

TEL. 488-9510  
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42D14NE0088 63.3354 LOWER AGUASABON LAKE

SUITE 201  
330 BAY STREET  
TORONTO 1

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63.3354

Wm. J. CULLOLL, P. ENG.

GEOLOGICAL ENGINEER

December 9, 1965.

The Directors,  
Martin-Hunt Mining Limited,  
62 Richmond Street West,  
Toronto 1, Ontario.

Dear Sirs:

The following provides a review of the work carried out on the Owl Lake property of Martin-Hunt Mining Limited.

LOCATION AND ACCESS:

The claim-group is located on the west side of Owl Lake in the Lower Aguasabon Lake area, Fort Arthur Mining Division, Province of Ontario. The property is comprised of nine unpatented claims, totalling approximately 360 acres, and which are numbered as follows:

T.B. 109491 and T.B. 109492	2 claims
T.B. 109495 to T.B. 109501 incl.	<u>7 claims</u>
Total	9 claims

Access to the property may be gained from the Town of Terrace Bay on Highway 17, via a gravel road from Terrace Bay to the Ontario Hydro dam control site at the juncture of Lower Lake and Aguasabon River. The distance along this road is approximately 20 miles to a point slightly over one mile to the south end of Owl Lake. Alternatively, the claim-group may be reached by bush aircraft from Rays Flat to Owl Lake, a distance of approximately 30 miles.

WORK CARRIED OUT:

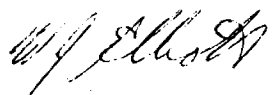
During late October and early November, 1965 an electromagnetic survey together with a diamond drill programme was carried out on the Owl Lake property. Work was concentrated on claim T.B. 109491, in an attempt to outline a molybdenum-bearing zone within a granite dyke. A horizontal loop electromagnetic unit was utilized and results corresponded well with magnetometer and self-potential surveys previously carried out on the property. The survey indicated a conductive zone between 75 feet and 200 feet wide and extending from line D/W to line 6W.

Three holes were drilled totalling 343 feet at the western extremity of the zone, and confirmed the presence of both massive and disseminated pyrite and pyrrhotite, however molybdenite mineralization exposed on surface was not encountered in the drilling. The programme was suspended owing to freeze-up conditions and as yet has not been resumed.

CONCLUSIONS AND RECOMMENDATIONS:

To date no economic molybdenite mineralization has been encountered in diamond drilling, but as the full length of the zone has not been investigated it is recommended that additional drilling be carried out to the east. This would entail drilling several short holes 50 feet apart and would total approximately 600 feet of diamond drilling. The cost is estimated at \$3,000.00.

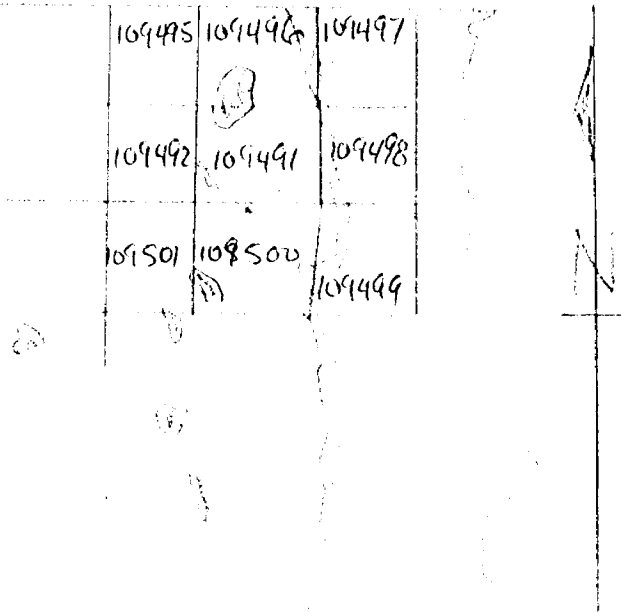
Respectfully submitted,

  
W. J. ELLIOTT, M.A.Sc., P.Eng.



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