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OCT 25 1971

KERR ADDISON MINES LIMITED

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dB
Y. S. H.

To G.M. Hogg

From W.M. Sirola

SWIM LAKES 'A' GROUP - 105K-3

Subject Magnetic and Electromagnetic Survey 1971

Date October 22, 1971.

W.S.
PMK
GMH
RDS
ECB
DB
WDR
INE
ECJ

Enclosed with this memorandum is LaRose's map showing both the magnetic and electromagnetic readings.

Unfortunately, the coverage is not complete, and because of difficulties with the new C.E.M. equipment, some of the lines were read on a frequency of 5010 Hz. and some at 1800 Hz.

The only new information that comes out of this work is a combined anomaly on line 18 west at 3,000 north. We had gravity work done by Overland in this particular part of the claim group in 1969, but again the results of that work are not necessarily reliable since there seems to be a great tendency for the gravity highs to correspond with topographic highs. The mag. high, however, appears to be limited to a length of about 500' and may therefore not be too important.

A similar mag. high occurs on line 81 west at 200' north of baseline #2. This mag. high is on the footwall of a -6⁰ E.M. anomaly (1830 Hz.), and the magnetic work should have been extended westward as was the E.M. work. Lines 85 to 93 show a strong E.M. response headed in a westerly direction.

The rather strong (1320 gammas) response on line 72a west 1,000' north of baseline #3 may be the actual sub outcrop of the small orebody on that line. The mag. high is approximately 2,000' south of the gravity high on that line.

Some day if time, money and opportunity permit, this type of mag. and E.M. coverage should be completed on those claims which have not been exposed to this form of work in the past.

WMS/jm
Encl.

Ted Larose completed this work while drilling was in progress on the Swine H.

WMS. Oct 27/71

Bill

W.M. Sirola.