



EASTMAIN

NEWS RELEASE

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Eastmain Mine Property Anomalous gold detected along 6-km trend

Eastmain Resources Inc. (TSX:ER) announced an update of exploration activities completed at its wholly-owned Eastmain Mine property. The 2009 program consisted of soil sampling, geological mapping and prospecting along the main mine trend and in other areas of high mineral potential. Gold-bearing rock and soil samples indicate the potential for a second VMS gold deposit along the mine trend. Anomalous gold was detected in rock sampling over a six kilometre strike-length, coinciding with this trend, northwest of the Eastmain Gold Deposit as follows:

2009 Rock Sampling

- >5 to 43 g/t Au (7 samples)
- > 1 to 5 g/t Au (20 samples)
- >0.5 to 1 g/t Au (7 samples)
- >0.1 to 0.5 g/t Au (25 samples)

Recent sampling has confirmed a clear spatial association of gold-enriched rock samples within the ultramafic and mafic volcanic flows, which host the Eastmain Mine (see Map1, website). Several grab samples taken within an interpreted northwest-trending, quartz-rich mineralized shear zone, extending from an area approximately one kilometre northwest of the deposit to the region south and west of Julian Lake, returned values ranging from 4.38 g/t gold to 43.6 g/t gold.

2009 soil sampling combined with historic sampling reveals a large number of anomalous gold trends (Map 2, website), some of which reflect the known mineralization of the main mine trend, while others define several cross-cutting shears also known to be gold bearing. Several gold-in-soil anomalies are coincident with untested VTEM conductive zones and magnetic anomalies.

B Horizon Soil Sampling

- >100 to 10,000 ppb Au (27 samples)
- >50 to 100 ppb Au (40 samples)
- >20 to 50 ppb Au (80 samples)
- >12 to 20 ppb Au (49 samples)
- >3 to 12 ppb Au (740 samples)

Geological mapping has identified up to four volcanic cycles, of which three are capped by VMS syngenetic-style copper-gold-silver sulphide mineralization. One of these mineralized horizons contains the Eastmain Gold Mine's "A", "B" and "C" zones. Other horizons directly associated with VTEM and magnetic anomalies, were relatively untested by historical drilling. These high-priority targets contain several zones of elevated gold, silver and copper within mineralized volcanic rocks similar to the main mine trend.

Gold-bearing, cross-cutting structures, referred to as "New Shears", which outcrop in the Julian Lake area, northwest of the "A zone" may constitute a low-grade, bulk tonnage target. Previous sampling indicated gold values to greater than 5 g/t Au, but numerous rusty zones and narrow shears have not yet been drill-tested.

Adjacent to this area, at Michel Lake, mineralized felsic intrusive rocks historically returned gold values in the range of 30 to 68 g/t gold. These rocks are common throughout the area and may represent a second, late-stage mineralizing event.

The Eastmain Gold Deposit is reported to contain 255,750 ounces of gold and 4.1 million pounds of copper, including measured resources of 91,500 tons grading 0.268 ounces/ton gold and indicated resources of 786,600 tons at 0.294 ounces/ton gold (Campbell Resources Inc., 2004 Annual Report). These resources are historical estimates and should not be relied upon. These estimates may not be NI43-101 compliant. Alain Blais was the qualified person for Campbell. A qualified person for Eastmain has not done sufficient work to classify the historical estimates as current mineral resources as defined by NI43-101 (Eastmain 2008 Annual Information Form, www.sedar.com).

The Eastmain Gold Deposit has the potential to be extended through drilling, not only along strike, but also at depth and within adjacent horizons stratigraphically above the main mine trend. The **average grade of 106 historic drill holes**, within the A and B Zones of the Eastmain deposit, is **18.92 g/t gold** or **0.55 ounces per ton gold (Au)**, **16.06 g/t silver (Ag)** and **0.24% copper (Cu) across 3.96 metres**. Exceptional drill results within the deposit include 46.71 g/t Au (1.36 ounces per ton), 51.47 g/t Ag and 0.29% Cu over 5.09 metres; 53.28 g/t Au (1.56 ounces per ton), 59.20 g/t Ag and 0.20% Cu over 13.2 metres or 43.3 feet; 125.43 g/t Au (3.66 ounces per ton), 13.80 g/t Ag and 0.12% Cu across 3.66 metres and 36.73 g/t Au (1.07 ounces per ton), 18.88 g/t Ag and 0.21% Cu over 9.05 metres (Table1 - website).

Don Robinson, President and CEO of Eastmain states, *"The Eastmain Gold Deposit displays strong geological similarities to the main gold zone previously mined at Detour Lake. The exploration potential of the Eastmain project is excellent, with both high-grade gold and large bulk tonnage targets evident on the property. We look forward to advancing this project with a substantial winter drill program."*

Dr. Donald J. Robinson P.Geo, is the Qualified Person for the information contained in this press release and is a Qualified Person within the meaning of National Instrument 43-101.

About Eastmain Resources Inc. (TSX:ER)

Eastmain is a Canadian gold exploration company with 100% interest in the Eau Claire and Eastmain gold deposits. The Corporation has \$17 Million in working capital and holds an interest in 12 projects within the James Bay District, including the Éléonore South property. Eastmain has allocated a budget of \$5.0 million for gold exploration in Québec for 2010.

For further information please contact Eastmain Resources Inc.: Dr. Donald J. Robinson, President or Catherine Butella, Exploration Manager at (519) 940-4870, fax (519) 940-4871, by e-mail: info@eastmain.com or visit our website at www.eastmain.com.

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.