



Karmin Reports Drill Results from Babaçú Massive Sulphide Discovery at Aripuanã Zinc-Lead-Silver Project, Brazil Includes 5.3 metres grading 9.0% zinc, 2.6% lead

Toronto 3rd October 2007. Karmin Exploration Inc. (TSXV.KAR) is pleased to announce a further 4 drill holes from the new Babaçú massive sulphide discovery, located 900 metres east of the Ambrex massive sulphide deposit, within Karmin's 30% owned Aripuanã zinc-lead-silver massive sulphide district in Mato Grosso, Brazil. The discovery was announced in a Karmin press release on 12th July 2007. The highest grade intersection of the current batch is **5.3 metres grading 9.0% zinc and 2.6% lead** and the widest is **22.0 metres grading 5.0% zinc and 2.3% lead** (see Table 1 below).

Babaçú, Arex, Ambrex and Mocoto massive sulphide bodies have been discovered by Karmin and its partners in the emerging Aripuanã massive sulphide district which is considered to lie entirely within Karmin's joint venture area (see map in Fig.1 below). Previous drilling at **Ambrex** included **42.4 metres grading 13.2% zinc, 5.5% lead and 100 g/t silver** (release of Sept 28th 2005), at **Arex** included **7.1 metres grading 9.9% zinc, 5.4% lead and 214 g/t silver** (release of Feb 9th 2006) and at **Mocoto** included **7.0 metres grading 11.65% Zn and 2.73 g/t gold** (see release of 7th Feb 2001).

Table 1. New results from the Babaçú mineralization

Hole number	From	To	Core Length	Zinc %	Lead %
FPAR 106	358.9	369.2	10.3	3.71	0.52
and	372.2	390.6	18.4	2.19	0.71
FPAR 107	340.9	343.4	2.5	9.09	6.54
and	349.2	354.7	5.3	8.98	2.62
and	358.0	362.9	5.0	7.50	4.23
FPAR 108	Intervals of low grade stringer mineralization				
FPAR 109	318.3	322.2	3.9	8.69	1.69
and	335.5	357.4	22.0	4.97	2.29

**Assays for copper, gold and silver for these holes are still pending.

Sample preparation for was undertaken at ALS Chemex laboratory – Belo Horizonte, Brazil and the pulps analyzed at ALS Chemex laboratory – Lima, Peru using full digestion ICP assay. Full QA/QC procedures were implemented, including the insertion of one out of three standards every 40th sample and blank samples inserted every 40th sample (i.e. every 20th sample was either a standard or blank). Pulp and coarse reject duplicate samples were also inserted every 20th sample. Field duplicate (replicate) were also inserted every 20th sample during some period and now are inserted every 100th sample. Randomly selected check samples are routinely sent to another

international laboratory for analysis by ICP on a yearly basis. This procedure is followed systematically by Votorantim, and was their stated procedure for all previously reported results by Karmin for 2007.

The independent engineering company, AMEC is preparing a report entitled “Aripuanã Property - National Instrument 43-101 Technical Report”. This would be the first ever National Instrument 43-101 compliant report on the property, focuses on resource estimations for the Arex and Ambrex deposits within the Aripuanã properties. The report will be published as soon as the final version is received.

Karmin, Anglo-American & Votorantim

Karmin Exploration is a mineral exploration company focused on exploration and development in Brazil. Karmin through its subsidiary Mineração Rio Aripuanã Ltda. holds 30% of the Aripuanã project. Karmin is free carried to the completion of a fully independent bankable feasibility study. The remaining 70% is owned by Anglo American Corporation who is optioning their interest to Votorantim Metais (a division of the privately-held Votorantim Group), the project operator, and Votorantim have already earned 70% of Anglo’s interest. Votorantim, the world’s 6th largest zinc producer, have three zinc smelters, and are currently purchasing between 55% and 60% of their concentrate needs. Their stated objective is to find more zinc resources from their own mines to feed concentrates to their smelters, rather than rely on external mining companies.

Karmin is publicly traded on the TSX-Venture Exchange under the symbol KAR. The Company has 38,453,591 shares outstanding (41,453,591 fully diluted). William Fisher, P.Geo. President of Karmin is the designated Qualified Person under NI 43-101. He has reviewed this release for accuracy.

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Figure 1. Location of Babaçú discovery

