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CANADIAN EXPLORATION SERVICES LTD

**TIGER GOLD EXPLORATION
CORPORATION**

**Q2154 - Harker Heritage Property - Area 8
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 8 which is in Harker and Holloway Township. The contract was to cut and measure the High Frequency, Magnetic Susceptibility and Conductivity of these samples.

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1. SURVEY DETAILS

1.1 PROJECT NAME

This project is known as the **Harker Heritage Property – Area 8**.

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.

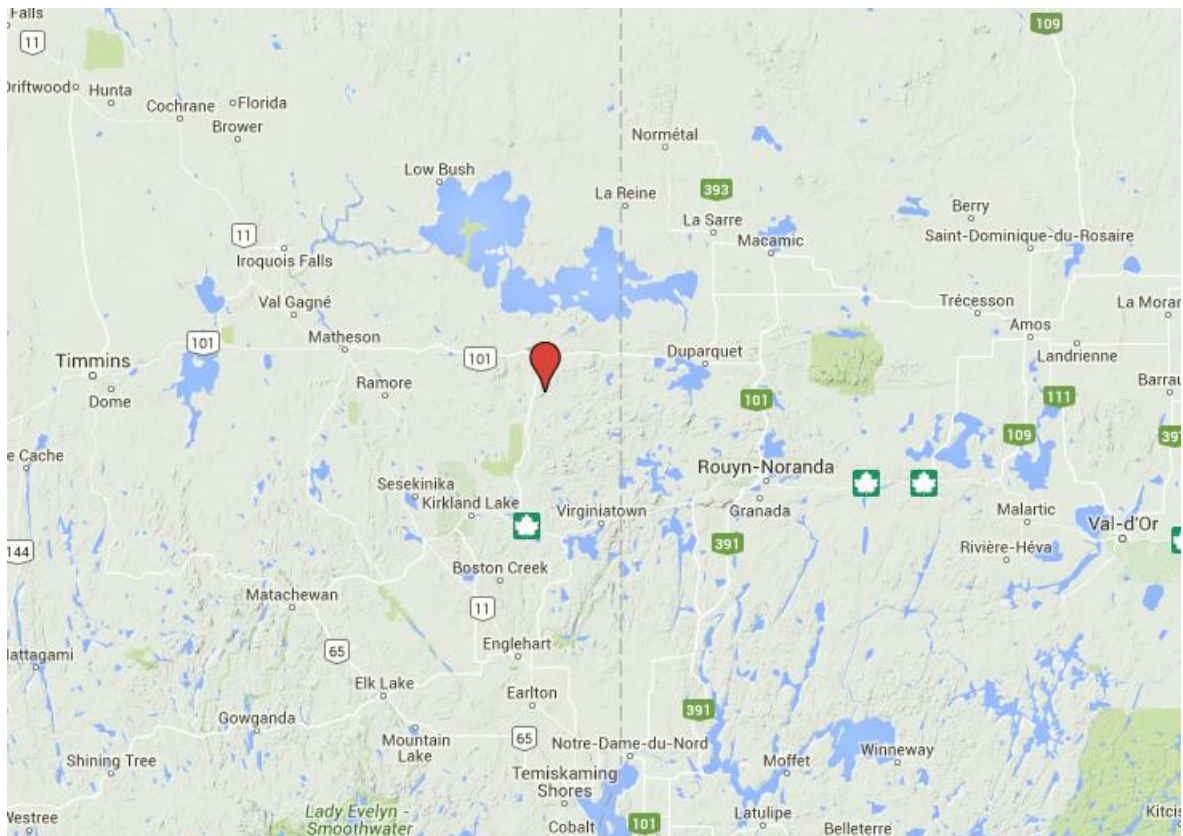


Figure 1: Location of the Harker Heritage Property

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 8 is located within Harker and Holloway Townships. Access to this area was via highway 672. Approximately 40 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

The first recorded work by the present claim holders was in 1982 and consisted of magnetometer and VLF surveys. From 1982 to present, the current claim holders have cut numerous grids on which has been performed magnetometer, VLF, HLEM, geochem and geological mapping. The present claim holders also had an airborne magnetometer and VLF survey performed and drilled 19 diamond drill holes totaling 12142 feet.

Additional claim holders prior to the present claim holders also performed airborne magnetometer and VLF surveys over portions of the property. Between 1985-1987 Newmont Exploration of Canada Limited held a portion of the claims covered by the traverses. Over these they mapped the geology and drilled 56 reverse circulation drill holes.

Additional undocumented work has been performed over the traverse area. Areas of stripping and channel sampling along with an adit was located during the traverses.

2. SURVEY WORK UNDERTAKEN

2.1 SURVEY LOG

Date	Description
November 19, 2015	Collected Sample 06067
	Collected Sample 06068
	Collected Sample 06069
	Collected Sample 06070
	Collected Sample 06071
	Collected Sample 06073
	Collected Sample 06074
	Collected Sample 06075
	Collected Sample 06076
	Collected Sample 06077
	Collected Sample 06078
	Collected Sample 06079
	Collected Sample 06080
	Collected Sample 06081
	Collected Sample 06082
	Collected Sample 06083
	Collected Sample 06084
	Collected Sample 06085
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 06067

NAD 83 - Zone 17N
588945E 5367277N

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 with mixed vegetation.

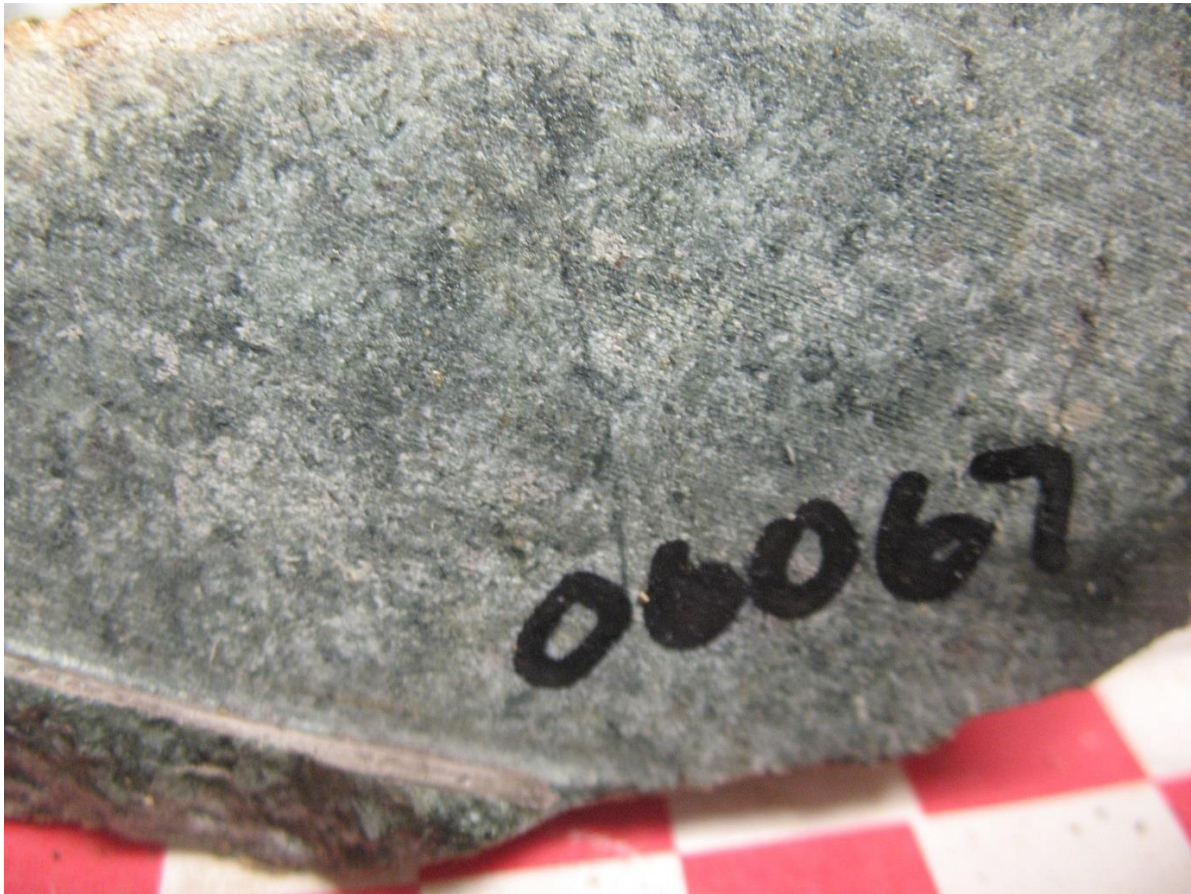


Figure 2: Sample 06067

Sample 06068

NAD 83 - Zone 17N

589347E 5367510N

High Frequency	0.0
Magnetic Susceptibility	1.1 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

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

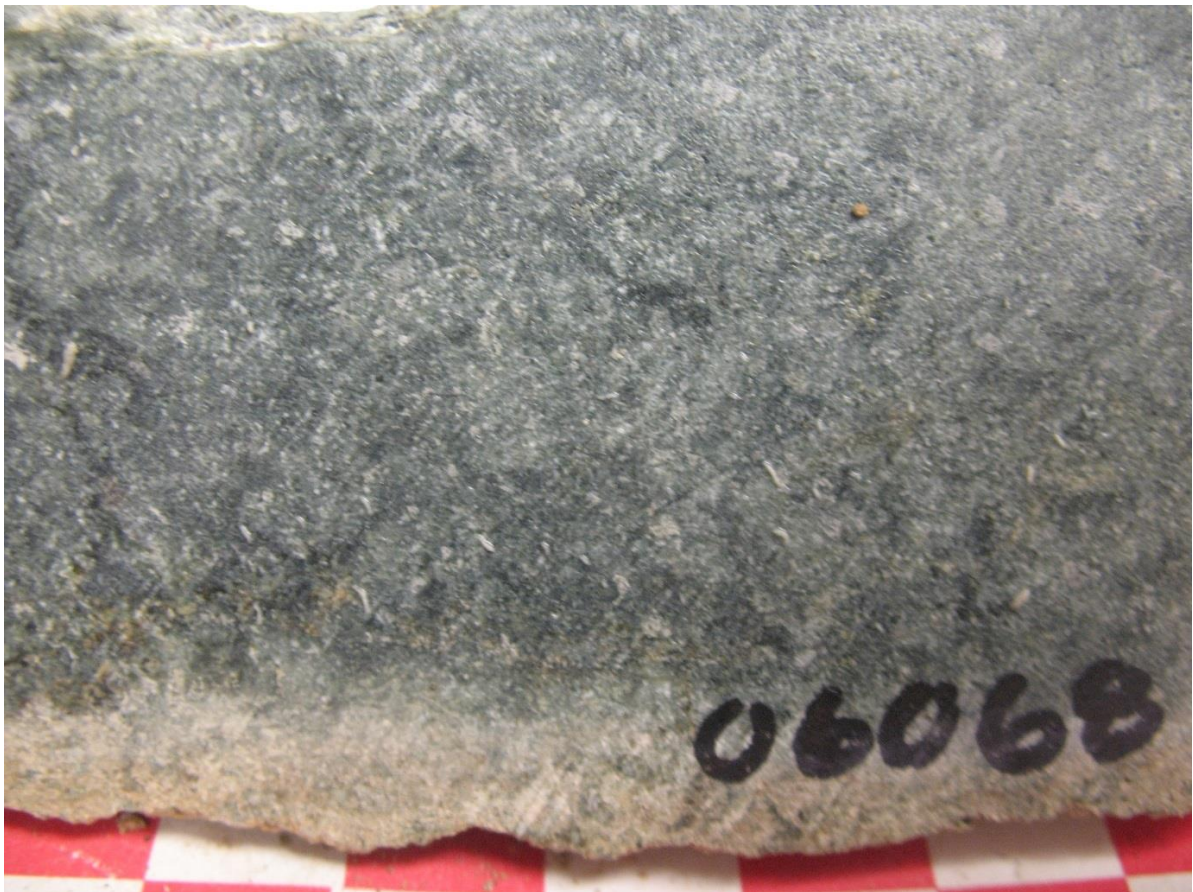


Figure 3: Sample 06068

Sample 06069

NAD 83 - Zone 17N

589464E 5367509N

High Frequency	0.0
Magnetic Susceptibility	70.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

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

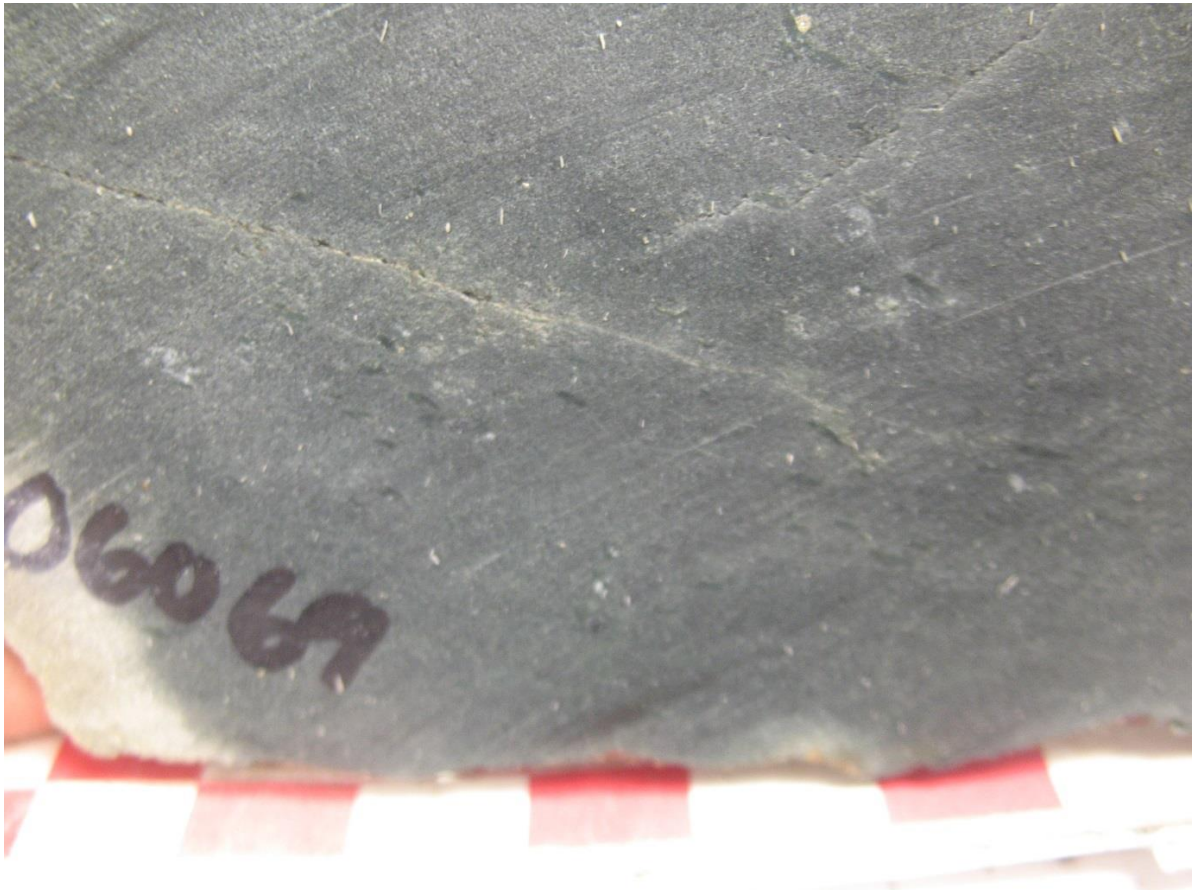


Figure 4: Sample 06069

Sample 06070

NAD 83 - Zone 17N

589658E 5367397N

High Frequency	0.0
Magnetic Susceptibility	2.1 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The outcrop this sample was collected from was in an area with mixed vegetation.

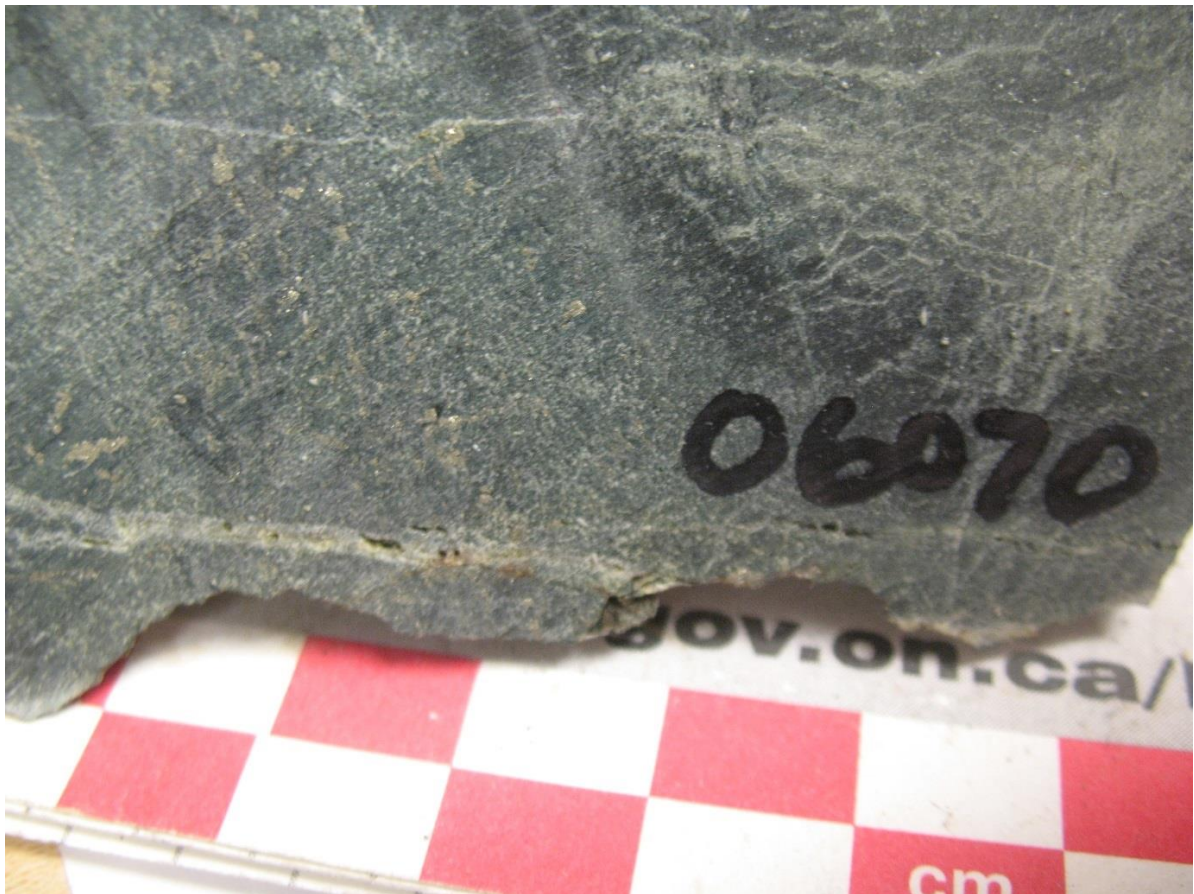


Figure 5: Sample 06070

Sample 06071

NAD 83 - Zone 17N

589721E 5367326N

High Frequency	0.0
Magnetic Susceptibility	225.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The outcrop this sample was collected from was in an area with mixed vegetation.



Figure 6: Sample 06071

This outcrop is continuous for 62 meters to UTM coordinates 589761E and 5367279N.

Sample 06073

NAD 83 - Zone 17N

589866E 5367280N

High Frequency	1.0
Magnetic Susceptibility	56.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The vegetation is mixed at this location.

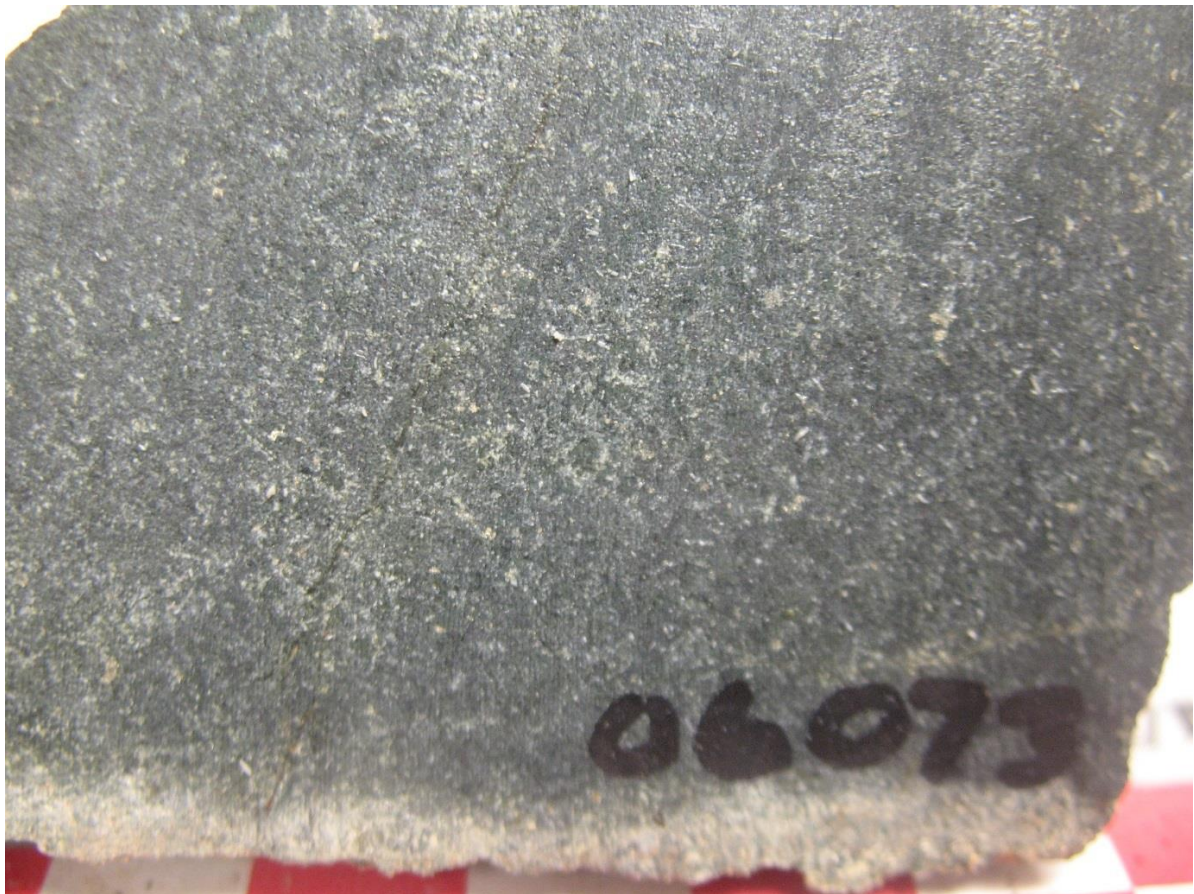


Figure 7: Sample 06073

This outcrop is continuous for 77 meters to UTM coordinates 589791E and 5367265N.

Sample 06074

NAD 83 - Zone 17N

590010E 5367254N

High Frequency	0.0
Magnetic Susceptibility	23.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The vegetation is mixed at this location.

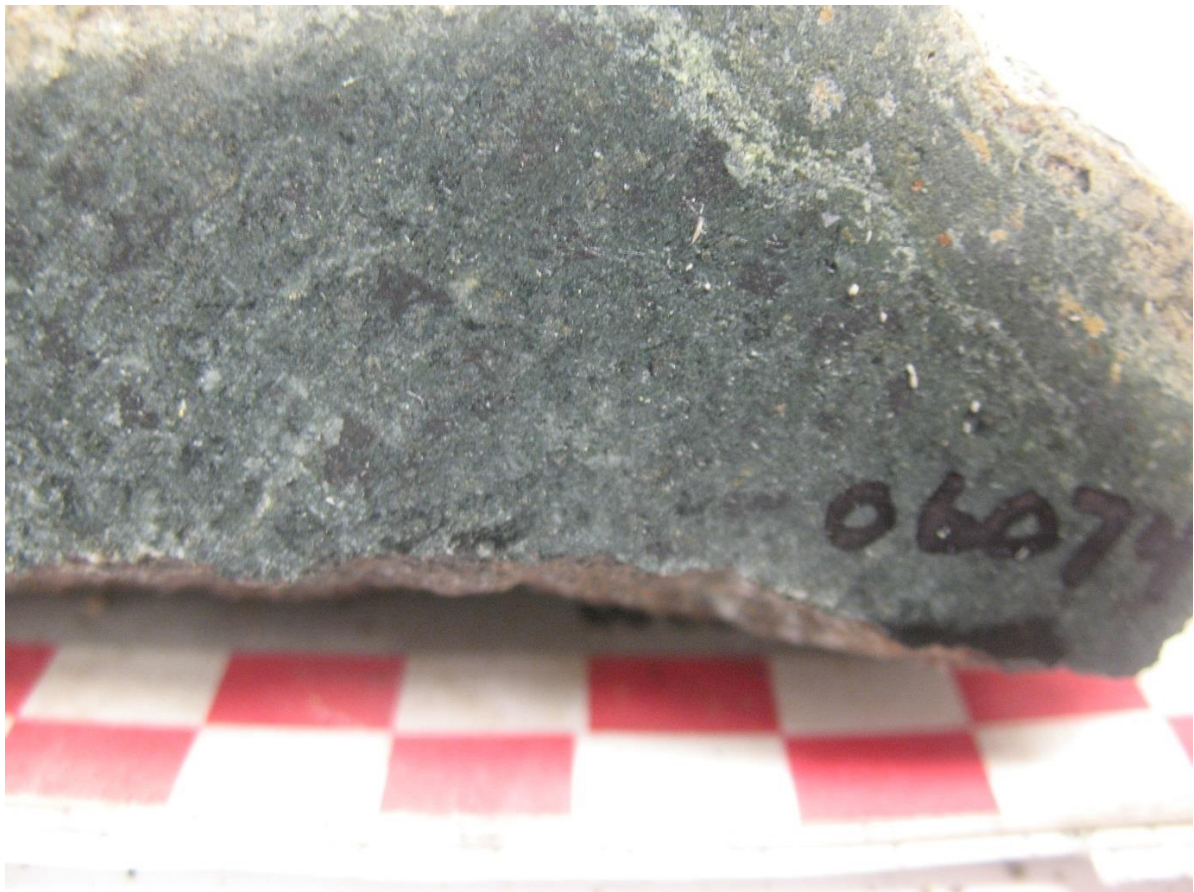


Figure 8: Sample 06074

Sample 06075

NAD 83 - Zone 17N

590090E 5367246N

High Frequency	0.0
Magnetic Susceptibility	60.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The vegetation is mixed at this location.



Figure 9: Sample 06075

Sample 06076

NAD 83 - Zone 17N

590184E 5367274N

High Frequency	0.0
Magnetic Susceptibility	0.2 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

This sample was taken from a muckpile. This sample most likely represents the ore mined at the Iris Mine.

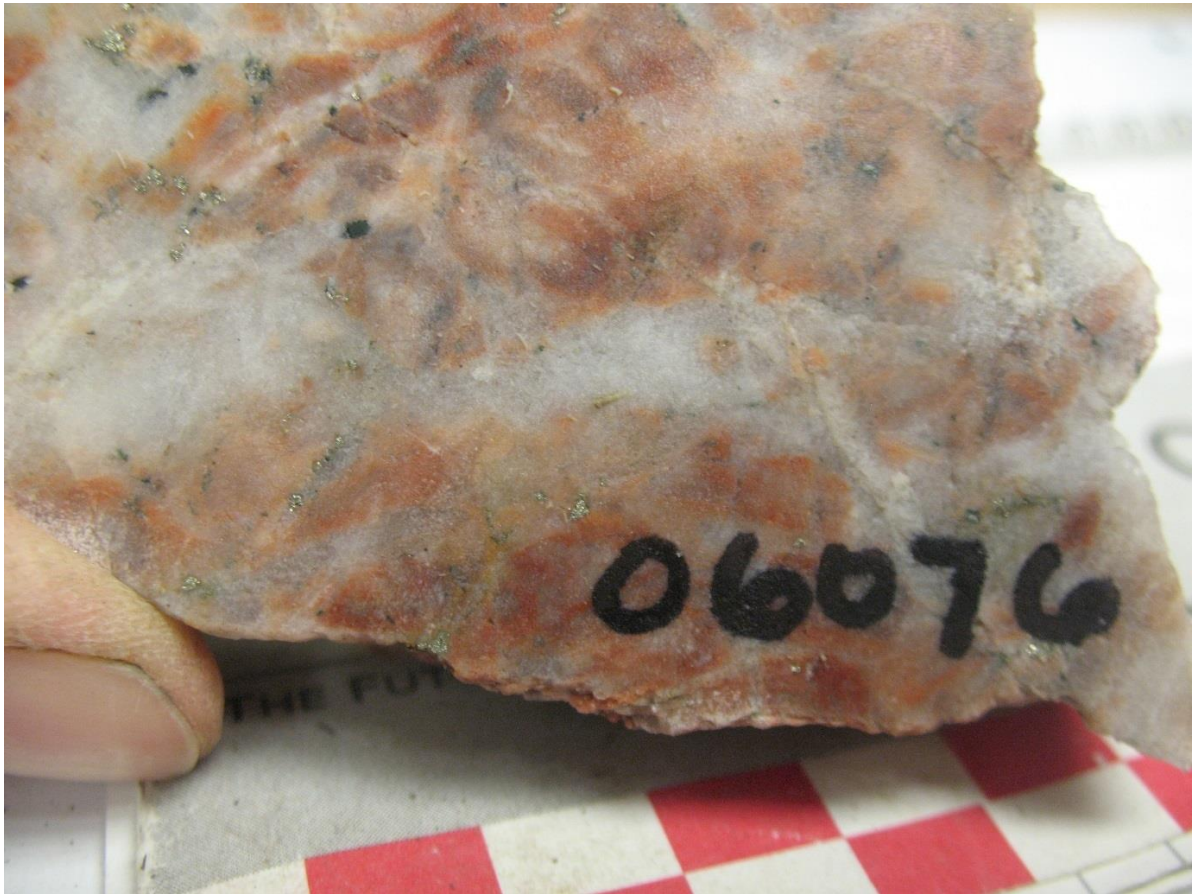


Figure 10: Sample 06076

Sample 06077**NAD 83 - Zone 17N****590348E 5367613N**

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

The vegetation at this location consists of a spruce/birch mix. A large stripped area is located east of this point. The stripping area appears to have been washed and is approximately 200m x 100m in size. Located at 590469E and 5367643N is the entrance of an adit which most likely represents the Iris Mine.



Figure 11: Sample 06077

Sample 06078

NAD 83 - Zone 17N

590607E 5367769N

High Frequency	0.0
Magnetic Susceptibility	1.3 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

This outcrop occurs on the edge of a beaver pond.



Figure 12: Sample 06078

Sample 06079

NAD 83 - Zone 17N

590960E 5367862N

High Frequency	0.0
Magnetic Susceptibility	24.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The vegetation is mixed at this location.



Figure 13: Sample 06079

This outcrop is repeated at coordinates 590986E and 5367882N.

Sample 06080

NAD 83 - Zone 17N

591729E 5367894N

High Frequency	0.0
Magnetic Susceptibility	20.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The vegetation is mixed at this location.



Figure 14: Sample 06080

Sample 06081**NAD 83 - Zone 17N****591513E 5368237N**

High Frequency	0.0
Magnetic Susceptibility	0.8 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

This outcrop was repeated at many locations. It represents a volcanic flow with visible pillow selveges.



Figure 15: Sample 06081

This outcrop is repeated at coordinates 591320E 5368116N, 591355E 5368137N and 591520E 5368244N.

Sample 06082

NAD 83 - Zone 17N

591949E 5368059N

High Frequency	0.0
Magnetic Susceptibility	26.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

This sample was collected in a clearcut.

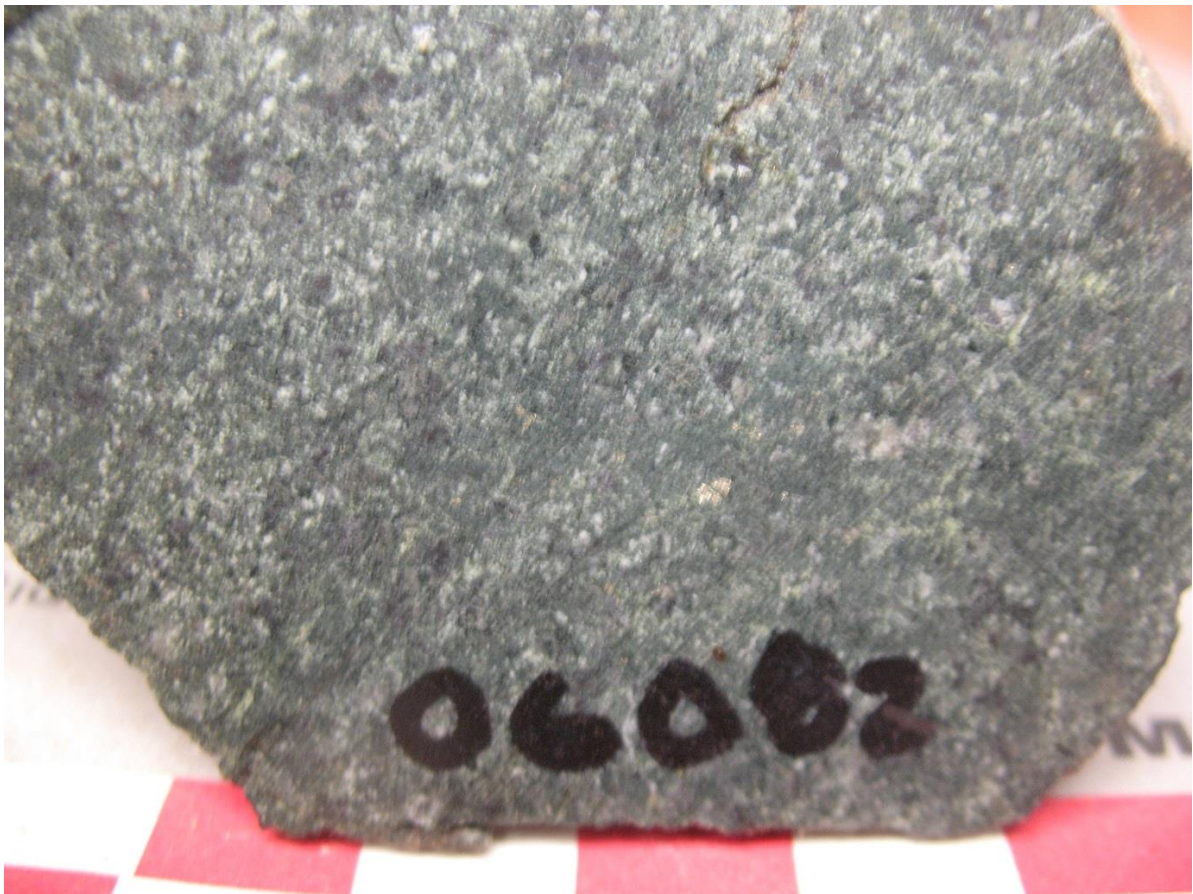


Figure 16: Sample 06082

Sample 06083

NAD 83 - Zone 17N

591390E 5368759N

High Frequency	2.0
Magnetic Susceptibility	111.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The vegetation at this location is composed of spruce.



Figure 17: Sample 06083

Sample 06084

NAD 83 - Zone 17N

590521E 5367615N

High Frequency	0.0
Magnetic Susceptibility	190.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The vegetation at this location is a mixture of spruce and birch.

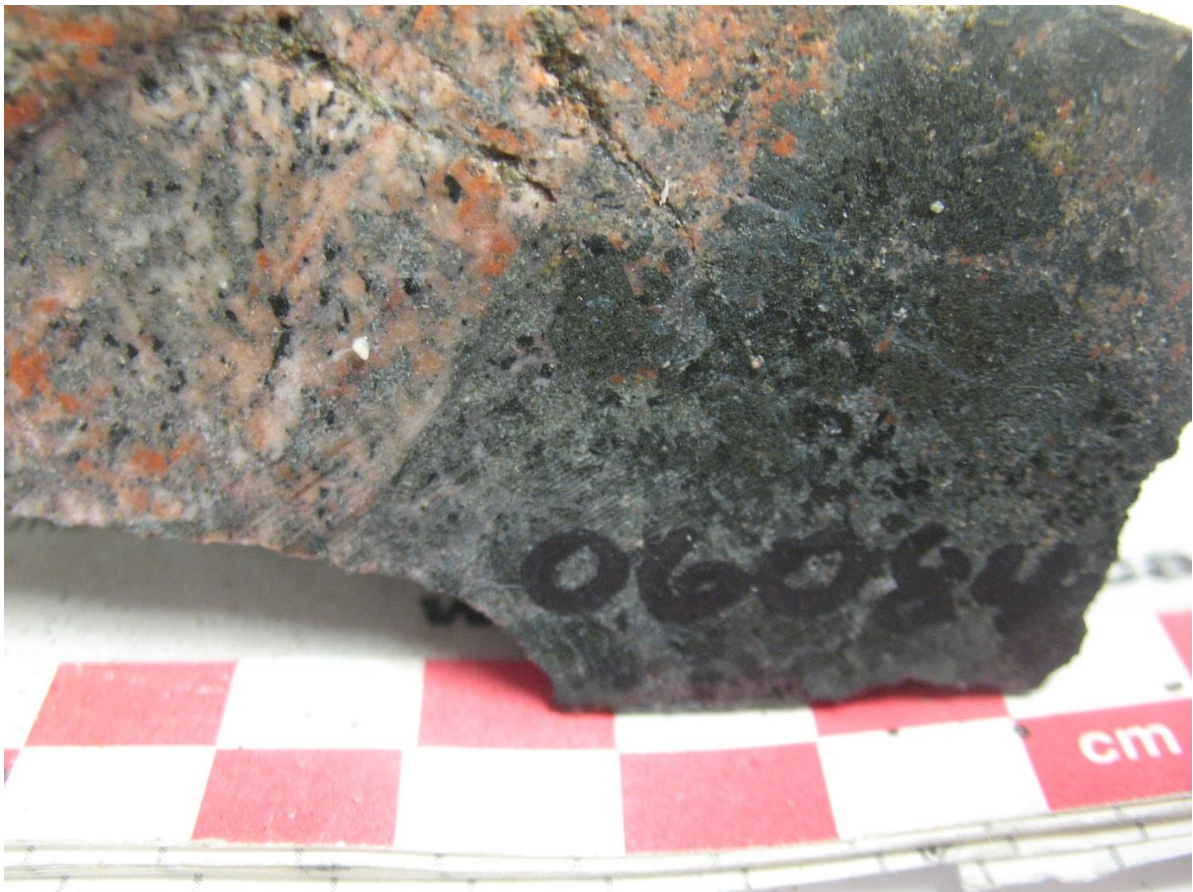


Figure 18: Sample 06084

Sample 06085**NAD 83 - Zone 17N****590509E 5367535N**

High Frequency	0.0
Magnetic Susceptibility	107.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

The vegetation at this location is a mixture of spruce and birch.

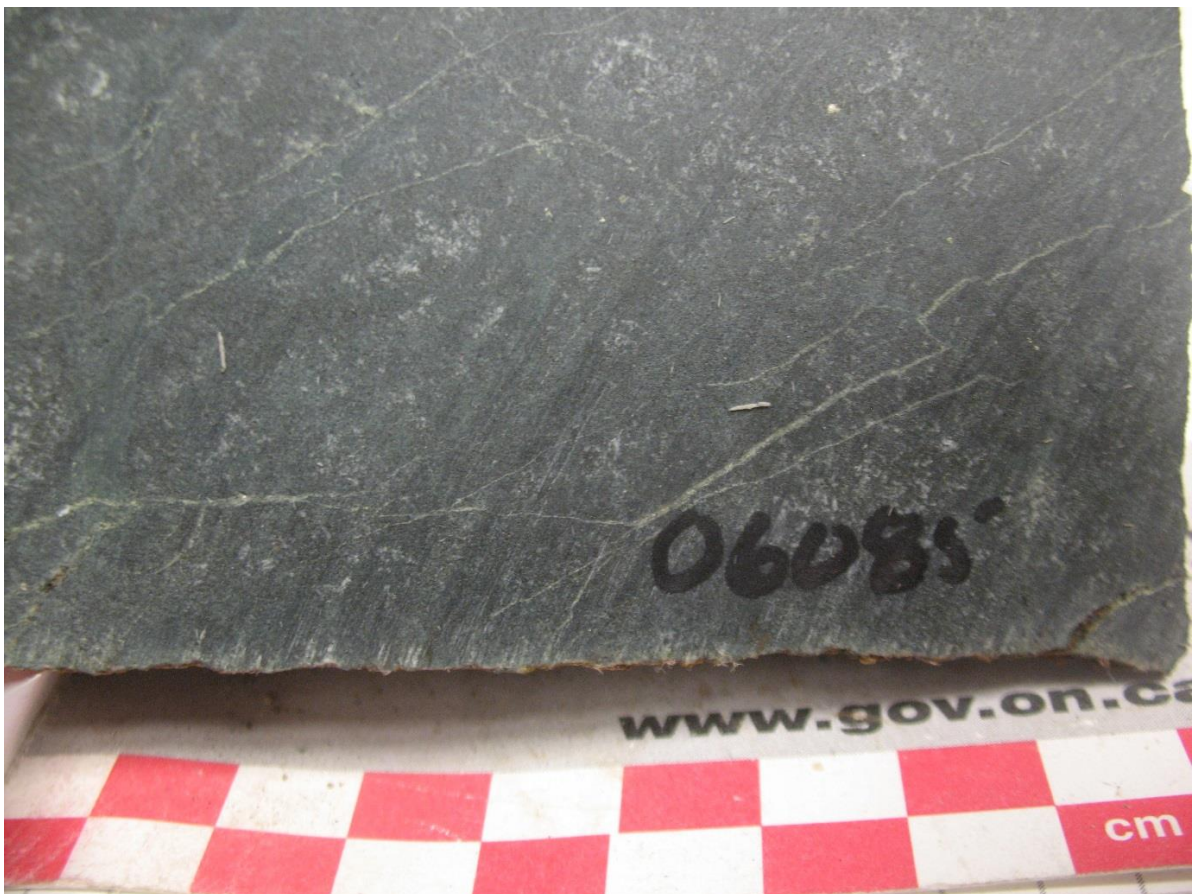


Figure 19: Sample 06085

From the samples tested some of the units should be discoverable and traced through a magnetometer survey. Two of the elevated magnetic susceptibility readings also indicate an HF response, which is most likely resulting from the magnetite content. This may also indicate that these units are discoverable and traceable through IP.

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
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
<u>Geocaching-friendly:</u>	yes (paperless)
<u>Custom maps compatible:</u>	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*

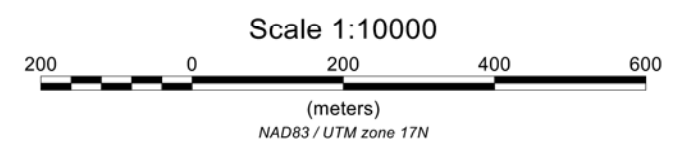
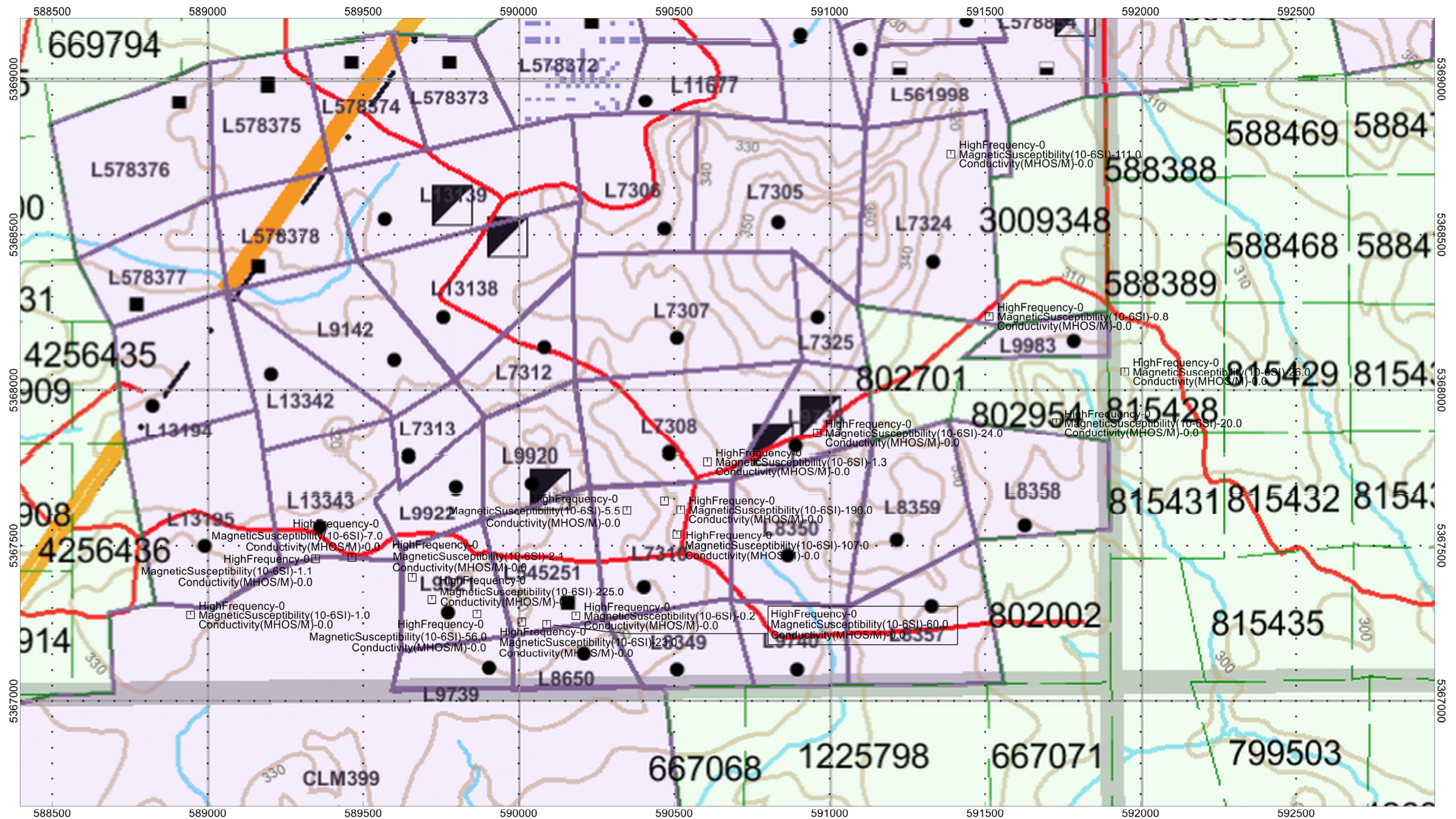
APPENDIX C

LIST OF MAPS (IN MAP POCKET)

Physical Properties Plan Map (1:20000)

- 1) Q2154-Tiger-Harker Heritage-Area 8-PhysProp

TOTAL MAPS = 1



**TIGER GOLD
EXPLORATION CORPORATION**

**HARKER HERITAGE PROPERTY
Area 8
Harker Township, Ontario**

PHYSICAL PROPERTY PLAN MAP

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



Drawing: TIGER-HARKER HERITAGE-AREA 8-PHYSPROP