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NEWS RELEASE

2004 Drilling expands Eau Claire gold vein system

Trading Symbol: ER – The Toronto Stock Exchange

January 21, 2005

Eastmain Resources Inc. (TSX:ER) announced assay results from the 2004 drill program (holes 38 to 51) completed at its Clearwater Project, Quebec. Eight of fourteen drill holes intersected gold-bearing quartz-tourmaline veins ranging from 4.1 to 42.6 grams per tonne (gpt) gold, with an average grade of 8.4 gpt gold (0.24 ounces per ton) across an average thickness of 2.17 metres or 7.12 feet. Eight vein intersections include assay intervals ranging from **0.72 ounces per ton up to 1.66 ounces per ton**. The 2004 drill program has expanded the Eau Claire gold vein system and will have a positive impact on increasing the size of the gold resource. Drilling at Eau Claire has confirmed that the high-grade gold-bearing vein system is both laterally and vertically extensive.

This 9,407-metre drill program tested the vein system with wide-spaced holes over a distance of 1.3 kilometres. The Eau Claire deposit was drilled between vertical depths of 400 to over 700 metres. Significant assay results are summarized in Table 1. High-grade gold veins previously reported in hole 38 (13.7 gpt gold across 5.0 metres or **0.40 oz ton/16.4 ft**, including 42.6 gpt gold across 1.5 metres or **1.24 oz ton /4.92 ft**) and in hole 44 (11.9 gpt gold /1.5 metres or **0.35 oz/ton/4.92 ft**, 19.0 gpt gold /1.6 metres or **0.56 oz/ton/5.25 ft** and 20.4 gpt gold /1.4 metres or **0.59 oz/ton/4.59 ft**) have been extended laterally in hole 49. Two parallel veins intersected in hole 49 assayed 4.1 gpt gold over 3.8 metres or 0.12 oz/ton/12.5 ft, including 24.5 gpt gold across 0.50 metre or **0.74 oz/ton** and 3.49 gpt gold/1.7 metres or 0.10 oz/ton/5.58 ft.

Holes 45 and 48 intersected gold-bearing quartz-tourmaline veins below 700 metres vertical depth. Both holes intersected high-grade intervals ranging from 24.5 to 39.5 gpt gold or **0.72 to 1.15 ounces gold per ton** and wide sections of lower grade vein material ranging from 0.05 ounces gold per ton across 28.5 feet to 0.21 ounces gold per ton over 13.8 feet. Drilling to date has confirmed a wide range in gold grades within the Eau Claire vein system. Past work indicates that although some intersections are lower in grade, additional sampling within a particular vein often yields much higher average gold grades than those originally reported from wide-spaced drilling.

A new resource estimate will be prepared in accordance with National Instrument 43-101. The Corporation is seeking permits to complete a 10,000-tonne bulk sample from the P, JQ and R veins with the objective of defining mining and milling parameters for the deposit. Further regional exploration is also recommended to search for a second gold deposit on the Clearwater property.

Note: All diamond drilling at Clearwater was carried out using NQ diamond core. Chemical analysis was completed by ALS Chemex using 50-gram splits and fire assay/gravimetric techniques. Internal standards provided by an independent company and locally derived blank samples were inserted for quality control purposes. Richard Roy, PGeo., consulting geologist, is Eastmain Resources' qualified person on this project.

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For further information please contact Eastmain Resources Inc.: Donald J. Robinson, President or Catherine Butella, Exploration Manager at (519) 940-4870; fax (519) 940-4871, by e-mail: robinson@eastmain.com or visit our website at www.eastmain.com. Note: Drill Plan and long section available on website.

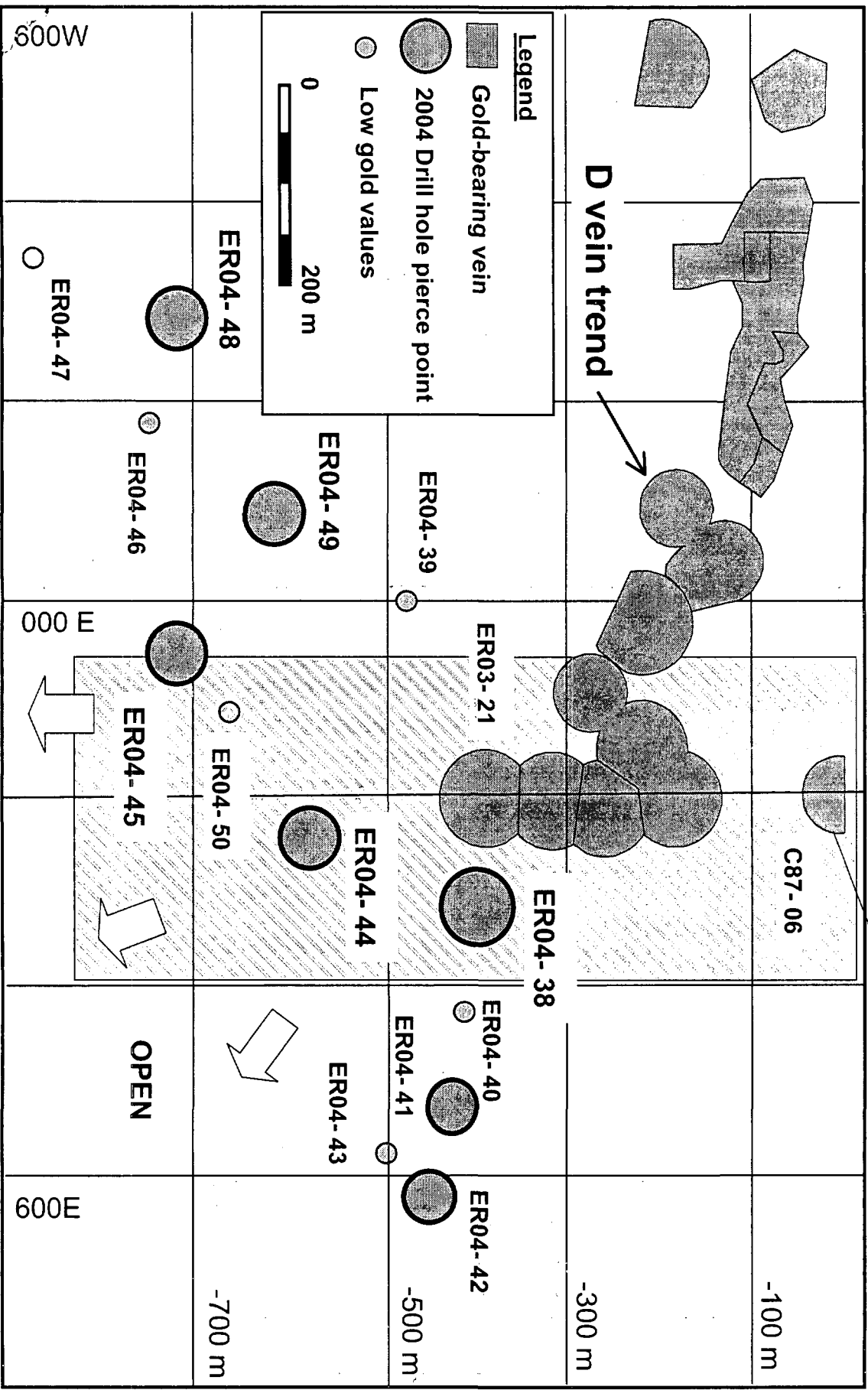
The statements made in this Press Release may contain forward-looking statements that may involve a number of risks. Actual events or results could differ materially from the Company's expectations and projections.

Clearwater Project: 2004 Drilling – Assay results for holes 38 to 51

Hole	Interval		metres	feet	Au gpt	Au oz/ton	
	From	To					
ER04-38		191.5	193.0	1.50	4.92	15.9	0.46
	incl.	192.0	192.5	0.50		39.0	1.14
		213.0	214.5	1.50	4.92	7.21	0.21
	incl.	213.0	213.5	0.50		13.5	0.39
		369.0	374.0	5.00	16.4	13.7	0.40
		369.0	369.5	0.50		16.9	0.49
		369.5	370.0	0.50		53.8	1.57
		370.0	370.5	0.50		57.0	1.66
	incl.			1.50	4.92	42.6	1.24
	ER04-41		418.0	420.5	2.50	8.20	4.28
incl.		418.0	418.5	0.50		9.93	0.29
		423.4	425.4	2.00	6.56	4.59	0.13
ER04-42		427.1	428.6	1.50	4.92	8.37	0.24
	incl.	427.1	427.6	0.50		12.1	0.35
	incl.	427.6	428.1	0.50		13.1	0.38
ER04-44		613.0	614.5	1.50	4.92	11.9	0.35
	incl.	613.0	613.5	0.50		35.7	1.04
		619.1	620.7	1.60	5.25	19.0	0.56
	incl.	619.1	619.7	0.60		34.0	0.99
	incl.	619.7	620.2	0.50		11.0	0.32
		629.6	631.0	1.40	4.59	20.4	0.59
	629.6	630.0	0.40		16.5	0.48	
incl.	630.4	631.0	0.60		36.5	1.07	
ER04-45		708.8	710.0	1.20	3.94	5.10	0.15
		722.8	727.0	4.20	13.8	7.08	0.21
	incl.	722.8	723.3	0.50		39.5	1.15
	726.0	726.5	0.50		13.8	0.40	
ER04-46		232.2	232.7	0.50	1.64	5.43	0.16
		750.3	751.5	1.20	3.94	2.58	0.08
ER04-47	No significant assays						
ER04-48		634.8	635.3	0.50	1.64	10.6	0.31
		697.9	701.1	3.20	10.5	2.78	0.08
		704.1	712.8	8.70	28.5	1.85	0.05
	incl.	704.1	705.6	1.50	4.92	9.11	0.27
	incl.	704.1	704.6	0.50	1.64	24.5	0.72
ER-04-49		632.7	636.5	3.80	12.5	4.1	0.12
	incl.	632.7	633.2	0.50	1.64	25.3	0.74
	638.5	640.2	1.70	5.58	3.49	0.10	
incl.	638.5	639.0	0.50	1.64	10.8	0.31	
ER-04-50		629.9	630.4	0.5	1.64	2.47	0.07
		633.0	633.5	0.5	1.64	3.74	0.11
ER04-51	No significant assays						
Average				2.17	7.12	8.37	0.24

Eau Claire Gold Deposit Longitudinal Section - 2004 Drilling (looking north)

497 g/t Au /2m



Clearwater Project - Drill Plan Eau Claire Gold Deposit



Gold-bearing veins (MGV) traced to >600 m depth

450 West Zone

- 6.77 g/t Au/4.8m incl. 25.6 g/t Au
- 5.02 g/t Au/5.4m incl. 21.0 g/t Au
- 21.3 g/t Au/67m x 1.0m
- 119 g/t Au/1.2m
- 58.2 g/t Au/26m x 1.08m
- 30.4 g/t Au/167m x 1.3m
- 18.1 g/t Au/138m x 1.23m
- 118 g/t Au/22m x 0.6m incl. 355 g/t Au/0.91m

LEGEND

Channel sample assays - average grade of samples taken every 5m

length metres

width metres

Average Gold grade grams per tonne

JQ Vein
30.4 g/t Au/167m x 1.3m

Hole#	Azimuth	Dip	Depth	Target
ER04-38	355	-75	457.5 m	D Vein
ER04-39	355	-80	576.0 m	MGV
ER04-40	355	-75	457.0 m	D Vein
ER04-41	355	-75	449.0 m	D Vein
ER04-42	355	-75	489.0 m	D Vein
ER04-43	355	-75	573.0 m	D Vein
ER04-44	355	-75	681.0 m	D Vein
ER04-45	355	-80	801.0 m	MGV, D
ER04-46	355	-80	834.0 m	MGV, D
ER04-47	355	-80	966.0 m	MGV, 6V
ER04-48	355	-80	888.0 m	MGV, 6V
ER04-49	355	-80	818.0 m	MGV, D
ER04-50	355	-80	828.0 m	MGV, D
ER04-51	355	-60	486.0 m	D Vein

MGV - Main Group of Veins