DETAIL MAGNETOMETER AND ELECTROMAGNETIC SURVEYS ON THE MAGUSI - NINE L-4257139 ELLIOTT TOWNSHIP LARDER LAKE MINING DIVISION DISTRICT OF TIMISKAMING, ONTARIO

FOR

TIGER GOLD EXPLORATION CORPORATION

OCT. 26, 2010 MISS WENDY K. WELLER GEOTECH
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## MAPS

- LOCATION AND ACCESS (FIGURES 1a) and 1b) 1a) In back pocket
- GRID MAP WITH GPS WAYPOINTS                 In back pocket
- SURVEY LOG: 5c 5c) In back pocket
- GROUND MAGNETOMETER SURVEY MAP NO. M-9/2010/mag In back pocket
- GROUND VLF-EM SURVEY – NAA PROFILED MAP NO. M-9/2010/vlf...... In back pocket
SUMMARY:

The report includes a Detail Magnetometer and Electromagnetic Surveys as required by The Ministry of Northern Development and Mines for assessment work purposes.

The report includes an introduction to the property, property history, general geology, field observations and conclusions based on the field surveys.

Technical data is provided at the back of this report. Field data is compiled on the accompanying plan maps M-9/2010/mag and M-9/2010/vlf, found in the back of this report.
INTRODUCTION

There is 1 block (nine units) in the group. Claim 4257139 is located in Elliott Township, Larder Lake Mining Division.

On August 7, 2010, a new west baseline was turned off for a distance of 1200 meters west. Picketlines were turned off every 50 meters going north/south and stations cut and measured every 25 meters.

Line cutting was contracted out to Mr. Norman Gilmour of Kirkland Lake, Ontario.

The magnetometer survey was performed by Mr. John Perron.

The electromagnetic survey was performed by Miss Wendy K. Weller as well all chaining of the picketlines and baseline.

All drafting and contouring and report writing was done by Miss Wendy K. Weller.
LOCATION AND ACCESS

The Magusi Nine is found in the south central half of Elliott Township, east of Highway 672.

The Magusi nine group is found in the Larder Lake Mining Division, and they are within the jurisdiction of the Kirkland Lake Resident Geologist. Access is from Kirkland Lake towards the east for 13 kilometers to the Harker-holloway road (Highway 672). Follow 672 north for 24 kilometers to a large gravel road (timber) going East another six kilometers to the claim block.

PROPERTY HISTORY

This is a new property that has no geo-technical surveys.

REGIONAL GEOLOGY

The Elliott Township, is underlain by Archean Volcanic Suites belonging to the Abitibi Subprovince, Superior Province of the Canadian Shield. The volcanic rocks are intruded by a variety of related mafic to felsic stocks sills and dykes. Later Precambrian dykes of diabasic composition and texture trend in a north-westerly, northerly or northeasterly direction and have filled in along pre-existing structures (see Jansen, 1975 and 1978).

The general area can be defined as being hounded on the south by the Larder Lake Fault and on the north by the Destor-Porcupine Fault, both regional, east-west trending structures along which are major gold mining camps such as Timmins, Harker-Holloway, Kirkland Lake Virginiatown and Val D’or. A major east-west trending synclinorium is present between the two faults. The younger Blake River Group is flanked on the north and
the south by rocks of the Kinojevis Group. The southern contact between the two groups is much more structurally affected than is the northern contact.

Rocks of the Kinojevis Group are to a large extent composed of iron tholeites. Such iron-rich composition is reflected in bands of high magnetic susceptibility alternating with bands of lesser magnetism. The weaker zones of magnetism outline sequences of sediments and/or calc-alkaline volcanics. The contact with the overlying Blake River Group can be defined from air magnetic data, however a zone of vertical gradation up to a mile wide may or may not be present. Subtle magnetic variations which may represent economically significant features (Kimberlite pipes or alteration zones) can easily be masked within the Kinojevis Group.

Blake River Volcanic Rocks are composed of calc-alkaline minerals. Massive and pillow flows occur in sequence with pillow and pyroclastic breccia and lapilli and ash tuff. Chemically they represent rhyolite, dacite, andesite and basalt. Rocks of the Blake River Group underlie the base metal camp of Noranda, Quebec. Eastern Clifford and Ben Nevis Townships have several base metal showings as well as relatively more bed rock exposures then has the Elliott 37 Group.

TOPOGRAPHY

The claim unit covers nine mining claims. There a series of large overburdened outcrop showings are noted throughout the unit. The Magusi River crosses the north-west boundary of the new grid. There are many small drainage creeks with old beaver dams and ponds in the south half the grid. The vegetation ranges from jack pine replant in the open timber areas to very thick balsam, pine and poplar growths throughout the north and south side of the grid. Throughout the grid there are series of old timber trails that can be used for 4 wheeler access.
2010 – M-9 (NINE MINING CLAIMS) MAGNETOMETER/ELECTROMAGNETIC SURVEYS

McPhar GP81 Proton Magnetometer

This system uses a backward motion of spinning protons of a hydrogen atom within fluid of hydrogen and carbon. These spinning magnetic protons are caused to have two opposite poles by applying a magnetic field using a current within a coil of wire. When the current is stopped, the protons precess about the earth’s magnetic field and in turn generate a small current in the wire. The frequency is proportional to the earth’s total magnetic field.

The instrument used for this survey was a McPhar GP-81 Proton Magnetometer. More information about the survey and instrument can be found on the Technical Data from found in the back of this report.

Geonics EM-16

The VLF-EM method uses as a source, one of the main submarine communication transmitters in the 15 to 25 KHz band found throughout the world.

VLF instruments are capable of picking up these structures that change the direction of the waves by using the tilt angle of the major axis of the polarization ellipse. The direction of tilt indicates the direction of the conductor.

The VLF easily illustrates the location of the upper limit of dipping structures which can be seen or plotted as VLF profiles as areas of greatest change in tilt angle per unit of distance.

The instrument used in this survey was a Geonics EM-16.

The station used was Cutler, Maine, 24.0 kHz. For information about the survey and instrument can be found on the Technical Data Form in the back of this report.
OBSERVATION AND CONCLUSIONS

Magnetic Survey 2010:

The magnetic relief varied between 57,178 gammas to 60,318 gammas (difference of 3140 gammas).

The datum was subtracted at 57,000 gammas.

The field Map No. M-9/2010/mag can be found at the back of this report. The magnetic trend is northeast to east direction.

There are no high magnetic circular anomalies noted in the section of the new grid.

Through the grid a series of magnetic low anomalies are mirrored by smaller high magnetic anomalies. The low anomalies may represent a series north/east faults or shear zones in the same direction as the magnetic trend.

Electromagnetic Survey:

The field data is presented on a map at a horizontal scale of 1:5000, Map M-9/2010/vlf. Cutler, Maine was used in this survey.

Cutler, Maine showed 4 anomalies in the survey.

C1 - Crosses PL400W 560S to PL850W 610S.

The topography of the area ranges from the north ridge of the large outcrop showing to a flat area, with very thick growth of alder and poplar, spruce and cedar swamp. The quadrature is negative. This contact may well be geological noise.
C2 - Crosses PL000W 845N to PL400W 725N.
The topography of the area is the steep south slope and cliffs of the large outcrop in the southeast section of the grid. The quadrature is negative. This contact may also be geological noise.

C-3 Crosses PL200W 250S to PL500W 275S.
The topography of the area is the south slope of the outcrop along the baseline. The quadrature is negative.

C-4 Crosses PL200W 026S to PL500W 050S.
The topography of the area is the steep south slope of the outcrop along the baseline. The quadrature is negative.

CONCLUSIONS

Due to the results of both the magnetic and electromagnetic surveys, a vertical loop EM unit should be run to further clarify the origins of the magnetic high and low systems. Also a Fraser filter program is being run to help identify the VLF contact's, from geological noise.

A small stripping and trenching program is being looked at for the spring of 2011 to help identify the origins of the VLF contacts.

Respectfully submitted,

October 26, 2010

[Signature]

Miss Wendy K Weller
Geo tech/Land Manager
Tiger Gold Exploration Corporation
REFERENCES


**TECHNICAL DATA**

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<th>Parameter</th>
<th>Details</th>
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<tr>
<td>Line (mi/km)</td>
<td>30.822km</td>
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<td>No. of samples/stations</td>
<td>771</td>
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**ELECTROMAGNETIC SURVEY:**

- **Operator:** MISS WENDY K. WELLER
- **Instrument:** GEONICS EM-16
- **Coil configuration:** HORIZONTAL
- **Method:** FIXED TRANSMITTER
- **Vertical scale:** 1 INCH = +40%
- **Frequency:** CUTLER = 24.0 kHz
- **Operational technique:** CUTLER, MAINE.

  ALL READINGS TAKEN FACING NORTH 90 TO THE STATION.

**MAGNETIC SURVEY:**

- **Operator:** Mr John Perron
- **Instrument:** MCPHAR GP-8 PROTON
- **Base station:** BL150W
- **Base station time:** EVERY 60 MINUTES
- **Contour interval:** 50-100 GAMMAS
- **Contoured by:** WENDY K. WELLER
- **Operational technique:** SENSOR POLE MOUNT

**INDUCED POLARIZATION SURVEY**

- **Transmitter used:**
- **Method:**
- **On time:**
- **Off time:**
- **Power source:**
- **Electrode array:**
- **Readings taken:**
- **Operational technique:**

- **Receiver used:**
- **Frequency:**
- **Range:**
- **Delay time:**
- **Output:**
- **Electrode spacing:**
- **Other data:**
ASSESSMENT DATA FORM

Type of Work:
Prospecting: Geological:
Physical: LINE CUTTING AND CHAINING
Geophysical: ELECTROMAGNETIC (1 STATION) AND MAGNETOMETER SURVEYS
Geochemical: Drilling:
Assay/Analyses: Other Work:

Cost of Work: $31,957.19 Dollars applied: $31,000.00

Recorded holder:
Name: Mr. John E. Perron
PERREX RESOURCES INC.
TIGER GOLD EXPLORATION CORPORATION
Address: 103 Government Road East Kirkland Lake, Ont. P2N 1A9

Survey Company:
Name: TIGER GOLD EXPLORATION CORPORATION
Address: 103 Government Road East Kirkland Lake, Ont. P2N 1A9

Survey/Report Information:
Start of work: August 7, 2010
Draughting time: October 16, 24 2010
Completion of report: October 26, 2010
Author: MISS WENDY K. WELLER
Work performed on claims: L-4257139

Work applied to claim(s):
Please see assessment data forms

Persons who performed work (supervisor first):
TIGER GOLD EXPLORATION CORPORATION
Wendy K. Weller (Supervisor) JOHN E. PERRON (assistant)
NORMAN GILMOUR line cutting contractor
CERTIFICATE

I, Wendy K. Weller, of Virginiatown, Ontario, do hereby certify:

1) That I am a Geotech and reside at:

   17 Hilltop Crescent
   Box 252
   Virginiatown, Ontario
   P0K 1X0

2) That I graduated from the Haileybury School of Mines as a certified Diamond Driller in 1982. I had a staking license for the past 25 years.

3) That I was employed as a Diamond Driller for Heath and Sherwood for 1 year.

4) That I have been practicing as a Geotech for a period of twenty three (23) years and I am qualified to write this report.

5) That I supervised and participated in this survey.

   Date: 10/21/2010

   Wendy K. Weller
   Geotech
SYMBOLS
Claim post • Line Post •
Claim Line – – –
Access road •<•
Magusi River ^
Creek ∆
GPS waypoints ▲

GPS WAYPOINTS
.028 UTM 5360515
.067 UTM 5359485

MAGUSI -9 GRID
4257139
ELLIOTT TOWNSHIP
LARDER LAKE MINING DIVISION

SCALE 1:50000 m

REPORT BY: WK WELLER
DRAFTED BY: WK WELLER
SYMBOLS
Claim Post ■ Line Post • Claim line •
Isomagnetic contours
Contact Axis
Creek - Pond
Magus river • Access Trail

INSTRUMENTATION
Instrument used: McPhar GP 8
Datum subtracted: 57000 gammas
Contour intervals: 100 gammas

MAGUSI - 9 GRID
4257139
ELLIO T TOWNSHIP
LA RDER LAKE MINING DIVISION
SCALE 1: 5000m

Drafted by: Miss WK Weller
Report by: Miss Wendy K. Weller
Map No. M-9/2010/mag
Oct. 24, 2010