DETAIL MAGNETOMETER AND ELECTROMAGNETIC SURVEYS ON THE ELLIOTT-12
CLIFFORD and ELLIOTT TOWNSHIPS
LARDER LAKE MINING DIVISION
DISTRICT OF COCHRANE, ONTARIO

FOR

TIGER GOLD EXPLORATION CORPORATION

MARCH 8, 2007
MISS WENDY K. WELLER
GEOTECH
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GROUND MAGNETOMETER SURVEY MAP NO. EL 12/2007/mag In back pocket
GROUND VLF-EM SURVEY - NAA PROFILLED MAP NO.
  EL 12/2007/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 EL.12/2007/mag and EL.12/2007/vlf, found in the back of this report.

Due to the extreme weather conditions and time frame, a second contractor was hired to cut this new grid, Katrine Exploration and Development Inc., Mr. David LaRocque (President) 14579 Government Road, Larder Lake, P0K 1L0.
INTRODUCTION

There is 1 block (TWELVE UNITS) in the group. Claim 4210175 is located in Elliott and Clifford Townships, Larder Lake Mining Division.

On February 24, 2007 a east/west baseline was turned off for a distance of 800 meters starting at the number 1 corner post for claim 4210175 to the 800 meter line post going towards the number 4 corner post of 4210175. At the 400 meter mark along the new baseline Picketline 000 was turned off the remaining picketlines were established east and west off picketline 000. The measurement between the picketlines is 50 meters. Stations were cut and measured every 25 meters.

Line cutting and chaining of all lines was contracted out to Katrine Explorations and Development Inc.

The magnetometer survey was performed by Mr John Perron.
The electromagnetic survey was performed by Miss Wendy K. Weller.
All drafting and contouring and report writing was done by Miss Wendy K. Weller.
LOCATION AND ACCESS

The Elliott 12 Group is found in Elliott and Clifford Township, east/west of Highway 672.

The Elliott -12 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 34.4 kilometers.

PROPERTY HISTORY

At present time, the Elliott - 12 Group is a new block of unpatented mining claims that is presently being worked on by Tiger Gold Exploration Limited.

REGIONAL GEOLOGY

Elliott and Clifford 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
Clifford and Ben Nevis Townships

Table 1 | TABLE OF LITHOLOGIC UNITS FOR THE CLIFFORD-BEN NEVIS AREA

CENOZOIC

QUATERNARY

Recent
Peat, alluvium.

Pleistocene
Gravel, sand, till and clay
Unconformity

PRECAMBRIAN

MIDDLE TO LATE PRECAMBRIAN (PROTEROZOIC)

MAFIC INTRUSIVE ROCKS
Olivine diabase, quartz diabase.
Intrusive contact

EARLY PRECAMBRIAN (ARCHAIC)

FELSIC INTRUSIVE ROCKS
Granodiorite, quartz diorite, diorite, syenite, feldspar porphyry and quartz-feldspar porphyry.
Intrusive contact

MAFIC TO INTERMEDIATE INTRUSIVE ROCKS
Gabbro, quartz gabbro, hornblende gabbro and diorite.
Intrusive contact

VOLCANIC ROCKS

Felsic Volcanic Rocks
Rhyodacite and rhyolite: Massive, flow-brecia, tuff-brecia, tuff and lapilli-tuff.

Intermediate Volcanic Rocks
Andesite and dacite: Massive, pillowed, flow-brecia, tuff, argillite.

Mafic Volcanic Rocks
Basalt: Massive, pillow, flow-brecia, tuff-brecia.
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 Groups.

**TOPOGRAPHY**

The claim block covers twelve mining claims. Highway 672 crosses the east section of the group. The topography of the area ranges from flat black spruce swamp on the west side of the new grid to thick second growth on the east side of the new grid. A large drainage creek crosses back and forth throughout the new grid. On the east side of highway 672 a large overburdened outcrop is noted. There are many small timber access roads crossing thorough the block that are four wheeler accessible.
MAGENTOMETER AND 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 process 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 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 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 2007:

The magnetic relief varied between 57,213 gammas to 61,877 gammas (difference of 4464 gammas).

The datum was subtracted at 57,000 gammas.

The field Map No.EL12/2007/mag can be found at the back of this report. The magnetic trend is north to northeast direction.

There is series of low and high magnetic circular anomalies noted throughout the new grid.

Through the center section of the grid a magnetic low band is interrupted by a series of high magnetic bands, these interruptions may possible a series of faults or shear zones crossing the new grid in a south to south/west direction.

Throughout this new grid a series of small to large overburden outcrop were crossed.

Electromagnetic Survey:

The field data is presented on a map at a horizontal scale of 1:5000, Map E12/2007/vlf. Cutler, Maine was used in this survey.

Cutler, Maine, showed 3 contact in the survey.
C1 - Crosses PL050W 210S to PL400E 250S.
The topography of the area ranges from a series of small outcrops to the south steep faces of the larger outcrop west of highway 672. The quadrature is negative. This contact crosses a large magnetic high anomaly. This contact crosses the magnetic trend in an east/west direction.

C2 - Crosses PL200W 845S to PL 150E 825S.
The topography of the area ranges from flat open timbered area to flat spruce/cedar bog. The contact crosses center of a large low anomaly that is interrupted by a series of high magnetic bands. The quadrature is negative.

C3 - Crosses PL050W 1040S to PL400E 1070S.
The topography of the area ranges from flat second growth to jack pine replant sand ridges. The Barrick hydro line crosses at the bottom of PL400E. This contact may well be background noise from the hydro line.

CONCLUSIONS

A Fraser Filter program is being run to help identify the vlf contacts, from geological noise.

At present time a horizontal loop program is being looked into to help identify the origins of the vlf contacts.

MARCH 8, 2007

Respectfully submitted,

Miss Wendy K. Weller
Geo-Tech/Agent
REFERENCES

March 27, 2006


TECHNICAL DATA

Line (mi/km) 21.03 km. No. of samples/stations 842

ELECTROMAGNETIC SURVEY:
Instrument: GEONICS EM-16
Coil configuration: HORIZONTAL
Method: FIXED TRANSMITTER
Vertical scale: 1 INCH +- 40%
Frequency: CUTLER = 24.0 kHz
Line traversed:
Line/picket spacing 50m/25m
Operator: MISS WENDY K. WELLER
Accuracy: 1%
Coil separation: INFINITY
Parameters: INPHASE & QUADRATURE
Horizontal scale: 1:5,000
Station: CUTLER, MAINE
Operational technique: CUTLER, MAINE.
ALL READINGS TAKEN FACING NORTH 90 DEGREES TO THE STATION.

MAGNETIC SURVEY:
Instrument: MCPHAR GP-8 PROTON
Base station: BL000
Base station time: EVERY 30 MINUTES
Contour interval: 50-100 GAMMAS
Contoured by: WENDY K. WELLER
Operator: Mr. John Perron
Accuracy: + 1 GAMMA
Diurnal method: CLOSED LOOPS BL. TIE-INS
Location/value: BL000
Datum subtracted: 57,000 GAMMAS
Horizontal scale: 1:5,000
Operational technique: SENSOR POLE MOUNT

INDUCED POLARIZATION SURVEY
Transmitter used:
Method:
On time:
Off time:
Power source:
Electrode array:
Readings taken:
Receiver used:
Frequency:
Range:
Delay time:
Output:
Electrode spacing:
Other data:
ASSESSMENT DATA FORM

Type of Work:

Prospecting: Geological:
Physical: LINE CUTTING AND CHAINING (KATRINE EXPLORATION)
Geophysical: ELECTROMAGNETIC (1 STATION) AND MAGNETOMETER SURVEYS
Geochemical:
Assay/Analyses: Drilling:

Cost of Work: $15,526.00

Recorded holder:
Name: PERREX RESOURCES
GWEN RESOURCES LTD,
PERRON GOLD CORPORATION
Address: 103 Government Road East
Kirkland Lake, Ont. P2N 1A9

Survey/Report Information:
Start of work: February 24/07 End of work: March 7/07
Drafting time: March 4, March 7, 2007 Report time: March 4, 8, 2007
Completion of report: March 8, 2007
Author: MISS WENDY K. WELLER
Work performed on claims: L-4210175

Dollars applied: $15,526.00

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

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

Persons who performed work (supervisor first):
KATRINE EXPLORATION (David La Rocque) 5 linecutters
TIGER GOLD EXPLORATION CORPORATION
WENDY K. WELLER (Supervisor) JOHN E. PERRON (assistant)
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 20 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 (20) years and I am qualified to write this report.

5) That I supervised and participated in this survey.

Date     Wendy K. Weller
          Geotech/Agent/land manager
GROUND VLF-EM SURVEY

E-12 SOUTH GRID

MAP NO. E12/2007/vlf

REPORT BY: WENDY K. WELLER

DRAFTED BY: W/K/W

MAPPED BY: WENDY K. WELLER

Scale 1:5000 m
SYMBOLS
Claim Post = Claim Line ---
Access Road / Creek / ---
Base Station / Isomagnetic Contours / ---
VLF Contacts / C1

INSTRUMENTATION
Instrument Used: McPhar 8PB
Datumn subtracted 57000 Gamma
Contour Intervals 10u Gamma

E-12 SOUTH GRID
ELLIOTT AND CLIFFORD TOWNSHIPS
GROUND MAGNETOMETER SURVEY

MAP NO. E12/2007/mag

REPORT BY: WENDY K. WELLER

DRAFTED BY: W/K/W

MAPped BY: Wendy K. Weller

Scale 1:5000 m