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CANADIAN EXPLORATION SERVICES LTD

**TIGER GOLD EXPLORATION
CORPORATION**

**Q2154 - Harker Heritage Property - Area 13
Physical Properties**

C Jason Ploeger, P.Geo. – June 30, 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 13 which is in Elliot 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 13**.

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.

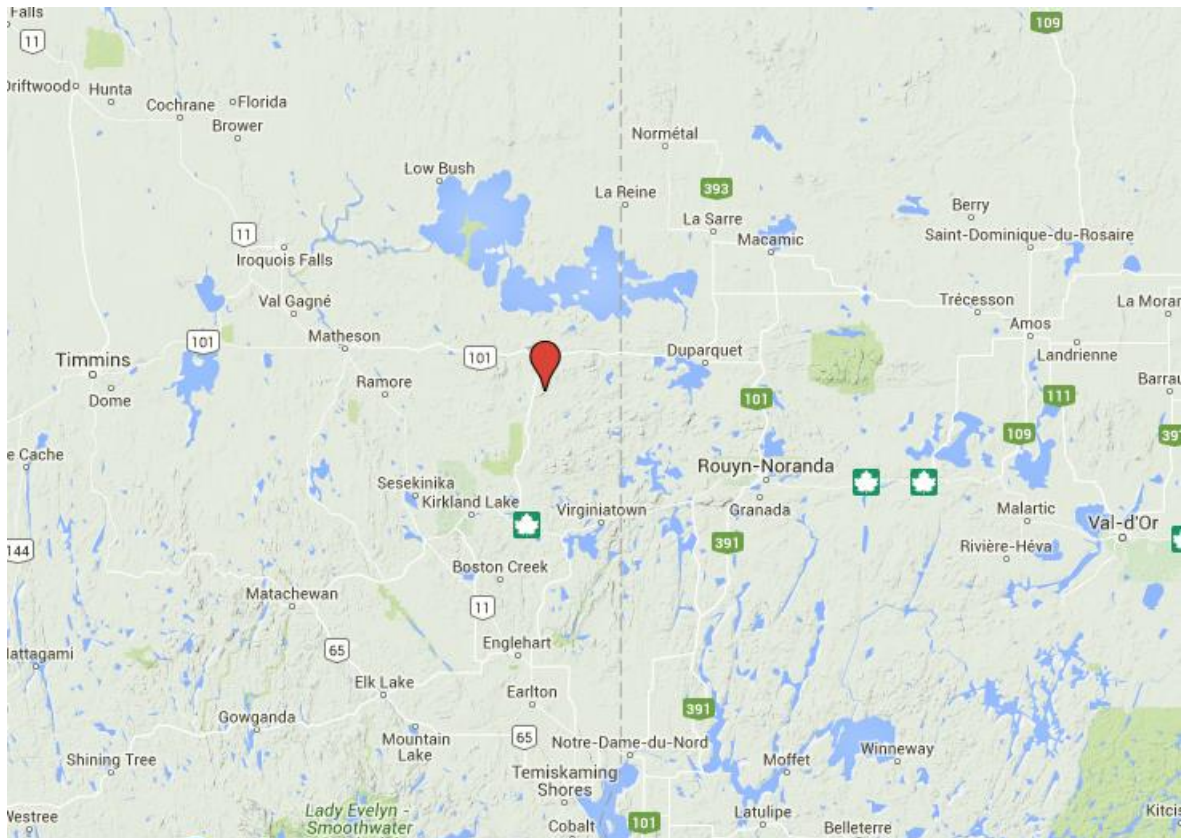


Figure 1: Location of the Harker Heritage Property

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 13 is located within Elliott Township. Access to this area was via highway 672. Approximately 36.5 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.

1.5 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.

The mining claims traversed all fall within Elliott Township within the Larder Lake Mining Division. These claims include 4252119, 4252120, 1248883, 821894, 821895, 821896, 821899, 803604, 803790, 4259140, 738834, 738835, 738836, 738843, 738844 4225031, 4225032, 738610, 738611, 739245, 738845, 739244, 802706 and 802708.

1.6 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.

1.7 PREVIOUS WORK

The historic work found in the archives appears to reflect that done by Tiger Gold Exploration Corporation or its subsidiaries since 1984. This includes numerous grids being cut with magnetometer, VLF surveys being performed. This work also includes stripping and trenching with geological mapping. Two historic airborne magnetometer and VLF surveys were also flown in 1985 and 1986.

2. SURVEY WORK UNDERTAKEN**2.1 SURVEY LOG**

Date	Description
December 12, 2015	Collected Sample 06127
December 13, 2015	Collected Sample 06123
	Collected Sample 06124
	Collected Sample 06125
	Collected Sample 06126
February 18, 2016	Cut sample and test physical properties.

Table 1: Survey Log

2.2 PERSONNEL

Claudia Moraga of Britt, 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.

2.4 RATIONALE

The rock samples from various areas on the property had various physical properties tested. Using these properties a better understanding of the responses from historic and future geophysical surveys can be gained. The physical property responses may also assist in future survey design.

3. OVERVIEW OF SURVEY RESULTS

Sample 06123

NAD 83 - Zone 17N
584608E 5365610N

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

This sample represents a mafic volcanic. <0.5 mm chlorite spotting is present.

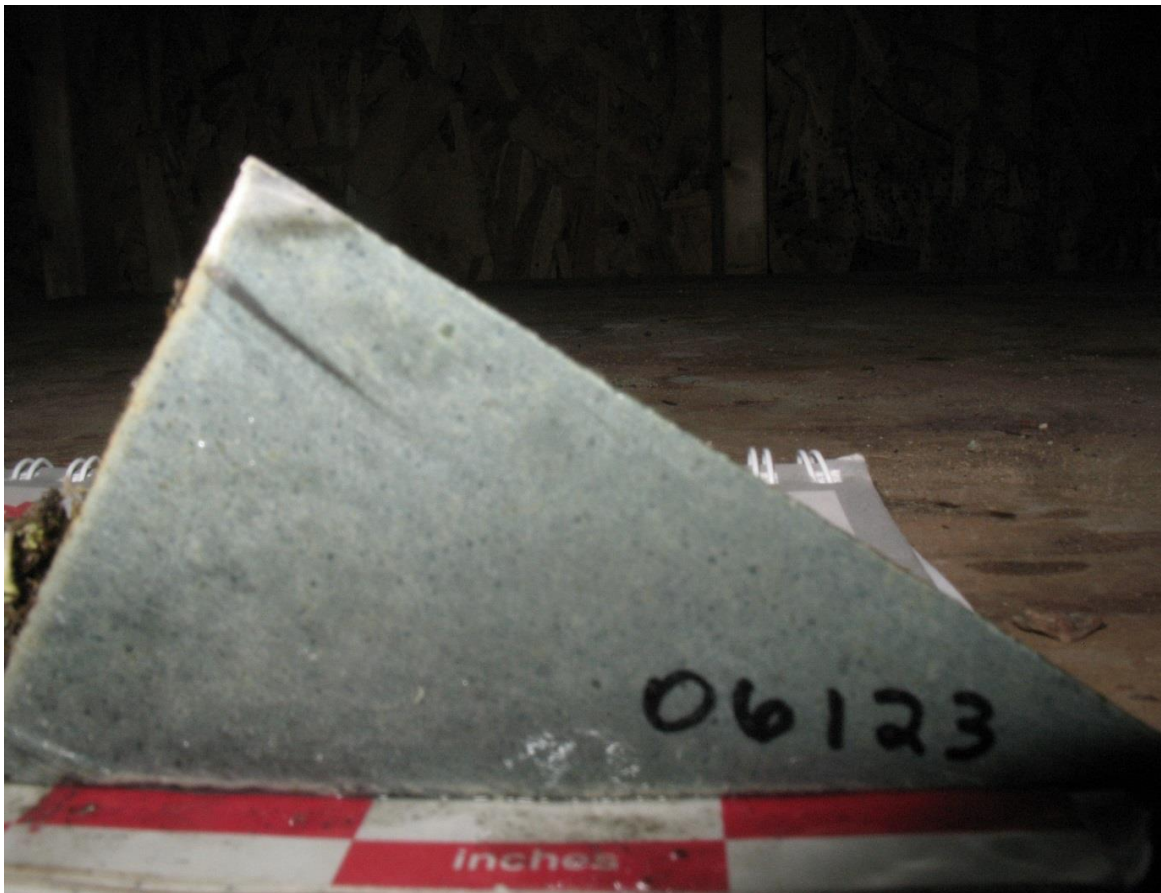


Figure 2: Sample 06123

Sample 06124

NAD 83 - Zone 17N

584640E 5365561N

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

This sample represents a mafic volcanic. This sample reacts with acid.



Figure 3: Sample 06124

Sample 06125

**NAD 83 - Zone 17N
584742E 5365505N**

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

This sample represents a mafic volcanic. 1 mm chlorite spotting is present. This sample also reacts strongly to acid.



Figure 4: Sample 06125

Sample 06126

**NAD 83 - Zone 17N
584797E 5365199N**

High Frequency	0.0
Magnetic Susceptibility	9.0 (10 ⁻⁶ SI)
Conductivity	0.0 (MHOS/M)

This sample represents a mafic volcanic. This sample also reacts strongly to acid.



Figure 5: Sample 06126

Sample 06127

**NAD 83 - Zone 17N
586604E 5364592N**

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

This sample represents a mafic volcanic.

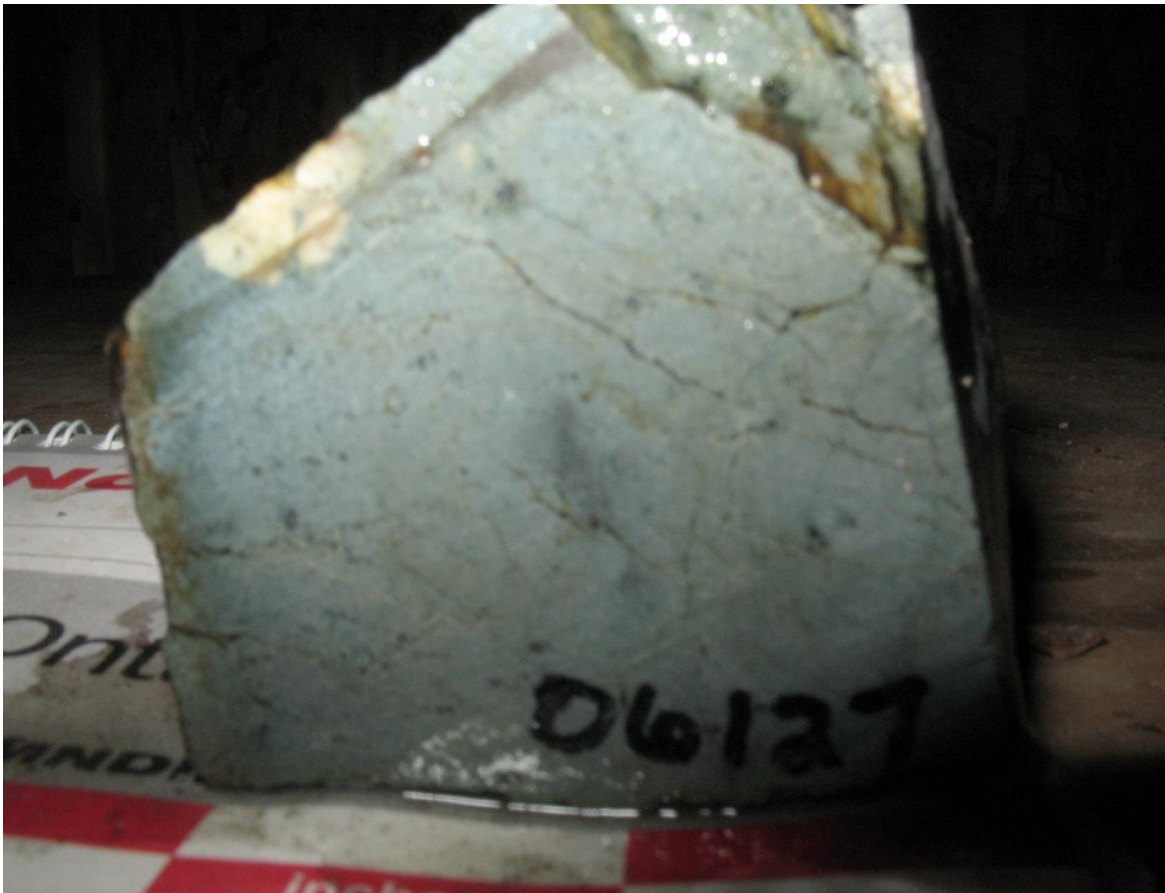


Figure 6: Sample 06127

3.1 CONCLUSION

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.

Weak responses were observed in all the physical property data was observed. No geophysical method can be predicted to identify these geologic units.

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
June 30, 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)

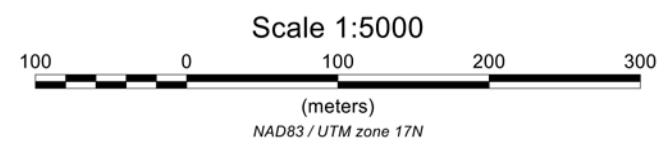
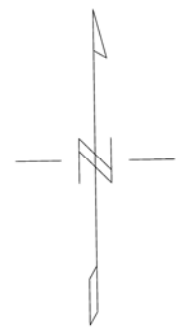
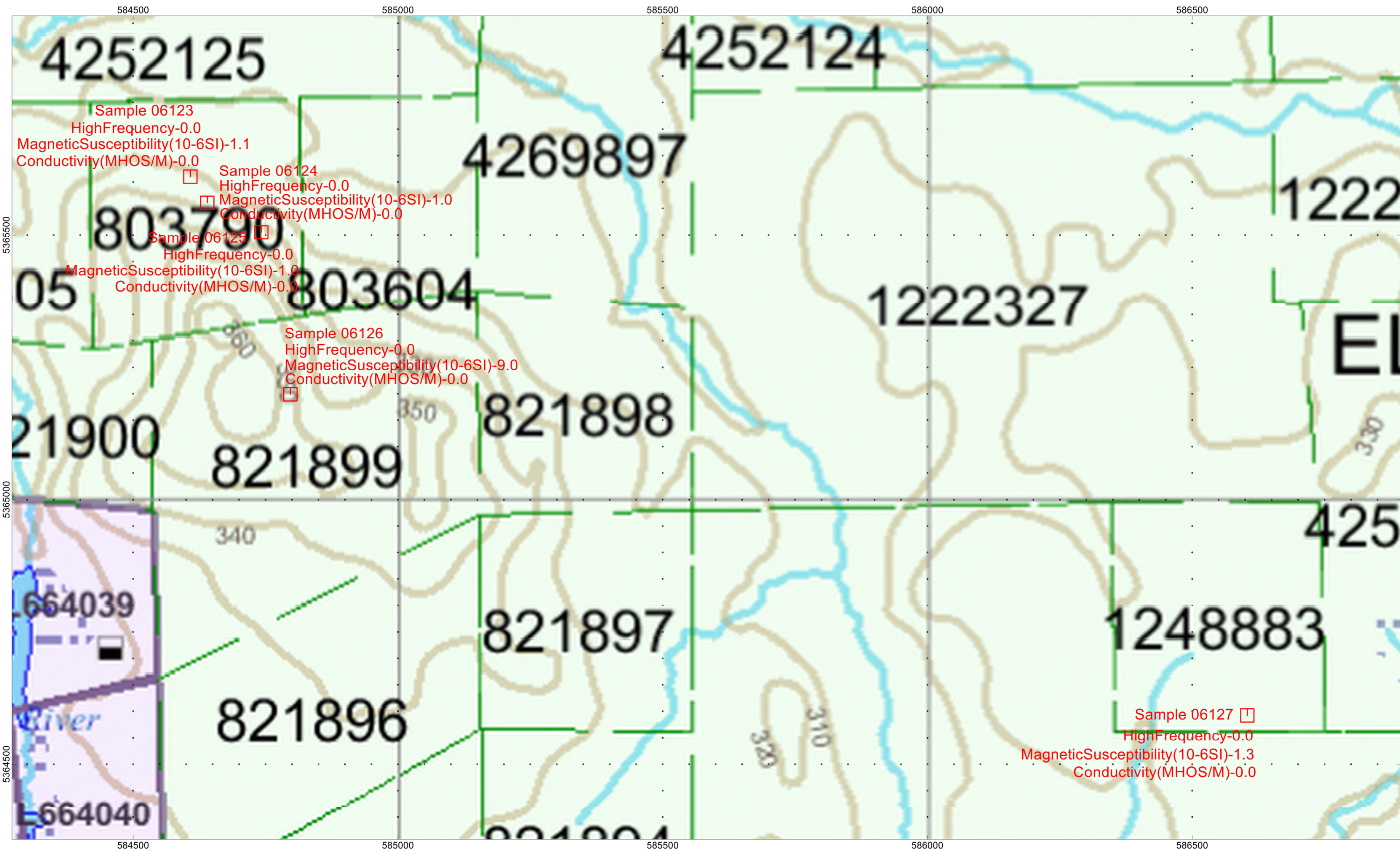
Physical Properties Plan Map (1:5000)

- 1) Q2154-Tiger-Harker Heritage-Area 13-PhysProp

TOTAL MAPS = 1

877.504.2345 | info@cxsltd.com | www.cxsltd.com





**TIGER GOLD
EXPLORATION CORPORATION**

**HARKER HERITAGE PROPERTY
Area 13
Elliott Township, Ontario**

PHYSICAL PROPERTY PLAN MAP

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



Drawing: TIGER-HARKER HERITAGE-AREA 13-PHYSPROP