October 30,1989

LEAN-TO Cu-Ag-Au PROSPECT - LANSDOWNE MINERALS LTD.
Tahtsa Lake Area - Omineca Mining Division, B.C.

Conclusions and Recommendations

Interesting copper-silver-gold values are associated with a breccia pipe developed within a porphyry system.

Work by Lansdowne over the past several years has been sporadic and not all data are available. A look at available assessment reports is warranted to get a better feel for the property, particularly the geochemical and geophysical signatures.

Proposed Deal

A joint venture is proposed with an opportunity to earn a 51% working interest over 3 years by payments of $25,000, $25,000 and $50,000 and annual work commitments of $250,000, $250,000 and $500,000.

My contact is with W.D. Beaton, consulting geologist from Montreal - further enqiries should be made through me.

Location and Access

South of Tahtsa Reach between Ox Lake and Coles Creek porphyry prospects. Access is by road to Tahtsa Reach near the Huckleberry property, barge across Tahtsa Reach and 8 km of 4-wheel drive road.

Geology and Mineralization

Hazelton Group fragmental volcanic rocks in the property area are intruded by a late Cretaceous intrusive complex consisting of a granodiorite which is gradational to a quartz porphyry in the southern part of the complex. A breccia pipe is developed near the the western limits of the quartz porphyry. The breccia pipe features pervasive pyrite, quartz veining and silicification. Later carbonate veining and alteration zones contain pyrrhotite, arsenopyrite, chalcopyrite, sphalerite and minor molybdenite and native gold.

Anomalous copper and silver in soils is crudely coincident with the 350 by 200 metre breccia pipe. An IP anomaly, 500 metres wide by 1100 metres long, is centred on the breccia pipe.

Higher copper-silver-gold grades, based on shallow drilling to date, occur near the margins of the breccia pipe and include values in excess of 1% copper, several oz/ton silver and up to 0.25 oz/ton gold over core lengths of a few metres.

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