

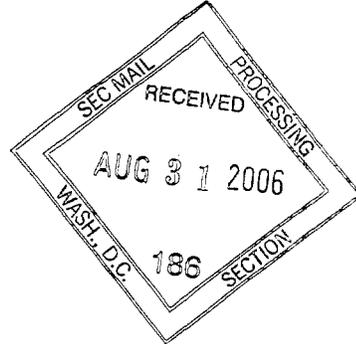
NORTHERN ABITIBI MINING CORP.

SUITE 500, 926 - 5 AVE. S.W.
CALGARY, AB T2P 0N7 CANADA
TEL: (403) 233-2636
FAX: (403) 266-2606
www.gold.ca
NAI:CDNX

FILE No.
82-4749



06016461



August 23, 2006

United States Securities
& Exchange Commission
Washington, DC 20549
U.S.A

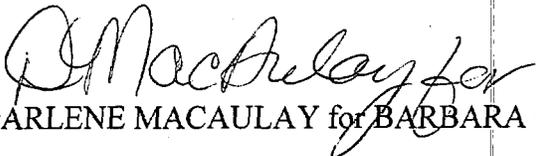
Dear Sirs:

RE: Foreign Private Issuer Exemption File No. 82-4749
News Release Dated August 23, 2006

Please find enclosed 3 copies of the news release listed above.

Yours very truly,

NORTHERN ABITIBI MINING CORP.


DARLENE MACAULAY for BARBARA O'NEILL

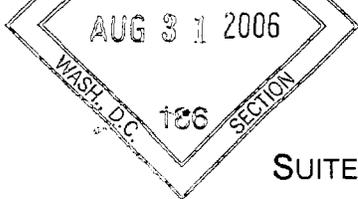
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FILE No.
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NORTHERN ABITIBI MINING CORP.

SUITE 500, 926-5TH AVENUE S.W., CALGARY, ALBERTA, T2P 0N7
PH: 403.233.2636 FAX: 403.266.2606

NEWS RELEASE

AUGUST 23, 2006

News Release: **06-07**

Trading Symbol: **TSX Venture-NAI**

For Further Information Contact: **Shane Ebert or Jean Pierre Jutras at 1.403.233.2636**
Web: <http://www.naminco.ca>

NORTHERN ABITIBI HAS RECEIVED DRILL PERMITS FOR THE COLD SPRINGS PROPERTY, NEVADA

Northern Abitibi Mining Corp. ("Northern Abitibi") is pleased to announce that drilling permits have successfully been obtained for the Cold Springs Property. A drill program consisting of 4 holes, each up to 450 meters deep, will commence as soon as a drill contractor is available. Discussions with drill contractors are ongoing and current estimates indicate a drill may be available in October or November.

The Cold Springs Property contains an epithermal gold-silver prospect that has similarities to deposits such as Midas, Nevada (>5,000,000 ounces of gold) and Sleeper, Nevada (>2,000,000 ounces gold). Additional information on the Cold Spring property, along with a summary of the results of the surface exploration program is available on our website at www.naminco.ca.

"Shane Ebert"
Shane Ebert
President/Director

The TSX Venture Exchange has neither approved nor disapproved of the contents of this press release.

Except for the historical and present factual information contained herein, the matters set forth in this news release, including words such as "expects", "projects", "plans", "anticipates" and similar expressions, are forward-looking information that represents management of Northern's internal projections, expectations or beliefs concerning, among other things, future operating results and various components thereof or the economic performance of Northern. The projections, estimates and beliefs contained in such forward-looking statements necessarily involve known and unknown risks and uncertainties, which may cause Northern's actual performance and financial results in future periods to differ materially from any projections of future performance or results expressed or implied by such forward-looking statements. These risks and uncertainties include, among other things, those described in Northern's filings with the Canadian securities authorities. Accordingly, holders of Northern shares and potential investors are cautioned that events or circumstances could cause results to differ materially from those predicted. Northern disclaims any responsibility to update these forward-looking statements.

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