



CANADIAN EXPLORATION SERVICES LTD

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KNIGHTSBRIDGE EXPLORATION LTD.

VLF EM Survey Over the

North Wind Property

Connaught Township, Ontario

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1. SURVEY DETAILS

1.1 PROJECT NAME

This project is known as the **North Wind Property**.

1.2 CLIENT

Knightsbridge Exploration Ltd

P.O. Box 219
Larder Lake, Ontario
P0K 1L0

1.3 LOCATION

The North Wind Property is located approximately 10 km northwest of Shining Tree, Ontario. The survey area covers mining claim numbered 4217075, 4266575 and 4266574, located in Connaught Township, within the Larder Lake Mining Division.

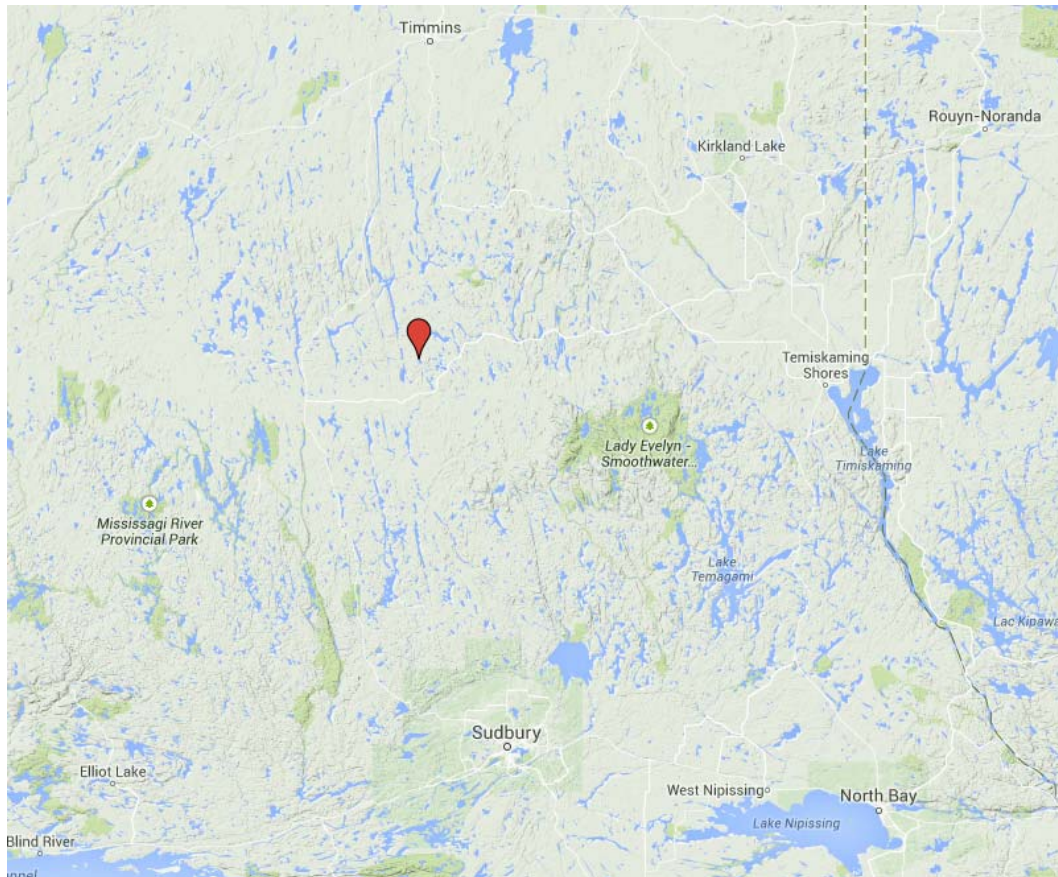


Figure 1: Location of the North Wind Property

1.4 ACCESS

Access to the property was attained with a 4x4 truck via the Highway 560 approximately 16km west of the town of Shining Tree, Ontario. From here a forestry access road was travelled north for an additional 14 kilometers to a point where the snow machines had to be employed for the final 5 kilometers.

1.5 SURVEY GRID

The traversed lines were established using a GPS in conjunction with the execution of the survey. The GPS operator would establish sample locations while remaining approximately 12.5m in front of the VLF EM operator. GPS waypoint and VLF EM samples were taken every 12.5m along these controlled traverses. The GPS used was a Garmin GPSMAP 62s.

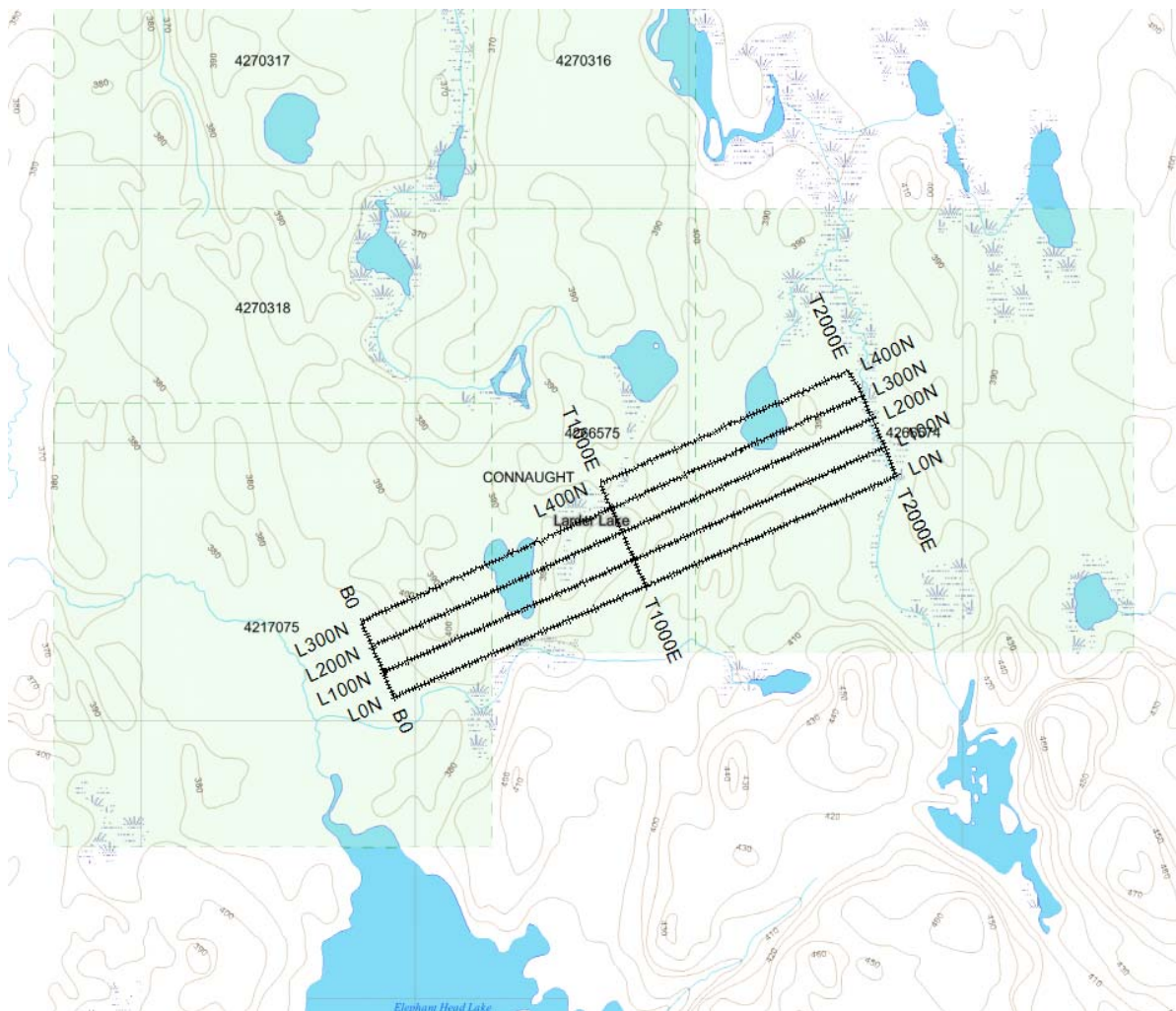


Figure 2: Claim Map with North Wind Property Traverses

2. SURVEY WORK UNDERTAKEN

2.1 SURVEY LOG

Date	Description	Line	Min Extent	Max Extent	Total Survey (m)
March 17, 2015	Break trail in and locate survey area. Snow conditions extremely difficult.	0N	0	2000E	2000
		100N	1000E	2000E	1000
		0E	0	100N	100
		1000E	0	200N	200
		2000E	0	225N	225
March 18, 2015	Complete the survey traverses.	100N	0	1000E	1000
		200N	0	2000E	2000
		300N	0	2000E	2000
		400N	1000E	2000E	1000
		0E	100N	300N	200
		1000E	200N	400N	200
		2000E	225N	425N	225

Table 1: Survey Log

2.2 PERSONNEL

Jason Ploeger of Larder Lake, Ontario and Claudia Moraga of Britt, Ontario conducted all the VLF EM data collection with Bill Bonney of Kirkland Lake, Ontario and Bruce Lavalley of Britt, Ontario responsible for the GPS control and GPS waypoint collection.

2.3 SURVEY SPECIFICATIONS

The survey was conducted with a GSM-19 v7 Overhauser VLF.

A total of 10.150 line kilometers of VLF EM was read over the North Wind Property on March 17th and 18th, 2015. This consisted of 812 VLF EM samples taken at a 12.5m sample interval.

3. OVERVIEW OF SURVEY RESULTS

3.1 SUMMARY INTERPRETATION

The survey was designed to ground truth a historic VTEM survey that was conducted over the region in 2008. This VTEM dataset is not available so exact position of the anomalies is not available. Unfortunately access and snow conditions did not allow for proper coverage of the anomaly area.

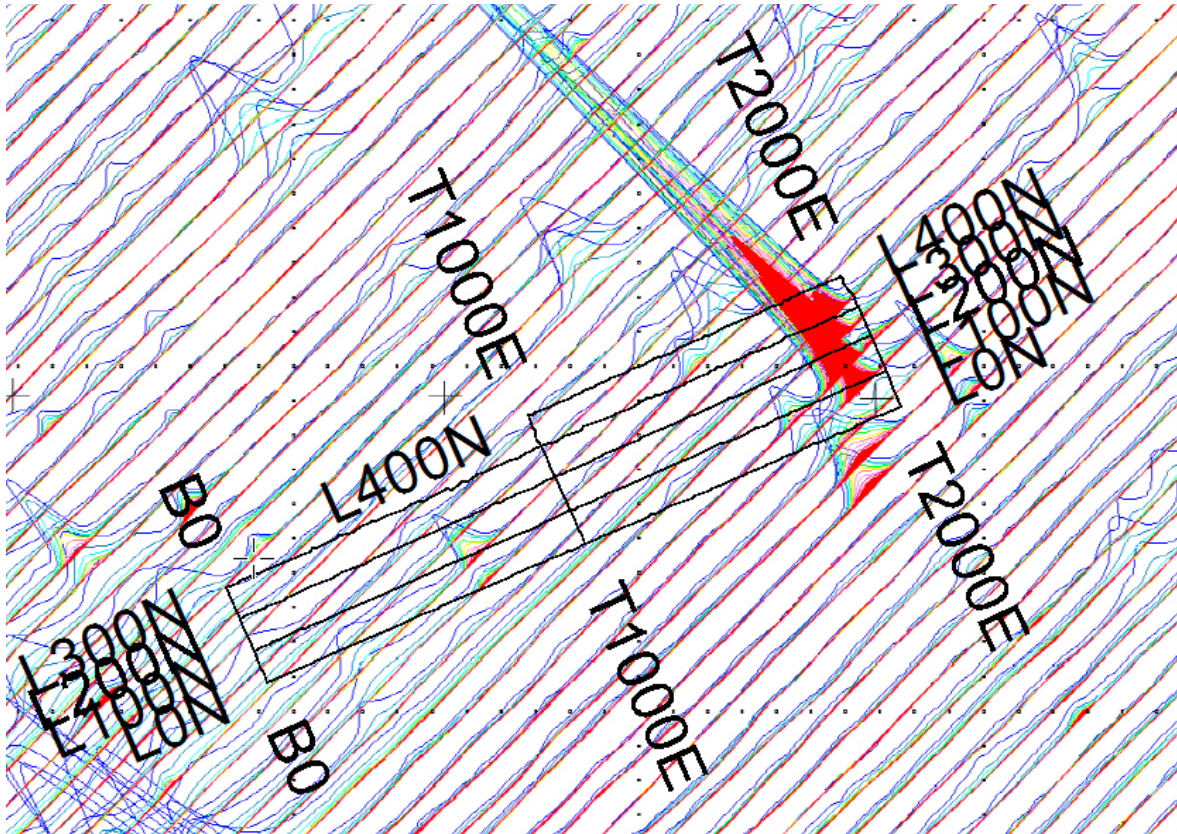


Figure 3: VTEM Early Time Results with VLF EM Traverses



Figure 4: Google Image with VLF EM Axis Overlay

A series of parallel axis appear to occur within the survey area. When compared to the VTEM results it is noted that there may be a slight shift in the ground location of these anomalies. This shift could be a result of scaling off the maps.

Some strong axis appear on the extreme east side of the survey area. These axis should be further investigated because of their correlation with the strong VTEM responses. I would recommend cutting an access trail to this location along with cutting a grid over the anomalous areas. From here a walkmag survey, VLF EM, HLEM and IP surveys should be performed. This should coincide with prospecting/geological mapping and a MMI survey. These will better characterize the nature of the anomalies.

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 **Knightsbridge Exploration Ltd.**
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.Ge., B.Sc.
Geophysical Manager
Canadian Exploration Services Ltd.

Larder Lake, ON
April 27, 2015

APPENDIX B

THEORETICAL BASIS AND SURVEY PROCEDURES

VLF EM SURVEY

The frequency domain VLF electromagnetic survey is designed to measure both the vertical and horizontal in-phase (IP) and Quadrature (OP) components of the anomalous field from electrically conductive zones. The sources for VLF EM surveys are several powerful radio transmitters located around the world which generate EM radiation in the low frequency band of 15-25kHz. The signals created by these long-range communications and navigational systems may be used for surveying up to several thousand kilometres away from the transmitter. The quality of the incoming VLF signal can be monitored using the field strength. A field strength above 5pT will produce excellent quality results. Anything lower indicates a weak signal strength, and possibly lower data quality. A very low signal strength (<1pT) may indicate the radio station is down.

The EM field is planar and horizontal at large distances from the EM source. The two components, electric (E) and magnetic (H), created by the source field are orthogonal to each other. E lies in a vertical plane while H lies at right angles to the direction of propagation in a horizontal plane. In order to ensure good coupling, the strike of possible conductors should lie in the direction of the transmitter to allow the H vector to pass through the anomaly, in turn, creating a secondary EM field.

The VLF EM receiver has two orthogonal aeriels which are tuned to the frequency of the transmitting station. The direction of the source station is located by rotating the sensor around a vertical axis until a null position is found. The VLF EM survey procedure consists of taking measurements at stations along each line on the grid. The receiver is rotated about a horizontal axis, right angles to the traverse and the tilt recorded at the null position.

APPENDIX C

GSM 19



Specifications

Overhauser Performance

- Resolution: 0.01 nT
- Relative Sensitivity: 0.02 nT
- Absolute Accuracy: 0.2nT
- Range: 20,000 to 120,000 nT
- Gradient Tolerance: Over 10,000nT/m
- Operating Temperature: -40°C to +60°C

Operation Modes

- Manual: Coordinates, time, date and reading stored automatically at min. 3 second interval.
- Base Station: Time, date and reading stored at 3 to 60 second intervals.
- Walking Mag: Time, date and reading stored at coordinates of fiducial.
- Remote Control: Optional remote control using RS-232 interface.
- Input/Output: RS-232 or analog (optional) output using 6-pin weatherproof connector.

Operating Parameters

- Power Consumption: Only 2Ws per reading. Operates continuously for 45 hours on standby.
- Power Source: 12V 2.6Ah sealed lead acid battery standard, other batteries available
- Operating Temperature: -50°C to +60°C

Storage Capacity

- Manual Operation: 29,000 readings standard, with up to 116,000 optional. With 3 VLF stations: 12,000 standard and up to 48,000 optional.
- Base Station: 105,000 readings standard, with up to 419,000 optional (88 hours or 14 days uninterrupted operation with 3 sec. intervals)
- Gradiometer: 25,000 readings standard, with up to 100,000 optional. With 3 VLF stations: 12,000, with up to 45,000 optional.

Omnidirectional VLF

Performance Parameters: Resolution 0.5% and range to $\pm 200\%$ of total field.
Frequency 15 to 30 kHz.

Measured Parameters: Vertical in-phase & out-of-phase, 2 horizontal components, total field coordinates, date, and time.

Features: Up to 3 stations measured automatically, in-field data review, displays station field strength continuously, and tilt correction for up to $\pm 10^\circ$ tilts.

Dimensions and Weights: 93 x 143 x 150mm and weighs only 1.0kg.

Dimensions and Weights

Dimensions:

Console: 223 x 69 x 240mm

Sensor: 170 x 71mm diameter cylinder

Weight:

Console: 2.1kg

Sensor and Staff Assembly: 2.0kg

Standard Components

GSM-19 magnetometer console, harness, battery charger, shipping case, sensor with cable, staff, instruction manual, data transfer cable and software.

Taking Advantage of a “Quirk” of Physics

Overhauser effect magnetometers are essentially proton precession devices except that they produce an order-of magnitude greater sensitivity. These "supercharged" quantum magnetometers also deliver high absolute accuracy, rapid cycling (up to 5 readings / second), and exceptionally low power consumption.

The Overhauser effect occurs when a special liquid (with unpaired electrons) is combined with hydrogen atoms and then exposed to secondary polarization from a radio frequency (RF) magnetic field. The unpaired electrons transfer their stronger polarization to hydrogen atoms, thereby generating a strong precession signal-- that is ideal for very high-sensitivity total field measurement. In comparison with proton precession methods, RF signal generation also keeps power consumption to an absolute minimum and reduces noise (i.e. generating RF frequencies are well out of the bandwidth of the precession signal).

In addition, polarization and signal measurement can occur simultaneously - which enables faster, sequential measurements. This, in turn, facilitates advanced statistical averaging over the sampling period and/or increased cycling rates (i.e. sampling speeds).

APPENDIX C

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 receiver:	yes
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 D

LIST OF MAPS (IN MAP POCKET)

Posted profiled VLF EM plan map (15000)

- 1) KNIGHTSBRIDGE-NORTH WIND-VLF-NAA-Q2060

Claim Map with Traverses (1:20000)

- 2) KNIGHTSBRIDGE-NORTH WIND-GRID-Q2060

TOTAL MAPS = 2

Date / Time of Issue: Tue Sep 23 14:12:12 EDT 2014

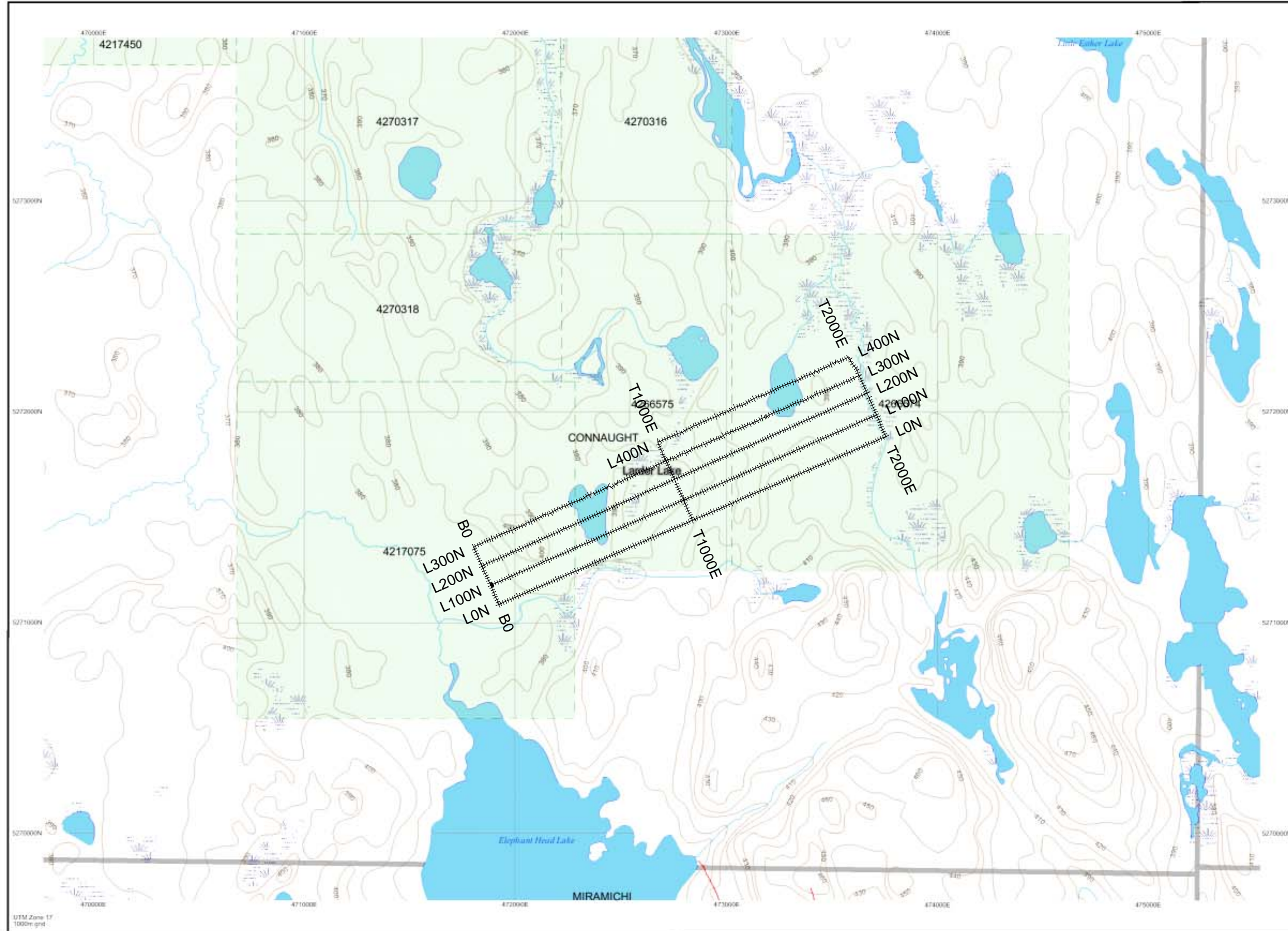
TOWNSHIP / AREA
CONNAUGHT

PLAN
G-0966

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division
Land Titles/Registry Division
Ministry of Natural Resources District

Larder Lake
SUDBURY
TIMMINS



TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession Lot
- Provincial Plans
- Indian Reserve
- CIE, P1 & P2
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

- Feehold Patent**
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Leasehold Patent**
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- License of Occupation**
 - Uses Not Specified
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Land Use Permits**
 - Order In Council (Not open for staking)
 - Water Power Lease Agreement

MATTADAMI	BURROWS	KEMP	BOGD
TOGO	CABOT	HELVIN	NATAL
BRUNDECK	CONNAUGHT	CHURCHILL	
LONDONBERRY	MIRAMICHI	ASOUTH	FARBETT
GARVEY	GARIBOLDI	SHEARD	OSLEW

- Mining Claim
- Filled Only Mining Claims
- LAND TENURE WITHDRAWALS**
- Areas Withdrawn from Disposition
- Mining Acts Withdrawal Types**
- W_{SM} Surface And Mining Rights Withdrawn
- W_S Surface Rights Only Withdrawn
- W_M Mining Rights Only Withdrawn
- Order In Council Withdrawal Types**
- W_{SM} Surface And Mining Rights Withdrawn
- W_S Surface Rights Only Withdrawn
- W_M Mining Rights Only Withdrawn
- IMPORTANT NOTICES**



Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

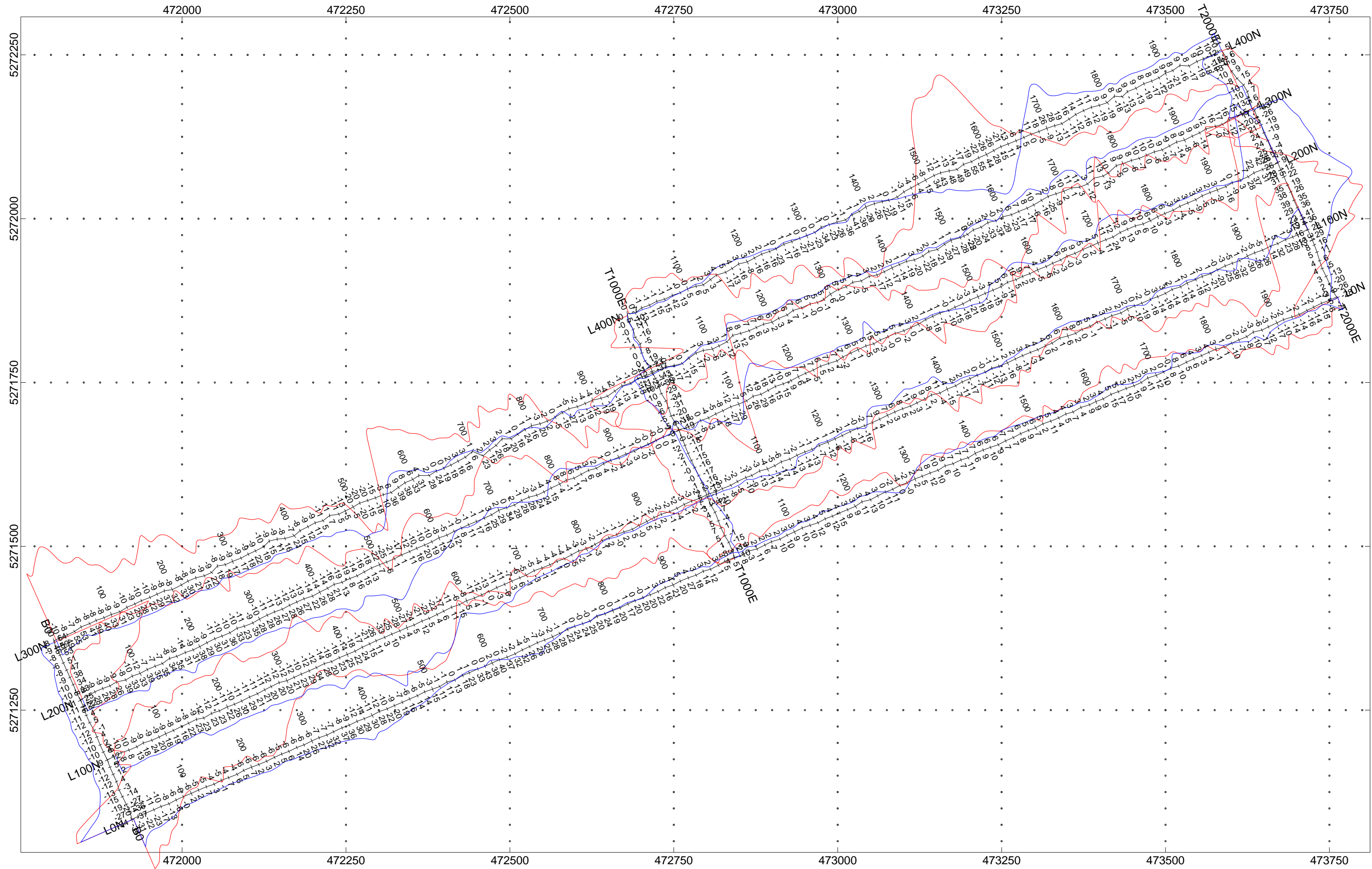
The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations
 Contact Information
 Provincial Mining Recorders' Office
 Walnut Green Mill Centre 933 Ramsey Lake Road
 Sudbury ON P3E 0B5
 Home Page: www.mrdm.gov.on.ca/MNDM/MINES/LANDS/mrmpgpe.htm

Toll Free
 Tel: 1 (888) 415-9845 ext 574
 Fax: 1 (877) 670-1444

Map Datum: NAD 83
 Projection: UTM @ 18 degree
 Topographic Data Source: Land Information Ontario
 Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.



KNIGHTSBRIDGE EXPLORATION LTD.

**NORTH WIND PROPERTY
Connaught Township, Ontario**

VLF IN PHASE/OUT PHASE PROFILE
VLF FRASER FILTERED CONTOURED PLAN MAP
24.0kHz NAA - CUTLER USA

In Phase: Posted Right/Bottom (Red)
Out Phase: Posted Left/Top (Blue)

Vertical Profile Scales: 2.0%/mm
Contour Interval: 0, 5, 10, 15, 20, 25, 50, 100

Station Separation: 12.5 meters
Posting Level: 0

GSM-19 OVERHAUSER VLF v7

Receiver Operated By: Claudia Moraga
and Jason Ploeger
GPS Operated By: Bruce Lavalley
and Bill Bonney
Processed by: Jason Ploeger
Map Drawn By: C Jason Ploeger, P.Geo
March 2015

