

DETAIL MAGNETOMETER SURVEY

JOHN GORE MAIDENS LAKE PROPERTY

South Lorrain Township January 2011

2.47340

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1.0 INTRODUCTION:

On January 5, 2011 a program of grid establishment and geophysical surveying was carried out on the Maidens Lake Property in South Lorrain Tp. The claims are held by Mr. John A. Gore P.O. Box 212 - 38 Ruby St., Cobalt, Ontario POJ 1CO.

The grid and geophysical work was executed by David Laronde and Darcy Ryan on behalf of the contractor Meegwich Consultants Inc., P.O. Box 482, Temagami, Ontario POH 2HO. David Laronde supervised the field work and is the author of this report

A total of 1.8 km of line was established and surveyed.

2.0 PROPERTY:

The property consists of a group of 3 mining claims situated in the north-east corner of South Lorrain Township. The claim numbers are listed as follows:

 4206497
 1 unit
 Jan. 29, 2011

 4206498
 1 unit
 July 14, 2011

 4206500
 1 unit
 June 25, 2011

3.0 LOCATION AND ACCESS:

As the crow flies the property is located 27 km south-east of the town of Cobalt, Ontario which is 160 km north of the city of North Bay. The claim group is situated in the historic Silver Centre mining camp and is easily accessed year round since Hwy 567 cuts the two western claims. Further

access to the ground is via a bush road that traverses the property in an eastwest direction.

4.0 GEOLOGIC SETTING:

The claim group is underlain by Huronian sediments which is in contact with the bottom of a very large Nipissing diabase sill to the north. To the south the sediments are in contact with another smaller and thinner diabase sill whose contacts trend east-west. Two windows of Keewatin volcanics can be seen in the southwest and southeast portions of these claims. Another newly discovered window of volcanic rock is located just southeast of Maidens Lake.

Major fault structure trends north-west like the Maidens Lake Fault that cuts the west part of the grid. The Timiskaming Rift passes the property in a north-south direction 1.5 km to the east.

5.0 MAGNETOMETER SURVEY:

A total of 1.6 km was surveyed (252 readings) at 6.25 meter stations on lines spaced at 50 meters.

5.1 Instrumentation: A GEM Systems GSM-19 Overhauser Mag/VLF unit, Serial no. 706692 was used for the survey. A Gem base station was set up near the property to monitor and correct for the diumal variation during the course of the survey. These instruments are micro-processor based and measure the earth's total magnetic field to an accuracy of one one-hundredth of a gamma.

<u>5.2 Survey Results</u>: The results are presented in contour form on plans at 1:2500 scale.

The survey picked up magnetic highs at three locations that likely indicate underlying diabase. Of interest is an intense, narrow di-polar response on L 50 N at 675 E. A high on the adjacent line north might indicate a northwest trend to this local anomaly. On claim 4206500 a magnetic high on L 50 N is likely generic diabase.

6.0 CONCLUSIONS AND RECOMMENDATIONS:

From the magnetometer survey one may ascertain a concentration of magnetic mineral that is somewhat interesting in the sense of a follow-up electrical survey to test for sulphide.

References

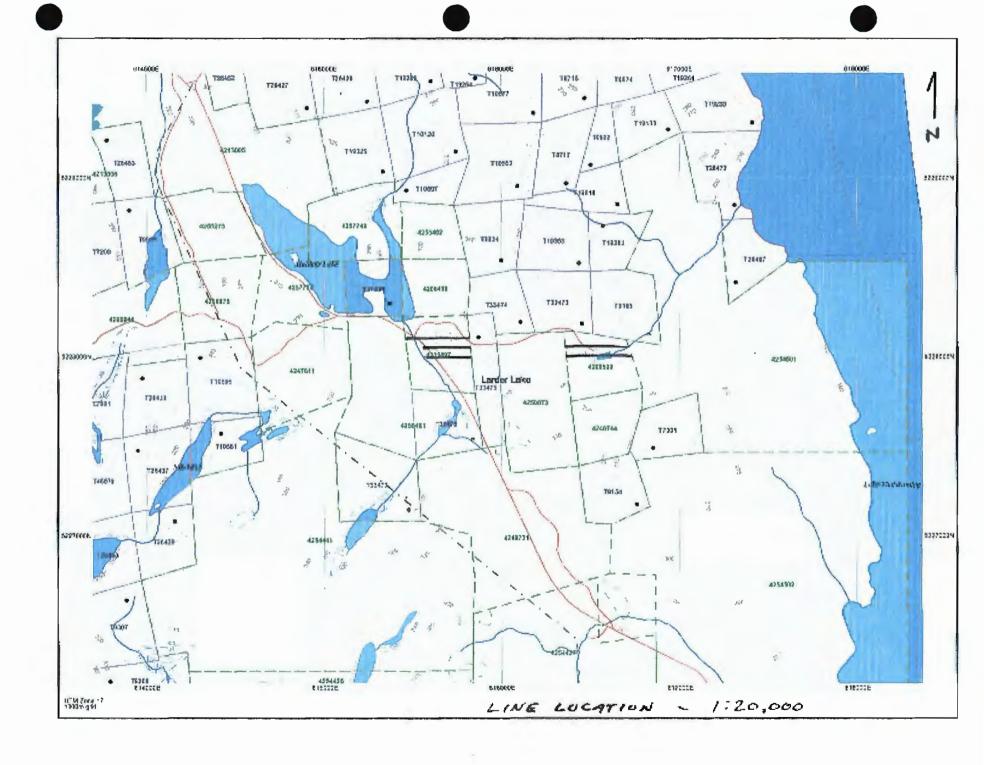
1970 W.H. MacIlwaine Geology of South Lorrain Township GR 83

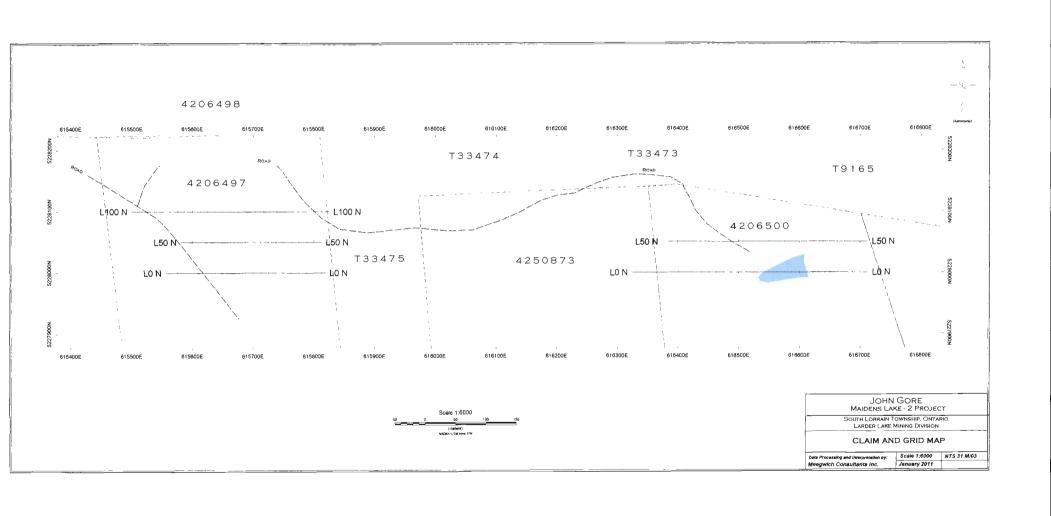
CERTIFICATE OF AUTHOR

- I, David Laronde of the town of Temagami, Ontario hereby certify:
 - 1. That I am a geological technologist and have been engaged in mining exploration for the past 30 years.
 - That I am a graduate of Cambrian College in Sudbury with a diploma in Geology Engineering Technology 1979.
 - 3. That my knowledge of the property described herein was acquired by field work and documentation.

Dated at Temagami this 10th day of January 2010.

David Laronde





GEOLOGY OF MAIDENS LAKE



