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CANADIAN EXPLORATION SERVICES LTD

TIGER GOLD EXPLORATION CORPORATION

Q2154 - Harker Heritage Property - Area 7 Physical Properties

C Jason Ploeger, P.Geo – February 13, 2017

Tiger Gold Exploration Corporation

Abstract

CXS was contracted by Tiger Gold Exploration Corporation to measure the physical properties of rock samples collected during of prospecting campaign over the Harker Heritage – Area 7 which is in Elliot Township. The contract was to cut and measure the High Frequency, Magnetic Susceptibility and Conductivity of these samples.

TIGER GOLD EXPLORATION CORPORATION

Q2154 - Harker Heritage Property Area 7 Physical Properties

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1. SURVEY DETAILS

1.1 PROJECT NAME

This project is known as the **Harker Heritage Property – Area 7**.

1.1 CLIENT

TIGER GOLD EXPLORATION CORPORATION,

103 Government Road.
Kirkland Lake, Ontario
P2N 1A9

1.2 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

1.3 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 7 is located within Elliott Township. Access to this area was via highway 672. Approximately 38.5 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.

1.4 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.

1.5 REGIONAL GEOLOGY

The property is hosted in the Archean aged Blake River Group of the Abitibi sub province. Volcanic rocks of the area are classified chemically as tholeiitic and calc-alkaline. They include a wide spectrum of rock types ranging from basalts to rhyolites. Intrusive rocks include gabbros, diorites and feldspar porphyries with scattered rare diabase dykes. Mapping in the region has identified several east west trending fold axis that lead to the repetition of units in a north south direction.

1.6 PREVIOUS WORK

From 1985 to present the holders of the claims within this area have cut many grids and performed many magnetic and VLF surveys over this area of the property.

2. SURVEY WORK UNDERTAKEN

2.1 SURVEY LOG

Date	Description
November 27, 2015	Collected Sample 06102
	Collected Sample 06103
	Collected Sample 06104
	Collected Sample 06105
	Collected Sample 06106
	Collected Sample 06107
	Collected Sample 06108
	Collected Sample 06109
February 18, 2016	Cut sample and test physical properties.

Table 1: Survey Log

2.2 PERSONNEL

Bill Bonney of Kirkland Lake, Ontario performed the prospecting traverse and collected GPS waypoint data and rock samples.

C Jason Ploeger of Larder Lake, Ontario cut the samples and performed the physical property readings.

2.3 SURVEY SPECIFICATIONS

The rock samples were collected on a previously reported prospecting campaign. These samples were cut and the physical property measurements were taken using a GDD MPP-EM2.

3. OVERVIEW OF SURVEY RESULTS

Sample 06102

NAD 83 - Zone 17N
586715E 5366182N

High Frequency	0.0
Magnetic Susceptibility	2.0 (10-6 SI)
Conductivity	0.0 (MHOS/M)

The outcrop this sample was collected from was in an area covered with spruce.

Figure 2: Sample 06102

Sample 06103

NAD 83 - Zone 17N
586850E 5366051N

High Frequency	0.0
Magnetic Susceptibility	1.7 (10-6 SI)
Conductivity	0.0 (MHOS/M)

The outcrop this sample was collected from was in an area covered with spruce.

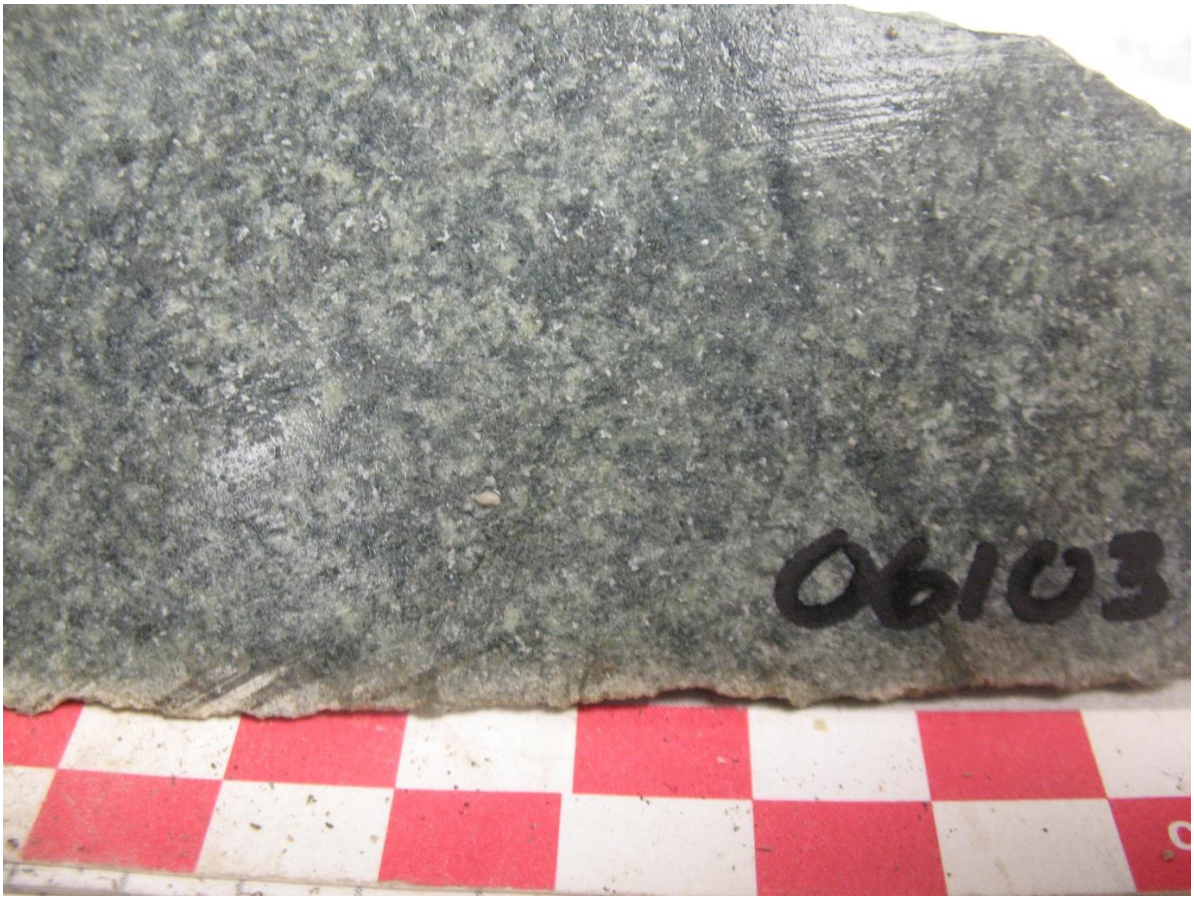


Figure 3: Sample 06103

Sample 06104

NAD 83 - Zone 17N
586875E 5366235N

High Frequency	0.0
Magnetic Susceptibility	61.0 (10-6 SI)
Conductivity	0.0 (MHOS/M)

The outcrop this sample was collected from was in an area covered with spruce.

Figure 4: Sample 06104

Sample 06105

NAD 83 - Zone 17N
587136E 5366221N

High Frequency	0.0
Magnetic Susceptibility	1.8 (10-6 SI)
Conductivity	0.0 (MHOS/M)

The outcrop this sample was collected from was in an area covered with spruce.

Figure 5: Sample 06105

Sample 06106

NAD 83 - Zone 17N
587160E 5366230N

High Frequency	0.0
Magnetic Susceptibility	1.0 (10-6 SI)
Conductivity	0.0 (MHOS/M)

The outcrop this sample was collected from was in an area covered with spruce.

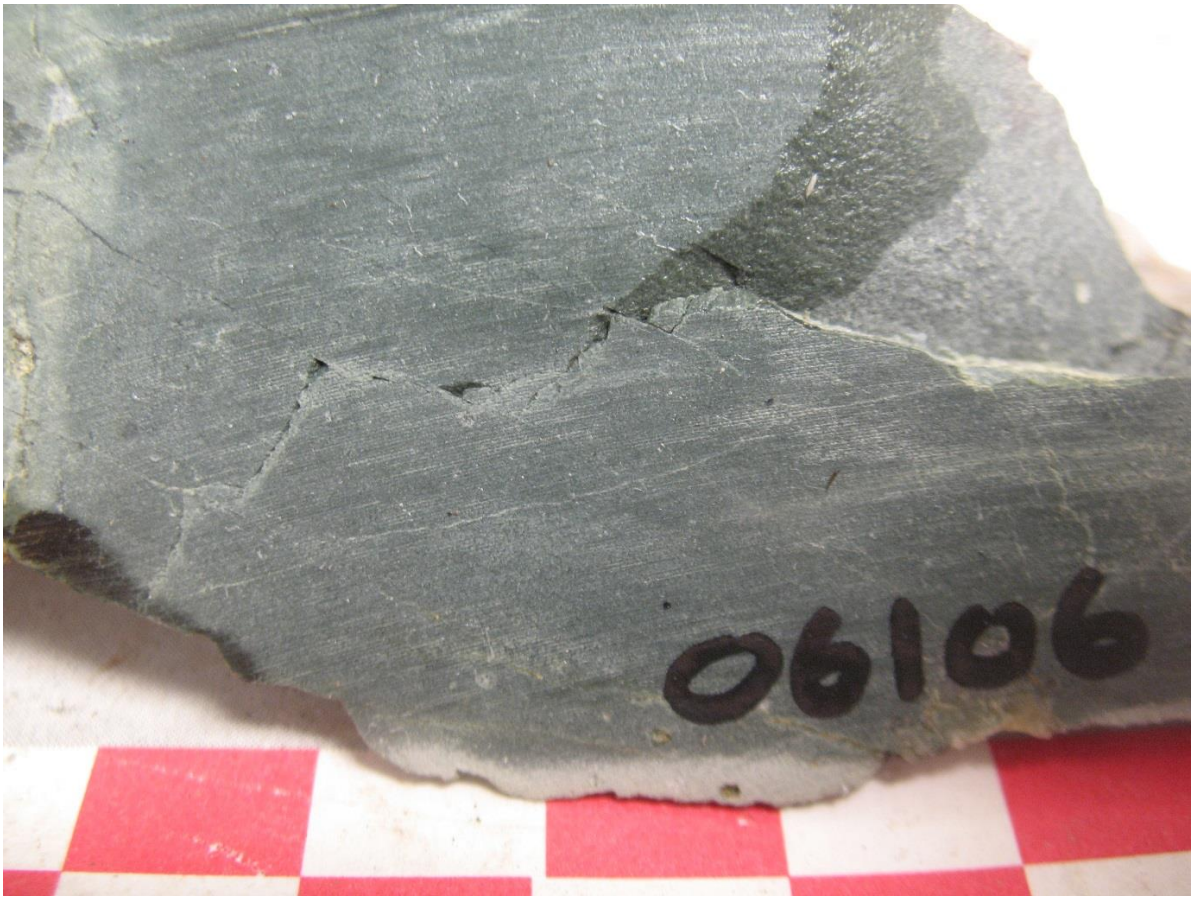


Figure 6: Sample 06106

Sample 06107

NAD 83 - Zone 17N
587507E 5366082N

High Frequency	0.0
Magnetic Susceptibility	1.2 (10-6 SI)
Conductivity	0.0 (MHOS/M)

The vegetation is mixed at this location. This area appears to have been trenched in the past.

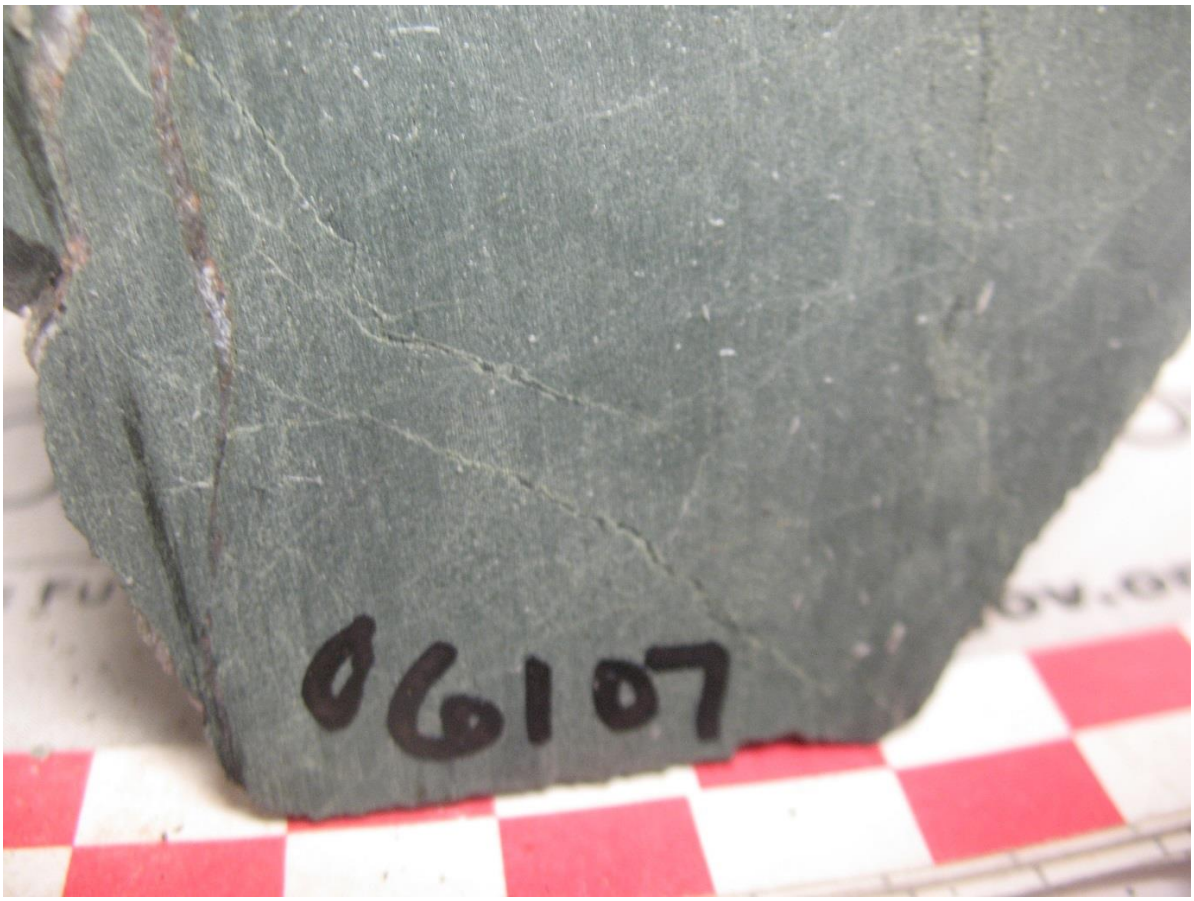


Figure 7: Sample 06107

Sample 06108

NAD 83 - Zone 17N
587546E 5365937N

High Frequency	0.0
Magnetic Susceptibility	82.0 (10-6 SI)
Conductivity	0.0 (MHOS/M)

The vegetation is mixed at this location.

Figure 8: Sample 06108

Sample 06109

NAD 83 - Zone 17N
587501E 5366872N

High Frequency	0.0
Magnetic Susceptibility	5.5 (10-6 SI)
Conductivity	0.0 (MHOS/M)

The vegetation is mixed at this location.

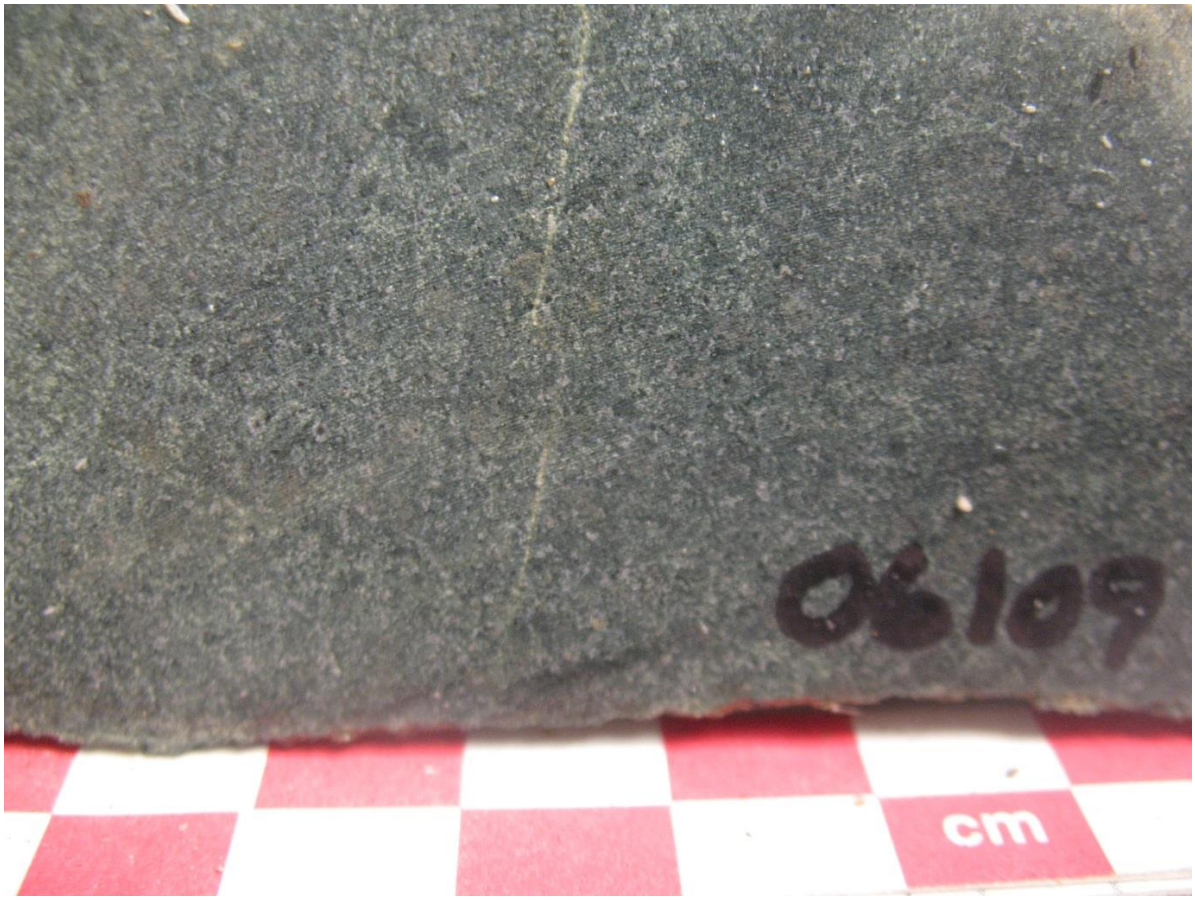


Figure 9: Sample 06109

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 Practicing 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
February 13, 2017

APPENDIX B

MPP-EM2

Thanks to the MPP-EM2S+, users are now able to instantly confirm the properties of the sulphides contained in rock samples picked up at the surface or in old or new drilled cores.

The MPP-EM2S+ detects the magnetic susceptibility (10^{-6} SI) as well as the relative and absolute conductivity (MHOS/M) values of small and large objects such as drilling cores, field samples, floats, showings, etc.

The MPP-EM2S+ consists of a handy gun-shaped probe connected to a PDA reading unit. The MPP-EM2S+ probe measures simultaneously up to ten times per second the magnetic susceptibility (10^{-6} SI) and the relative and absolute conductivity (MHOS/M). Easy to use, one can scan drill cores, field samples, floats or showings

Features

- Provides real time feedback.

- Offers the possibility to use the probe either with Bluetooth (wireless) or a cable RS-232.
- Logs cores properties & position in the PDA.
- Saves time by logging both properties in one pass; the Mag susceptibility as well as the relative conductivity values displayed in real time.
- Measures magnetic susceptibility with precision in all conditions. Detects conductors at all time.
- Records and dumps data (almost infinite readings) in ASCII format: hole identification, depth, recorded values, date, time, etc.
- Transfers data to a PC via USB.
- Emits a modulated sound signal for conductors.
- Calibrated at 10^{-6} SI & MHOS/M.
- Easy to use and inexpensive.
- Possibility to supply the probe with 120-240V power supply
- Possibility to clip the probe to your belt to free your hands

The operator can record data one reading at a time or in a continuous scanning mode (10 times/second) to make a profile. The recorded data from the PDA or PC are stored in ASCII file: hole identification, depth, recorded values, date, time, etc. Afterward, the ASCII format can be imported to a drafting software (Excel, Microstation, Autocad, etc). For example, the susceptibility and the conductivity can be plot along a DDH with the laboratories assays. A software designed by Instrumentation GDD helps the end user to draw quickly the profiles and interpret the geophysical properties using an Excel Macro.

Specifications

- Three modes: manual, automatic and graphic.
- Sample rate: 10 times per second.
- Displayed rate: every 0.5 second.
- Manual sampling by pressing display.
- Auto sampling: 0.1 to 60 seconds range- continuous mode.
- Improved hardware to record data with special button on the latest MPP-EM2S+ probe

APPENDIX B

GARMIN GPS MAP 62S

Physical & Performance:	
Unit dimensions, WxHxD:	2.4" x 6.3" x 1.4" (6.1 x 16.0 x 3.6 cm)
Display size, WxH:	1.43" x 2.15" (3.6 x 5.5 cm); 2.6" diag (6.6 cm)
Display resolution, WxH:	160 x 240 pixels
Display type:	transflective, 65-K color TFT
Weight:	9.2 oz (260.1 g) with batteries
Battery:	2 AA batteries (not included); NiMH or Lithium recommended
Battery life:	20 hours
Waterproof:	yes (IPX7)
Floats:	no
High-sensitivity re-	yes

ceiver:	
Interface:	high-speed USB and NMEA 0183 compatible

Maps & Memory:	
Basemap:	yes
Preloaded maps:	no
Ability to add maps:	yes
Built-in memory:	1.7 GB
Accepts data cards:	microSD™ card (not included)
Waypoints/favorites/locations:	2000
Routes:	200
Track log:	10,000 points, 200 saved tracks

Features & Benefits:	
Automatic routing (turn by turn routing on roads):	yes (with optional mapping for detailed roads)
Electronic compass:	yes (tilt-compensated, 3-axis)
Touchscreen:	no
Barometric altimeter:	yes
Camera:	no
Geocaching-friendly:	yes (paperless)
Custom maps compatible:	yes
Photo navigation (navigate to geotagged photos):	yes
Outdoor GPS games:	no

Hunt/fish calendar:	yes
Sun and moon information:	yes
Tide tables:	yes
Area calculation:	yes
Custom POIs (ability to add additional points of interest):	yes
Unit-to-unit transfer (shares data wirelessly with similar units):	yes
Picture viewer:	yes
Garmin Connect™ compatible (online community where you analyze, categorize and share data):	yes

- *Specifications obtained from www.garmin.com*

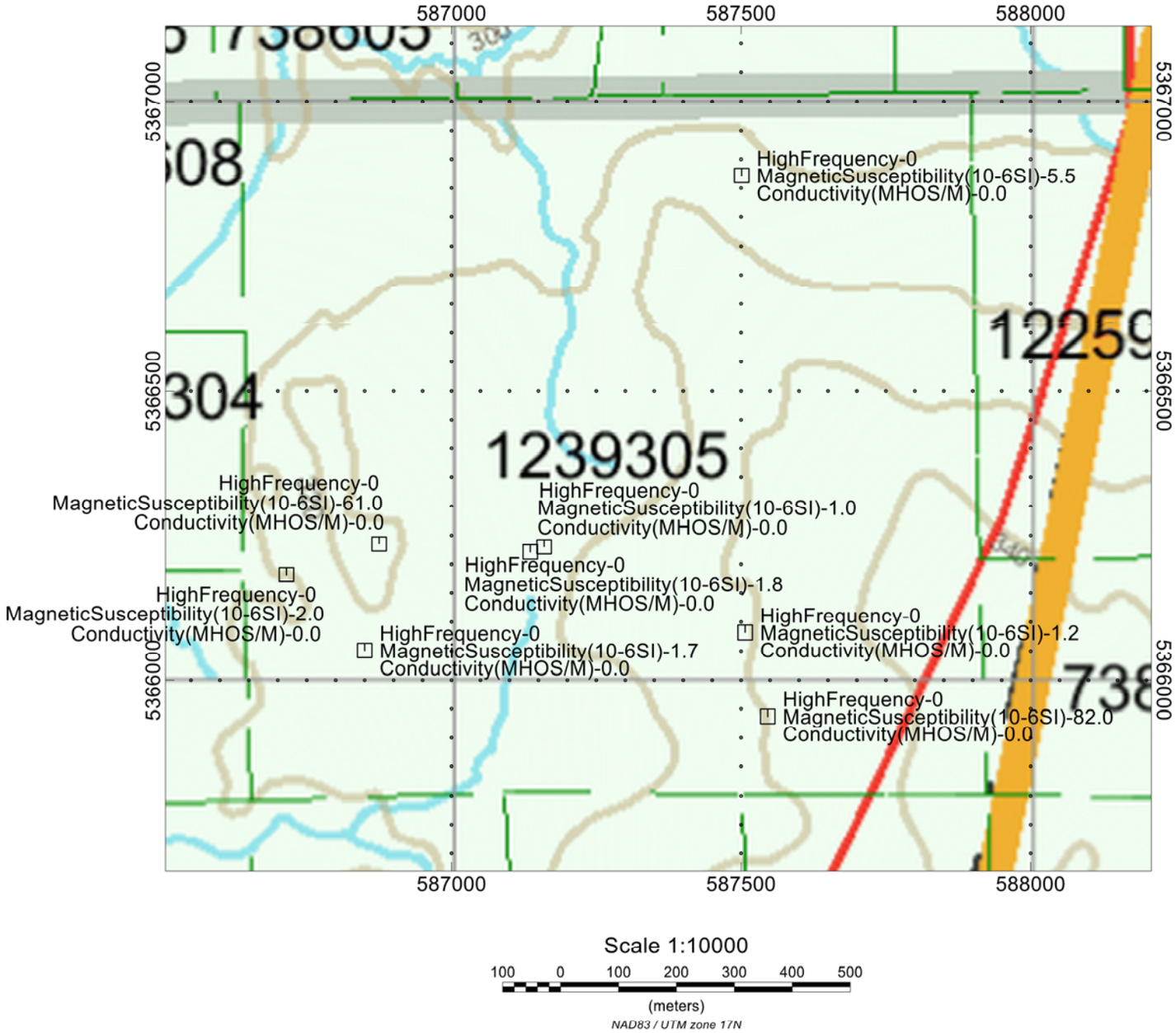
APPENDIX C

LIST OF MAPS (IN MAP POCKET)

Physical Properties Plan Map (1:20000)

1) Q2154-Tiger-Harker Heritage-Area 7-PhysProp

TOTAL MAPS = 1



Scale 1:10000

100 0 100 200 300 400 500

(meters)

NAD83 / UTM zone 17N

TIGER GOLD EXPLORATION CORPORATION

HARKER HERITAGE PROPERTY
Area 7
Elliott Township, Ontario

PHYSICAL PROPERTY PLAN MAP

Operated By: Bill Bonney
Processed by: C Jason Ploeger, B.Sc.
Map Drawn By: C Jason Ploeger, B.Sc.
February 2017

CANADIAN EXPLORATION SERVICES LTD

Drawing: TIGER-HARKER HERITAGE-AREA 7-PHYSPROP