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NTS 31M/4

**Assessment Work Report**

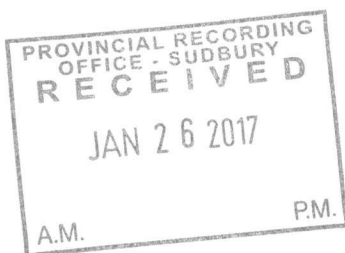
**Magnetometer Survey  
Phase Two**

**TEMAGAMI GOLD INC.**

**Strathy Township**

**Claim 4272899**

December 2016



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**1.0 PROPERTY:**

On December 27,28,29,30,31 2016, a magnetometer survey was carried out on mining claim 4272899 of the Strathy Twp. property on behalf of Temagami Gold Inc. 1 Presley St. Cobalt, Ontario P0J 1C0. The objective of the work was to continue to map magnetic characteristics of the geology to define iron formation occurrences. David Laronde performed the geophysical surveying, grid establishment and authored the report on behalf of the contractor Meegwich Consultants Inc. P.O. Box 482, Temagami, Ontario POH 2H0. A total of 6.8 km of line was established and surveyed. The grid lines were located with a modern GPS unit and stations were flagged at 25 meter intervals.

**2.0 PROPERTY:**

The property consists of 5 contiguous mining claims situate in the southwest corner of Strathy Twp.

4268512 – 2units

4271899 - 1 unit

4272894 – 3 units

4272899 – 6 units

4280115 – 1 unit

**3.0 LOCATION AND ACCESS:**

As the crow flies the property is located 3 km northwest of Temagami and is accessible by truck on the Sherman Mine access road from Hwy 11.

Sudbury Mining Division

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**4.0 MAGNETOMETER SURVEY:**

**4.1 Instrumentation:** Gem Systems GSM-19 overhauser magnetometers serial no. 58479 and 712776 were used as field unit and base station for the survey. These units have an accuracy of +/- 1/100th of a gamma. 6.8 km was surveyed taking 544 readings at 12.5 meter intervals. The base station cycled at 15 second intervals.

**4.2 Survey Results and Interpretation:** The results are presented in contour format on plans at 1:5000 scale.

The new lines of this survey are 700, 750, 800, 850, 950 and 1050 E which are plotted with two previously surveyed lines 555 and 655 E.

There are two main magnetic responses trending east west, a northern one and a southern. These features contrast well against a background of 300-500 nT.

Between 4100 and 4400 N the southern one seems to peter out down to narrow seams about 20 meters wide. The intensity ranges up to 4000 nT above background.

The northern feature could be a diabase dike at 4700 N since the uniform geometry is indicative and the east-southeast trend is consistent with the regional swarm. The trend of the magnetite seams (BIF) is east-northeast. Adjacent highs along the northern perimeter of the survey may be narrow seams of magnetite related to banded iron formation.

**5.0 CONCLUSIONS AND RECOMMENDATIONS:**

The survey outlined two main magnetic features that appear to be trending with stratigraphy more or less in an east west direction. The anomalies are relatively narrow and spotty, but intense spikes are prevalent. For the southern anomaly, narrow bands of magnetite trapped in iron formation may be a likely source given the proximity to historic iron ore further west. Banded iron formation (BIF) is also indicated at the northern perimeter of the surveyed area. The interpreted dike adjacent to the south suggests a structural component to the ground as well.

For gold exploration the next logical step would be to outline sulphides that are commonly associated with gold mineralization in BIF.

An EM or an IP survey is recommended. These surveys would however require chainsaw line cutting. Deadfall is prevalent on this mining claim especially towards the east as the terrain slopes into cedar swamps.

**References**


Geological Map #2423 OGS 1969 one inch : ½ mile 1:31,680

**CERTIFICATE OF AUTHOR**

I, David Laronde of the town of Temagami, Ontario hereby certify:

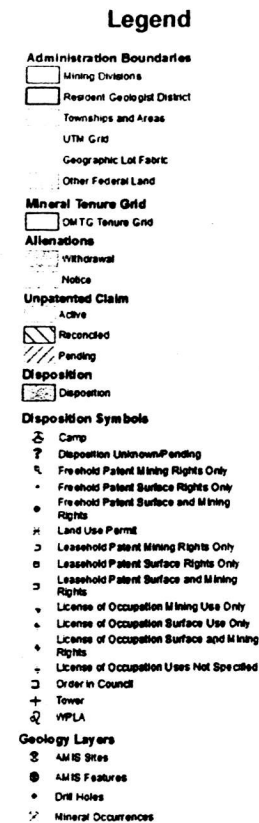
1. That I am a geology technologist and have been engaged in mineral exploration for the past 36 years.
2. That I am a graduate of Cambrian College in Sudbury with a diploma in Geology Engineering Technology 1979.
3. That my knowledge of the property described herein was acquired by field work and documentation.

Dated at Temagami this 7th day of January 2017.



David Laronde





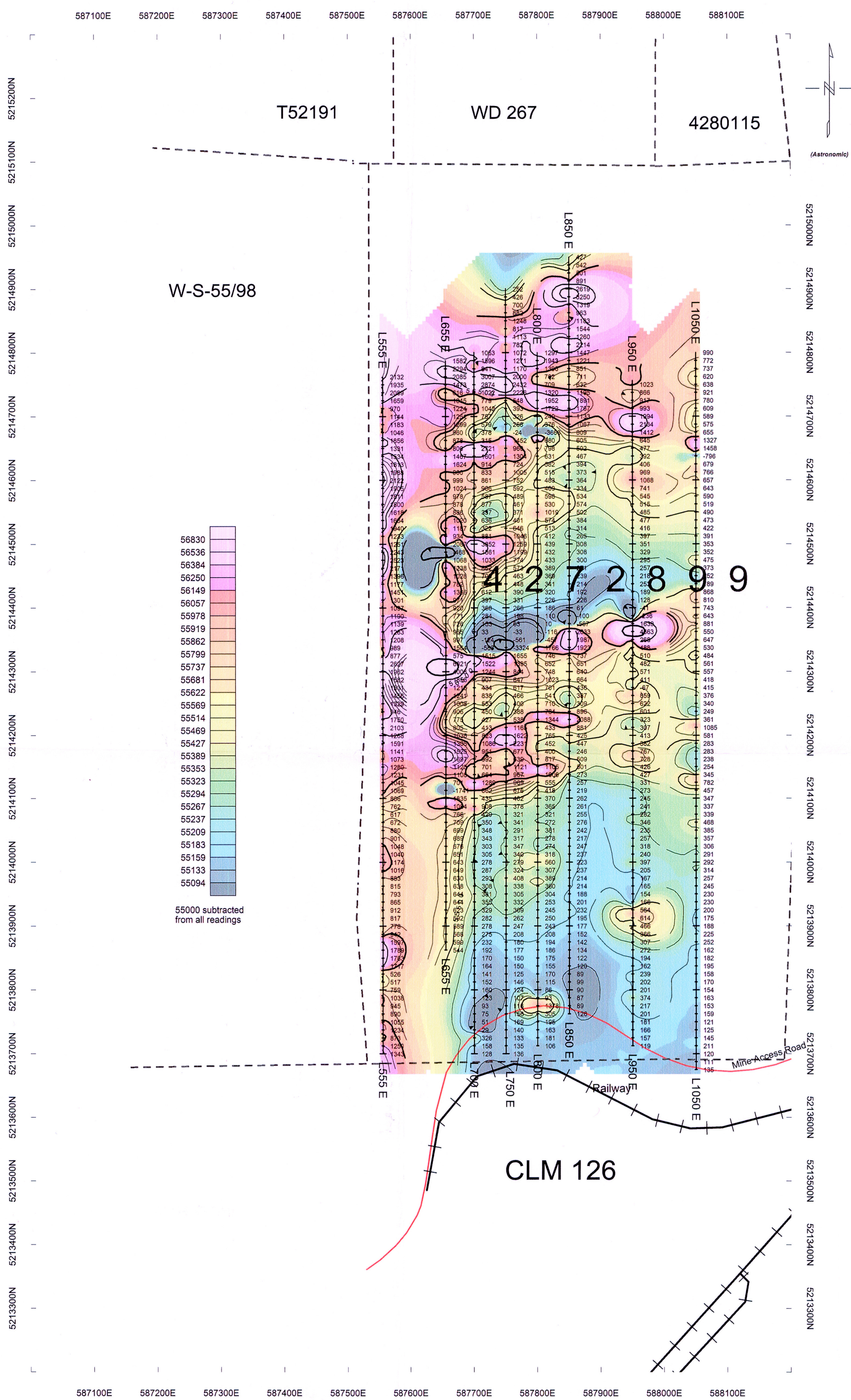
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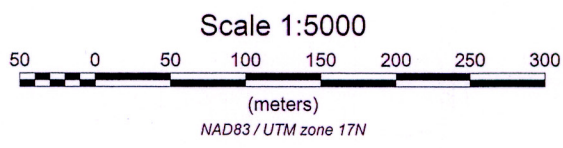
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Instruments:  
GEM Systems GSM-19 Magnetometer Serial #58479  
GEM Systems GSM-19 Magnetometer Serial #7052358  
GEM Systems GSM-19 Magnetometer Serial #712776



Temagami Gold Inc.		
Strath Township, Ontario Sudbury Mining Division		
Ground Magnetometer Survey Total Field Contours		
Data Processing and Interpretation by: Meegwich Consultants Inc.	Scale 1:5000 November 2014 & January 2017	NTS 31 M/4