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# Assessment Report on 2015 Magnetometer-VLF Survey and Line Cutting

Emerald Lake Development Corp

Dobie Township  
Claim 4271029

Prepared by:

K Wiebe

December 2015

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## Introduction

In the summer of 2015 Emerald Lake Development Corp. contracted Geosig Inc. to conduct a Magnetometer-VLF geophysical survey over the Farm Property which covers claim 4271029. In the fall of 2015 Luc Gagnon of Nestor Falls, ON was contracted to cut lines over the Farm Property.

The purpose of this program was to collect geophysical data to assist in the understanding of the geologic setting and to produce exploration targets. The lines cut over the property will aid in ease of access for future exploration endeavors.

## Location and Access

The claim in this survey is located in Northwestern Ontario, approximately 70km northwest of the city of Fort Francis (Figure 1). The claim is located in the Dobie Township, Northwestern Ontario, and falls within the Ministry of Northern Development and Mines, Kenora Mining Division.

Access to the claim in the Dobie Township is easily attained via two all weather gravel roads; Mather Road and Sturgeon Creek Road. Theses roads are accessed via Highway 71 approximately 35km km northwest of the town of Emo.

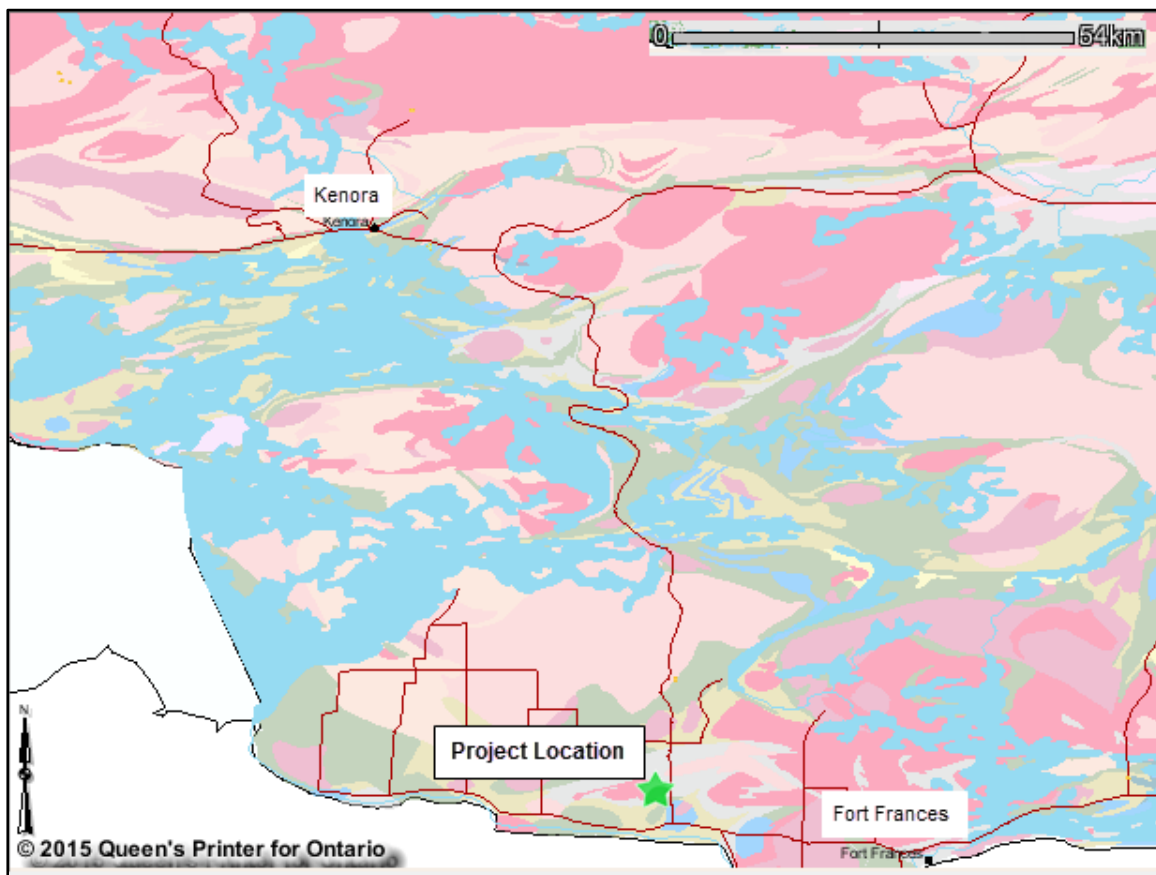


Figure 1 Project Location in Northwestern Ontario

## Claims and Ownership

Emerald Lake Development Corp. is the holder of the claim (4271029) within this report. The claim is outlined in Figure 2.

Emerald Lake Development Corp.  
Box 212  
316 George St  
Sarnia, Ontario  
Canada

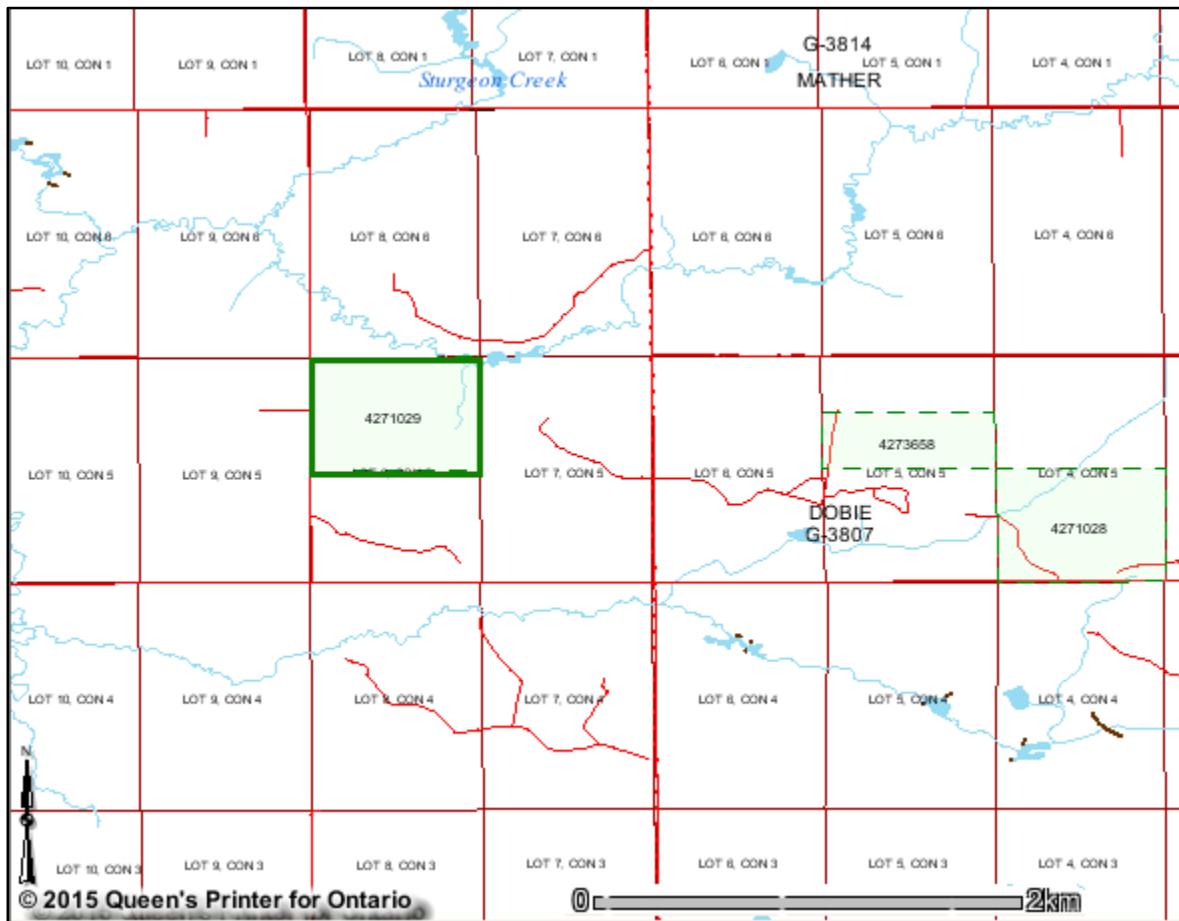


Figure 2 Emerald Field Development Corp claim location

### Previous Work

Minimal work has been conducted over the Farm Property. The Farm property was incorporated into a large scale bulk till sampling program conducted by Mingold Resources Inc. in 1990. The object of the reconnaissance till program was to locate bedrock gold occurrences through the study and analysis of the overlying glacial till.

### Regional Geology

Extracted from Tims 2012

The Farm property is located in the western part of the Archean Wabigoon Subprovince. The property lies within the Rainy River Greenstone Belt, an east-west trending metavolcanic-metasedimentary domain, bordered and intruded by granitoid intrusions of up to batholithic dimensions. The Wabigoon Subprovince is composed of several tectonically bounded assemblages consisting of komatiitic to calcalkalic metavolcanics overlain by clastic and minor chemical sediments. Intrusion of the granitoid domes has imparted a synformal structural character to the supracrustal rocks, and the central axial zones of many of these synformal belts may be characterized by long sinuous shear/fault zones. The larger, crustal-scale Quetico Fault (in part) forms the southern boundary of the Wabigoon Subprovince and cross cuts both supracrustal and plutonic assemblages of the western Wabigoon region.

The greenstone belt consists of several cycles of ultramafic to felsic volcanics and intrusives. The belt includes lesser clastic and chemical sedimentary units. Outcrop in the area is poor and much of the geology has been interpreted from airborne magnetics, core and reverse circulation drilling.

### Work Program Summary

Please refer to Appendix I for a detailed work program summary of the ground Magnetometer-VLF Survey conducted by Geosig Inc.

Line cutting on the Farm Property was conducted over the identical grid to the Magnetometer-VLF Survey. Luke Gagnon of Nestor Falls, Ontario cut 20 lines at 1,300ft in length each for a total of 26,000ft cut.

### Conclusions and Recommendations

The Magnetometer-VLF Survey conducted over the Farm Property by Geosig Inc. yielded valuable data for interpretation. The data received has aided in broadening the understanding of sub-surficial geology on the claim. By identifying certain geological features using the magnetic survey, the area will be able to be explored surficially and through drilling much more accurately and effectively in future programs.

## References

- Bidwell, G.E., Quetico (Reconnaissance) Project, Bulk Till Sampling Program for Mingold Resources Inc. May, 1990.
- Irvine, T.N., 1955: An Investigation of the Geology of a part of the Emo Area, District of Rainy River, Ontario. A thesis presented to the Faculty of the Department of Geology, University of Manitoba.
- Tims, A., 2012: Assessment Report on the 2011 FUGRO HELITEM Survey, Rainy River Gold Project, Richardson Township.

## Appendix I: Magnetic-VLF Survey

(Please note, information on Allen Property has been redacted from report for the purpose of assessment submission to MNDM (KWiebe December 2015))



# **EMERALD LAKE DEVELOPMENT CORP.**

**VLF and Magnetometric Surveys  
on**

**Allen and Farm Property,  
Dobie Township, Emo Area**

**Kenora Mining District  
Northwestern Ontario  
52C/12**

## **REPORT**

**Project 336.01**

**September 12th, 2015**



**Pierre Simoneau, M. SC., Geol.**  
APGO#1178

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- List of maps
- Certificate of Qualifications
- Appendix A Claim Map and Claim Abstracts
- Appendix B Equipment Specifications
- Appendix C Description of VLF anomalies
- Maps
- DVD

## 1. INTRODUCTION

At the request of Mr. Laird Tomalty, Logistics Coordinator & Field manager for ***Emerald Lake Development Corporation.***, VLF (EM) and Magnetic surveys were run from August 20th to August 25th, 2015 on the Allen and Farm properties. The geophysical surveys were carried out by *Géosig Inc.* The VLF and Mag surveys covered 25.6 km of lines including 1.6 km of Tie Lines.

## 2. PROPERTY LOCALIZATION AND ACCESS

The Allen and Farm Lake Properties are located at about 347 km west of Thunder Bay or 40km west of Fort Frances, Northwestern Ontario along the Highway 11. A dirt road is crossing the Allen property North-South along the Eastern side of the claims starting from Highway 11 at the western limit of the Native Land in front of Carr's Repairs.

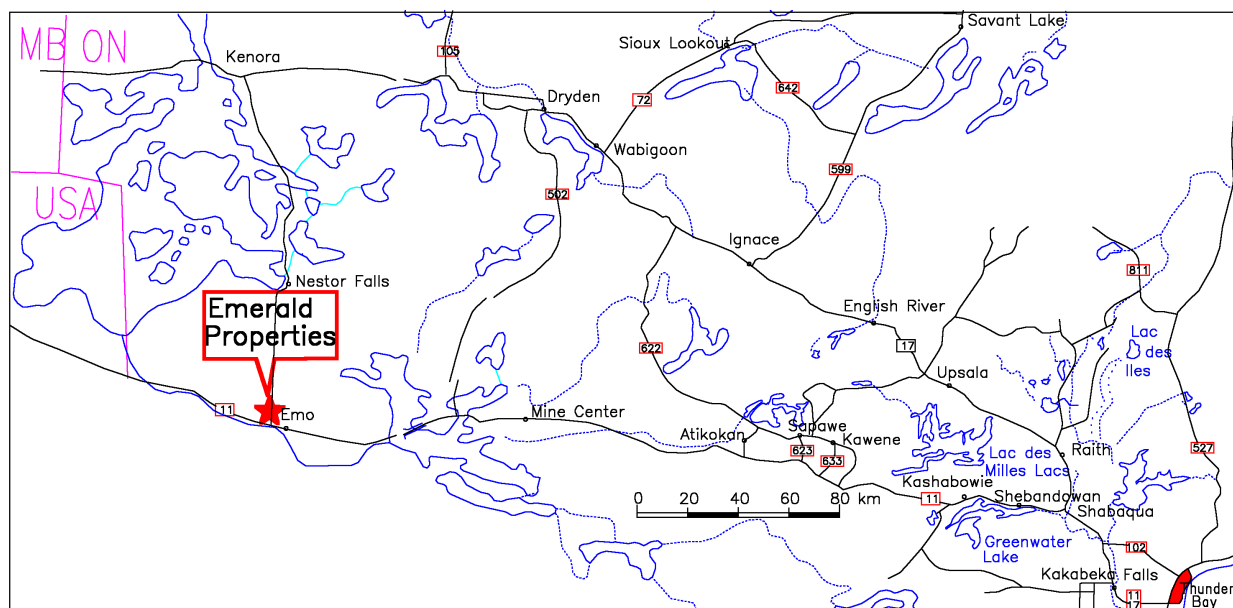


Figure 1. Property localization

The Farm property is on Angus Road, reachable by Highway 71 and Sturgeon Creek Road, 7.5 km north of Allen Property.

The topography is relatively flat. On the Farm property, 70% of the grid is on open field, 30% in forest. The only outcrops are west of the grid, near the farm (photo 1).

On the Allen property, the grid is 50%-50% open ground and forest (photo 2). The field is almost flat, the highest areas are over the pits with outcrops only a couple of meters high or barely coming out of the ground (photo 3).



**Photo 1: Farm Property**



#### **4. PREVIOUS WORK**

The exploration history compiled below has been sourced from a search of the Ministry of Northern Development and Mines ERMES website.

Although exploration activity in the area by individual prospectors dates back to the 1930s, the documented exploration in the Ministry of Northern and Development and Mines assessment files housed in Kenora Resident Geologist Office begins in 1967. It has been reported by local landowners that exploration has been undertaken on private lands, for which there is no record of filed assessment work. tcrop with mineralization oriented toward the Main Pit). No geophysical work was reported. The work was done following only visible evidence on surface.







### **Farm Property**

No previous work was reported over the claims.

2015 - Emerald Lake Development Corporation conducted a geochemical survey over their 2 properties on the same area covered by the present Mag-VLF survey. Lines every 400 feet, samples every 100 feet.

## **5. REGIONAL AND LOCAL GEOLOGY**

The bedrock geology of the Rainy River Greenstone Belt is poorly understood because of limited outcrop exposure due to extensive glacial till blanketing much of the geology with outcrop amounting to less than 1%, consequently much of the bedrock is inferred from

widely spaced outcrops, aeromagnetics and drill core data. Reconnaissance surface mapping undertaken by the OGS in 1987 remains the principle source of geological information in the area, with the published geological map being principally interpretative and extremely general in nature.

The property lies within the Rainy River Greenstone Belt. This belt is one component of the western part of the Archean Wabigoon Subprovince of the Canadian Shield, a 900 km long, east-west trending metavolcanic-metasedimentary domain. The belt is bounded by the Sabaskong Batholith in the north and the Rainy Lake Batholithic Complex in the east. It extends south into Minnesota where the Long Point Intrusive Rocks, the Baudette Intrusive Rocks (both granitoid), and the Rainy Lake – Seine River Fault, the Vermillion Fault and the Four Towns Fault constrain the belt, and others farther to the west. A thin septum of supracrustal rocks separates the batholiths and connects the Rainy River belt with the Kakagi-Rowan Lakes Greenstone Belt to the north. To the west the greenstone terrain is overlain by unmetamorphosed Paleozoic to Mesozoic sedimentary rocks of the Western Sedimentary Basin.

The Wabigoon Subprovince is composed of several tectonically bounded assemblages consisting of komatiitic to calcalkalic metavolcanics overlain by clastic and minor chemical sediments. Intrusion of the granitoid domes has imparted a synformal structural character to the supracrustal rocks, and the central axial zones of many of these synformal belts may be characterised by long sinuous shear/fault zones. The larger, crustal-scale Quetico Fault (in part) forms the southern boundary of the Wabigoon Subprovince and crosscuts both supracrustal and plutonic assemblages of the western Wabigoon region.

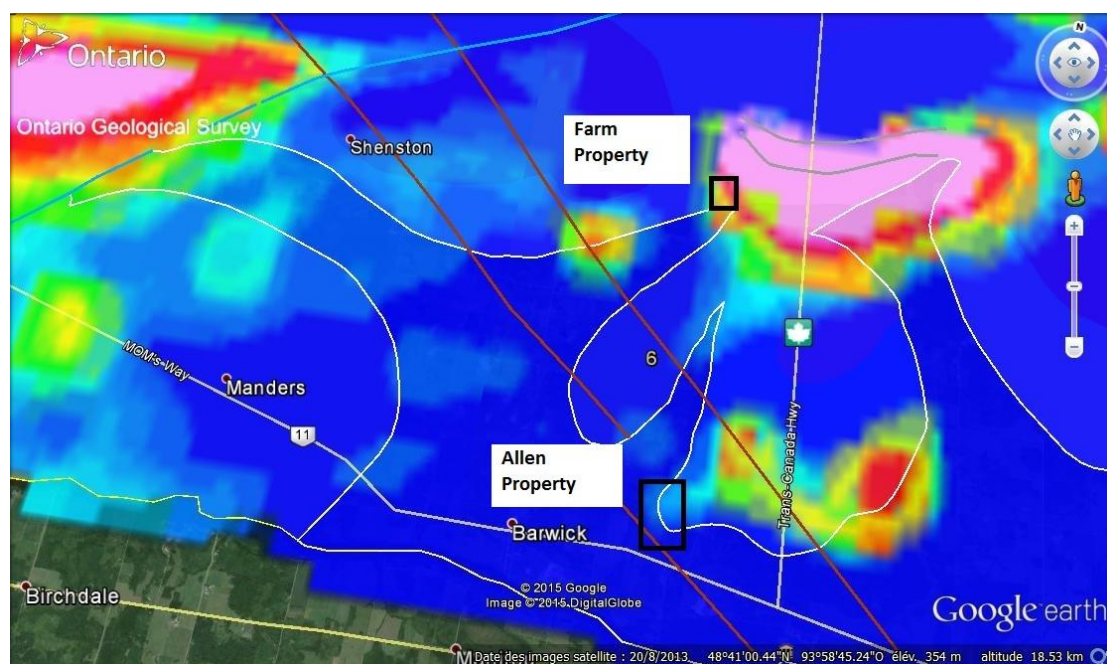
The regional-scale, east-west trending Quetico Fault is interpreted to trend south-westward through the Rainy River Greenstone Belt following a concordant magnetic low. However, the fault is regionally discordant and could equally well be extended due west through the Richardson area where considerable magnetic disruption is evident.

Although the bedrock geology of the project area is poorly understood, the Quaternary geology has been interpreted by the 1986-88 OGS surficial mapping and rotasonic drilling programs (Bajc, 1991) and from similar programs in adjoining areas of Minnesota and Manitoba. In Late Wisconsinian time when most and perhaps all of the Quaternary sediments were deposited the area lay on the suture zone between Labradorian and Keewatin ice domes.

This juxtaposition resulted in deposition of a basal till layer of northeastern provenance dominated by the glaciolacustrine environment of Lake Agassiz. The Lake Agassiz sediments are dominated by thick intervals of rhythmically laminated clays and silts as well as less abundant sand intervals, which is in direct contact with bedrock and useful for sampling, overlain by at least one horizon of till of western provenance.

One steeply dipping, layered gabbro-anorthosite intrusion in felsic volcanic sequence is exposed in the area including the Allen Property: the Dobie Intrusion. The western side of the intrusion is exposed on the Allen Property. This intrusion contains both sulphide and oxide mineralization. Chalcopyrite-pyrrhotite lenses containing minor pentlandite, magnetite and talc are distributed along the base and the western margin of the Dobie

intrusion. A massive zone was discovered by Falconbridge (main pit) and is highly magnetic. Since Falconbridge didn't do any geophysical surveys, they could not see the other magnetic areas. On figure 3, on an airborne mag map from the MNDM, the Allen Property is at the SW base of the Dobie Intrusion. The Farm Property is on volcanosedimentary area at the western edge of large Iron Formations.



**Figure 3. Airborne Mag with geology outline and location of the 2 properties**

## 6. PERSONNEL AND INSTRUMENTATION

The VLF and magnetometric survey was done by Pierre Simoneau, P Geo.

The following instruments were used for the surveys (Photo 10):

Electromagnetic VLF and Magnetometric survey:

- |                         |                                      |            |
|-------------------------|--------------------------------------|------------|
| - GSM-19WV field work,  | GEM System Inc., Richmond Hill, Ont. | n/s 66565  |
| - GSM-19W base station, | GEM System Inc., Richmond Hill, Ont. | n/s 612621 |
| - GSM-19W mag sensor,   | GEM System Inc., Richmond Hill, Ont. | n/s 52497  |
| - GSM-19W mag sensor,   | GEM System Inc., Richmond Hill, Ont. | n/s 42294  |
| - GSM-19V VLF sensor,   | GEM System Inc., Richmond Hill, Ont. |            |

The report was written by Pierre Simoneau.

The maps were finalized by Pierre Simoneau and Donald Saindon, geomatician.

## 7. FIELD WORK AND PROCEDURE

The geophysicist moved to the property on August 20th.

The Allen survey grid was done in feet, (3900 ft - 1.2 km long) and is oriented North-South including the base line. No lines were cut. The 39 EW lines (every 100 feet) of 1350 to 1400ft were followed with a GPS. The Mag-VLF survey covered all the lines and the tieline 1300E (between 0+00N and 39+00N) as a control line.

On the Farm grid, 20 EW lines were followed with a GPS. Lines were every 100ft (30.3m) and 1320 ft long (400m).



**Photo 10: Magnetic and VLF Instruments used on the field.**

## **8. MAGNETOMETRIC SURVEY**

### **8.1 Methodology**

The measurements for the magnetic total field were taken in a mobile mag mode with two (4) seconds sampling readings and regular label readings taken each 25 feet (7.6 meters).

A GSM-19WMV was used on the field with a GSM-19W base station with a 15 seconds registering readings period. The magnetic readings have been automatically corrected for diurnal variations when the data was dumped with a subtracting base value of 56 400 gammas. The magnetometer system measures the value of the total magnetic field with a precision of  $\pm 0.1$  gammas.

A description of the instruments is given in Appendix B.

## **8.2 Presentation of the results**

The data were processed with the appropriate software, including Geosoft and MicroStation.

The data are plotted as Mag total field profiles and postings (maps no. 9781-9785) and colored contours (map no. 9782-9786) at a scale of 1: 2 500.

The identification of magnetic bodies is based on the general picture obtained from the profiles and isocontours.

### Farm Property

The whole magnetic feature shows a slow up toward the NE corner of the grid toward the area of Iron Formations that are further NE on the Native Land (Figure 5). No VLF or magnetic special features occur other than the Power Line.

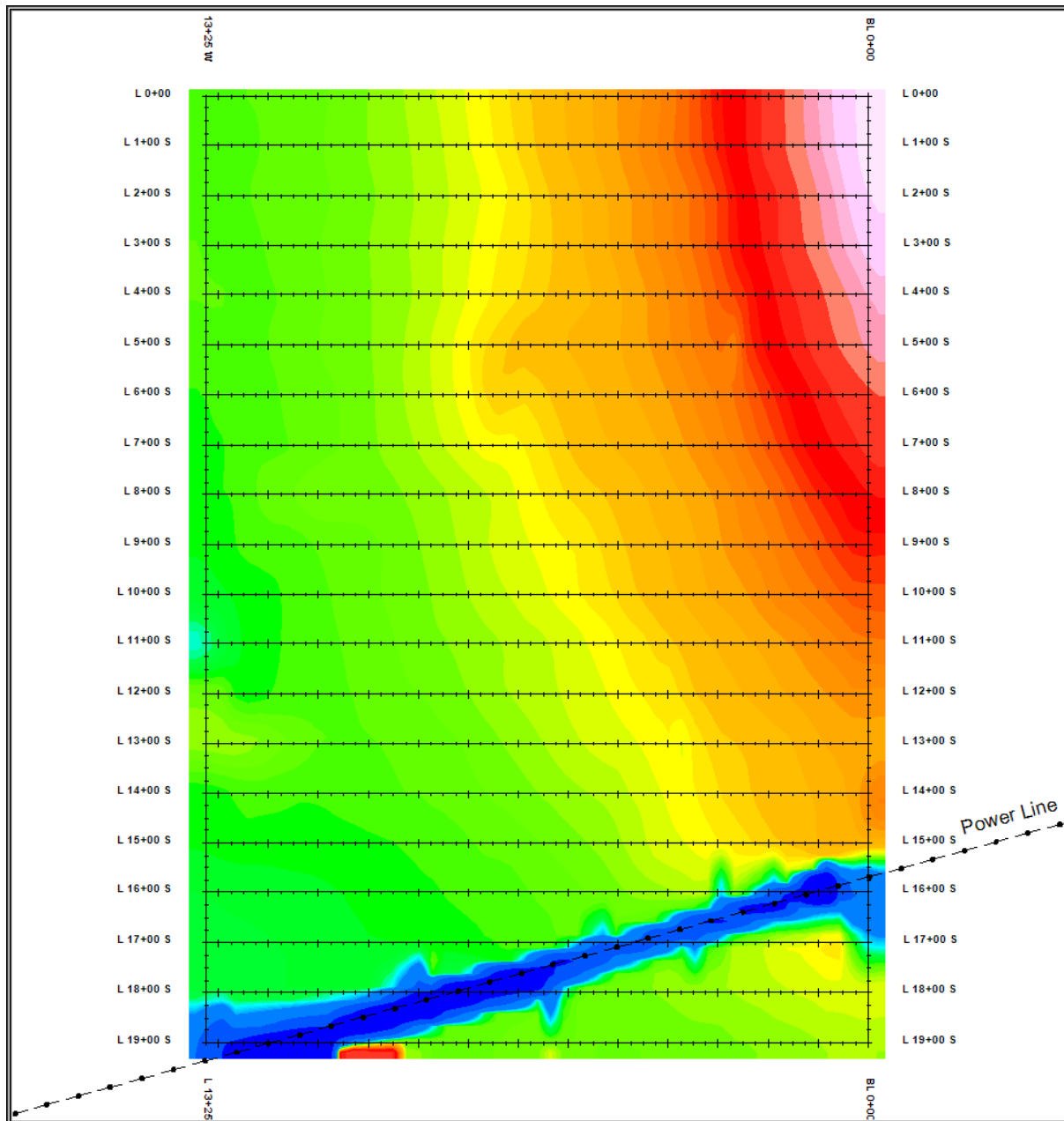


Figure 5. Farm MAG

## **9. ELECTROMAGNETIC VLF SURVEY**

### **9.1 Methodology**

A GSM-19WMV was used on the field. The readings were taken at 25 feet (7.6 meters) spacing. The VLF survey was read with two main stations - Cutler (NAA, 24.0 kHz) and Jim Creek-Seattle (NLK, 24.8 kHz).

### **9.2 Presentation of the results**

For Cutler Station, the results are presented on profiles maps No. 9784-9788 at the metric scale of 1: 2 500. For Jim Creek Station, the results are presented on profiles maps No. 9783-9787 at the metric scale of 1: 2 500.

The VLF interpretation was drawn on the maps. The VLF axis with full circles (Cutler) and triangles (Seattle) are conductors.

## Farm Property

No VLF anomalies other than the Power Line.

A VLF anomaly is not usually a drilling target without other indicators.

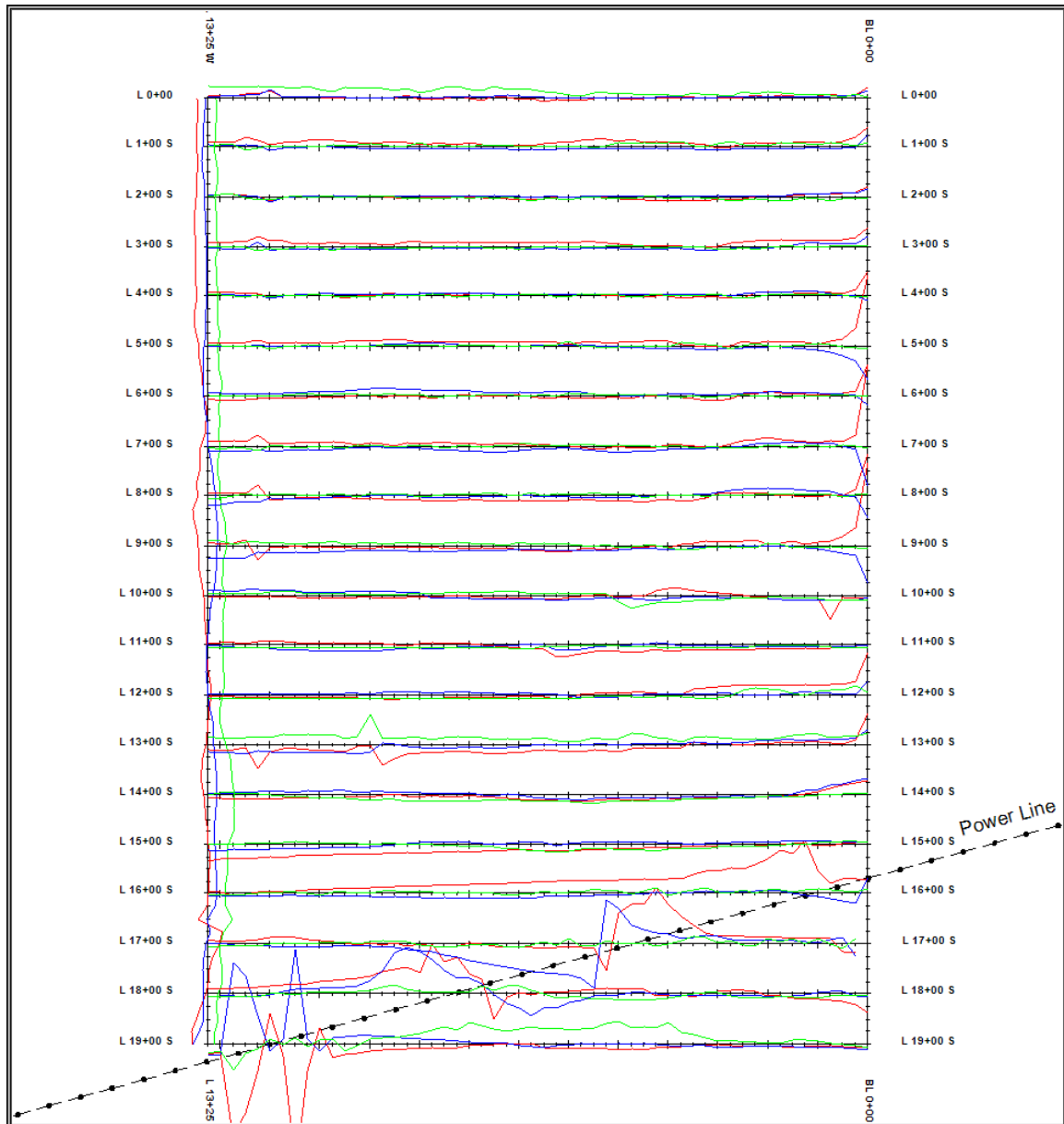


Figure 7. Farm VLF



## **10. RECOMMENDATIONS AND CONCLUSION**

### **Farm Property**

No VLF or magnetic anomalies other than the Power Line. The magnetic high toward the NE corner of the grid is an indication of the presence of the big Iron Formations on the Native land area.

## **LIST OF MAPS**

**Scale: 1: 2 500**

<b>Map #</b>	<b>Title</b>	<b>Grid</b>
9781	Magnetometric survey Profiles and Posting, Total Field	Allen
9782	Magnetometric survey Total Field Contours, Total Field	Allen
9783	EM-VLF survey Profiles and Posting, Jim Creek 24.8 kHz	Allen
9784	EM-VLF survey Profiles and Posting, Cutler 24.0 kHz	Allen
9785	Magnetometric survey Profiles and Posting, Total Field	Farm
9786	Magnetometric survey Total Field Contours, Total Field	Farm
9787	EM-VLF survey Profiles and Posting, Jim Creek 24.8 kHz	Farm
9788	EM-VLF survey Profiles and Posting, Cutler 24.0 kHz	Farm

## **CERTIFICATE of QUALIFICATIONS**

I, Pierre Simoneau of 571 Ste-Béatrix Rd, Ste-Béatrix, Québec, hereby certify:

1. I am a graduate of University of Quebec at Chicoutimi (1987) with a Master degree in Earth Sciences M.Sc.
2. I have been employed as an exploration geologist and geophysicist on a full time basis since 1987, prior to that as a geological assistant for four field seasons.
3. I am presently employed as a project geophysicist and geologist with GÉOSIG Inc. of 860 Chaudiere Blvd., Quebec, Quebec.
4. I own no direct, indirect or expect to receive any contingent interests in the subject property or shares or securities from Emerald Lake Development Corp.
5. The information contained in this report was obtained from geophysical survey conducted on the two properties and informations obtained from Ontario Geology and from personal observations.
6. I am a member of the Order of Geologists of Québec (OGQ) # 178 and member of the Association of Professional Geoscientists of Ontario (APGO) # 1178, and a member of the CIM.
7. I have disclosed in this report all relevant material which, to the best of my knowledge, might have a bearing on the viability of the project and the recommendations presented.
8. I consent to the use of this report by Emerald Lake Development Corp for any Filing Statement, Statement of Material Facts, Prospectus, filing of assessment work of for any other reason deemed necessary by the company,



Pierre Simoneau, P. Geo. M.Sc.

Geosig Inc.

Dated at Quebec, Quebec, this 14th day of September, 2015

# **Appendix A**

Claim Map and Claim Abstracts

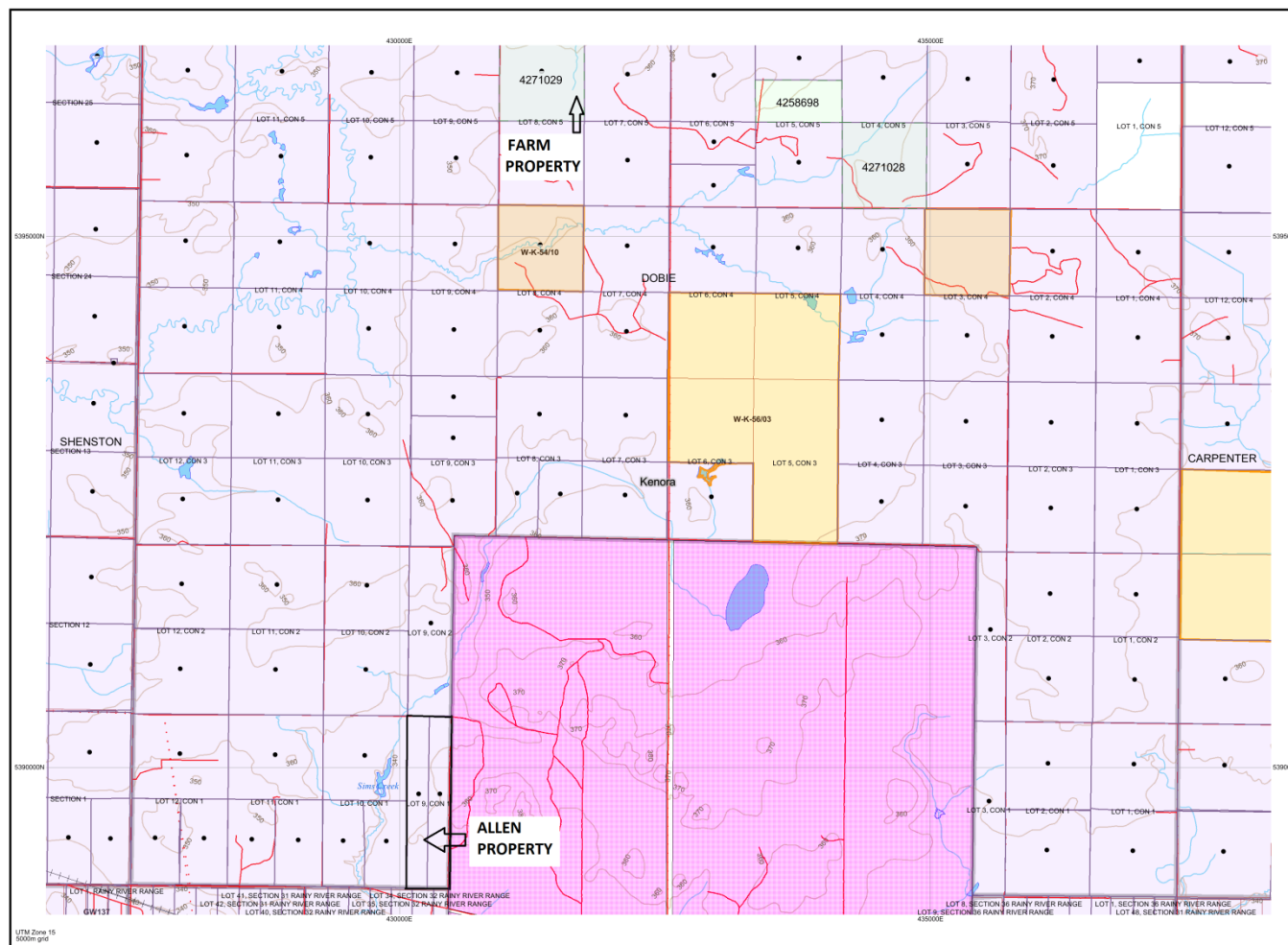
Date / Time of Issue: Sat Sep 12 18:03:01 EDT 2015

TOWNSHIP / AREA  
DOBIEPLAN  
G-3807

ADMINISTRATIVE DISTRICTS / DIVISIONS

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

Kenora  
RAINY RIVER  
FORT FRANCES

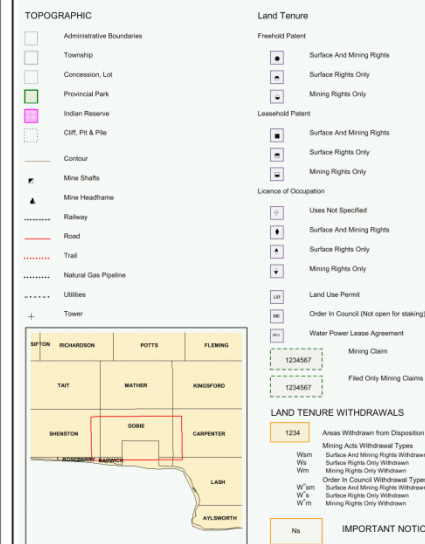


The information shown is derived from digital data available in the Provincial Mining Records' Office at the time of downloading from the Ministry of Northern Development and Mines with the following disclaimer:

General Information and Limitations  
 Contact Information: Provincial Mining Recorders' Office  
 Willet Green Miller Centre 933 Ramsey Lake Road  
 Sudbury ON P3E 6B5  
 Home Page: [www.mndm.gov.on.ca/MNDM/MINES/LANDS/misrmnpoe.htm](http://www.mndm.gov.on.ca/MNDM/MINES/LANDS/misrmnpoe.htm)  
 Toll Free: Tel: 1 (888) 411-1111  
 Fax: 1 (877) 611-1111

Toll Free                      Map Datum: NAD 83  
Tel: 1 (888) 415-6845 ext 574 Projection: UTM (6 degree)  
Fax: 1 (877) 670-1444       Topographic Data Source: Land Information Ontario  
Mining Land Tenure Source: Provincial Mining Recordors' 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.



LAND TENURE WITHDRAWAL DESCRIPTIONS (list may not be complete)

Identifier	Type	Date	Description (this may not be complete)
W-K-5470	Wm	May 10, 2013	<a href="#">http://www.mci.mdm.gov.on.ca/milnet/dl/wtresp/orders2010/wk54-10.pdf</a>-W-K-5470 M&M withdrawal S:35 Mining Act RSO 1999, May 10, 2013 Oct link to withdrawal order-cip
W-K-5503	Wm	Oct 8, 2003	<a href="#">http://www.mci.mdm.gov.on.ca/milnet/dl/wtresp/orders2003/wk55-02_e.html</a>-W-K-5503 SAM withdrawal S:35 Mining Act RSO 1999, October 8, 2003 Link to withdrawal order-cip
W-K-5603	Wm	Oct 8, 2003	<a href="#">http://www.mci.mdm.gov.on.ca/milnet/dl/wtresp/orders2003/wk56-02_e.html</a>-W-K-5603 SAM withdrawal S:35 Mining Act RSO 1999, October 8, 2003 Link to withdrawal order-cip

## Mining Claim Abstract

KENORA - Division 10		Claim No: K 4271029		Status: ACTIVE	
<b>Due Date:</b>	2015-Dec-30	<b>Recorded:</b>	2013-Dec-30		
<b>Work Required:</b>	\$ 1,600	<b>Staked:</b>	2013-Dec-27 14:10		
<b>Total Work:</b>	\$ 0	<b>Township/Area:</b>	DOBIE (G 3807)		
<b>Total Reserve:</b>	<a href="#">\$ 0</a>	<b>Lot Description:</b>	N1/2 Lot 8, Con 5		
<b>Present Work Assignment:</b>	\$ 0	<b>Claim Units:</b>	4		
<b>Claim Bank:</b>	\$ 0				

### Claim Holders

Recorded Holder(s) Percentage	Client Number
EMERALD LAKE DEVELOPMENT CORPORATION ( 100.00 %)	411621

### Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2013-Dec-30		RECORDED BY GAGNON, LUC PIERRE (M24198)		R1310.02007
STAKER	2013-Dec-30		GAGNON, LUC PIERRE (134444) RECORDS 100.0 % IN THE NAME OF EMERALD LAKE DEVELOPMENT CORPORATION (411621)		R1310.02008
OTHER	2013-Dec-31		CONFIRMATION OF STAKING REQUIRED TO 2 SURFACE RIGHTS OWNER(S) BY 2014-Feb-28		E1310.00332
OTHER	2014-Jan-10		PROOF OF CONFIRMATION OF STAKING RECEIVED FOR 2 SURFACE RIGHTS OWNER(S)		E1410.00014
OTHER	2014-Nov-10		EXPLORATION PLAN NO. PL14-10358 EFFECTIVE FROM 2014-OCT-02 TO 2016-OCT-02 FOR THE FOLLOWING ACTIVITIES: (LINE CUTTING / LC, DRILLING / PDRILL, GEOPHYSICAL / SURVEYS)		J1410.00543
OTHER	2015-Jan-27		EXPLORATION PERMIT NO. PR14-10590 EFFECTIVE FROM 2014-NOV-14 TO 2017-NOV-13 FOR THE FOLLOWING ACTIVITIES: (LINE CUTTING / LC, PHYSICAL / PTRNCH, PHYSICAL / PSTRIIP, DRILLING / PDRILL)		J1510.00004

### Claim Reservations

- 01 400' surface rights reservation around all lakes and rivers
- 02 Sand and gravel reserved
- 03 Peat reserved
- 04 Other reservations under the Mining Act may apply
- 05 Including land under water
- 06 Excluding road
- 07 Mining rights only
- 18 Excluding buildings

# **Appendix B**

## **Equipment Specifications**

# GSM-19WGV MAGNETOMETER – GRADIOMETER – VLF



BY GEM SYSTEM, TORONTO

## INSTRUMENT SPECIFICATIONS

Resolution:	0.01nT (gamma), magnetic field and gradient.
Accuracy:	0.2nT over operating range.
Range:	20,000 to 120,000nT.
Gradient Tolerance:	Over 10, 000nT/m
Operating Interval:	3 seconds minimum, faster optional. Readings initiated from keyboard, external trigger, or carriage return via RS-232C.
Input / Output:	6 pin weatherproof connector, RS-232C, and (optional) analog output.
Power Requirements:	12V, 200mA peak (during polarization), 30mA standby. 300mA peak in gradiometer mode.
Power Source:	Internal 12V, 2.6Ah sealed lead-acid battery standard, others optional. An External 12V power source can also be used.
Battery Charger:	<b>Input:</b> 110 VAC, 60Hz. Optional 110 / 220 VAC, 50 / 60Hz. <b>Output:</b> dual level charging.
Operating Ranges:	Temperature: - 40°C to +60°C. Battery Voltage: <b>10.0V minimum to 15V maximum.</b> Humidity: <b>up to 90% relative, non condensing.</b>
Storage Temperature:	-50°C to +65°C.
Display:	LCD: 240 X 64 pixels, OR 8 X 30 characters. Built in heater for operation below -20°C.
Dimensions:	<b>Console:</b> 223 x 69 x 240mm. <b>Sensor Staff:</b> 4 x 450mm sections. <b>Sensor:</b> 170 x 71mm dia. <b>Weight:</b> console 2.1kg, Staff 0.9kg, Sensors 1.1kg each.
VLF	
Frequency Range:	15 - 30.0 kHz plus 57.9 kHz (Alaskan station)
Parameters Measured:	Vertical in-phase and out-of-phase components as percentage of total field. 2 relative components of horizontal field. Absolute amplitude of total field.
Resolution:	0.1%.
Number of Stations:	Up to 3 at a time.
Storage:	Automatic with: time, coordinates, magnetic field / gradient, slope, EM field, frequency, in- and out-of-phase vertical, and both horizontal components for each selected station.
Terrain Slope Range:	0° - 90° (entered manually).
Sensor Dimensions:	140 x 150 x 90 mm. (5.5 x 6 x 3 inches).
Sensor Weight:	1.0 kg (2.2 lb).



# **Appendix C**

Description of VLF anomalies

# **DESCRIPTION OF VLF ANOMALIES**

Project : ALLEN

## Appendix II: Project Invoices

M. Laird Tomalty Logistics Coordinator & Field Manager

**Emerald Lake Development Corp.**

1255, 71 Hwy

Nestor Falls, On. P0X 1K0

Phone : 807-484-2128

Cell : 204-782-8150

Fax : 807-484-2128

Courriel : ltomalty@sympatico.ca

Invoice n° : 4254

Date : August 25, 2015

Project : Project : #336.01

G. S. T. : 141581801RT

Q. S. T. : 1019556570TQ0001

**Magnetometer-VLF Survey**

**Rainy River district, west of Fort Frances, Ontario**

**Second Invoice, 60%, at the end of field work, prior to report delivery**

**Mobilization-demobilization :**

1 person, Québec, Qc. – Emo, On. \$ 2 500.00

**Mag-VLF survey and GPS lines: (\$300/km)**

24km x \$300/km \$ 7 200.00

**Stand by (very bad weather \$350/day)**

**Report and maps :** \$ 2 500.00

**Total of project :** \$ 12 200.00

**60% at the end of field work** \$ 7 320.00

**H.S.T. (13%) :** \$ 951.60

**Total amount due now :** \$ 8 271.60

Bank Information : **CIBC** 2880 chemin des Quatre-Bourgeois, Québec, Qc. G1V 4X7  
**Transit 00135-010 Folio 39-03311**

**CONSULTING EXPERTS IN GEOPHYSICS**

M. Laird Tomalty Logistics Coordinator &amp; Field Manager

**Emerald Lake Development Corp.**

1255, 71 Hwy

Nestor Falls, On. P0X 1K0

Phone &amp; fax : 807-484-2128

Cell : 204-782-8150

Email : ltomalty@sympatico.ca

Invoice n° : 4258

Date : September 15, 2015

Project : Project : #336.01

G. S. T. : 141581801RT

Q. S. T. : 1019556570TQ0001

**Magnetometer-VLF Survey**  
**Rainy River district, west of Fort Frances, Ontario**  
**Last Invoice, upon the delivery of the report**

**Mobilization-demobilization :**

1 person, Québec, Qc. – Emo, On. \$ 2 500.00

**Mag-VLF survey and GPS lines: (\$300/km)**

24km x \$300/km \$ 7 200.00

**Stand by (very bad weather \$350/day)****Report and maps :** \$ 2 500.00**Total of project :** \$ 12 200.00

Less invoice #4250 (\$ 3 570.00)

Less invoice #4254 (\$ 7 320.00)

**Total of this invoice** \$ 1 310.00

H.S.T. (13%) : \$ 170.30

**Total amount due now :** \$ 1 480.30

Bank Information : **CIBC** 2880 chemin des Quatre-Bourgeois, Québec, Qc. G1V 4X7  
**Transit 00135-010** **Folio 39-03311**

Nov 24 2015

Invoice to Emerald Lake Development corporation

From Luc Hagnon

Box 274 Hwy 71

Nestor Falls Ontario Pox 1X0

807-484-0404

Acacia Bank. Red Lake Branch Ontario

RE: LINECUTTINGS TOB - FARM 9 RD  
KENORA DISTRICT

3 KLM at 500.00/KLM = BUSH LINE = \$1,500.00

3 KLM - 700M at 375.00/KLM = FIELD LINE = 1,385.00

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TOTAL = 2,885.00

CREDIT

200.00

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Total Due \$2,685.00



Fire cut time 4th - Farm Grid Start Nov 18/2011

L 300 S - L 600 S - L 900 S - WERE DONE AND PAY FOR

L 1700 S + L 1800 S - L 1900 S - START IT - GOT PAY 200.00  
BALANCE TO BE PAY

LINES	BUSH	FIELD
L 0 S		0 to 300 W - 10 to 1300 W 600 FEET S
L 100 S		1300 FEET S = DONE
L 200 S		1300 FEET S = DONE
L 300 S	→ WAS DONE ←	
L 400 S		1300 FEET S = DONE
L 500 S		1300 FEET S = DONE
L 600 S	→ WAS DONE ←	
L 700 S		1300 FEET S = DONE
L 800 S		1300 FEET S = DONE
L 900 S	→ WAS DONE ←	
L 1000 S		1300 FEET S = DONE
L 1100 S	800 FEET S = DONE	500 FEET S = DONE
L 1200 S	900 FEET S = DONE	400 FEET S = DONE
L 1300 S	800 FEET S DONE	500 FEET S = DONE
L 1400 S	900 FEET S DONE	400 FEET S = DONE
L 1500 S	1000 FEET S DONE	300 FEET S = DONE
L 1600 S	1100 FEET S DONE	200 FEET S = DONE
L 1700 S	1300 FEET S	
L 1800 S	1300 FEET S - TO CUT	
L 1900 S	1300 FEET S	
9,400 FEET S = 2.865		TOTAL 12,000 FEET S
= 3.4 KM		+ L0 = 3.4 KM 660 M