including 360 meters of 0.44 g/t Au and 0.40% Cu including 151 meters of 0.54 g/t Au and 0.46% Cu (JM DH-03). Hole JMRC 27 expanded the mineralized zone significantly to the northwest and returned 364 metres of 0.47% copper and 0.34 grams per tonne gold starting at 56 metres of depth. The last 36 metres of this hole contained 0.90% copper and 0.40 grams per tonne gold.

During the 2005–2006 field season, the focus of the drill program was to test the mineralised zone at depth. Both diamond drill holes were completed to a length of 850m. IP-resistivity and magnetic surveys were completed to the north of Josemaria, continuing on to the El Potro property and over the Sillimanita target.

The 2006-2007 field season included 6.092m of RC drilling and IP-resistivity and ground magnetic geophysical surveys.

Drilling

Forty-eight reverse circulation holes (JMRC1 – JMRC 30, JMRC 32, JMRC 48, AP DDH 06) and seven diamond drill holes (JMDH 01 – JMDH 07) totaling 25,139 meters have been have been completed over four drill campaigns.

The resource calculation, completed after the first two phases of drilling, is based upon the results of 34 drill holes. Ten reverse circulation holes (3475 m) were completed during the 2003-04 season and a second phase of drilling of 20 reverse circulation holes (7822 m) and 5 diamond drill core holes (2406 m) was performed in the 2004/2005 season to establish depth and size.

As a result of the combined reverse circulation and diamond drilling, the main Josemaria mineralized zone was extended to approximately 800 metres north-south by 400 metres east-west. A higher grade zone of approximately 450 metres (north-south) by 250 metres (east-west) exists comprised of a sulphide core (bornite-chalcopyrite) that in places has a two to three fold increase in copper grades compared to overall hole averages, along with higher gold grades associated with intense quartz veining. Mineralization at Josemaria is still open at depth and to the west.

The Josemaria Project Report estimates, at a 0.30% Cu cutoff, an inferred resource of 374 million tonnes with a grade of 0.40% TCu and 0.29 g/t Au for Josemaria.

Josemaría Model, Inferred Resources			
TCu Cutoff (%)	Million tons above TCu cutoff	TCu Grade (%)	Au Grade (g/t)
0.2	692	0.33	0.25
0.3	374	0.40	0.29
0.4	131	0.52	0.35
0.5	60	0.61	0.37
0.6	26	0.70	0.38
0.7	10.2	0.80	0.38
0.8	3.7	0.89	0.37

The effective date of the above estimate is January 23, 2006. The Josemaria resource block model was defined as a single-size block model that encompasses the area of interest. The block size chosen was 25 x 25 x 15m, intended to reflect the drill hole spacing available and generally accepted practices used to model large, Cu-Au porphyry deposits. Grades were estimated using ordinary kriging and correlogram models and extensive graphical validation was completed.

The 2005-2006 program of step out and deep drilling was conducted to expand the resource size and to pursue the potential of a deep-seated core to the deposit. Mineralization in excess of 800 metres from surface was encountered within the area of the previously delineated resource, nearly doubling the depth of previous drilling. A step out drill hole to the northwest also encountered deposit average grade mineralization further expanding Josemaria's size potential.

Sampling of talus fines carried out by Deprominsa used a compositing method that results in samples representative of 100m along the sampling line. Talus fines were collected as composites of 10 sites located at 10m intervals, centred if possible, on a 100m line station. Each sample was named for the station at the midpoint of the sample sites (between 5 and 6). Component samples of 100 to 200g were taken typically between 30 and 40cm depth and above the ferruginous duricrust. Each component was dried and sieved to #10 mesh size. An equal amount of each component sample was then combined and homogenized by shaking the sample bag before shipping to San Juan for pickup by ALS Chemex.

Chip sampling followed conventional methods of following as close to the centre line of the sample as practical. Samples were chipped not cut. The majority of chip samples were taken along road-cut type trenches. Sample width was kept constant within each trench as much as possible.

Both reverse circulation (RC) and diamond drill core (DDH) was completed at the Josemaria Project. The entire length of the holes were carefully logged, on a systematic 2m interval in the case of RC and on a systematic 1m core length in the case of the DDH holes.

RC Chips were collected at the drill in large sacks weighing about 40kg. These were taken to the camp where they were weighed and run through a quartering and homogenizing process using riffle splitters that results in a 5kg split for shipment to the lab. Representative samples were retained as a geological record of the hole and for re-assay.

The core intervals were split in half by saw with one half being submitted for assay and the balance being stored in San Juan for reference. Also, from the saved one half core, samples were taken for density measurements.

No geologic breaks dictated breaks in the uniform 2m (RC or 1m (DDH) sampling, which is appropriate for a bulk tonnage, low-grade deposit. HQ diameter core was drilled to provide adequate sample weights. The average weight of a half core sample for a 2m interval is 8.0kg, and therefore a significant weight that provides for sample preparation and assaying. Samples were prepared for shipping to San Juan in the Batidero Camp. The details of each shipment, including the name of the driver were recorded before being transported by Deprominsa personnel to the San Juan office. ALS Chemex picked up the shipments at the San Juan office and was responsible for their transport to Mendoza. GeoSystems International visited ALS Chemex's sample preparation facility in Mendoza, was responsible for preparing the sample pulps for Deprominsa S.A.'s projects. The pulps were sent by truck to La Serena for assaying.

The project used ALS Chemex for geochemical analysis and assaying. ALS Chemex complies with ISO 9001:2000 and ISO 17025:1999 in its internal quality system. Sample preparation work was performed by ALS Chemex in their prep lab facility in Mendoza, Argentina while the analytical work was performed in their laboratory in Santiago, Chile. All samples were logged into ALS Chemex tracking system, weighed and dried at 60°C. Preparation of RC chip, trench chip or cut core samples was by crushing so better than 70% of the crushed sample passes through a -2mm mesh. A 250g split was taken and pulverized to better than 85% passing through a 75 micron screen. The -75 micron fraction was dry screened to -180 microns (equivalent to -80 mesh) and both fractions were retained (PREP-31 and SCR-41).

Talus fines were dry sieved to -180 microns and both fractions were retained (SCR-41).

Gold was then determined by fire assay with AAS finish on a 50g sample (Au-AA24). The detection limit and range of this method is 0.005 to 10 ppm Au.

The sample was also digested using a HF-HN03-HC104 acid digestion, HCl leach and finished using ICP-AES for 27 elements. In addition, Hg was determined using an Aqua Regia digestion and cold vapour AAS.

The computerized database was spot-checked against the laboratory certificates, which were issued as digitally-signed Acrobat PDF documents, as well as paper certificates. The overall integrity of the database was deemed reasonably good or very good.

Cursory checks of the assay values stored in the database against the official laboratory certificates suggest that errors are only minor and well within the industry standards. This check was made for Au and TCu grades only.

Several statistical analyses were carried out to describe mineralization within the zones defined. All features described were by Deprominsa geologists and corresponded to the elements described above. The computerized models were all surfaces, with the exception of the outer limits of the deposit, represented by the two NW-SW trending faults (one to the south, the other to the north) and the western-most limit, represented by the surface contact of the advanced argillic alteration, projected sub-vertically. These sets of strings were converted into a three-dimensional solid, to allow for selection of blocks and data within.

Two-meter long composites were obtained from the original assay data and coded using the modeled geology as being above or below the thrust fault (SEV, or volcanic Sequence) and above or below the leach cap (LIX). Also, RC-06 was left out of the database because it is entirely located to the North of the northern NW-SE fault limiting the deposit.

The composite length was chosen mostly due to the lack of data available, which also hampers any more detailed study that could be used to justify the composite length chosen. Length regularization was the primary objective of compositing. A 2m composite was accepted as a compromise between the amount of data available for estimation, an adequate regularization given the potential mining selectivity considerations and estimation quality. The overall low variability of the Au and TCu grade distributions made this decision less consequential.

A minimum composite length of 1.0m was retained for the final estimation database. This is in part due to common practice in industry (50% of nominal composite length is the most accepted threshold), but justified also by the poor correlation observed between the Au and TCu grades and the original sample interval length.

There were three zones that were defined to control grade estimation within the mineralized volume including the main mineralized zone (MZ), the leached cap (LIX) and the volcanic (SEV) sequence (as determined by the low-angle fault described elsewhere). The LIX and SEV zones were estimated as separate domains. The remainder of the composites were assigned to MZ volume (intrusive complex).

Correlograms were run on the original samples for both TCu and Au, without separating estimation domains. The spatial continuity estimator chosen was the correlogram, which was shown in previous work to be more robust with respect to drift and data variability, allowing therefore for a better estimation of the observed continuity.

Correlograms were run on two of the estimation domains defined (SEV and LIX) using the 2m composites, despite the fact that few data may mean fewer more robust functions to model. However, given the lack of consequence of both the LIX and SEV zones to the overall resource model, specifically was preferred instead of robust.

The main conclusions and observations obtained from variography are:

1. Overall correlations are in the same order of magnitude as expected for this type of deposit, between 100m to 200m for about 50% to 70% of the total variance. General directions of continuity are N-W for the first structure and N-S to N-E for the overall model. In some cases, and in particular for Au and considering the first structure, there is good continuity down dip, although rarely as good as the along-strike continuity.

2. Generally, the TCu and Au spatial correlations are similar, particularly as they relate to the overall spatial distribution. However, there are differences that may be significant, since they suggest a stronger structural control (sub-vertical) for the shorter-range correlations in the case of Au.

3. In the sub-horizontal plan, the first structures tend to exhibit a NW-SE trend, which corresponds to a district-wide structural system, while the longer-ranges appear to correspond to a different district-wide system, oriented more N-S to NE-SW.

The upper portion of the model was truncated with the existing topography. The northern and southern most limits were defined by two NW-SE trending faults or contacts. The western edge was defined by the sub-vertical advanced argillic contact.

It should be noted that estimates of resources do not have demonstrated economic viability. There are no known environmental, permitting, legal, title, taxation, socio-economic marketing and political or other relevant issues that may materially affect the resource estimates; however, other relevant factors that may materially affect the resources, including mining, metallurgical and infrastructure are not yet known.

Geological mapping, geophysics and geochemistry evidence lead to drilling on the Josemaria Project. Extensive graphical validation was completed on the block model which checked the reasonableness of the estimated grades, based on the Kriging plan and the nearby composites, checked the estimated blocks carry the envelope and oxide/sulphide codes as interpreted and modeled and that topography was properly accounted for.

All mineralization was estimated as a single unit as it is too difficult and uncertain to separate mineralized areas that respond to different geologic controls. Further re-logging and interpretative work are needed to update the geologic model. Issues such as lack of down-hole measurements and unlimited quality/quantity assurance also restrict the confidence on the information used to estimate the resource.

The most important observations are:

1. The overall resource at a 0.3% Cu cutoff is inferred at 374 million tonnes with a 0.40% TCu and 0.29 g/t Au grades. All resources have been classified as inferred.

2. The amount of resources above cutoff drops rapidly for higher cutoffs. There are approximately 240 million tonnes estimated within the 0.3% to 0.4% cutoff grade class. The grades above the 0.4% cutoff are 0.52% TCu and 0.35 g/t Au, respectively.

3. The grades in the slightly enriched zone are being mixed with the lower grades of the primary mineralization. An improved geologic model that allows separation of the two (or more) zones should help in defining slightly higer grades in the upper portions of the deposit.

Completed during 2005/2006 were 1,418 meters of diamond drilling and 458 meters of reverse circulation drilling. The table below summarizes the drill results.

2005/2006 Exploration Season Highlights

Hole	From (m)	To (m)	Interval (m)	Au (g/t)	Cu %
JM RC 32	0	176	176	0.370	0.400
incl	42	176	134	0.380	0.520
AP DDH 06	0	282	282	0.268	0.265
incl.	0	72	72	0.413	0.177
and incl.	170	184	14	0.451	0.430
and incl.	186	204	18	0.299	0.490
JM DH 06	282	568	286	0.100	0.161
incl.	290	300	10	0.330	0.510
and incl.	316	327	11	0.286	0.458
and incl.	364	386	22	0.169	0.261
and incl.	453	535	82	0.138	0.192
JM DH 07	0	850	850	0.235	0.294
incl.	32	70	38	0.209	0.463
and incl.	147	152	15	0.300	0.289
and incl.	190	439	249	0.431	0.443
and incl.	533	554	21	0.190	0.318
and incl.	568	607	39	0.162	0.313
and incl.	692	702	10	0.183	0.327
and incl.	713	739	26	0.170	0.303

The fourth season of drilling during the 2006-2007 field season, completed a 6.092 m of reverse circulation drilling. New areas of disseminated mineralization of similar grades and depths were encountered extending the northwest boundary of the previously defined resource.

It is anticipated that an update of the NI 43-101 mineralized resource will be completed over the next few months and initial scoping evaluations will be performed.

The best results from the 2006/2007 season are shown in the attached table.

JOSEMARIA DRILL RESULTS- SEASON 2006-2007

DRILLHOLE	Final depth (m)	Mineralized interval (m)	From (m)	To (m)	Au (g/t)	Cu (%)
JMRC_032*	397.00	397.00	0.00	397.00	0.32	0.37
	Including	262.00	42.00	304.00	0.35	0.44
	Including	150.00	42.00	192.00	0.38	0.51
JMRC_033	400.00	400.00	0.00	400.00	0.35	0.34
	Including	188.00	36.00	224.00	0.46	0.41
	Including	96.00	128.00	224.00	0.52	0.50
	Including	22.00	4.00	26.00	0.52	-
JMRC_034	400.00	400.00	0.00	400.00	0.34	0.40
	Including	204.00	122.00	326.00	0.46	0.53
	Including	122.00	204.00	326.00	0.53	0.62
JMRC_035	420.00	420.00	0.00	420.00	0.22	0.29
	Including	138.00	120.00	258.00	0.28	0.39
	Including	82.00	176.00	258.00	0.30	0.44
JMRC_036	400.00	400.00	0.00	400.00	0.20	0.19
	Including	10.00	144.00	154.00	0.27	0.40
	Including	74.00	0.00	74.00	0.35	0.20
JMRC_037	384.00	384.00	0.00	384.00	0.20	0.20
	Including	16.00	120.00	136.00	0.21	0.48
	Including	20.00	184.00	204.00	0.30	0.34
JMRC_038	420.00	390.00	0.00	390.00	0.14	0.22
	Including	116.00	250.00	366.00	0.14	0.33
	Including	56.00	264.00	320.00	0.16	0.35
JMRC_039	432.00	432.00	0.00	432.00	0.27	0.35
	Including	258.00	120.00	378.00	0.32	0.46
	Including	118.00	190.00	308.00	0.30	0.52
JMRC_040	427.00	427.00	0.00	427.00	0.16	0.28
	Including	279.00	148.00	427.00	0.20	0.33
	Including	102.00	178.00	280.00	0.23	0.40
JMRC_041	391.00	no significant intercepts				
JMRC_042	150.00	no significant intercepts				
JMRC_043	436.00	no significant intercepts				
JMRC_044	204.00	no significant intercepts				
JMRC_045	400.00	no significant intercepts				
JMRC_046	400.00	12.00	130.00	142.00	0.31	0.32
JMRC_047	283.00	no significant intercepts				
JMRC_048	324.00	no significant intercepts				

** Complete results – partial results previously reported (May 11, 2006)*

Vicuña

Property Description and Location

The Vicuña Project encompasses the Los Caballos property and the Vicuña Concina property, which together (approximately 13,200 Ha) give a continuous extension of what will be Suramina's land position from the Batidero and Josemaria properties and west across to the Chile-Argentine border. The Vicuña Project is accessible from both Chile and Argentina. Roads provide ready access to the entire project area, from both north and south, along the international border.

On September 15, 1999, Tenke entered into formal option agreements with Phelps Dodge Corporation (successor corporation to Cyprus Amax Minerals) ("**Phelps Dodge**"), Cameco Gold Inc. ("**Cameco**") and Westward Explorations Ltd. ("**Westward**") to acquire a 100% interest in the Vicuna exploration concessions through a multi-year earn-in arrangement, consisting of minimum annual expenditures and the staged issuance of shares in the capital of Tenke to each of Phelps Dodge, Cameco and Westward.

As of December 31, 2001, Tenke had fulfilled its commitments to Cameco/Westward and earned a 100% interest in the Cameco/Westward concessions forming part of the Vicuna Project (Los Caballos). Tenke subsequently dropped the Chilean and Argentine portions of the Vicuna project that had been optioned originally from Cyprus (Concina).

In late 2002, Tenke was able to re-establish a portion of the Argentine property position from the underlying landowner (Concina) on new terms whereby Tenke could and after completion of the Arrangement, Suramina can acquire an initial 60% ownership interest in the property by making minimum exploration expenditures of US$100,000 and cash payments of US$550,000 to the landowner over five years, i.e. June 30, 2007. Following the initial earn-in period and at any time up to June 30, 2008, after completion of the Arrangement, Suramina may acquire an additional 15% ownership interest in the property in consideration for a cash payment of US$250,000 and may acquire the remaining 25% interest at any time up to December 30, 2009 in consideration for the sum of US$750,000. Suramina will also be required to make a final payment to the landowners of US$1.1 million within 30 months of plant startup.

In November 2004, Tenke entered into a joint venture agreement with Japan Oil and Gas Metals Corporation ("**JOGMEC**"), a Japanese government company. Pursuant to the agreement, JOGMEC has agreed to invest US$5 million over four years to earn a 40% interest in the Vicuna Project (including the Los Caballos and Concina properties, as well as certain other neighboring properties in San Juan and La Rioja Provinces in Argentina and staked ground along both sides of the border with Chile).

The Federal Law for Environmental protection passed in 1995 governs work carried out at Vicuna. The Vicuña project has presented a prospection-exploration environmental impact report to the Mining Department of San Juan Province, which is the governing entity, as required.

After continuous exploration for some seasons, the Vicuña Project can be classified as an extensive porphyry cluster (dioritic to microdioritic) with overimposed sections of epithermal (high sulphidation) systems, which are telescoped along regional NNE and WNW fracture systems. Overall copper and gold anomalous geochemistry is controlled by paths of intensive porphyry alteration (potassic and phyllic) as well as epithermal events, along the margins of the main intrusive systems. The development of the epithermal systems and the related circulation and mixing of meteoric and magmatic fluids has also resulted in exotic copper mineralization that is correlated with gold and silver oxide mineralization. Besides the Filo del Sol and Cerro Vicuña main targets, several other areas have been found to contain gold and copper in talus surveys.

Accessibility, Climate, Local Resources and Infrastructure

The Vicuña Project area is accessible through a series of dirt trails from the Pirca de Bueyes creek zone (Batidero Camp) along the southern portion of the project, specifically along the Mogotes Creek. Also, another trail system, allows access to the northern portion prospects, along the Rio Blanco.

Regionally, the Vicuña Project area is accessible during the period September through May each year, via dirt roads from the towns of Guandacol and Jagué in La Rioja Province. Both these localities are tied to the national paved road grid, at distances 180 and 200 km respectively from the property. Both these

towns are rural with main commercial and industrial activities based on agriculture and small farming. They have local power generation plants and are also linked to regional 133 kV grids.

The Vicuña region is comprised of rugged and high topography. Elevations at the project range between 4800 and 5500 metres above sea level. There are numerous steep +30° slopes, although the center and northern part of the project has some areas with rolling hills. The elevations at Vicuña are high, but there are large open valleys on both sides of the border that have ample space for processing facilities at more reasonable altitudes.

Geology

The Vicuña project occurs in the relatively unexplored "gap" between the two major gold belts along the Chile/Argentina border - the Maricunga Gold Belt to the north and the El Indio Gold Belt to the south. The geology of the gap area was poorly known until the mid-1990s when private sector exploration began to map and describe the regional geology. The Maricunga Gold Belt is 200 km long (from 26° to 28°) and ~30 km wide and contains at least 14 major prospects, including three operating mines and two substantial idle resources (Marte/Lobo and Aldebaran). The belt is comprised of a series of variably eroded stratovolcanos with associated dome fields ranging in age from 32 to 5 Ma (Vila and Sillitoe, 1991).

There are two major types of ore deposits in the region, "gold porphyry" deposits (of which several are cupriferous) and epithermal deposits. The gold porphyries are essentially high-level diorite / quartz-diorite porphyry systems of sheeted veins in the cupolas of shallow-injected stocks. These porphyries are the predominant deposit type in the Maricunga Belt. They are associated with potassic and sheeted silicic alteration, where the majority of the gold is contained within the veinlets. The sulfides in these deposits are predominantly pyrite, with only minor chalcopyrite, bornite, and molybdenite. The porphyry systems commonly have a halo of argillic alteration with associated pyrite. Several also have epithermal caps and/or epithermal alteration telescoped down onto the porphyry (i.e. Caspiche). The upper portions of some of these porphyry systems probably had their potassic core destroyed by late epithermal alteration (or argillic alteration). Ages of the Maricunga porphyry systems range from 23 to 12 Ma.

Jannas, et al. (1999) documented four basic types of high sulphidation epithermal gold-silver deposits in the El Indio belt to the south: vein systems (El Indio), tectonic/ hydrothermal breccias (Tambo), stratabound (Esperanza of Pascua district, and parts of Pascua) and disseminated/structural (Pascua). It is now known that the Pascua and nearby Veladero deposits are essentially diatreme breccia complexes that have been mineralized, commonly with the best mineralization within the breccia complex. At Pascua 1/3 of the ore is within a diatreme complex, but 2/3 of the gold is within the breccia (Heberlein, 2000). The age of mineralization in the El Indio Belt is believed to be mostly in the range of 6-8 Ma (Jannas, 1999, Heberlein, 2000), although Jones et al. (1999) indicated the age of mineralization at Veladero is 14 Ma. Benet (1995) indicated there were two periods of alteration /mineralization in the El Indio / Valle de Cura belt.

The complex geologic fabric of the region is the result of a combination of Paleozoic through Triassic accretion along the continental margin, overprinted by subduction of the Nazca Plate beginning in the Jurassic. The central Andes' basement was assembled in the late Paleozoic by accretion of the Coastal Terrane, the Chilenia Terrane, the Precordillera Terrane, and the Arequipa-Antofalla Craton. By Jurassic time the central Andean magmatic arc had progressed eastward, implying a process of "tectonic erosion" (instead of the more typical development of a fore-arc prism and trenchward progression of the magmatic arc). These successive magmatic belts were commonly associated with, or succeeded by, back-arc basins in Argentina. The region was cut by a series of arc-parallel transpressive strike-slip faults that also become progressively younger to the east. The region began to be deformed by a series of NNE to N-striking reverse faults in the Eocene and pulses of this style of deformation continued until at least the Late Miocene. The modern volcanic arc of the central Andes began in northern Chile at 26 Ma (Jordan et al., 1989, Coira et al., 1982, 1993) after rupturing of the Farallon Plate and subsequent increase in the

subduction rate during the Upper Oligocene. The Oligocene - Miocene Dona Ana Fm. volcanics are representative of the ~300 km long volcanic belt which runs from 26°S to 29°S along the Chile/Argentina frontier. This volcanic belt probably has progressed from north to south over time due to the effects of oblique subduction. These volcanics represent predominantly large, complex stratovolcanos of calc-alkaline to shoshonitic affinity.

The Maricunga - Vicuña - El Indio region has an anomalously shallow-dipping Benioff Zone, a feature that has been empirically tied to the most productive gold belts in the Andes. The shallowing of the subduction zone began ~ 20Ma, and continued until ~ 6 Ma when it reached the present angle of subduction. This phase is associated with important Au - Cu - Ag mineralization in much of the region (Mpodozis et al, 1995).

Exploration Activities

Exploration was carried out from September 2004 to April 2005 on the Vicuña Project area and its surroundings, pursuant to the joint venture agreement between Tenke and JOGMEC. Regional prospecting was carried out in areas located in the far SW of the Province of La Rioja, in the NW of the Province of San Juan and to the SE of Copiapó, in Chile. Selective programs of talus sampling on grids, lines and contour lines totaling 40 km, rock sampling, geological mapping, trenching and ground magnetics were undertaken over seven areas identified by Landsat colour anomalies. Of the seven targets examined, the Los Helados, Maranceles, Los Portones and Bermejo targets have been recommended for further exploration.

In the Cerro Vicuña sector, 30.4 km of IP-Resistivity and 29.4 km of ground magnetics were completed that was complemented by chip and talus sampling. The results indicated an extensive Au-Cu anomaly extending east and southeast of Filo del Sol and Cerro Vicuña. Strong magnetic anomalies over Cerro Vicuña indicated a typical porphyry system with flanks coinciding with epithermal "shoulders". Four of the five-hole 1,762 metre drill program were located at Cerro Vicuña (VRC-29 to 32) and one to the South of Filo del Sol (VRC-33).

Results for all five holes include:

VRC-29: 244 m @ 0.15 g/t Au; 0.15 % Cu (Partial)
VRC-30: 60 m @ 0.19 g/t Au; 0.10 % Cu (Partial)
VRC-31: 326 m @ 0.125 g/t Au; 0.10 % Cu
VRC-32: 362 m @ 0.065 g/t Au; 0.026 % Cu
VRC-33: 374 m @ 0.25 g/t Au; 0.29 % Cu; 12 g/t Ag
includes 30 m (64-94) @ 0.42 g/t Au
58 m (30-88) @ 0.63 % Cu
26 m (110-136) @ 87.88 g/t Ag
20 m (360-380) @ 0.41 g/t Au; 0.40 % Cu

At Cerro Vicuña most of the holes intercepted a potassic core. Primary mineralisation, chalcopyrite and chalcocite, varies between 0.1% and 0.4% Cu. Secondary mineralization values reach 0.4% Cu in horizons of different thickness and wall lithology. VRC-33 was drilled between holes VRC-27 and VRC-20 south of Filo del Sol intercepting the Filo del Sol copper oxide mineralized zone.

The 2005/06 exploration season commenced in October. Geophysical surveys and talus sampling were undertaken at Los Helados and geophysical surveys at Filo del Sol. A deep drillhole at Filo del Sol (VRC-34) began on December 16, 2005 with a reverse circulation drill (to 250m) that was finished with a diamond drill (to depth).

The 2005/2006 exploration season focused on four areas: Filo del Sol, Maranceles, Portones and Anomaly 10 (Qda. Bermejo). A talus fine sampling program was carried out, covering approximately 10 line-km, followed by approximately 46 km of IP-resistivity and 40 km of ground magnetics. A 1,630 m reverse circulation drill program was completed with four holes at Filo del Sol and one at Maranceles. At Filo del Sol, 28.45 m of diamond drilling was performed as an extension to VRC-34 before operational problems were encountered and the hole suspended. Highlights from this Filo del Sol drill program follow:

2005/2006 Exploration Season Highlights: Filo del Sol

Hole	From (m)	To (m)	Interval (m)	Au (g/t)	Cu %
VRC-34	0	250	250	0.24	0.23
incl.	108	250	142	0.36	0.39
incl.	100	178	78	0.56	0.52
VRC-35	0	324	324	0.48	0.29
incl.	40	50	10	0.46	0.03
incl.	110	130	20	0.37	0.22
incl.	196	238	42	0.32	0.82
incl.	244	262	18	0.77	0.67
incl.	268	292	24	1.80	0.35
incl.	278	324	46	1.18	0.25
VRC-36	0	400	400	0.35	0.38
incl.	62	74	12	0.61	0.20
incl.	100	120	20	0.20	0.98
incl.	182	196	14	0.22	0.86
incl.	298	400	102	0.51	0.31
VRC-38	0	456	456	0.33	0.27
incl.	2	24	22	0.84	0.01
incl.	172	198	26	0.33	0.31
incl.	228	356	128	0.46	0.40
incl.	244	272	28	0.64	0.76
incl.	420	456	36	0.36	0.44

During the 2006-2007 exploration season, JOGMEC expenditures on the property package were focused on two previously undrilled areas - Cerro Blanco and Los Helados projects and no work was performed on the Vicuna property targets.

Los Helados

Property Description and Location

The Los Helados target is located within 100% owned property (5280 Ha) claimed in 2004/2005, which are subject to an earn-in agreement with JOGMEC, in Chile along the Chile/Argentina border. The claim group is adjacent to what will become the property interests of Suramina in Argentina, namely Vicuña, Josemaria and Chola. Los Helados is located in the Atacama Province of northern Chile, with easy access from the city of Copiapó (2.5 hrs drive). The project is located several kilometers south of the leachable copper project called Regalito.

In November 2004, Tenke entered into a joint venture agreement with JOGMEC. Pursuant to the agreement, JOGMEC has agreed to invest US$5 million over 4 years to earn a 40% interest in the Vicuña Project (including the Los Caballos and Concina properties, as well as certain other neighboring

properties in San Juan and La Rioja Provinces in Argentina and staked ground along both sides of the border with Chile).

The project area comprises Permo-Triassic granitoids that host a sequence of Cretaceous to Upper Tertiary intrusives, which have resulted in extensive alteration zones related to a calkaline series of porphyries. At Los Helados, a large geochemical anomaly (2.5 x 1.5 km) has overlapping anomalous Cu, Au and Mo talus geochemistry.

Accessibility, Climate, Local Resources and Infrastructure

The Los Helados target is accessed, between September and May, from Copiapó by highway C35, past Los Loros, La Guardia and Iglesia Colorada. The distance from Copiapó to the border is 170 km and requires 2.5 hours to drive. The Los Helados camp is located 18 km to west of the border.

Copiapó is the capital of the III Region of Atacama and of the province of Copiapó with approximately 150,000 inhabitants. Copiapó is also a service center for a rich silver and copper mining district.

Located in the front ranges of the Andes, the topography is rugged with elevations ranging between 4400 and 5000 metres above sea level.

History and Previous Work

From 2002 to 2004, Tenke expanded its mineral holdings in the region primarily through option agreements. However, during 2004 and 2005, Minera Frontera del Oro (MFdO) claimed an area in Chile of 5,280 Ha along the Argentine border continuous with the Vicuña, Josemaria and Chola properties. The area was claimed to cover targets generated by interpretation of satellite imagery and to provide continuous coverage of prospective geology across the international border. Prior work at the project was limited to regional reconnaissance.

Geology

In the vicinity of the Los Helados target, the Permo-Triassic basement is composed of granitoids of the Chollay Unit and rhyolite and andesite volcanics of the Pastos Blancos Formation of the Choiyoi Group. These lithologies have been intruded by Tertiary granodiorite and diorite porphyries, Vicuña complex intrusives and basalt dikes. Los Helados is marked by a dilation zone of high angle, inverse faults with dextral displacement. The alteration types observed includes: silicification, phyllic, argillic, and propylitic in a zone covering approximately 4.5 km^2.

Exploration Activities

The 2005-2006 exploration season included geologic mapping and sampling, trench mapping and establishment of a talus sample grid, which was also used for geophysical surveys. The talus samples were collected at 226 stations (five, 20m samples per station) over five north-south and ten east-west lines that covered alteration zones interpreted from satellite imagery. Anomalous gold, copper and molybdenum geochemistry was returned by the sampling. The average gold assay was 0.121 ppm with a maximum value of 2.28 ppm. The samples also returned an average copper assay of 204.8 ppm with a maximum value of 1,695 ppm. The geophysical surveys consisted of 22 line-km of IP-resistivity and ground magnetics. The program generated two primary targets defined by the talus sample results and supported by the geophysics: Los Helados and La Herradura. The Los Helados target has maximum copper values associated with potassic altered porphyry.

The focus of the 2006-2007 exploration season was drill testing the geochemical and geophysical targets at Los Helados with approximately seven holes.

At Los Helados, a large geochemical anomaly (2.5 x 1.5 kilometres) has been defined by surface mapping and sampling showing overlapping Cu, Au and Mo talus values. This large geochemical anomaly also corresponds with a significant geophysical anomaly, both in ground magnetics and chargeability-conductivity which was the focus of an initial seven hole – 1,670 metre RC drill program during the recently completed high-Andes 2006/2007 exploration season.

Results of this first phase of drilling have indicated a large porphyry system with overlying epithermal zones. Mineralization and alteration are similar to the assemblages found at Tenke's Josemaria Project several kilometers to the east. It is anticipated that further drilling will be done later this year for the Los Helados project. Highlights of the drilling at Los Helados are shown in the attached table.

Los Helados Drill Results

Hole#	Depth (m)	Interval (m)	From (m)	To (m)	g/t Au	% Cu
VRC 40	300	300	0	300	0.229	0.225
		12	60	72	0.624	0.370
including		18	220	238	0.243	0.310
		52	246	298	0.390	0.500
VRC 41	300	300	0	300	0.290	0.290
		12	42	54	0.489	0.390
		22	76	98	0.345	0.330
including		38	116	154	0.311	0.350
		54	168	222	0.436	0.370
		72	228	300	0.215	0.360

Yamiri – El Potro (the "Sillimanita Project")

Property Description and Location

The Sillimanita Project is located in the most southwestern corner of La Rioja Province, Gral Lamadrid department, four km north of the Josemaria Project on the north margin of Rio Blanco, Argentina. The project is located within the El Potro porphyry property that comprises over 8,000 hectares.

Deprominsa entered into an option agreement with Yacimientos Mineros Riojanos S.A. ("**Yamiri**") in April 2005 to acquire a 70% interest in the El Potro property. The agreement requires over all expenditures of US$2.8 million and cash payments totaling US$1 million over an earn-in period of five years. Upon earn-in, the parties will form a joint venture to finance further exploration in proportion to their respective interests. The agreement also provides that in the event a party is diluted to a 5% interest or less, its remaining rights will be converted into a 1% NSR, which can be purchased by the other party for US$5 million. In the event a decision to build is reached, Yamiri is entitled to receive a payment of US$1 million.

The Sillimanita Project is hosted in similar Permo-Triassic and Tertiary intrusive-volcanic complexes as the Josemaria Project. Strong potassic and phyllic alterations have been observed at the project, in line with similar geological rock and alteration assemblages at Josemaria. Previous sampling and initial geophysics have outlined a copper/molybdenum system, rich in stockworks with strong silicified and sulphide (molybdenite) veining, and a lateral silica cap.

Accessibility, Climate, Local Resources and Infrastructure

The Sillimanita Project area is accessible during the period September through May each year, via dirt roads from the towns of Guandacol and Jagué in La Rioja Province. Both these localities are tied to the national paved road grid, and are distant to the property 175 and 195 km respectively. Both these towns are rural with main commercial and industrial activities based on agriculture and small farming. They have local power generation plants and are also linked to regional 133 kV grids. The project is served by a 70 man camp, located at the Pirca de Bueyes Creek, some 12 km to the SSE. Logistic support is based out of the city of San Juan, San Juan province approximately 10 hours drive from camp by four-wheel drive pick-up.

The climate is cold and windy, typical of the high Andes. Terrain varies from broad flat alluvial planes one km or more in width, to rounded ridges and peaks of varying steepness. Colluvial cover thickens on lower slopes.

The primary exploration field season runs from October to April, however once a significant discovery is made, it is possible to maintain site activity throughout the winter through provision of adequate snow removal equipment and other normal winter program measures.

History and Previous Work

Previous work on the Sillimanita Project has been limited to regional reconnaissance and there have been no significant exploration projects previously on this land position.

Geology

The Sillimanita Project is hosted by Permian-Triassic Carnerito Formation granites and granodiorites of the Choiyoi Group with Tertiary intrusive-volcanic complexes. Strong potassic and phyllic alterations have been observed at the project. Sampling and initial geophysics have outlined a copper/molybdenum system, rich in stockworks with strong silicified and sulfide (molybdenite) veining, and a lateral silica cap.

Exploration Activities

The 2005/2006 exploration program undertook geologic mapping, collection of 351 talus samples from the Yamiri properties, with the majority from the El Potro properties, IP-resistivity and ground magnetic geophysical surveys and drilling at the Sillimanita target. The copper and molybdenum anomalies were refined and expanded by the results. In addition to providing coverage of the Sillimanita target, the IP-resistivity and magnetic survey coverage was extended southward to provide continuity with surveys at the Josemaria project. The four hole drill campaign consisted of three reverse circulation holes totaling 1130 m and one diamond drill hole of 494.45 m.

2005/2006 Exploration Season Highlights

Hole	From (m)	To (m)	Interval (m)	Au (g/t)	Cu %
SRC 01	0	353	353	0.030	0.104
incl.	4	40	36	0.059	0.383
SRC 02	0	400	400	0.010	0.059
incl.	294	302	8	0.007	0.281
SRC 03	0	377	377	0.012	0.199
incl.	62	90	28	0.032	0.388
incl.	192	200	8	0.018	0.395
incl.	264	278	14	0.019	0.593
incl.	310	320	10	0.010	0.359
SDDH-01	0	494.45	494.45	0.019	0.124
incl.	39	55	16	0.037	0.324
incl.	117	124	7	0.047	0.332

The 2006/2007 program comprised additional geophysics and drilling of a gold talus anomaly to the W-SW of last season's drilling. Recent anti-mining legislation in LaRioja Province has since caused a suspension of work on these properties until a better resolution is reached with the government.

Las Flechas Project

Property Description and Location

In March 2004 Tenke entered into an agreement with Viceroy Exploration Ltd. ("**Viceroy**") pursuant to which Tenke could acquire a 75% interest in the Las Flechas Project through pre-agreed minimum annual exploration expenditures aggregating US$4.5 million over 5 years. In mid 2006 Tenke signed an agreement with CVRD to enable them to earn a 52.5% interest by investing $7 million on the Las Flechas and TNR Northern Properties over a four year period.

The Las Flechas Project comprises nearly 30,000 hectares at a mean elevation of 4,200 metres above sea level, is located in the Iglesia Department, northwestern San Juan Province, Argentina. The project is 7.5km south of the Vicuña Project, 34 km south of the Batidero Property and is bound to the west by the Chilean border. The Las Flechas project is located 50 km NE of the Veladero and Pascualama projects and 120 km from the gold-bearing El Indio district, in a transitional area between the El Indio belt and the Maricunga Belt (Cinturón de Maricunga). This area is found in the geological area of the Front Cordillera, which stretches for over 600 km along the international border, where porphyritic and epithermal gold and silver deposits are located, among others.

The Las Flechas district is favorable for hosting high and low sulphidation epithermal deposits that may overlap porphyry-type deposits. The East Cerro Dante and West Cerro Amarillo sectors are the primary exploration targets at this time.

Accessibility, Climate, Local Resources and Infrastructure

The roads used to access the area are the same as those that lead to the Batidero Property. The project area is accessible from September through May by dirt roads from the towns of Guandacol and Jagué in La Rioja Province that are connected to the city of San Juan by paved route N40. In total, the project is 495 km by road from San Juan. Guandacol and Jagué are rural centres with main commercial and industrial

activities based on agriculture and small farming. They have local power generation plants and are also linked to regional 133 kV grids.

The route to the Las Flechas Project runs from the road leading to the Mogotes camp (IMA) and along the Macho Muerto ravine, up to the intersection with the El Inca ravine, where the camp and worksite are located.

An alternative way to access the site without passing by the Batidero Property is to follow the path west of the La Brea camp and make a detour to the south after 10 km, traveling 30 km along the Macho Muerto River up to the Las Flechas camp. The hydrographic network is composed of three main rivers that flow from different basins. The Macho Muerto and El Inca rivers flow from the Río Blanco basin, and the Rincón de la Flecha River flows from the La Sal/La Palca basin

Suramina will be able to take advantage of existing access roads within the concession left from previous exploration in the area.

The climate of the area is typical of the Cordillera (windy, cold and snowy), practically limiting early stage exploration from September to April.

Geology

The basement rocks in the exploration area are composed of carboniferous sediments and volcanics and Permo-Triassic intrusives (Choiyoi Group). Volcanic and sub-volcanic Tertiary rocks also outcrop in this area. The coverage consists of Quaternary sediments. The Tertiary volcanic rocks host hydrothermally-altered areas with potential epithermal gold deposits.

The project is very complex in structure, as is typical of the Front Cordillera, with folds and inverse faults juxtaposing fractured blocks in imbricate structures. In general, the lineaments run sub-meridionally and are intersected and cut off by nearly normal N-W, W-NW and N-E trending faults. This faulting and fracturing controls the location of the hydrothermally-altered areas. Caldera-type circular structures also exist such as Los Gemelos. The project is situated within this structural framework that predominate the region.

The main gold anomalies are associated with siliceous alteration, which in turn results from structural control. The Target A1 at Cerro Dante is interpreted as a high sulphidation epithermal system, with potential for hosting a gold/silver deposit. Likewise, Target A2, Los Gemelos, has been classified as a Quartz + Enargite + Au epithermal system similar to El Indio, Tambo and Socarrón deposit types.

Exploration Activities

The 2005/2006 work program entailed geochemical sampling, geologic mapping, geophysics, trenching and drilling at the Cerro Dante and La Aparecida targets. A total of 525 composite talus samples and 506 rock samples were collected and analyzed. At Cerro Dante, 23 km of IP-resistivity and 1.1 km of trenching were completed. Programs at La Aparecida included 27 km of IP-resistivity, 23 km of ground magnetic surveying and 2.3 km of trenches.

The reverse circulation drill program at Las Flechas totaled 1,325m in five holes, 692m and 633m at Cerro Dante and La Aparecida respectively. The best drill intercept was returned by CD-RC 01 at Cerro Dante with 126m of 0.12 g/t Au and 0.12% Cu, and 192 m of 0.3% Zn, including 30 m of 0.7% Zn.

The 2006/2007 exploration program included 2,300 metres of reverse circulation drilling. Drilling took place at Cerro Dante, and at La Aparecida and Cerro Amarillo. Geophysical surveys included, IP-resistivity and 40 line-km of ground magnetics.

Batidero Project

Property Description and Location

The Batidero Project is located in northern San Juan Province, Argentina, at an altitude of about 4,000 to 4,900 metres. The property lies on the northern continuity between the El Indio Gold Belt and the Maricunga Belt, covering an area of 4,900 hectares. The property is located immediately east of the Vicuña Project and is geologically linked to the Josemaria porphyry systems located to the NNW.

The Batidero Project comprises a set of high and low sulphidation epithermal anomalies identified from previous prospecting, which are regionally related to porphyry intrusives of Tertiary age. The main targets show strong silicification and brecciation with correlative talus gold and copper anomalies. The host sequences at the base of the system show dacitic to rhyodacitic fiamme tuffs, with high permeability, which is one of the main conditions for widespread mineralization potential in these belts.

In July 2002 Tenke entered into an option agreement with TNR Gold Corp. ("**TNR**") for Deprominsa to acquire a 75% interest in the Batidero Property through expenditures totaling CDN$1.5 million over four years and the issuance of up to 100,000 shares in the capital of Tenke. In June 2004, several other properties, known as the "Northern Properties" (referred to as the "**Ranchillos Project**") were annexed to the original contract. In this context, the investment requirements were increased to CDN$2 million over four years and the share issuance was increased by an additional 50,000 shares. The project is not subject to any types of royalties, except for the provincial mining royalties that are capped at 3% of the value of the ore at the mouth of the mine.

The Federal Law for Environmental protection, passed in 1995, sets the requirements for the project activities. In accordance with statutory requirements, a prospection-exploration EIR was submitted for Batidero and this submission is continuously updated with each season's information to the Mining Department of San Juan province, which is the controlling entity.

Accessibility, Climate, Local Resources and Infrastructure

The project area is accessible during the period September through May each year, via dirt roads from the towns of Guandacol and Jagué in La Rioja province. Both these localities are tied to the national paved road grid and are distant to the property 160 and 180 km respectively. Both these towns are rural with main commercial and industrial activities based on agriculture and small farming. They have local power generation plants and are also linked to regional 133 kV grids.

The climate is cold and windy, typical of the high Andes. The primary exploration field season runs from October to April.

Geology

The Batidero Project, consists dominantly of sub horizontal N-S units of dacites and ignimbrites (welded tuff) with dips of 25° to the east and west respectively. Lesser units on the property consist of andesitic lava, scattered andesite porphyry, microdiorites dykes and stocks. These geological units may be correlated to the Doña Ana formation; hence all are most probably of Tertiary age. The area is structurally controlled by at least three major NW-SE (330°), ENE (40°) and N-S faults, which mostly control the alteration and mineralization at the project. The linear NW-SE Arroyo Pirca de los Bueyes, river valley, in the southern portion of the property is apparently controlling the alteration in the NW portion of the property and extends outside of the property. The middle NW-SE linear zone host mostly the low/high gold grade sulphidation veins as well as the alteration located in the central part of the property. The NW-SE linear zone in the north appears to be controlling the anomalous stockwork-quartz veining gold zone. The N-S trend divides the alteration areas of high sulphidation style to the west and areas of low

sulphidation veining and breccias to the east. Finally, the 40° linear zones affect the hydrothermal breccias in the southeastern side of the property.

The high sulphidation style alteration is predominantly strongly developed argillic alteration which contained small to large areas of advanced argillic alteration (seen as weakly to strongly developed quartz-alunite and local massive silicification and brecciation). Narrow fractures show evidence of malachite, chalcocite and probably enargite and scorodite. The high sulphidation alteration outcrops were found in three separated areas, which maybe interconnected. The smaller zone, to the south, is approximately 800 m in diameter, the middle zone is approximately 1,500 metres by 800 metres and located to the southwest corner of the property and the bigger zone is probably 1,500 metres by 2,500 metres in size and located in the central portion of the property and possibly connected with the smaller zone. The hydrothermal breccias in the southeast also present evidences of a high sulphidation system. The alunite varies in texture from finely crystalline matrix and phenocrystal replacement to moderate crystalline cavity fill and veinlet. Vein alunite is common in the silicified rock, in the northwest alteration zone, and native sulphur is also present.

Quartz veining is present over much of the east side of the property. The veining is widely scattered and or localized as vein swarm within an approximate 1.5 x 3.5 kilometres area. The veins vary from centimetres to 1.3 meter wide. The quartz is often banded, drussy, brecciated and vuggy in some places. Malachite, azurite and some turquoise can also be seen as well as jarosite, hematite and goethite. The southeastern portion of the property shows a series of hydrothermal breccias, some of which are indubitable outcrop and others maybe contaminated by tillite or may represent debris of the original outcrops. These breccias are mostly monolithic though some are hetherolithic (rhyodacite silica replaced), with clast of banded/amorphous silica and matrix of hematite, goethite and occasionally jarosite. The clasts often contain native sulphur. At least three pulses of silicification can be recognized in these breccias.

Exploration Activities

Due to the lack of results from the 2004/2005 and 2005/2006 drilling at the southern margins of the Josemaria mineralised zone, ongoing expenditures on the Batidero property are limited to care and maintenance to keep the property in good standing.

Mendoza Province Projects

Suramina will have an extensive mineral property position in Mendoza Province with a number of highly prospective copper/gold porphyry targets. Unfortunately, during 2005 political/environmental lobbies prior to fourth quarter provincial elections caused controversy over exploration in the area around Papagallos and the Province reacted by extending a park boundary over the property. It is anticipated that Suramina will continue to proceed formally with the provincial and federal authorities to try to resolve this problem. Further to the north, an effective lobby by a competing business in the area of the Paramillos project effectively suspended Tenke's ability to advance drilling and this is still being resolved with the authorities. An appeal to the Federal Courts presented in 2005, was denied (March 07), on the basis that the Federal Court claimed to have no authority in the matter. The issue is to be resolved by the local Courts of Mendoza. Force Majeure has been claimed to suspend the obligations on the Papagallos and Paramillos agreements until the problems are resolved. Also in Mendoza, exploration has advanced one property near the Chilean border, just east of the Chilean El Teniente mine. Mapping and sampling progressed on a high grade copper target and an environmental exploration permit has been obtained to enable road construction and a first phase of drilling next season.

Paramillos Project

Property Description and Location

Force Majeure has been declared by Tenke on the property due to blockages by the Mendoza Provincial authorities and third parties.

Deprominsa entered into an agreement with Minera del Oeste ("**MIDO**") in March 2005 pursuant to which Deprominsa may acquire an 80% undivided interest in the Paramillos Project through annual exploration expenditures aggregating US$2.3 million over 7 years and option payments to MIDO aggregating US$783,000 over 5 years. MIDO was also issued non-transferable share purchase warrants entitling them to purchase up to 500,000 shares in the capital of Tenke at an exercise price of CDN$4.85/share, all of which have been fully exercised. Deprominsa has the opportunity to purchase the remaining 20% interest in the property for an additional payment of US$13 million to MIDO who will retain a 3% net profits interest.

The Paramillos Project consists of two separate mineral right packages in close proximity - Paramillos Norte and Sur, totaling approximately 45 km^2 of mineral concessions. The properties are located in the foothills of the Andes, in northwestern Mendoza Province, Argentina, at an elevation of about 2900 metres above sea level. The project is located 50 km NNW of the city of Mendoza.

The Paramillos Project is an advanced copper/gold exploration target that can be worked year round. Exploration and drilling under a United Nations program in the 1960's showed that the Paramillos Project has the potential for large scale copper oxide and copper/gold/molybdenum sulphide mineralisation. The district forms part of a series of Tertiary porphyries and the properties consist of several different mineralised sectors including:

- The Paramillos Sur copper/moly porphyry, with breccias from the same volcanic complex.
- The Paramillos Norte sector containing gold veins, breccia pipes and secondary copper mineralisation with enriched zones.

Since the property was explored through the UN program it has been tied up in property ownership disputes. Recently the main property ownership issue was substantially resolved through several decrees by the government of Mendoza. Deprominsa has finalized its agreements with the confirmed mineral rights owner - MIDO. There are a limited number of property title issues remaining that are expected to be resolved, consistent with the decrees.

Accessibility, Climate, Local Resources and Infrastructure

There is good access from a provincial highway north of the city of Mendoza via partially paved roads on route 7. Due to its lower altitude and dry climate, the project can be worked year round. There is no existing infrastructure on the property, but in relative terms, regional infrastructure is ideal given its proximity to the city of Mendoza.

Geology

The Paramillos District is located within a back-arc basin of the Cordillera de Los Andes and tectonically associated with a longitudinal valley that margins the Cordillera Frontal to the east. A series of Tertiary porphyries occur in the district: the San Jorge porphyry (361 Mt at 0.39% Cu and 0.18 g/t Au); the Yalguaraz porphyries; and the Paramillos Sur porphyry. Other mineralized areas include: the Cortaderas vein District; Grupo Oro del Sur veins, Paramillos de Uspallata vein system and Mantos del Cobre breccias peripheral to the Paramillos Sur porphyry; Paramillos Centro breccia and vein system; and Paramillos Norte breccias and intrusions.

Exploration Activities

In 2005, Tenke undertook a program to review previous exploration data and initiate exploration prior to drilling. Core available from the UN drill program at Paramillos Sur (drillholes 1 to 25, except 24) has been re-logged (4,652 metres) and re-assayed (4,100 metres). Talus samples and 85 chip samples have been collected at Paramillos Sur and Norte. Two samples returned 5.42% and 2.36% Cu at Paramillos Norte, while two samples returned 0.34% and 0.10% Cu and 0.46 g/t Au at Paramillos Sur. A total of 72.1 line-km of IP/Resistivity and 118 line-km of ground magnetic surveys have also been completed.

Drilling

During the second quarter of 2006, a drilling program was started, but shortly thereafter was suspended, as the lobby against exploration in the area by a competing business remains a challenge. Work will remain halted until the situation is resolved and force majeure can be lifted. Accordingly, Tenke wrote off all costs incurred on the project to-date.

Patagonia Projects

Cerro Cuadrado Property

Property Description and Location

The Cerro Cuadrado Project is located in northwestern Santa Cruz Province, within the Patagonia region of Argentina, The distances from the cities of Comodoro Rivadavia and Bariloche are 600 km and 1000 km respectively. Cerro Cuadrado is located on the El Lago property (6972 Ha), claimed in 2002, within a larger property position of 28,730 Ha, which includes the El Bagual Project. Cerro Cuadrado is 8 km northwest of the El Bagual Au-Ag project, which was previously drilled by Tenke. These properties will be 100% owned by Suramina.

The topography of the region is relatively smooth, with hills and mountain ranges dissected by fluvial, glacial valleys. Elevation ranges between 450 m and 679 m, at the summit of Cerro Cuadrado. Nearby Lake Pueyrredón is at an elevation of 200 m.

The property contains a high grade epithermal silver/lead/zinc vein system with associated breccias, which has been identified over a 6.3 km strike length.

Accessibility, Climate, Local Resources and Infrastructure

Access from the city of Commodore Rivadavia is by Provincial Route N°12 to Pico Truncado and then Provincial Route N°43 to Perito Moreno, a distance of 400 km. Alternatively, Perito Moreno may be reached by National Route N°40, from Bariloche, a distance of 800 km. From Perito Moreno, the property is reached by traveling south on National Route N°40 for 110 km to the intersection of Provincial Route N°41, heading toward Passo Roballos for 60 km and then deviating south for 30km to Lago Posadas.

The project is situated at an elevation of 600 metres above sea level, which allows for year round exploration. Neither snow accumulations nor extremely low temperatures deter exploration.

Geology

The regional geology is comprised of a basement of Devonian to Carboniferous metagreywackes, shales, quartz phyllite, and metarudite of the Río Lácteo Formation. The metasediments, which display a low degree of deformation, form the Palaeozoic basement of the Southern Patagonian mountain range.

Overlying the basement rocks at an angular unconformity or tectonic contacts is the Jurassic Complex El Quemado, which is composed of ignimbrites, breccias, volcanic agglomerates, tuffs, rhyolitic-dacitic flows, andesite flows and some sandstone and conglomerates. This sequence can be up to 800m thick, but is typically in the order of 300m.

Cretaceous marine sediments of the Pueyrredón Group include the Springhill, Rio Mayer and Rio Belgrano formations, which lie unconformably upon the Complex El Quemado. The Group is typically 450m thick. Stratigraphically higher is the Cretaceous San Martin Group, which is comprised of continental sediments of the Río Tarde, Kachaike y Cardiel formations. The Rio Tarde Formation is predominant in the region.

Upper Cretaceous to Lower Tertiary intrusives are present regionally. Andesite and diorite intrusives are located at Cerros Negro (Río Ghío), Colmillo, Indio and Negro. Intrusives of the Complex Plutónico Cerro San Lorenzo are located at Cerro San Lorenzo and Cerro Principio. These intrusives comprise: granite, granodiorite, tonalite and rhyolite and andesite dykes.

At Cerro Cuadrado, andesite flows and lithic to brecciated tuffs are exposed in the north and northwest. These rocks are overlain by pyroclastics composed of dacite to rhyolite, lithic to porphyritic tuffs with maximum exposed thickness of 200m. The sequence is crowned by 100m thick acidic flow ignimbrites.

Vein hosted mineralisation is found in structures that vary from 0.2m to 6m, averaging 0.5m to 0.8m of saccharoidal microcystaline quartz with chalcedony. In the overlying flow ignimbrites and acidic tuffs, the structures vary between 0.6m to 7m and are composed of low temperature quartz, gray to gray greenish opaline and reddish-purple hematitic jasper, with lesser translucent saccharoidal microcystaline quartz.

Exploration Activities

Between August and October of 2005 and during September and October of 2006, a system of veins, 6.3 km in length, with individual veins widths averaging 2.3 m, were mapped and sampled. A total of 288 samples were taken from veins and breccias. The assay results returned silver values averaging 135 g/t with a maximum value of 3,160 g/t. Assays averaged 0.22% with a maximum value of 3.8% for lead and averaged 0.16% with a maximum of 3.6% for zinc. Gold results returned an average of 53 ppb and a maximum of 1.15 g/t.

In late 2006, Tenke carried out an extensive sampling and mapping program on the property which outlined a sizeable target area. Mineralization occurs over a strike length exceeding 6 kilometres with widths averaging 1.5 metres and up to 7 metres. Channel samples averaged 130 grams per tonne silver from 250 samples. Tenke followed up on these results with an initial scout drilling program comprising approximately 546 metres of core drilling in seven holes. An expanded exploration program is now being developed based on the positive results received including geophysics and detailed mapping as a basis for the next phase of drilling anticipated to occur later this year. Highlights of the recent drilling program are shown in the attached table.

Cerro Cuadrado
Santa Cruz Province, Argentina - Drill Results

Hole #	Depth (m)	Interval (m)	From (m)	To (m)	Ag (g/t)	Zn (%)	Pb (%)	Au (g/t)
CC-01	81.00	2.05	23.00	25.05	338	4.77	2.63	0.23
including		1.55	23.50	25.05	494	7.08	3.88	0.34
		2.30	70.30	72.60	79.6	11.26	1.03	<0.1
including		1.40	71.20	72.60	111.1	15.55	1.44	0.13
CC-02	69.20	3.30	21.90	25.20	84.05	2.71	0.64	0.18
including		2.60	22.60	25.20	96.46	3.02	0.66	0.18
		0.90	51.50	52.40	38.90	2.06	1.91	<0.1
CC-03	64.30	4.45	24.45	28.90	18.80	1.93	0.60	<0.1
including		2.35	26.55	28.90	20.95	3.10	0.99	<0.1
		0.40	49.30	49.70	28.60	4.55	1.42	0.13
		1.60	60.40	62.00	10.10	1.16	0.30	0.12
CC-04	75.20	0.50	34.60	35.10	14.10	1.79	0.57	0.12
		0.95	72.05	73.00	9.60	1.06	0.20	0.17
CC-05	81.30	3.70	23.70	27.40	172.00	0.61	0.33	<0.1
including		0.55	25.45	26.00	229.00	0.86	0.68	0.03
		1.80	41.00	42.80	190.00	1.95	0.4	<0.1
including		0.90	41.40	42.30	441.00	4.34	0.84	<0.1
CC-06	66.10	0.25	15.10	15.35	63.90	7.65	4.58	0.27
		0.50	34.90	35.40	10.10	1.51	0.67	<0.1
CC-07	108.45	1.00	26.05	27.05	53.00	2.19	0.92	<0.1
		0.50	56.10	56.60	1880.00	2.18	1.28	<0.1
		1.70	69.45	71.15	8.10	3.8	1.08	<0.1
		1.40	94.50	95.90	270.00	0.43	0.34	<0.1

Drilling

Based on the successful sampling program, a phase-one drill program commenced in January of 2007. The program totaled 545.55m in seven holes.

Other South American Properties

Suramina will hold extensive mineral properties in San Juan, Mendoza, Rio Negro, Chubut and Santa Cruz Provinces (which were predominantly acquired through staking). Holding costs are expected to be relatively low for the next few years. Tenke did initial geologic reconnaissance on many of these properties and in some cases low cost scout drilling has been conducted to assess the potential of such properties. Formal exploration programs will be mobilized on each of these as time and resources permit, balanced with priorities on what will be Tenke's more advanced South American projects.

Risk Factors

Suramina's projects will be subject to various risks and uncertainties, including but not limited to, those listed below. Unless the context indicates or implies otherwise, references in this section to the "Suramina" include Suramina and what will be Suramina's subsidiaries:

Exploration and Development

Suramina's properties in South America will be in the early exploration stages only and will be without a known body of commercial ore. Development of these properties will follow only upon obtaining satisfactory exploration results. Mineral exploration and development involves a high degree of risk and few properties that are explored are ultimately developed into producing mines. There is no assurance Suramina's mineral exploration activities on these properties will result in any discoveries of new bodies of commercial ore. There is also no assurance that even if commercial quantities of ore are discovered that a new ore body would be brought into commercial production. Discovery of mineral deposits is dependent upon a number of factors, not the least of which is the technical skill of the exploration personnel involved. The commercial viability of a mineral deposit once discovered is also dependent upon a number of factors, some of which are the particular attributes of the deposit (such as size, grade and proximity to infrastructure), commodity prices and government regulations, including regulations relating to royalties, allowable production, importing and exporting of minerals, and environmental protection. Most of the above factors are beyond the control of Suramina.

Exploration to date at the Josemaria and Vicuña Projects has produced a series of advances and confirmation on the potential of the region to be classified as a new porphyry belt in Argentina, with numerous newly identified gold-copper systems associated with similar types of intrusive geology and alteration. Very favorable copper and gold mineralization surface results have been obtained along this belt and there is optimism that additional drilling will result in identification of mineralized resources. However, at a district scale, the region is a new frontier and much further work is required and results could vary considerably. Suramina will own a large portfolio of properties in this region, and it is anticipated that Suramina will dedicate significant exploration funds toward several properties which are at a very early stage with mineral potential unknown at this point, although these new projects are considered highly prospective.

Many of the concessions are at high altitude, and exploration periods are relatively short due to the severe high Andes winter. Therefore ongoing exploration will be relatively costly, and will require careful planning and specialized staff and contractors to successfully manage successive phases of work. Suramina will have projects spread throughout the country and given this geographical diversity, exploration is possible year round.

Calculation of Reserves and Mineralization

There is a degree of uncertainty attributable to the calculation of reserves and mineralization and corresponding grades being mined or dedicated to future production. Until reserves or mineralization are actually mined and processed, the quantity of mineralization and reserve grades must be considered estimates only. In addition, the quantity of reserves and mineralization may vary depending on commodity prices. Any material change in quantity of reserves, mineralization, grade or stripping ratio may affect the economic viability of what will comprise Suramina's properties.

Infrastructure

Mining, processing, development and exploration activities depend, to one degree or another, on adequate infrastructure. Reliable roads, bridges and power and water supply are important determinants that affect capital and operating costs. Unusual or infrequent weather phenomena, sabotage, government or other interference in the maintenance or provision of such infrastructure could adversely affect Suramina's activities. Suramina's projects will be in relatively remote locations therefore subject to infrastructure risk.

Title Matters

Tenke investigated its right to explore and exploit its properties that are included in the South American Assets and, to the best of its knowledge, those rights are in good standing except for a challenge on title on the Paramillos Project. Additionally, the Papagallos Property has been affected by the recent Mendoza Province Park boundary expansion.

The results of Tenke's investigations with respect to its properties should not be construed as a guarantee of title. No assurance can be given that applicable governments will not revoke or significantly alter the conditions of the applicable exploration and mining authorizations nor that such exploration and mining authorizations will not be challenged or impugned by third parties.

Competition

There is aggressive competition within the mining industry for the discovery and acquisition of properties considered to have commercial potential. Suramina will compete with other exploration and mining companies, many of which will have greater financial resources than Suramina, for the acquisition of mineral claims, leases and other mineral interests as well as for the recruitment and retention of qualified employees and other personnel.

Mineral Prices

The market price of minerals is volatile and cannot be controlled. If the price of minerals should drop significantly, the economic prospects of the project that Suramina will have an interest in could be significantly reduced or rendered uneconomic. There is no assurance that, even if commercial quantities of ore are discovered, a profitable market may or continue to exist for the sale of products from that ore. Factors beyond the control of Suramina may affect the marketability of any minerals discovered. Mineral prices have fluctuated widely, particularly in recent years. The marketability of minerals is also affected by numerous other factors which will be beyond the control of Suramina, including government regulations relating to royalties, allowable production and importing and exporting of minerals, the effect of which cannot be accurately predicted.

The development of Suramina's properties will depend upon Suramina's ability to obtain financing through the joint venturing of projects, private placement financing, public financing, debt or other means. There is no assurance that Suramina will be successful in obtaining the required financing.

Environmental and other Regulatory Requirements

Existing and possible future environmental legislation, regulations and actions could cause additional expense, capital expenditures, restrictions and delays in the activities of Suramina, the extent of which cannot be predicted. Before production can commence on any properties Suramina must obtain regulatory approval and there is no assurance that such approvals will be obtained. Although Suramina believes that what will constitute its mineral and exploration activities will be carried out in accordance with all applicable rules and regulations, no assurance can be given that new rules and regulations will not be enacted or that existing rules and regulations will not be applied in a manner that could limit or curtail production or development.

In parts of Argentina and Chile, there has been a significant increase in environmental opposition to both mineral exploration and mining. This is already affecting properties in some of the provinces in which Suramina will work, in particular in Mendoza where Suramina will have two projects ready to drill. In certain other Argentine provinces such as Tierra del Fuego, Chubut, Rio Negro and to a degree in La Rioja, there is a significant degree of anti-mining sentiment which affects the risk of successfully exploring and developing what will comprise Suramina's assets in those provinces. There is no assurance that this trend will not continue, however it is anticipated that Suramina will spend considerable effort in local stakeholder communication and education to mitigate concerns for Suramina's exploration activities which will be in any case conducted to high international standards.

Uninsured Risks

The mining business is subject to a number of risks and hazards including environmental hazards, industrial accidents, labour disputes, encountering unusual or unexpected geologic formations or other geological or grade problems, encountering unanticipated ground or water conditions, cave-ins, pit wall failures, flooding, rock bursts, periodic interruptions due to inclement or hazardous weather conditions and other acts of God. Such risks could result in damage to, or destruction of, mineral properties or facilities, personal injury or death, environmental damage, delays in mining, monetary losses and possible legal liability.

It is anticipated that Suramina will maintain insurance against risks that are typical in the operation of its business and in amounts which it believes to be reasonable. Such insurance, however, will contain exclusions and limitations on coverage. There can be no assurance that such insurance will be available, will be available at economically acceptable premiums or will be adequate to cover any resulting injury.

Foreign Operations

Operations, development and exploration on what will comprise Suramina's properties or may be affected to varying degrees by taxes and government regulations relating to such matters as environmental protection, land use, water use, health, safety, labour, restrictions on production, price controls, currency remittance, maintenance of mineral rights, mineral tenure, and expropriation of property. There is no assurance that future changes in taxes or such regulation in the various jurisdictions in which Suramina will operate will not adversely affect Suramina's operations.

Suramina's properties will be held outside of Canada, in Chile and Argentina. As such, Suramina may be affected by possible political or economic instability in such countries. The risks include, but are not limited to, fluctuations in currency exchange rates, high rates of inflation and labour unrest. Changes in mining or investment policies or shifts in political attitudes may also adversely affect Suramina's business. Operations may be affected in varying degrees by government regulations with respect to, but not limited to, restrictions on production, price controls, export controls, currency remittance, income taxes, maintenance of claims, environmental legislation, land use, land claims of local people, water use and safety. The effect of these factors cannot be accurately predicted.

Political and economic challenges over the last five years in Argentina have been highly publicized and high unemployment across the country continues to be a problem and a source of potential civil discontentment. Economic conditions have shown steady improvement for quite some time and the peso which was dramatically devalued in 2001 has stayed relatively stable against the US dollar for the last five years despite the volatility of the US dollar against other international currencies. While Argentina's economy overall is better than many South American countries, the government currently in power has some left leaning tendencies which are not ideal for mining investment, however, Suramina has a positive long term outlook on the future of Argentina.

Description of Share Capital

Suramina is authorized to issue an unlimited number of common shares (the "**Suramina Shares**") and an unlimited number of class A voting shares (the "**Suramina Class A Shares**"), each without par value. The following is a summary of the principal attributes of the Suramina's Shares and the Suramina Class A Shares:

- **Voting Rights.** The holders of the Suramina Shares are entitled to receive notice of, attend and vote at any meeting of the shareholders of Suramina. The Suramina Shares carry one vote per share. There are no cumulative voting rights, and directors do not stand for re-election at staggered intervals.

- **Dividends**. The holders of the Suramina Shares are entitled to receive on a pro-rata basis such dividends as may be declared by the Board, out of funds legally available therefor. Any dividend unclaimed after a period of six years from the date on which the same has been declared to be payable shall be forfeited and shall revert to Suramina.

- **Profits.** Each Suramina Share is entitled to share pro-rata in any profits of Suramina to the extent they are distributed either through the declaration of dividends or otherwise distributed to shareholders, or on a winding up or liquidation.

- **Rights on Dissolution**. In the event of the liquidation, dissolution or winding up of Suramina, the holders of the Suramina Shares will be entitled to receive on a pro-rata basis all of the assets of Suramina remaining after payment of all of Suramina's liabilities.

- **Pre-Emptive, Conversion and Other Rights**. No pre-emptive, redemption, sinking fund or conversion rights are attached to the Suramina Shares, and the Suramina Shares, when fully paid, will not be liable to further call or assessment. No other class of shares may be created without the approval of the holders of Suramina Shares. There are no provisions discriminating against any existing or prospective holder of Suramina Shares as a result of such shareholder owning a substantial number of shares.

Payment of Dividends

The holders of Suramina Class A Shares shall not be entitled to receive and Suramina shall not be required to pay any dividends on the Suramina Class A Shares.

Participation on Liquidation, Dissolution or Winding-Up

In the event of the liquidation, dissolution or winding up of Suramina or other distribution of the assets of Suramina among its shareholders for the purpose of winding up its affairs, the holders of the Suramina Class A Shares shall be entitled to receive out of the assets and property of Suramina, before any amount is paid or any property or assets of Suramina is distributed to the holders of the common shares or any other class ranking junior to the Suramina Class A Shares, the amount paid up on each Suramina Class A

Share held by them. After payment on the Suramina Class A Shares of the amounts so payable to them as above provided, they shall not be entitled to share in any further distribution of the property or assets of Suramina.

Voting Rights

The holders of Suramina Class A Shares shall be entitled to receive notice of and to attend and vote at all meetings of shareholders of Suramina and shall be entitled to one vote in respect of each Suramina Class A Share at all such meetings.

Purchase for Cancellation

Suramina may at any time and from time to time purchase for cancellation the whole or any part of any of the Suramina Class A Shares at a price equal to the amount paid up on each such share.
The rights of holders of Suramina Shares and /or Suramina Class A Shares may only be changed by a special resolution of holders of two-thirds of the issued and outstanding Suramina Common Shares and/or Suramina Class A Shares, in accordance with the requirements of the *Canada Business Corporations Act.*

Consolidated Capitalization

The following table sets forth the consolidation capitalization of Suramina as at March 31, 2007.

Designation	Authorized	Outstanding as at March 31, 2007 (unaudited)
Suramina Shares	Unlimited	US$355,672,918 (59,855,829)

Indebtedness

None of the directors or executive officers of Suramina, or associates or affiliates of said persons, are indebted to Suramina.

Principal Shareholders

The following table sets forth the those persons who, to the knowledge of the directors and officers of Suramina, will beneficially own or exercise control or direction over Suramina Shares carrying more than 10% of the voting rights attached to all Suramina Shares after completion of the Arrangement:

Name and Address	Number of Shares	Percentage
Estate of Mr. Adolf H. Lundin [1] Geneva, Switzerland	11,619,436	19.3%

[1] These shares will be held by Ellegrove Capital Ltd. ("Ellegrove"), as to 8,377,636 common shares, Abalone Capital Ltd. ("Abalone"), as to 1,000,000 common shares, Lorito Holdings Limited ("Lorito"), as to 1,000,000 common shares, and Zebra Holdings and Investments Limited ("Zebra"), as to 1,241,800 common shares. Ellegrove, Abalone, Zebra and Lorito are private corporations owned by a trust whose settler is the late Adolf H. Lundin.

Rights to Purchase Securities

No person currently has a right to purchase securities of Suramina. It is anticipated that Suramina will implement a stock option plan for its directors, officers and employees, similar to the Plan.

Escrowed Shares

There will be no escrowed Suramina Shares.

Prior Sales

There were no prior sales of the Suramina Shares or the Suramina Class A Shares during the preceding 12 months, save and except for the subscription for a nominal number of Suramina Class A Shares.

Market for Securities

There is currently no market for the securities of Suramina. Upon completion of the Arrangement, it is anticipated that the common shares of Suramina will commence trading on the TSX under the symbol "SAX".

Dividend Record

Suramina does not intend to declare dividends on its common shares in the foreseeable future. Any decision to pay dividends on its common shares in the future will be dependent upon the financial requirements of Suramina to finance future growth, the financial condition of Suramina and other factors which the board of directors of Suramina may consider appropriate in the circumstances.

Directors and Officers

The board of directors of Suramina is comprised of six directors who are elected annually. Each director will hold office until the next annual meeting of shareholders or until his successor is duly elected unless his office is earlier vacated in accordance with the by-laws of Suramina. The names, provinces and countries of residence of each of the directors and executive officers of Suramina, their respective positions and offices held with Suramina, and their principal occupations are as follows:

Name and Province and Country of Residence	Positions with Suramina	Principal Occupation within the Preceding Five Years and, if applicable, Term as Director
Mats H. Carlsson Stockholm, Sweden	Director	Vice President, Equity Capital Markets, E. Ohman Jor Fondkommission AB, a brokerage firm based in Stockholm Sweden since October 2002
Paul K. Conibear British Columbia, Canada	Director, President and Chief Executive Officer	President and Chief Executive Officer of Tenke
John H. Craig Ontario, Canada	Director	Lawyer, partner of Cassels Brock & Blackwell LLP
Lee A. Graber San Rafael, CA, USA	Director	Investment director of a private equity firm. July 2002 to November 2004, Managing Director, Mergers and Acquisitions, Endeavour Financial Ltd.; prior thereto, Vice President, Corporate Development, Homestake Mining Company
Lukas H. Lundin British Columbia, Canada	Director, Chairman of the Board	Mining and oil and gas executive
William A. Rand British Columbia, Canada	Director	Self-employed businessman
Wanda Lee British Columbia, Canada	Chief Financial Officer	Chief Financial Officer of Tenke

Executive Officers' and Directors' Compensation

Suramina's executive officers and directors have not yet received any compensation.

Summary Financial Information

Suramina selected financial information:

Reference is made to the unaudited interim consolidated financial statements of Suramina as at March 31, 2007 and for the three months ended March 31, 2007 and 2006 and the audited annual consolidated financial statements of Suramina as at December 31, 2006 and 2005 and for the years ended December 31, 2006 and 2005, together with the notes thereto. A summary of that information is set out below:

In US$	Three months ended March 31, 2007 (Unaudited)	Three months ended March 31, 2006 (Unaudited)	Year ended December 31, 2006	Year ended December 31, 2005
Statement of Operations (000's)				
Total Revenue	$ -	$ -	$ -	$ -
Net Loss	$ (439)	$ (245)	$ (3,145)	$ (1,262)

	March 31, 2007 (Unaudited)	December 31, 2006	December 31, 2005
Balance Sheet Data (000's)			
Cash and Cash Equivalents	$ 924	$ 1,160	$ 1,331
Total Assets	$ 17,796	$ 16,239	$ 13,306
Long Term Liabilities	$ -	$ -	$ -
Shareholders' Equity	$ 17,368	$ 15,269	$ 12,254

Auditors, Registrar and Transfer Agent

The auditors of Suramina are PricewaterhouseCoopers LLP, Chartered Accountants, Vancouver, British Columbia.

The registrar and transfer agent for Suramina Shares will be Computershare Investor Services Inc., at its principal offices in Vancouver, British Columbia, and Toronto, Ontario.

Material Contracts

Except for contracts entered into in the ordinary course of business or as otherwise disclosed herein or as otherwise referred to in a document incorporated by reference herein, the only material contract entered into by Suramina immediately prior to the date hereof that can reasonably be regarded as presently material is the Share Purchase Agreement.

Legal Proceedings

Suramina is not currently a party to any legal proceedings.

Additional Information

There is currently no additional information available with respect to Suramina, other than such information as can be extra posted from the information of Tenke with respect to the South American Assets as set forth under the heading "Additional Information" relating to Tenke in this Joint Disclosure Booklet.

INFORMATION CONCERNING LUNDIN MINING CORPORATION and TENKE MINING CORP. FOLLOWING THE ARRANGEMENT

Lundin Mining

Shareholders of Lundin Mining following the Arrangement

Assuming that there are 60,199,829 Tenke Shares outstanding as at the Effective Time (which assumes that no Tenke Options are exercised prior to the such time) and that no Tenke Shareholder exercises dissent rights, Lundin Mining will issue approximately 104,145,704 Lundin Mining Shares upon completion of the Arrangement (not including Lundin Mining Shares issuable upon the subsequent exercise of Tenke options). Based upon the foregoing assumptions, upon the completion of the Arrangement, Former Tenke Shareholders will own approximately 26.67 % of the then outstanding Lundin Mining Shares and Lundin Mining Shareholders will own approximately 73.33 % of the then outstanding Lundin Mining Shares, on a non-diluted basis. On a fully diluted basis, former Tenke Shareholders will own approximately 26.75 % of the then outstanding Lundin Mining Shares and Lundin Mining Shareholders will own approximately 73.25 % of the then outstanding Lundin Mining Shares.

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LUNDIN MINING CORPORATION
PRO FORMA CONSOLIDATED FINANCIAL STATEMENTS

As at March 31, 2007
and
For the Three Months Ended March 31, 2007
and
For the Year Ended December 31, 2006

Compilation Report on Pro Forma Consolidated Financial Statements of Lundin Mining Corporation

To the Directors of Lundin Mining Corporation

We have read the accompanying unaudited pro forma consolidated balance sheet of Lundin Mining Corporation ("Lundin" or the "Company") as at March 31, 2007 and unaudited pro forma consolidated statement of operations for the three months then ended and for the year ended December 31, 2006, and have performed the following procedures:

1. Compared the figures in the columns captioned "Lundin Mining Historical" to the to the unaudited consolidated financial statements of the Company as at March 31, 2007 and for the three months then ended, and the audited financial statements of the Company for the year ended December 31, 2006, respectively, and found them to be in agreement

2. Compared the figures in the columns captioned "Adjusted Tenke" to the unaudited consolidated financial statements of Tenke Mining Corporation ("Tenke") as at March 31, 2007 and for the three months then ended less the unaudited financial statements of Suramina Resources Inc. ("Suramina") as at March 31, 2007 less the adjustment to cash and cash equivalents described in note 3(b)(i) and for the three months then ended and the audited consolidated financial statements of Tenke for the year ended December 31, 2006 less the audited financial statements of Suramina for the year ended December 31, 2006, respectively, and found them to be in agreement.

3. Compared the figures in the columns captioned "Rio Narcea Historical" to the unaudited consolidated financial statements of Rio Narcea Gold Mines Ltd ("Rio Narcea") as at March 31, 2007 and for the three months then ended and for the year ended December 31, 2006, respectively, and found them to be in agreement.

4. Made enquiries of certain officials of the company who have responsibility for financial and accounting matters about:

   (a) the basis for determination of the pro forma adjustments; and

   (b) whether the pro forma financial statements comply as to form in all material respects with securities acts of the provinces and territories of Canada (the "Acts") and the related regulations.

5. The officials:

   (a) described to us the basis for determination of the pro forma adjustments, and

   (b) stated that the pro forma financial statements comply as to form in all material respects with the Acts and the related regulations.

6. Read the notes to the pro forma financial statements, and found them to be consistent with the basis described to us for determination of the pro forma adjustments.

7. Recalculated the application of the pro forma adjustments to the aggregate of the amounts in the columns captioned "Lundin Mining Historical," "Adjusted Tenke" and "Rio Narcea Historical" as applicable, and found the amounts in the columns captioned "Pro Forma Lundin and Tenke", "Pro Forma Lundin, Tenke and Rio Narcea" and "Pro Forma Lundin" as at and for the three months ended March 31, 2007 and for the year ended December 31, 2006, as applicable, to be arithmetically correct.

A pro forma financial statement is based on management assumptions and adjustments which are inherently subjective. The foregoing procedures are substantially less than either an audit or a review, the objective of which is the expression of assurance with respect to management's assumptions, the pro forma adjustments, and the application of the adjustments to the historical financial information. Accordingly, we express no such assurance. The foregoing procedures would not necessarily reveal matters of significance to the pro forma financial statements, and we therefore make no representation about the sufficiency of the procedures for the purposes of a reader of such statements.

"PRICEWATERHOUSE COOPERS LLP"

Chartered Accountants

Vancouver
May 18, 2007

LUNDIN MINING CORPORATION
PRO FORMA CONSOLIDATED BALANCE SHEET
AS AT MARCH 31, 2007

(All amounts in United States dollars, except where noted)
(Unaudited)

	Lundin Mining Historical	Adjusted Tenke (note 3(b)(i))	Tenke Acquisition Pro Forma Adjustments (note 3(b)(ii))	Pro Forma Lundin and Tenke	Rio Narcea Historical	Rio Narcea Pro Forma Adjustments (note 4(a))	Pro Forma Lundin, Tenke and Rio Narcea	Gold Mining Disposition Pro Forma Adjustments (note 5)	Pro Forma Lundin
ASSETS									
Current assets									
Cash and cash equivalents	$ 317,393	$ 96,501	$ (1,550)	$ 412,344	$ 71,718	$ 42,117	$ 526,179	$ (11,523)	$ 514,656
Restricted cash	-	-	-	-	5,950	-	5,950	-	5,950
Accounts receivable	130,340	52	-	130,392	21,944	-	152,336	(282)	152,054
Inventories	30,968	-	-	30,968	12,713	-	43,681	(512)	43,169
Other current assets	4,442	17	-	4,459	7,523	-	11,982	-	11,982
	483,143	96,570	(1,550)	578,163	119,848	42,117	740,128	(12,317)	727,811
Long term receivables	952	-	-	952	-	-	952	-	952
Reclamation fund	31,987	-	-	31,987	-	-	31,987	-	31,987
Long term investments	95,952	1,128	-	97,080	43,748	-	140,828	-	140,828
Equity investment in Tenke Fungurme	-	105,151	1,274,741	1,379,892	-	-	1,379,892	-	1,379,892
Mineral properties, plant and equipment	1,713,990	2	-	1,713,992	231,313	141,614	2,086,919	(270,315)	1,816,604
Goodwill	524,240	-	-	524,240	-	-	524,240	-	524,240
Unallocated purchase price	-	-	-	-	-	343,006	343,006		343,006
Other assets	1,987	-	-	1,987	1,314	-	3,301	-	3,301
Future income tax assets	10,892	-	-	10,892	5,518	-	16,410	-	16,410
	$ 2,863,143	$ 202,851	$ 1,273,191	$ 4,339,185	$ 401,741	$ 526,737	$ 5,267,663	$ (282,632)	$ 4,985,031
LIABILITIES									
Current liabilities									
Accounts payable and accrued liabilities	$ 120,184	$ 698	$ -	$ 120,882	$ 51,092	$ -	$ 171,974	$ (3,927)	$ 168,047
Income taxes payable	54,192	-	-	54,192	-	-	54,192	-	54,192
Current portion of long term debt and capital leases	2,658	-	-	2,658	11,577	-	14,235	(11,397)	2,838
Current portion of deferred revenue	3,204	-	-	3,204	-	-	3,204	-	3,204
	180,238	698	-	180,936	62,669	-	243,605	(15,324)	228,281
Long-term debt and capital leases	43,296	-	-	43,296	34,789	800,000	878,085	(253,970)	624,115
Deferred revenue	58,845	-	-	58,845	-	-	58,845	-	58,845
Provision for pension obligations	15,259	-	-	15,259	-	-	15,259	-	15,259
Asset retirement obligations and other provisions	97,627	-	-	97,627	24,763	-	122,390	(10,350)	112,040
Future income tax liabilities	247,420	-	194,398	441,818	5,766	-	447,584	(2,988)	444,596
Non-controlling interest	-	-	-	-	491	-	491	-	491
	642,685	698	194,398	837,781	128,478	800,000	1,766,259	(282,632)	1,483,627
Shareholders' equity									
Share capital	1,897,447	337,350	943,596	3,178,393	250,278	(250,278)	3,178,393	-	3,178,393
Contributed surplus	7,545	(2,940)	2,940	7,545	23,439	(23,439)	7,545	-	7,545
Accumulated other comprehensive income	83,556	503	(503)	83,556	24,909	(24,909)	83,556	-	83,556
Retained earnings (deficit)	231,910	(132,760)	132,760	231,910	(25,363)	25,363	231,910	-	231,910
	2,220,458	202,153	1,078,793	3,501,404	273,263	(273,263)	3,501,404	-	3,501,404
	$ 2,863,143	$ 202,851	$ 1,273,191	$ 4,339,185	$ 401,741	$ 526,737	$ 5,267,663	$ (282,632)	$ 4,985,031

The accompanying notes are an integral part of these pro forma consolidated financial statements

LUNDIN MINING CORPORATION
PRO FORMA CONSOLIDATED STATEMENT OF OPERATIONS
FOR THE THREE MONTHS ENDED MARCH 31, 2007
(All amounts in thousands of United States dollars, except where noted)
(Unaudited)

	Lundin Mining Historical	Adjusted Tenke (note 3(b)(iii))	Pro Forma Lundin and Tenke	Rio Narcea Historical	Rio Narcea Pro Forma Adjustments (Note 4(b))	Pro Forma Lundin, Tenke and Rio Narcea	Gold Mining Disposition Pro Forma Adjustments (note 5)	Pro Forma Lundin
Sales	$ 193,920	$ -	$ 193,920	$ 62,661	$ -	$ 256,581	$ -	$ 256,581
Cost of sales	(67,242)	-	(67,242)	(17,982)	-	(85,224)	-	(85,224)
Accretion of asset retirement obligations	(1,120)	-	(1,120)	-	-	(1,120)	-	(1,120)
Depreciation, depletion and amortization	(35,878)	-	(35,878)	(3,135)	-	(39,013)	82	(38,931)
	89,680	-	89,680	41,544	-	131,224	82	131,306
Expenses								
General exploration and project investigation	(4,919)	-	(4,919)	(569)	-	(5,488)	-	(5,488)
Selling, general and administration	(6,731)	(1,119)	(7,850)	(2,178)	-	(10,028)	548	(9,480)
Stock-based compensation	(1,520)	(451)	(1,971)	-	-	(1,971)	-	(1,971)
Foreign exchange gains (losses)	(2,720)	767	(1,953)	(1,382)	-	(3,335)	(262)	(3,597)
Gains (losses) on derivative instruments	(5,524)	-	(5,524)	(4,828)	-	(10,352)	2,492	(7,860)
Interest and other income and expenses	4,029	949	4,978	568	-	5,546	(266)	5,280
Interest and bank charges	(910)	(1)	(911)	(184)	(11,940)	(13,035)	3,358	(9,677)
	(18,295)	145	(18,150)	(8,573)	(11,940)	(38,663)	5,870	(32,793)
Earnings before undernoted items	71,385	145	71,530	32,971	(11,940)	92,561	5,952	98,513
Gain on sale of investments	-	-	-	3,276	-	3,276	-	3,276
Non-controlling interest	-	-	-	35	-	35	-	35
Earnings before income taxes	71,385	145	71,530	36,282	(11,940)	95,872	5,952	101,824
Income taxes								
Current income taxes	(14,021)	-	(14,021)	-	-	(14,021)	-	(14,021)
Future income tax (expense) recovery	(3,656)	-	(3,656)	(9,932)	4,179	(9,409)	(71)	(9,480)
	(17,677)	-	(17,677)	(9,932)	4,179	(23,430)	(71)	(23,501)
Net earnings (loss)	$ 53,708	$ 145	$ 53,853	$ 26,350	$ (7,761)	$ 72,442	$ 5,881	$ 78,323
Earnings per share ($ per share)								
Basic	$ 0.19		$ 0.14			$ 0.19		$ 0.20
Diluted	$ 0.19		$ 0.14			$ 0.19		$ 0.20
Weighted average number of shares outstanding (000's)								
Basic	285,454	105,517	390,970			390,970		390,970
Diluted	286,058	105,517	391,575			391,575		391,575

The accompanying notes are an integral part of these pro forma consolidated financial statements.

LUNDIN MINING CORPORATION
PRO FORMA CONSOLIDATED STATEMENT OF OPERATIONS
FOR THE YEAR ENDED DECEMBER 31, 2006
(All amounts in thousands of United States dollars, except where noted)
(Unaudited)

	Lundin Mining Historical	Adjusted Tenke (note 3(b)(iii))	EuroZinc Acquisition Pro Forma Adjustments (note 3(a))	Pro Forma Lundin and Tenke	Rio Narcea Historical	Rio Narcea Pro Forma Adjustments (Note 4(b))	Pro Forma Lundin, Tenke and Rio Narcea	Gold Mining Disposition Pro Forma Adjustments (note 5)	Pro Forma Lundin
Sales	$ 539,729	$ -	$ 410,488	$ 950,217	$ 225,694	$ -	$ 1,175,911	$ -	$ 1,175,911
Cost of sales	(219,088)	-	(92,741)	(311,829)	(108,465)	-	(420,294)	-	(420,294)
Accretion of asset retirement obligations	(1,284)	-	(2,371)	(3,655)	-	-	(3,655)	-	(3,655)
Depreciation, depletion and amortization	(74,991)	-	(65,677)	(140,668)	(15,434)	-	(156,102)	186	(155,916)
	244,366	-	249,699	494,065	101,795	-	595,860	186	596,046
Expenses									
General exploration and project investigation	(9,857)	(298)	(3,077)	(13,232)	(4,905)	-	(18,137)	-	(18,137)
Selling, general and administration	(17,051)	(1,519)	(5,987)	(24,557)	(9,206)	-	(33,763)	696	(33,067)
Stock-based compensation	(2,381)	(3,151)	(2,719)	(8,251)	-	-	(8,251)	-	(8,251)
Foreign exchange gains (losses)	(16,907)	(618)	(350)	(17,875)	629	-	(17,246)	(705)	(17,951)
Gains (losses) on derivative instruments	420	-	(82,221)	(81,801)	(37,793)	-	(119,594)	7,933	(111,661)
Interest and other income and expenses	8,321	3,039	11,240	22,600	1,606	-	24,206	(99)	24,107
Interest and bank charges	(1,646)	(2)	(3,224)	(4,872)	(1,830)	(47,760)	(54,462)	13,433	(41,029)
	(39,101)	(2,549)	(86,338)	(127,988)	(51,499)	(47,760)	(227,247)	21,258	(205,989)
Earnings before undemoted items	205,265	(2,549)	163,361	366,077	50,296	(47,760)	368,613	21,444	390,057
Gain on sale of investments	9	-	-	9	-	-	9	-	9
Non-controlling interest	(183)	-	-	(183)	30	-	(153)	-	(153)
Earnings before income taxes	205,091	(2,549)	163,361	365,903	50,326	(47,760)	368,469	21,444	389,913
Income taxes									
Current income taxes	(50,291)	-	(43,799)	(94,090)	-	-	(94,090)	-	(94,090)
Future income tax (expense) recovery	(1,851)	-	9,153	7,302	20,405	16,716	44,423	(3,396)	41,027
	(52,142)	-	(34,646)	(86,788)	20,405	16,716	(49,667)	(3,396)	(53,063)
Net earnings (loss)	$ 152,949	$ (2,549)	$ 128,715	$ 279,115	$ 70,731	$ (31,044)	$ 318,802	$ 18,048	$ 336,850
Earnings per share ($ per share)									
Basic	$ 1.02			$ 0.72			$ 0.82		$ 0.87
Diluted	$ 1.01			$ 0.71			$ 0.82		$ 0.86
Weighted average number of shares outstanding (000's)									
Basic	149,440	105,517	133,955	388,912			388,912		388,912
Diluted	151,152	105,517	133,955	390,624			390,624		390,624

The accompanying notes are an integral part of these pro forma consolidated financial statements.

LUNDIN MINING CORPORATION
NOTES TO THE PRO FORMA CONSOLIDATED FINANCIAL STATEMENTS
FOR THE THREE MONTHS ENDED MARCH 31, 2007
(All amounts in thousands of United States dollars, except where noted)
(Unaudited)

1. Proposed Transactions and Basis of Presentation

On April 4, 2007, Lundin Mining Corporation ("Lundin" or the "Company") made an offer to the shareholders of Rio Narcea Gold Mining Ltd. ("Rio Narcea") to purchase all issued and outstanding common shares of Rio Narcea for CDN$5.00 per share and all outstanding warrants of Rio Narcea for CDN$1.04 per warrant for total cash consideration of approximately $765.5 million (the "Rio Narcea Acquisition"). In conjunction with the Rio Narcea Acquisition, the Company granted Red Back Mining Inc. an option (the "Red Back Option") to purchase certain gold mining related net assets of Rio Narcea for cash consideration of $225 million and the assumption of liabilities, including a $42.5 million loan ("Gold Asset Disposition"). Funding for the Rio Narcea Acquisition is expected to be through an $800 million credit facility. If the Red Back Option is exercised, the Company anticipates that the $225 million proceeds from the Gold Asset Disposition will be applied to reduce the amount outstanding on the credit facility.

On April 11, 2007, the Company and Tenke Mining Corp. ("Tenke") announced that they entered into a definitive agreement to combine the two companies (the "Tenke Acquisition"). The transaction will be completed by way of a Plan of Arrangement (the "Arrangement"). At closing, all Tenke common shares will be automatically exchanged on the basis of 1.73 Lundin common shares for each Tenke common share. Pursuant to the Arrangement Tenke will convey its South American assets and cash in the amount of $5 million to a newly incorporated, wholly-owned subsidiary, Suramina Mining Inc. ("Suramina"). The shares of Suramina will be distributed to Tenke shareholders immediately prior to the effective time of the Arrangement and an application will be made to list the common shares of Suramina on the Toronto Stock Exchange.

These pro forma consolidated financial statements of Lundin reflect the Tenke Acquisition, the Rio Narcea Acquisition (the "Acquisitions") and the Gold Asset Disposition. The Tenke Acquisition is subject to the approval of the shareholders of the Company and the shareholders of Tenke and applicable regulatory authorities. The Rio Narcea acquisition is subject to the tender of shares representing at least 66 ⅔% of the outstanding common shares of Rio Narcea, calculated on a fully diluted basis. The Gold Asset Disposition is dependent on the exercise by Red Back Mining Inc. of their rights under the Red Back Option. Accordingly, the pro forma consolidated financial statements have been presented with three sub-totals representing Lundin on a pro forma basis after making adjustments for each transaction as follows:

a) Pro Forma Lundin after the Tenke Acquisition (note 3)

b) Pro Forma Lundin after the Tenke Acquisition and Rio Narcea Acquisition (note 4)

c) Pro Forma Lundin after the Acquisitions and the Gold Asset Disposition (note 5)

These pro forma consolidated financial statements have been prepared in accordance with generally accepted accounting principles in Canada, and do not contain all the information required for annual or interim financial statements. Accordingly, they should be read in conjunction with the most recent annual and interim consolidated financial statements of each of Lundin, Tenke and Rio Narcea.

These pro forma consolidated financial statements have been prepared on the basis that Lundin is considered the acquirer for each of the Acquisitions. The pro forma consolidated balance sheet is prepared to give effect to the Acquisitions and the Gold Asset Disposition as if they occurred on March 31, 2007. The pro forma statements of operations are prepared to give effect to the Acquisitions and the Gold Asset Disposition as if they occurred on January 1, 2006.

1. Proposed Transactions and Basis of Presentation (continued)

These pro forma consolidated financial statements are not intended to reflect the financial position of Lundin which would have resulted had the Acquisitions and the Gold Asset Disposition actually been completed on March 31, 2007 or the results of operations of Lundin that would have resulted had the Acquisitions and the Gold Asset Disposition actually been effected on January 1, 2006. Further, the pro forma results of operations may not be indicative of future results.

The allocation of the purchase price to the identifiable assets and liabilities and the adjustments to the statements of operations presented in these pro forma consolidated financial statements related to the Acquisitions is preliminary and subject to change. In arriving at the fair values of assets and liabilities of Rio Narcea, the Company has made assumptions, estimates and assessments which are solely based on available public information. The actual fair values of the identifiable assets and liabilities will be determined as of the date of the acquisition and may differ materially from the amounts disclosed in the purchase price allocations set out herein due to changes in the estimates which will occur as more information is available for assessment.

2. Significant Accounting Policies

Accounting policies used in the preparation of these pro forma consolidated financial statements are disclosed in Lundin's audited consolidated financial statements for the year ended December 31, 2006 and the interim consolidated financial statements for the three months ended March 31, 2007. No adjustment has been made for differences in accounting policies between Lundin and Tenke Mining or between Lundin and Rio Narcea, except as identified and indicated in the notes to these pro forma consolidated financial statements.

3. EuroZinc Acquisition and Tenke Acquisition

(a) EuroZinc Acquisition

On October 31, 2006 the Company completed the acquisition of 100% of the issued and outstanding common shares of EuroZinc Mining Corporation ("EuroZinc"). The pro forma consolidated statement of operations of the Company for the year ended December 31, 2006 has been adjusted as follows:

(i) EuroZinc Earnings for the Period January 1, 2006 to October 31, 2006

Earnings of EuroZinc for the period January 1, 2006 to October 31, 2006 prior to the date of acquisition have been included to reflect the results of operations as though the acquisition had been completed on January 1, 2006.

(ii) EuroZinc Purchase Accounting

Depreciation, depletion and amortization has been increased by $43.0 million and future income tax recovery has been increased by $9.3 million to reflect the amortization and related tax effect of the fair value adjustments to mineral properties, plant and equipment related to the acquisition of EuroZinc for the ten months ended October 31, 2006.

(b) Tenke Acquisition

(i) Adjusted Tenke

The assets and liabilities of Tenke being acquired by Lundin under the Arrangement are represented on the pro forma consolidated balance sheet as "Adjusted Tenke". Adjusted Tenke has been derived from the consolidated financial statements of Tenke as at March 31, 2007 after taking into effect the transfer of the South American assets and liabilities to Suramina, including additional cash of $5 million, and an assumption that all Tenke stock options (all of which are in-the-money) are exercised prior to the Tenke Acquisition for cash proceeds of $8.2 million as follows:

	Tenke Mining Corp. historical	Suramina Resources historical	Adjustment	Pro forma adjustment - exercise of Tenke stock options	**Adjusted Tenke book value**
Cash and cash equivalents	$ 94,275	$ (924)	$ (5,000)	$ 8,150	**$ 96,501**
Accounts receivable	739	(687)	-	-	**52**
Inventories	8	(8)	-	-	**-**
Other current assets	17	-	-	-	**17**
Long term investments	1,128	-	-	-	**1,128**
Equity investment in Tenke Fungurme	105,151	-	-	-	**105,151**
Mineral properties, plant and equipment	16,179	(16,177)	-	-	**2**
Accounts payable and accrued liabilities	(1,031)	333	-	-	**(698)**
Net assets	$ 216,466	$ (17,463)	$ (5,000)	$ 8,150	**$ 202,153**

(ii) Tenke Acquisition Pro Forma Adjustments – Consolidated Balance Sheet

The acquisition of Tenke is accounted for as an asset purchase for accounting purposes. Under this method of accounting, the identifiable assets and liabilities of Tenke are recorded upon acquisition by the Company at their fair values, and the fair values are adjusted for the effect of future income taxes if the tax values of the assets and liabilities differ from their fair values. No goodwill is recorded on an asset purchase. The measurement of the purchase consideration for Tenke in these pro forma consolidated financial statements is recorded at the closing price of Lundin shares on the date of the announced plan of arrangement being CDN$13.90 per share, or US$1,280.9 million. The actual purchase consideration will be determined using the share price and number of outstanding shares at the date of closing.

(ii) Tenke Acquisition Pro Forma Adjustments – Consolidated Balance Sheet (continued)

The adjustments to the pro forma consolidated balance sheet as at March 31, 2007 to record the identifiable assets and liabilities of Tenke at fair value are as follows:

	Adjusted Tenke fair value	Adjusted Tenke book value (note 3(b)(i))	**Pro forma adjustments**
Cash and cash equivalents	$ 94,951	$ (96,501)	**$ (1,550)**
Accounts receivable	52	(52)	**-**
Other current assets	17	(17)	**-**
Long term investments	1,128	(1,128)	**-**
Equity investment in Tenke Fungurme	1,379,892	(105,151)	**1,274,741**
Mineral properties, plant and equipment	2	(2)	**-**
Accounts payable and accrued liabilities	(698)	698	**-**
Future income tax liabilities	(194,398)	-	**(194,398)**
Net assets	$ 1,280,946	$ (202,153)	**$ 1,078,793**

(iii) Adjusted Tenke – Pro Forma Consolidated Statement of Operations

The results of operations of Tenke being acquired by Lundin under the Arrangement are represented on the pro forma consolidated statement of operations as "Adjusted Tenke". Adjusted Tenke has been derived from the consolidated statements of operations of Tenke for the three months ended March 31, 2007 and the year ended December 31, 2006.

Three Months Ended March 31, 2007

	Tenke Mining Corp. historical	Suramina Resources Inc. historical	**Adjusted Tenke**
Selling, general and administration	$ (1,229)	$ (110)	**$ (1,119)**
Stock-based compensation	(502)	(50)	**(451)**
Foreign exchange gains (losses)	739	(27)	**767**
Interest and other income and expenses	958	9	**949**
Interest and bank charges	(1)	-	**(1)**
	$ (35)	$ (178)	**$ 145**

(iii) Adjusted Tenke – Pro Forma Consolidated Statement of Operations (continued)

Year Ended December 31, 2006

	Tenke Mining Corp. historical	Suramina Resources Inc. historical	Adjusted Tenke
General exploration and project investigation	$ (902)	$ (604)	$ (298)
Selling, general and administration	(1,845)	(326)	(1,519)
Stock-based compensation	(3,501)	(350)	(3,151)
Foreign exchange gains (losses)	(798)	(180)	(618)
Interest and other income and expenses	2,934	(105)	3,039
Interest and bank charges	(93)	(91)	(2)
Write-off of mineral property interests	(1,491)	(1,491)	-
	$ (5,696)	$ (3,147)	$ (2,549)

4. Rio Narcea Acquisition

The Rio Narcea Acquisition is accounted for as a business combination using the purchase method whereby the identifiable assets and liabilities of Rio Narcea are measured at their individual fair values on the date of the acquisition. If the consideration paid exceeds the aggregate of these fair values including any related amounts for future income taxes arising on the initial recognition of fair values then the excess consideration is recorded on the consolidated balance sheet as goodwill.

The cash consideration to be paid to Rio Narcea shareholders of $765.5 million represents CDN$5.00 per common share and CDN$1.04 per warrant. The Company has assumed that all Rio Narcea stock options (all of which are in-the-money) are exercised prior to the acquisition for cash proceeds of approximately $15.6 million and that all outstanding common shares of Rio Narcea are tendered to the Company's offer.

(a) Adjustments to Pro Forma Consolidated Balance Sheet

The following pro forma adjustments have been made to the pro forma consolidated balance sheet as at March 31, 2007 to reflect the purchase of Rio Narcea:

	Proceeds from options exercised	Fair value adjustments	Long-term debt assumed, net of cash paid	Rio Narcea pro forma adjustments
Cash and cash equivalents	$ 15,579	$ (7,950)	$ 34,487	$ 42,117
Mineral properties, plant and equipment	-	141,614	-	141,614
Unallocated purchase price	-	343,006	-	343,006
Long-term debt and capital leases	-	-	(800,000)	(800,000)
Net assets purchased	$ 15,579	$ 476,671	$ (765,513)	$ (273,263)

(iv) Proceeds from exercise of in-the-money stock options

The net assets acquired include an assumption that all in-the-money Rio Narcea stock options are exercised prior to the acquisition for cash proceeds of $15.6 million.

(v) Fair value adjustments

The fair value adjustments relate to the allocation of the fair values of Rio Narcea's assets and liabilities resulting from the allocation of the excess purchase price over the carrying values recorded by Rio Narcea as follows:

- adjustment to decrease cash and cash equivalents for estimated costs of $7.95 million to complete the Rio Narcea Acquisition;
- adjustment to increase the carrying value of mineral properties, plant and equipment by $141.6 million to increase the carrying value of the gold mining assets to the exercise price of the Red Back Option (note 5);

The consideration paid exceeds the aggregate of the fair values of identifiable assets and liabilities by $343.0 million and this amount is included in the pro forma consolidated balance sheet under the caption "unallocated excess purchase price". The actual fair values of the identifiable assets and liabilities will be determined as of the date of the acquisition and may differ materially from the amounts disclosed in the purchase price allocations set out herein due to changes in the estimates which will occur as more information is available for assessment (note 6).

(vi) Long-term debt related to acquisition of Rio Narcea:

Cash consideration of $765.5 million to acquire Rio Narcea is expected to be financed through a credit facility in the amount of $800 million for a net increase in cash and cash equivalents of $34.4 million.

(b) Adjustments to the Pro Forma Consolidated Statements of Operations

The unaudited pro forma consolidated statements of operations reflect the following adjustments as if the Rio Narcea Acquisition had occurred on January 1, 2006:

(vii) Interest on long-term debt

The pro forma consolidated statement of operations for the three months ended March 31, 2007 and the year ended December 31, 2006 includes interest expense related to long-term debt of $11.9 million and $47.8 million, respectively.

(viii) Future income tax recovery

The pro forma statement of operations for the three months ended March 31, 2007 and the year ended December 31, 2006 includes future income tax recoveries of $4.2 million and $16.7 million, respectively, related to the adjustment described in note 4(b)(i).

5. Gold Asset Disposition

In conjunction with the Rio Narcea Acquisition, the Company granted Red Back Mining Inc. an option (the "Red Back Option") to purchase certain gold mining related net assets of Rio Narcea for cash consideration of $225 million and the assumption of liabilities, including a $42.5 million loan ("Gold Asset Disposition"). The pro forma consolidated balance sheet includes an adjustment to reflect the sale of the gold mining related net assets and repayment of $225 million in long-term debt. The pro forma statement of operations for the three months ended March 31, 2007 and the year ended December 31, 2006 includes adjustments to decrease interest expense related to the $225 million in long-term debt as if the repayment had occurred on January 1, 2006.

6. Other Items Not Adjusted

The adjustments made to the pro forma consolidated statements of operations reflect only those items which recur and do not include all charges to income which are expected to occur immediately following the transaction. In addition, these statements do not give effect to operating efficiencies and cost savings that may result from the Arrangement.

Upon closing of the Acquisitions the Company is required to fair value all of the assets and liabilities acquired. The final values allocated to the acquired assets will depend on the Company's view of, amongst other things, long term metal prices, exchange rates and reserves and resources on completion. It is likely that the final purchase price will result in a significant increase in the carrying value of mineral properties, plant and equipment and related future income tax liability, and this will result in an increase in depreciation, depletion and amortization expense from that shown in the pro forma consolidated financial statements. The Company estimates that for every $100 million allocated to mineral properties, plant and equipment that there would be a corresponding depreciation charge of $12.5 million ($8.0 million after income taxes or a reduction to basic earnings per share of $0.02) for the year ended December 31, 2006 and $3.1 million ($2.0 million after income taxes or a reduction to basic earnings per share of $0.005) for the three months ended March 31, 2007.

Any excess of the purchase price paid over the amount allocated to the assets and liabilities acquired in the Rio Narcea Acquisition will be classified as goodwill, which, under Canadian generally accepted accounting principles, will not be amortized but which the Company is required to allocate to its reporting units and test for impairment on an annual basis. The first impairment test will be performed at a future date as determined by management and there can be no assurances that an impairment and write-down of goodwill will not occur.

7. Pro Forma Earnings Per Share

The earnings per share are calculated using the weighted average number of shares outstanding during the period. Diluted earnings per share are calculated using the treasury stock method whereby all "in-the-money" stock options are assumed to have been exercised at the beginning of the period and the proceeds from the exercise are assumed to have been used to purchase common shares at the average price during the period.

The pro forma earnings per share information assumes that 160.8 million Lundin shares issued for the October 31, 2006 acquisition of EuroZinc had occurred on January 1, 2006 (note 3(a)(ii)).

The pro forma earnings per share information following the Tenke Acquisition assumes the issue of 105.5 million Lundin shares on January 1, 2006.

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SURAMINA RESOURCES

Consolidated Financial Statements

As at March 31, 2007 and December 31, 2006 and 2005
and
For the Three Months Ended March 31, 2007 and 2006
and
For the Years Ended December 31, 2006 and 2005

PRICEWATERHOUSECOOPERS

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AUDITORS' REPORT

To the Directors of
Tenke Mining Corp.

We have audited the consolidated balance sheets of Suramina Resources Business as at December 31, 2006 and 2005 and the consolidated statements of loss and deficit and cash flows for the years then ended. These financial statements are the responsibility of the Business' management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with Canadian generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, these consolidated financial statements present fairly, in all material respects, the financial position of the Business as at December 31, 2006 and 2005 and the results of its loss and its cash flows for the years then ended in accordance with Canadian generally accepted accounting principles.

(Signed) PricewaterhouseCoopers LLP

Chartered Accountants

Vancouver, British Columbia
May 17, 2007

PricewaterhouseCoopers refers to the Canadian firm of PricewaterhouseCoopers LLP and the other member firms of PricewaterhouseCoopers International Limited, each of which is a separate and independent legal entity.

SURAMINA RESOURCES
CONSOLIDATED BALANCE SHEETS
(All amounts in United States dollars, except where noted)

As at	Mar 31, 2007 (unaudited)	Dec 31, 2006	Dec 31, 2005
ASSETS			
Current assets			
Cash and cash equivalents	$ 923,918	$ 1,160,034	$ 1,331,414
Accounts receivable	686,831	689,386	592,233
Supplies inventory	8,236	4,982	33,996
	1,618,985	1,854,402	1,957,643
Mineral properties and related expenditures (note 4)	15,783,027	13,985,900	10,956,310
Fixed assets, net	394,187	398,273	392,290
	$ 17,796,199	$ 16,238,575	$ 13,306,243
LIABILITIES			
Current liabilities			
Accounts payables and accrued liabilities	$ 332,956	$ 268,526	$ 274,357
Advances from joint venturer	-	700,751	777,923
	332,956	969,277	1,052,280
EQUITY			
Owner contributions (note 6)	27,388,130	24,755,293	18,595,077
Deficit	(9,924,887)	(9,485,995)	(6,341,114)
	17,463,243	15,269,298	12,253,963
	$ 17,796,199	$ 16,238,575	$ 13,306,243

Transfer of assets and going concern (note 1)

Nature of operations (note 2)

Commitments (notes 4 and 8)

Subsequent events (note 10)

The accompanying notes are an integral part of these financial statements.

Approved by the Board of Directors of Tenke Mining Corp.:

/s/ Paul K. Conibear
Director

/s/ Lee A. Graber
Director

SURAMINA RESOURCES
CONSOLIDATED STATEMENTS OF LOSS, COMPREHENSIVE LOSS AND DEFICIT
(All amounts in United States dollars, except where noted)

	Three Months Ended		Years Ended	
	Mar 31, 2007	Mar 31, 2006	Dec 31, 2006	Dec 31, 2005
	(unaudited)	*(unaudited)*		
Expenses				
Consulting	$ 16,800	$ 21,701	$ 101,597	$ 50,161
General exploration and project investigation	260,534	70,751	603,267	293,815
Interest and bank charges	91	305	90,769	1,069
Management fees	4,870	4,677	19,577	14,543
Office and general	14,707	9,407	(7,356)	68,246
Professional fees	25,753	18,105	65,296	46,043
Promotion and public relations	15,116	14,192	120,463	149,957
Stock based compensation	50,163	-	350,139	16,706
Wages and benefits	32,460	6,570	25,947	28,975
	420,494	**145,708**	**1,369,699**	**669,515**
Other expense (income)				
Interest income	(9,761)	(10,882)	(973)	(19,629)
Foreign exchange loss	27,366	108,761	179,594	60,998
Other expense	793	-	106,036	-
Write-off of mineral property interests	-	1,025	1,490,525	551,219
Loss and comprehensive loss	**438,892**	**244,612**	**3,144,881**	**1,262,103**
Deficit, beginning of the period	9,485,995	6,341,114	6,341,114	5,079,011
Deficit, end of the period	**$ 9,924,887**	**$ 6,585,726**	**$ 9,485,995**	**$ 6,341,114**

The accompanying notes are an integral part of these financial statements.

SURAMINA RESOURCES
CONSOLIDATED STATEMENTS OF CASH FLOWS
(All amounts in United States dollars, except where noted)

	Three Months Ended		Years Ended	
	Mar 31, 2007	Mar 31, 2006	Dec 31, 2006	Dec 31, 2005
	(unaudited)	*(unaudited)*		
Cash flows from (used in) operating activities				
Loss for the year	$ (438,892)	$ (244,612)	$ (3,144,881)	$ (1,262,103)
Items not affecting cash:				
Stock based compensation	50,183	-	350,139	16,706
Unrealized foreign exchange loss	27,366	108,761	179,594	60,998
Write-off of mineral property interests	-	1,025	1,490,525	551,219
	(361,363)	(134,826)	(1,124,623)	(633,180)
Net changes in non-cash working capital items				
Accounts receivable and other current assets	411,310	(11,732)	(68,139)	(397,537)
Accounts payable and accrued liabilities	(123,035)	821,454	(5,831)	125,597
	(73,088)	**674,896**	**(1,198,593)**	**(905,120)**
Cash flows from (used in) investing activities				
Mineral properties and related expenditures	(2,796,114)	(3,510,152)	(7,537,224)	(7,246,429)
Advances from (repayments to) joint venturer	(700,751)	(590,809)	(77,172)	777,923
Option payments received	806,416	963,654	3,254,576	1,102,704
Purchase of fixed assets	(27,887)	(80,603)	(123,999)	(236,784)
	(2,718,336)	**(3,217,910)**	**(4,483,819)**	**(6,602,586)**
Cash flows from (used in) financing activities				
Owner contributions	2,582,674	2,029,900	5,690,626	7,504,726
	2,582,674	**2,029,900**	**5,690,626**	**7,504,726**
Effect of exchange rates on cash and cash equivalents	(27,366)	(108,761)	(179,594)	(60,998)
Increase (decrease) in cash and cash equivalents	**(236,116)**	**(621,875)**	**(171,380)**	**936,022**
Cash and cash equivalents, beginning of the period	1,160,034	1,331,414	1,331,414	395,392
Cash and cash equivalents, end of the period	**$ 923,918**	**$ 709,539**	**$ 1,160,034**	**$ 1,331,414**

The accompanying notes are an integral part of these financial statements.

SURAMINA RESOURCES
CONSOLIDATED SCHEDULE OF MINERAL PROPERTIES AND RELATED EXPENDITURES
(All amounts in United States dollars)

	San Juan Argentina	Patagonia Argentina	La Rioja Argentina	Mendoza Argentina	CVRD Argentina	Jogmec Argentina/Chile	Properties Chile	Total
Balance, December 31, 2004	$ 3,331,965	$ 1,006,285	$ 38,508	$ 348,552	$ -	$ 279,082	$ 43,050	$ 5,047,442
Acquisition, permits and taxes	221,568	1,472	219,372	174,153	11,055	157,193	44,418	829,231
Drilling	1,200,065	181,481	3,619	-	16	214,002	-	1,599,183
Environmental/social development	312	208	-	93,073	1,852	864		96,309
Excavation	125,382	15,753	13,503	-	4,836	132,672	-	292,146
Geophysical, staking and maps	70,442	36,131	66,130	95,527	328	74,536	-	343,094
Office and general	287,128	105,532	45,133	111,314	9,856	135,301	-	894,264
Option payment	231,070	-	-	-	-	-	-	231,070
Professional fees	358,255	312,501	46,236	261,542	37,774	209,351	-	1,225,659
Sampling and testing	154,929	79,964	5,883	93,616	546	31,815	-	366,753
Technical and field staff	326,637	51,678	45,872	88,415	14,594	131,036	-	656,232
Transport and travel	80,117	82,238	6,095	82,646	4,933	82,920	-	338,949
Value added taxes	401,346	123,696	64,073	142,384	12,459	145,943	-	889,901
	3,457,251	990,654	515,916	1,140,670	98,249	1,315,633	44,418	7,562,791
Option payments received	-	-	-	-	-	(1,102,704)	-	(1,102,704)
Incurred during the year	3,457,251	990,654	515,916	1,140,670	98,249	212,929	44,418	6,460,087
Write-off of mineral properties	(550,469)	(750)	-	-	-	-	-	(551,219)
Balance, December 31, 2005	6,238,747	1,996,189	554,424	1,489,222	98,249	492,011	87,468	10,956,310
Acquisition, permits and taxes	84,544	20,598	165,481	218,849	134,626	288,604	54,993	967,695
Drilling	750,207	184,284	259,553	114,837	151,545	283,900	-	1,744,326
Environmental/social development	2,154	1,867	-	101,998	5,321	2,798	-	114,138
Excavation	67,508	9,842	41,280	14,640	105,042	133,086	-	371,498
Geophysical, staking and maps	19,652	2,991	5,154	2,465	82,039	133,644	-	245,945
Office and general	181,933	109,103	106,514	117,382	167,103	182,315	-	864,350
Professional fees	314,755	212,579	104,696	213,727	343,022	163,934	-	1,352,713
Sampling and testing	59,600	48,340	22,871	18,333	69,455	25,008	-	243,607
Stock based compensation	37,329	-	37,328	44,794	-	-		119,451
Technical and field staff	251,038	30,235	96,531	33,938	214,293	156,373	-	782,408
Transport and travel	74,409	50,570	28,181	50,498	96,404	73,896	-	373,958
Value added and bank taxes	189,897	66,079	64,508	78,067	92,846	103,205	-	594,602
	2,033,026	736,588	932,097	1,009,528	1,461,696	1,546,763	54,993	7,774,691
Option payments received	-	-	-	-	(1,559,945)	(1,694,631)	-	(3,254,576)
Incurred during the year	2,033,026	736,588	932,097	1,009,528	(98,249)	(147,868)	54,993	4,520,115
Write-off of mineral properties	(3,340)	(26,103)	-	(1,481,082)	-	-	-	(1,490,525)
Balance, December 31, 2006	8,268,433	2,706,674	1,486,521	1,037,668	-	344,143	142,461	13,985,900
Acquisition, permits and taxes	24,605	6,582	1,512	41,267	11,534	448,456	-	533,956
Drilling	481,484	87,894	45,740	-	-	-	-	595,098
Environmental/social development	5,989	1,374	3,068	8,326	2,059	109	-	20,925
Excavation	73,102	28,475	23,067	-	17,000	41,298	-	182,940
Geophysical, staking and maps	4,498	228	18,783	-	-	41,804	-	65,313
Office and general	99,525	30,451	15,537	9,636	11,410	38,775	-	205,334
Professional fees	144,277	58,625	17,910	12,524	56,885	38,101	15,570	343,892
Sampling and testing	22,187	10,413	111	1,964	1,947	14,623	-	51,245
Technical and field staff	174,095	20,560	27,216	117	1,547	24,999	-	248,534
Transport and travel	49,706	24,393	4,939	4,206	3,300	28,825	-	115,369
Value added and bank taxes	125,105	25,848	32,400	7,630	10,176	39,778	-	240,937
	1,204,553	274,843	190,283	85,670	115,858	718,768	15,570	2,603,543
Option payments received	-	-	-	-	(105,665)	(700,751)	-	(806,416)
Incurred during the period	1,204,553	274,843	190,283	85,670	10,193	16,015	15,570	1,797,127
Balance, March 31, 2007	$ 9,472,986	$ 2,981,517	$ 1,676,804	$ 1,123,338	$ 10,193	$ 360,158	$ 158,031	$ 15,783,027

1. TRANSFER OF ASSETS AND GOING CONCERN

On April 11, 2007, Tenke Mining Corp. ("Tenke") announced a Plan of Arrangement (the "Arrangement"), whereby Tenke will be divided into two separate companies. Tenke will convey its South American assets and cash in the amount of $5 million to a newly-incorporated wholly-owned subsidiary, Suramina Resources ("Suramina" or the "Business"). The shares of Suramina will be distributed to Tenke shareholders, with the exception of dissenting shareholders, pursuant to the Arrangement and upon completion, Tenke will continue to hold its interests in the Tenke Fungurume copper/cobalt deposits under development in the Democratic Republic of Congo.

The Arrangement is subject to approval by the shareholders of Tenke, applicable regulatory authorities and the Supreme Court of Ontario.

These consolidated financial statements reflect the financial position, statements of loss, comprehensive loss and deficit and cash flows of the South American assets of Tenke presented under the continuity of interests basis of accounting whereby the balance sheet amounts are based on the amounts recorded by Tenke. The consolidated statements of loss include an allocation of Tenke's general and administrative expenses for each period presented. The allocation of general and administrative expenses was calculated on a reasonable basis as determined by management. No allocation has been provided with respect to the opening deficit for transactions prior to January 1, 2005. Management cautions readers of these consolidated financial statements that the allocation of expenses does not necessarily reflect future general and administrative expenses.

While these financial statements have been prepared on a going concern basis which assumes the realization of assets and liquidation of liabilities in the normal course of business, there are conditions that cast significant doubt on the validity of this assumption. As at March 31, 2007, the Business has working capital of $1.3 million and no sources of funding, other than Tenke and the $5 million to be conveyed by Tenke upon closing of the Arrangement. The Business' ability to continue as a going concern is dependent on the ability of the Business to raise equity financing and to attain profitable operations. If the use of the going concern assumption was not appropriate, the changes to these financial statements would be material.

2. NATURE OF OPERATIONS

The Business, together with its subsidiaries, is engaged in exploring, acquiring and developing precious and base metal properties in South America. The Business has wholly owned copper/gold mineral concessions and options under active exploration to acquire interests in various properties located in Argentina and Chile (note 4).

The recoverability of the cost of mineral properties and related deferred exploration expenditures is dependent upon the Business' ability to discover economically recoverable reserves, preserve its interest in the underlying mineral claims, obtain necessary financing to complete its projects, and attain future profitable production or alternatively, upon the Business' ability to dispose of its interests on an advantageous basis. Changes in future conditions could require material reductions in the carrying amount of mineral properties and related fixed assets.

The mineral properties are also subject to title and sovereign risks, including political and economic instability, government regulations relating to mining, military repression, civil disorder, currency fluctuations and inflation, all or any of which may impede the Business' activities or may result in the impairment or loss of part or all of the Business' interest in the properties.

3. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The consolidated financial statements of the Business are prepared in accordance with accounting principles generally accepted in Canada and applied on a consistent basis. A summary of the Business' significant policies is as follows:

(a) Basis of consolidation

These consolidated financial statements include the accounts of the Business and all directly or indirectly owned subsidiaries. All significant inter-company balances and transactions have been eliminated upon consolidation.

(b) Use of estimates

The preparation of financial statements in conformity with Canadian generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Significant areas requiring the use of management estimates include the determination of reclamation obligations, the recoverability of mineral properties, the assumptions used in the determination of the fair value of stock based compensation and future income tax. Actual results could differ from those estimates.

(c) Reporting currency and foreign currency translation

The majority of the Business' transactions are denominated in US dollars and, accordingly, these consolidated financial statements have been measured and expressed in that currency. The Business has limited exposure to fluctuation between the US dollar and other foreign currencies.

The Business follows the temporal method of accounting for the translation of foreign currency denominated amounts into US dollars. Under this method, monetary assets and liabilities are translated into US dollars at exchange rates prevailing at the balance sheet date; non-monetary assets and liabilities are recorded at historical rates; and revenues and expenses are translated at approximate exchange rates prevailing on the dates of the respective transactions, except for amortization which is recorded at historical rates.

Foreign exchange gains or losses on translation are included in the consolidated statement of operations in the period in which they occur.

(d) Cash and cash equivalents

Cash and cash equivalents are comprised of cash, short-term notes and bank deposits with an original maturity of three months or less.

(e) Supplies inventory

Supplies inventory is valued at the lower of cost and net realizable value.

(f) Mineral properties and related expenditures

Mineral properties and related expenditures are carried at cost. If a project is unsuccessful or if exploration ceases because continuation is not economically feasible, the capitalized costs are written off.

Option payments received and cost reimbursements receivable pursuant to terms of option agreements have been applied against project expenditures. Under the option agreements, these amounts may give rise to future claims against the assets of the Business.

The recoverability of the cost of mineral properties and related deferred exploration expenditures is dependent upon the Business' ability to discover economically recoverable reserves, preserve its interest in the underlying mineral claims, obtain necessary financing to complete its projects, and attain future profitable production or alternatively, upon the Business' ability to dispose of its interests on an advantageous basis. Management assesses the recoverability of individual mineral properties when events or changes in circumstances indicate that the carrying amounts of the related asset may not be recoverable. If estimated future non-discounted cash flows, using management's estimates of forward prices and the likelihood of achieving planned operations, are not sufficient to recover the carrying value for the properties, the deferred costs are written down, if necessary, to the estimated fair value determined using discounted cash flows.

Although the Business has taken steps to verify the title to the mineral properties it has acquired, these procedures do not guarantee that the titles are without defects. Property title may be subject to unregistered prior agreements, transfers or claims of ownership by third parties.

(g) Fixed assets

Fixed assets are recorded at cost. Amortization is provided on a straight-line basis over varying periods of three to ten years according to the expected life of the asset. Amortization charged in respect of fixed assets supporting the exploration and development of mineral resources is capitalized to mineral properties and related expenditures.

(h) Basic and diluted loss per common share

The Business is not a legal entity and does not have any issued shares. After the incorporation of the Business, basic and diluted loss per share will be presented. Basic loss per share is computed by dividing net loss by the weighted average number of outstanding common shares for the period. The Business will follow the treasury stock method in the calculation of diluted loss per share. Under the treasury stock method, the weighted average number of common shares outstanding for the calculation of diluted net loss per share assumes that the total of the proceeds to be received on the exercise of dilutive stock options and the unrecognized portion of the fair value of stock options is applied to repurchase common shares at the average market price for the period. A stock option is only dilutive when the average market price of common shares during the period exceeds the exercise price of the stock option and when the Business has not incurred a loss.

(i) Income taxes

The Business is not a legal entity and does not file an income tax return. After the incorporation of the Business and the execution of the transfer in accordance with the Arrangement, the final tax basis of assets and liabilities will be established.

The Business will account for income taxes using the asset and liability method. Under this method, future income tax assets and liabilities are determined based on differences between the financial statement carrying values of existing assets and liabilities and their respective income tax bases (temporary differences), and for losses carried forward. Future income tax assets and liabilities are measured using the substantively enacted tax rates and laws expected to be in effect when the temporary differences are likely to reverse. The effect on future income tax assets and liabilities of a change in tax rates is included in operations in the period in which the change is substantively enacted. The amount of future income tax assets recognized will be limited to the amount of the benefit that is more likely than not to be realized.

(j) Stock options

Stock options awarded to employees and non-employees by Tenke are measured and recognized in the statement of operations and deficit or added to mineral properties at the fair value of the award. The fair value of all forms of stock based compensation is charged to the consolidated statement of operations and deficit or capitalized to mineral properties over the vesting period of the options granted. Fair value is estimated using the Black-Scholes Option Pricing Model.

Since the Business was not incorporated, there have been no stock options issued directly by the Business during the periods presented. Stock-based compensation amounts included in the consolidated financial statements represent allocations of Tenke's related stock-based compensation amounts as outlined in note 1.

(k) Concentration of credit risk

Financial instruments that potentially subject the Business to a significant concentration of credit risk consist primarily of cash and cash equivalents and accounts receivable. The Business limits its exposure to credit loss by placing its cash and cash-equivalents with major financial institutions.

(l) Financial instruments

Effective January 1, 2007, the Business adopted a new accounting standard issued by the Canadian Institute of Chartered Accountants under section 3855, which requires that all financial assets, except those classified as held to maturity, and derivative financial instruments, must be measured at fair value. All financial liabilities must be measured at fair value when they are classified as held for trading; otherwise, they are measured at cost. Investments classified as available for sale are reported at fair market value (or mark to market) based on quoted market prices with unrealized gains or losses excluded from earnings and reported as other comprehensive income or loss.

(m) Comprehensive Income

Effective January 1, 2007, the Business adopted a new accounting standard issued by the Canadian Institute of Chartered Accountants under section 1530 for reporting comprehensive income, which is the change in the Business' net assets that results from transactions, events and circumstances from sources other than the Business' shareholders and includes items that would not normally be included in net earnings such as unrealized gains or losses on available-for-sale investments. Other comprehensive income includes the holding gains and losses from available for sale securities which are not included in net income (loss) until realized.

(n) Fair values of financial instruments

The fair values of the Business' financial instruments, consisting of cash and cash equivalents, accounts receivable, and accounts payable and accrued liabilities, approximate their carrying values due to the short-term nature of those instruments.

4. MINERAL PROPERTIES

The Business' significant mineral properties are as follows:

(a) Argentina Properties

(i) Lirio Property: copper/gold exploration property in San Juan Province

During 2003, the Business entered into an option agreement to earn a 100% ownership in the Lirio properties. Pursuant to the option agreement, the Business is required to make staged payments aggregating $813,000 between 2003 and 2009. As at December 31, 2006, the Business has paid $167,000 (2005 - $107,000). If a mine is put into production, the underlying property holder is also entitled to a 0.5 % Net Smelter Return and a further $2 million within 6 months following the second complete year of mine operations.

(ii) Vicuña Concina Property: copper/gold exploration property in San Juan Province

On December 17, 2002, the Business entered into an option agreement to earn a 60% interest in the Vicuña Concina properties over a 5-year option term by spending a minimum of $100,000 in exploration expenditures (spent) and $550,000 in option payments. Within 30 months after a mine goes into production, an additional $1,100,000 is payable as the final option payment. The Business may earn a 75% interest, at its option, by paying an additional $250,000 for the additional 15% interest on or before April 30, 2008 and a full 100% interest ownership in the property by paying an additional $750,000 on or before December 30, 2009 for the remaining 25% interest.

(iii) JOGMEC Joint Venture

During 2004, the Business signed a Letter of Intent and Preliminary Agreement with Japan Oil, Gas and Metals National Business ("JOGMEC") on the Business' Vicuna copper/gold project in northwest Argentina. The Preliminary Agreement provides that JOGMEC can earn a 40% interest in certain of the Vicuna properties (note 4(ii)) through expenditures of $5.0 million over a four year period with a minimum first year commitment of $700,000. Amounts advanced by JOGMEC to the end of December 31, 2006 were $ 3.1 million.

(iv) Companhia Vale Rio Doce/Rio Doce Argentina S.A. ("CVRD") Joint Venture

During 2006, the Business signed a comprehensive Investment Agreement (the "Agreement") with CVRD providing CVRD with an option to earn a controlling interest in the Business' holdings in the Las Flechas, TNR Northern Properties and a limited number of other Business-staked properties in Argentina and Chile ("the Properties"). The Properties are predominantly in San Juan Province, Argentina. Under the terms of the Agreement, CVRD has the right to earn 52.5% of the Business' interests in the Properties in return for funding exploration expenditures of US $7 million by April 18, 2009. Amounts advanced by CVRD to December 31 2006 were $1.6 million.

(v) Batidero Property: gold/silver exploration property in San Juan Province.

On July 1 2002, the Business entered into an option agreement with TNR Resources Ltd. ("TNR") to earn a 75% interest in the Batidero property, by spending CDN$1.5 million over a four-year period and issuing 100,000 shares to TNR. As at December 31, 2006, the Business has earned its 75% interest in accordance with the earn-in agreements, fulfilling the share issuance obligations under the amended agreements.

Under the terms of the amended Batidero earn-in agreements, the Business can earn a 75% interest in the TNR Northern Properties by the issuance of an additional 100,000 shares of the Business and expending an additional CDN$500,000 over an option period extending to June 30, 2007 (Note 4 (ix)). In December 2006 the Business had earned its 75%, triggering the funding obligation by TNR to support their 25% participating interest.

(vi) Las Flechas Project: copper/gold exploration property in San Juan Province

During 2004, the Business signed an agreement with Viceroy Exploration Ltd., whereby the Business can earn a 75% interest in the Las Flechas Project through minimum annual exploration expenditures aggregating $4.5 million over 5 years.

(vii) Castano Minas and Nuevo Projects: gold exploration properties in San Juan Province

During 2004, the Business signed an agreement with Pesado/Segui whereby the Business could earn a 100% interest in the Castano Minas Project through payments in stages totaling $305,000 over 6 years, a further payment of $1,400,000 and a 0.3% net smelter return ("NSR"). Also during 2004, the Business signed an agreement with Sanchez/Bastida/Arturo on an adjoining property called Castano Nuevos whereby the Business could earn a 100% interest, subject to a 0.5% NSR, in the Castano Nuevo Project through payments in stages of $750,000 over 5 years and a further payment of $1,600,000 if a mine is developed. As a result of disappointing drilling results during 2005, the Business relinquished both the Castano Minas and Nuevo Projects and accordingly wrote off expenditures of $550,469 to operations.

(viii) Mendoza Concina Property: copper/gold exploration properties in Mendoza and San Juan Provinces

On October 31, 2002, the Business entered into an option agreement to earn a 75% interest in the Mendoza Concina properties over a 6-year option term by spending a minimum of $100,000 in exploration expenditures and $250,000 in option payments. Within 24 months after a mine goes into commercial operation, an additional $250,000 is payable as the final option payment. The Business may earn a full 100% interest, at its option, by paying an additional $750,000 for the remaining 25% interest after initial earn-in.

(ix) Northern Properties: copper and gold exploration property in San Juan/La Rioja Province

During 2004, the Business acquired the earn-in rights to TNR Resources Ltd.'s ("TNR") Northern Properties, a package of copper/gold exploration concessions in San Juan and La Rioja Provinces, Argentina. These concession rights have been added to the earn-in agreement currently existing between the Business and TNR in connection with the Batidero Property (note 4 (v)).

(x) La Chola Project: copper and gold exploration property in La Rioja Province

During 2004, the Business signed an agreement with Lancaster/Didier/Angel de Antonio whereby the Business can earn a 100% interest in the La Chola Project through payments in stages totaling $375,000 over 8 years subject to a 1 % NSR.

(xi) El Potro Project: copper and gold explorations property in La Rioja, Province

During 2005, the Business signed an option agreement with Yacimientos Mineros Riojanos S.A. ("YAMIRI"), to acquire a controlling interest in the El Potro porphyry project. Pursuant to the terms of the option agreement, the Business can acquire a 70% interest in the project through overall expenditures of $2.8 million and cash payments to YAMIRI totaling $1 million over an earn-in period of five years. The Business is operator of the project. Upon earn-in, the Business and YAMIRI will finance further exploration in proportion to their respective interest, and industry-standard dilution clauses apply. If a party is diluted to a 5% interest or less, its remaining rights will be converted into a 1% NSR, which can be purchased by the other party for $5 million. If a decision to build is reached, YAMIRI will receive a payment of $1 million.

(xii) Paramillos Project: copper and gold explorations property in Mendoza Province

During 2005, the Business signed an earn in agreement with Minera del Oeste ("MIDO") whereby the Business can earn an 80% interest in the Paramillos copper/gold properties ("Paramillos") in Mendoza province by the payment in stages of a total of $783,000 over 5 years and expending $2,300,000 in exploration over 7 years. The Business has the right to purchase the remaining 20% interest in the property for $13 million to own 100% of Paramillos.

A party by the name of Bull Minera S.A. ("Bull") appealed a provincial decree related to the award of the Paramillos concessions to MIDO. MIDO requested the courts to apply a constructive abandonment of the Bull claim because of failure to submit such a claim within the legally established deadlines. A court decision in April 2005 supported the Business' position that the Bull claims were not valid.

Surface exploration work advanced on the property during 2005 but drilling has been delayed indefinitely pending resolution of surface access issues with the underlying surface owner and the need for action by the responsible Provincial authorities to enforce the Business' rights to access. These issues are being addressed with the responsible Provincial authorities and the federal Secretary of Mines however no tangible progress has been made, and the Business put the property obligations into Force Majeure. Accordingly, the Business considers the Paramillos Project to be impaired and has written off expenditures totaling $1,232,993 to operations for the year ended December 31, 2006.

(xiii) Papagallos Project: copper and gold explorations property in Mendoza Province

In 2005, the Business signed a mining exploration contract with option to purchase and operate with Minera Agaucu SRL ("Agaucu") ") and an assignment agreement with Agauca of Agauca's memorandum of agreement with Mim Argentina Explorations S.A. ("Mimexa") to acquire an 80% interest in the Papagallos Property in Mendoza Province. Under the terms of the Assignment agreement with Mimexa, the Business is required to make payments over a 5 year period in the aggregate amount of $525,000 and exploration expenditures of $500,000. Under the terms of the Option Agreement with Agaucu, the Business is required to make payments over 5 years aggregating $1.225 million with exploration expenditures of $200,000. Upon commencement of mine production, the Business would be required to pay Agaucu $675,000 pursuant to the Assignment agreement and $1.575 million under the Option agreement after the second year of production start-up. In addition, Mimexa and Agaucu would be entitled to a 2% NSR and a 0.5% NSR, respectively.

As the Papagallos property has been affected by the recent Mendoza Province park boundary expansion, material obligations under the earn in agreement have been suspended under Force Majeure, in accordance with the provisions of the agreements, until the issues are resolved with the Province. Accordingly, the Business considers the Papagallos property to be impaired and has written off expenditures totaling $238,687 to operations for the year ended December 31, 2006.

(b) Chile Properties

The Business has acquired by staking several mineral exploration concessions directly across the border in Chile from Vicuna Concina Property (most notably the Los Helados Property currently under drilling with JOGMEC funding) and in southern Chile across the border from the El Bagual Property. Costs expended during 2006 on these properties were primarily related to claim maintenance costs and have been capitalized to mineral property expenditures.

5. SHARE CAPITAL

As at March 31, 2007 the Business was not incorporated and had no authorized or issued share capital.

6. OWNER CONTRIBUTIONS

For the period from January 1, 2005 to March 31, 2007 owner contributions were provided by Tenke in the form of cash funding, allocation of cash costs and allocation of stock-based compensation expense as follows:

Balance, December 31, 2004	**$ 10,842,575**
Owner cash contributions	7,340,356
Allocations from owner:	
Cash costs	164,370
Shares issued related to mineral properties and related expenditures	231,070
Stock-based compensation expense recorded to operating expenses	16,706
Balance, December 31, 2005	**18,595,077**
Owner cash contributions	5,536,401
Allocations from owner:	
Cash costs	154,225
Stock based compensation expense capitalized to mineral properties and related expenditures	119,451
Stock-based compensation expense recorded to operating expenses	350,139
Balance, December 31, 2006	**24,755,293**
Owner cash contributions	2,427,568
Allocations from owner:	
Cash costs	155,106
Stock-based compensation expense recorded to operating expenses	50,163
Balance, March 31, 2007	**$ 27,388,130**

7. SEGMENTED INFORMATION

The Business is engaged solely in the exploration and development of mineral properties primarily in Argentina and Chile. Segmented information about mineral properties and fixed assets is disclosed elsewhere in these consolidated financial statements. The Business' fixed assets are primarily located in Argentina.

8. COMMITMENTS AND CONTINGENCIES

The Business has the following commitments and contingencies in addition to those noted elsewhere in these consolidated financial statements:

(a) Site Restoration Costs

No provision is made for site restoration costs in respect of any exploration or development location and management believes no significant liabilities presently exist.

(b) Operating Leases

The Business has commitments under operating leases for rental of office spaces in Argentina, which expire in 2008. The future minimum lease payments are $54,000 during 2007 and $31,000 during 2008.

9. INCOME TAXES

The Business is not a legal entity and does not file an income tax return. After the incorporation of the Business and the execution of the transfer in accordance with the Arrangement, the final tax basis of assets and liabilities will be established.

10. SUBSEQUENT EVENTS

(a) Plan of Arrangement

Subsequent to March 31, 2007 Tenke and the Business entered into a definitive agreement with Lundin Mining Corporation ("Lundin Mining") to combine Tenke and Lundin Mining. The transaction will be completed by way of a Plan of Arrangement (the "Arrangement"). At closing, all Tenke common shares will be automatically exchanged on the basis of 1.73 Lundin Mining common shares and Cdn $0.001 in cash for each Tenke common share. Pursuant to the Arrangement, Tenke will convey its South American assets and cash in the amount of $5 million to the Business and the Business' shares will be distributed to Tenke shareholders, with the exception of dissenting shareholders, pursuant to the Arrangement. Application will be made to list the common shares of the Business on the Toronto Stock Exchange.

The transaction is conditional upon the Tenke shareholders approving the Arrangement by a 66 ⅔% majority via special resolution as well as other customary conditions and regulatory approvals. Lundin Mining has elected to hold a special shareholders meeting to approve the issue of Lundin Mining common shares pursuant to the Arrangement by a 50.1% majority via ordinary resolution. The transaction is expected to close July 3, 2007.

Tenke has agreed to pay a break fee of Cdn $30 million to Lundin Mining in certain circumstances and has granted Lundin Mining the right to match competing offers. Tenke is entitled to a payment of a termination fee in the amount of Cdn $3 million in the event that Lundin Mining's shareholders do not approve the issue of Lundin Mining common shares pursuant to the Arrangement.

(b) Incorporation

The Business was incorporated as 6749467 Canada Inc. (the "Company"), a federal Corporation under the Canada Business Corporations Act, with unlimited share capital on April 5, 2007. On May 15, 2007, articles of amendment were filed and the Company changed its name to Suramina Resources Inc. and amended its share capital through creation of an unlimited number of voting non-participating Class A shares.

Notice pursuant to Section 4.9 of National Instrument 51-102, filed July 3, 2007

Notice Pursuant to Section 4.9 of National Instrument 51-102

Names of the Parties to the Transaction

Plan of Arrangement as of July 3, 2007 pursuant to section 192 of the Canada Business Corporations Act involving:

Tenke Mining Corp. ("**Tenke**")

Lundin Mining Corporation ("**Lundin Mining**")

Suramina Resources Inc. ("**Suramina**")

The Shareholders of Tenke

Description of Transaction

Lundin Mining acquired all of the issued and outstanding shares of Tenke (the "**Tenke Shares**") by way of a court approved plan of arrangement under section 192 of the Canada Business Corporations Act (the "**Arrangement**"). Pursuant to the Arrangement, holders of Tenke Shares received 1.73 Lundin Mining Shares plus CND$0.001 in cash and one common share of Suramina, for each Tenke Share held.

Holders of Tenke stock options outstanding immediately before the effective date will be exchanged for a stock option to be issued by Lundin Mining (upon exercise of the number of Tenke common shares to which such optionee was otherwise entitled to be mulitiplied by 1.73). In addition, each Tenke stock option, which by its terms, would expire 90 days after the holder ceased to be eligible to hold options under the Tenke stock option plan shall be deemed to amended to provide that such option shall not expire until 180 days after the holder of such options ceased to be eligible to hold options under the Tenke stock option plan.

The Arrangement was approved by shareholders of Tenke on June 18, 2007 and became effective on July 3, 2007.

Effective Date of Transaction

July 3, 2007

Names of Each Party that Ceased to be a Reporting Issuer Subsequent to the Transaction and Each Continuing Entity

Upon completion of the Arrangement, Tenke became a direct wholly-owned subsidiary of Lundin Mining. Lundin Mining continues to be a reporting issuer in each of British Columbia, Alberta, Ontario, Quebec and Nova Scotia and its financial year end

continues to be December 31. Applications will be made to applicable securities regulatory authorities to have Tenke deemed to have ceased to be a reporting issuer.

Upon completion of the Arrangement, Suramina became a reporting issuer in the provinces of British Columbia, Alberta, Saskatchewan, Ontario and Quebec.

Date of the Reporting Issuer's First Financial Year-End Subsequent to the Transaction

Suramina: six month period ended June 30, 2007, nine month period ended September 30, 2007 and year ended December 31, 2007.

Dated: July 3, 2007

END