



CANADIAN EXPLORATION SERVICES LTD

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TIGER GOLD EXPLORATION CORPORATION

Beepmat Survey Over the HARKER HERITAGE PROPERTY AREA 3

**Clifford, Elliott, Harker, Hol-
loway, Tannahill and Marriott
Townships, Ontario**

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1. SURVEY DETAILS

1.1 PROJECT NAME

This project is known as the **Harker Heritage Property – Area 3**.

1.2 CLIENT

TIGER GOLD EXPLORATION CORPORATION,

103 Government Road.
Kirkland Lake, Ontario
P2N 1A9

1.3 LOCATION

The Harker Heritage Property is located approximately 50 km northeast of Kirkland Lake, Ontario. The property consists of 375 mining claims comprising of over 850 units spanning Clifford, Elliot, Harker, Holloway, Tannahill and Marriott Townships within the Larder Lake Mining Division.

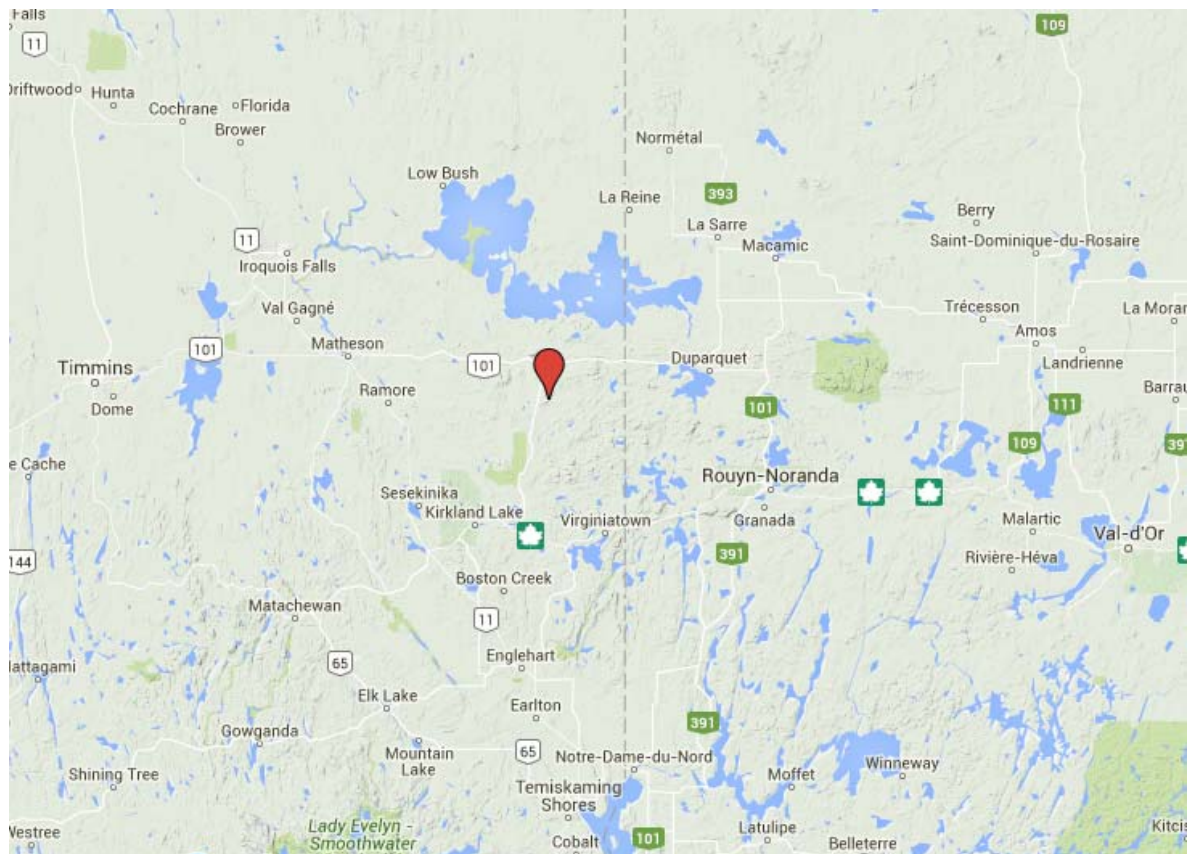


Figure 1: Location of the Harker Heritage Property

1.4 ACCESS

Access to the property was attained with a 4x4 truck via highway 672 and highway 101. Numerous forestry access roads and trails were travelled by ATV to access the various parts of the property.

Area 3 is located within Elliott Township. Access to this area was via highway 672. Approximately 31.6 kilometers north of the intersection highway 66 the property crosses the highway. At this location the truck was parked and an ATV was used for the remainder of the access.

1.5 SURVEY AREA

The traversed lines were established using a GPS in conjunction with the execution of the survey. The survey area was for reconnaissance and therefore randomly generated in the field based on topography and vegetation.

2. SURVEY WORK UNDERTAKEN

2.1 SURVEY LOG

Date	Description	Total Survey (km)
November 25, 2015	Perform beepmat survey over area 3.	2.6 km

Table 1: Survey Log

2.2 PERSONNEL

Bruce Lavalley of Britt, Ontario operated the Beepmat system along with the navigation using a GPS along the traverses.

2.3 SURVEY SPECIFICATIONS

The survey was conducted with a GDD Beep Mat BM8 system. This system was integrated with a Garmin GPSmap 76 GPS with an external antenna. The BM8 was set to automatically take a simultaneous GPS and HFR and LFR measurement every second. Every 15 minutes the BM8 was re-initialized.

A total of 2.6 kilometers of no grid beepmat survey was performed on November 25th, 2015 over the Harker Heritage Area 3. This consisted of 1020 HFR and LFR samples taken at 1 second intervals.

3. OVERVIEW OF SURVEY RESULTS

3.1 SUMMARY

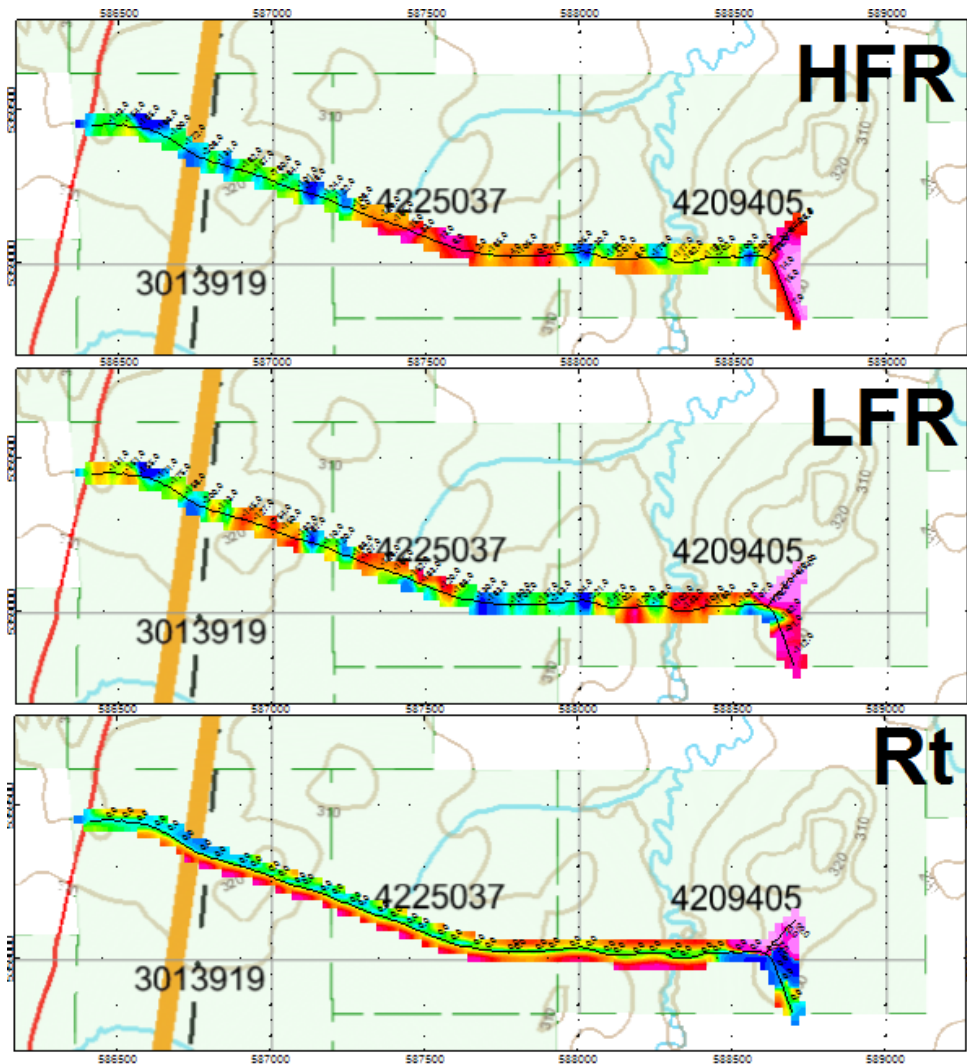


Figure 2: Beepmat Readings

Area 3 represents a short 2.6km east-west traverse. During the course of the traverse localized anomalies were noticed during the progress of the survey.

One noticeable anomaly is highlighted on the east side of the survey area. The results indicate a probable bedrock semi-conductive to conductive response.

I would recommend establishing a grid over this anomalous area. The beepmat survey should be extended with additional geophysics including a mag/VLF and IP survey be performed. The area should also be prospected and have a soil geochem survey performed.

APPENDIX A

STATEMENT OF QUALIFICATIONS

I, C. Jason Ploeger, hereby declare that:

1. I am a professional geophysicist with residence in Larder Lake, Ontario and am presently employed as a Geophysicist and Geophysical Manager of Canadian Exploration Services Ltd. of Larder Lake, Ontario.
2. I am a Practising Member of the Association of Professional Geoscientists, with membership number 2172.
3. I graduated with a Bachelor of Science degree in geophysics from the University of Western Ontario, in London Ontario, in 1999.
4. I have practiced my profession continuously since graduation in Africa, Bulgaria, Canada, Mexico and Mongolia.
5. I am a member of the Ontario Prospectors Association, a Director of the Northern Prospectors Association and a member of the Society of Exploration Geophysicists.
6. I do not have nor expect an interest in the properties and securities of **Tiger Gold Exploration Corporation**.
7. I am responsible for the final processing and validation of the survey results and the compilation of the presentation of this report. The statements made in this report represent my professional opinion based on my consideration of the information available to me at the time of writing this report.



C. Jason Ploeger, P.Geo., B.Sc.
Geophysical Manager
Canadian Exploration Services Ltd.

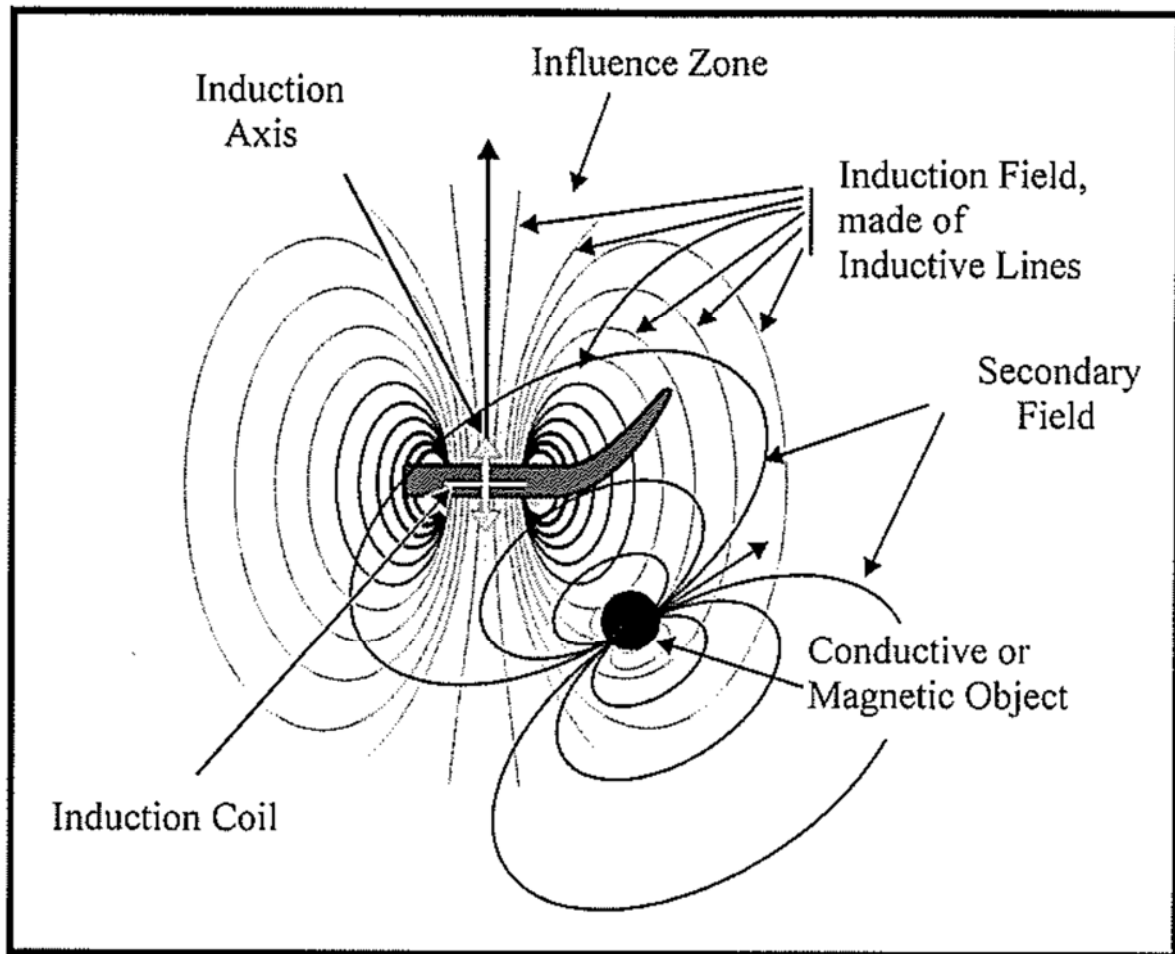
Larder Lake, ON
January 28, 2016

APPENDIX B

THEORETICAL BASIS AND SURVEY PROCEDURES

BEEP MAT EM SURVEY

The probe contains an inductive coil within its shell. When the probe is in normal position on the ground, as shown below, the induction axis sent by the coil is in the vertical position.



The influence zone of its induction field has an average radius (called “range”) of about 3 meters. This field is similar to the field of a magnet. Any conductive or magnetic object within the zone reacts by sending out a secondary field (or “induced” field) which is weaker and has distinctive features. The probe reacts on the part of this field that goes through its inductive coil. This reaction is then displayed on the reading unit in terms of LFR, HRF, MAG and Rt values.

Picture the inductive field as being composed of several induction lines crossing the inductive coil and which density increases towards the center of the coil. To illustrate that, only a few induction lines are presented in the above figure. Therefore the greater the number of lines that cross the conductive object, the higher the displayed

values will be.

The LFR value (Low Frequency Response) represents a specific reaction of low frequency, in hertz, to the presence of a conductor near the probe.

The HFR value (High Frequency Response) represents a specific reaction of the high frequency, in hertz, to the presence of a conductor near the probe.

The MAG value (Magnetite) represents a specific reaction of the probe, in hertz, to the presence of a magnetic body, in particular containing magnetite (relative susceptibility)

The Rt value (Ratio) indicates the quality of the conductor (intrinsic conductivity) and is independent of the quantity of material present. For the ratio value to be calculated by the unit, there are two conditions

- 1) The HFR must be at least 10Hz
- 2) No magnetite must be present (MAG=0)

In the presence of magnetite, the Rt value is altered and the Rt=0% will be displayed. When HFR is below 10Hz, the Rt value is not precise enough and Rt=0% will be displayed.

APPENDIX C

GDD BEEP MAT MODEL BM8



FEATURES

- EM / MAG ground survey
- Detect the magnetic susceptibility and EM conductivity along with GPS position
- Get fast results
- Shock resistant, portable and weatherproof.
- Provide real time feedback
- New internal Lithium-Ion in the reading unit
- Transfers data from the reading unit to your PC in order to draw maps.

SPECIFICATIONS

- **Power Source:** Rechargeable Batteries
- **Daily Autonomy:** Up to 10 hours
- **Memory Capacity:** 8,093,750 readings
- **Weight** (including accessories and shipping bag): 10 kg
- **Dimension** (including accessories and shipping bag): 90 x 30 x 30 cm
- **Operating temperature:** -50C to 70C (-58F to 158F)
- **Positioning:** Garmin GPS Map 76 integrated

GARMIN GPS 76



GPS Performance

Receiver: WAAS-enabled, 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position

Navigation Features

Waypoints/icons: 500 with name and graphic symbol, 10 nearest (automatic), 10 proximity

Routes: 50 reversible routes with up to 50 points each, plus MOB and Trac-Back® modes

Tracks: Automatic track log; 10 saved tracks let you retrace your path in both directions

Trip computer: Current speed, average speed, resettable max. speed, trip timer and trip distance

Alarms: Anchor drag, approach and arrival, off-course, proximity waypoint, shallow water and deep water

Tables: Built-in celestial tables for best times to fish and hunt, sun and moon rise, set and location

Map datums: More than 100 plus user datum

Position format: Lat/Lon, UTM/UPS, Maidenhead, MGRS, Loran TDs and other grids, including user grid

Acquisition times

Warm: Approximately 15 seconds

Cold: Approximately 45 seconds

AutoLocate®: Approximately 2 minutes

Update rate: 1/second, continuous

GPS accuracy

Position: < 15 meters, 95% typical*

Velocity: 0.05 meter/sec steady state

WAAS accuracy

Position: < 3 meters, 95% typical*

Velocity: 0.05 meter/sec steady state

Power

Source: Two "AA" batteries (not included)

Battery Life: Up to 16 hours

Physical

Size: 2.7"W x 6.2"H x 1.2"D (6.9 x 15.7 x 3.0 cm)

Weight: 7.7 ounces

Display

1.6"W x 2.2"H (4.1 x 5.6 cm)

180 x 240 pixels, high-contrast

FSTN with bright backlighting

Case: Fully gasketed, high-impact plastic alloy, waterproof to IEC 529 IPX7 standards

Interfaces: RS232 with NMEA 0183, RTCM 104 DGPS data format and proprietary Garmin®

Antenna: Built-in quadrifilar, with external antenna connection (MCX)

Differential: DGPS (USCG and WAAS capable)

Temperature range: 5°F to 158°F (-15°C to 70°C)

Dynamics: 6 g's

User data storage: Indefinite, no memory battery required

- *Specifications obtained from www.garmin.com*

APPENDIX D

LIST OF MAPS (IN MAP POCKET)

Posted Beepmat Plan Maps (1:10000)

- 1) TIGER-HARKER HERITAGE-AREA 3-BEEPMAT-HFR
- 2) TIGER-HARKER HERITAGE-AREA 3-BEEPMAT-LFR
- 3) TIGER-HARKER HERITAGE-AREA 3-BEEPMAT-Rt

TOTAL MAPS = 3