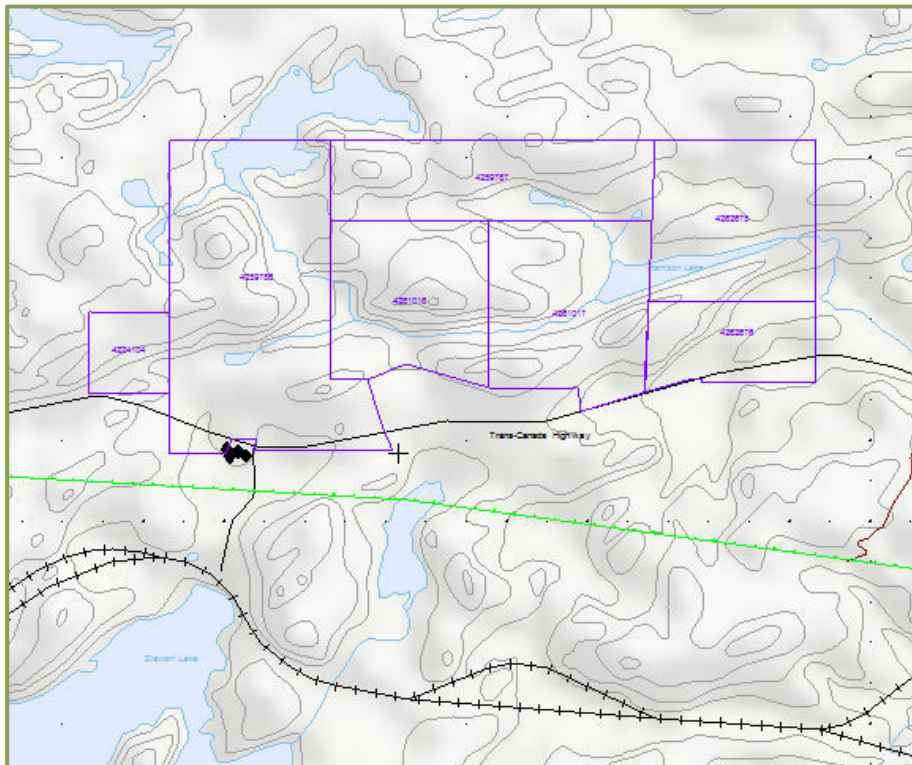


**Interpretation of the Results from a 2004 VTEM  
Survey  
over the  
Bridges Property  
Bridges Township (G-0812), Kenora Mining Division  
10, Ontario. NTS 52F13  
for  
GeoFortune Resources Corp.**



**Ian Johnson  
December, 2013**

**Interpretation of Results from a 2004 VTEM Survey,  
Bridges Property,  
Bridges Township (G-0812), Kenora Mining Division  
10, NTS 52F13  
Kenora – Dryden Area, Ontario**

**For : GeoFortune Resources Corp.**

145 Riviera Drive, Unit 7  
Markham, ON L3R 5J6  
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Fax : 905.968.1179  
www.kainc.ca

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**By : Ian Johnson**

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Aylmer, ON N5H 2R2  
Tel: 519.773.2932  
ianjohnson@amtelecom.net

Ref. 13-210  
December, 2013

**Summary**

GeoFortune Resources Bridges Property includes 4 silver/zinc prospects or occurrences and 26 historic diamond drill holes. The area was flown with VTEM by Emerald Fields Resource in 2004. GeoFortune Resources acquired the VTEM survey results from Emerald Fields Resource in 2013. The results were re-processed by Geotech. Re-processing included a new base map, dB/dt time constant calculation and EM anomaly picking.

The re-processed VTEM survey results have been plotted with historic drill holes. Two of the VTEM conductors on GeoFortune Resources property appear to be new. These are in GeoFortune Resources claims 4262675 and 4262676. Follow up of these 2 conductors with geochemistry and/or a small VTEM survey is suggested.

Cover page : GeoFortune Resources Bridges Property – Bridges Township, Ontario

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- Figure 6 : Historic Diamond Drill Holes and VTEM EM anomaly centers over VTEM TMI colour grid
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- Table 2 : Corrected Historic Diamond Drill Holes

## Attachments

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## Maps

- VTEM Total Field Magnetism, 1:20,000. Re-Processed by Geotech, 2013
- VTEM EM dB/dt Offset Profiles, 1:20,000. Re-Processed by Geotech, 2013
- VTEM dB/dt Time Constant, 1:20,000. Calculated by Geotech, 2013
- Compilation at 1:20,000 showing topography, land tenure, GeoFortune Resources Bridges Property outline, historic drill holes, VTEM EM anomaly centers and VTEM Total Magnetic Intensity colour grid / line contours

## Interpretation of Results from a 2004 VTEM Survey Bridges Property – Bridges Township (G0812) GeoFortune Resources

In January and December, 2011, Keystone Associates (now GeoFortune Resources) staked a block of 7 claims in Bridges Township (G-0812), immediately north of the Trans-Canada Highway and 60 km west of Dryden, Ontario (figure 1). The property is in the Kenora Mining Division 10 and NTS map sheet 52F13. The Bridges property was explored for base metals in the 1960s to 1980s and precious metals in the 1990s and early 2000s.

The area was flown by Geotech with VTEM in May, 2004. Total production was 314 km on north/south lines at 100 m. The work was done for Emerald Fields Resource Corp. under Geotech project number 446. The results were presented as total magnetic field contours and EM offset profiles at 1:20,000. The results were filed for assessment in July, 2004 (Mowat, 2004). No interpretation of the VTEM survey results was filed for assessment.



Figure 1. Location Map

In 2013, GeoFortune Resources acquired a copy of the original digital archives of this 2004 VTEM survey from Emerald Fields Resource. The survey results were subsequently re-processed for GeoFortune Resources by Geotech. The re-processing included a new base map with current claim fabric, EM anomaly centers and a map showing the dB/dt time constant.

The re-processed VTEM results have been interpreted in light of historic minerals exploration and drilling on the Bridges property. Two VTEM conductors on the property appear to be new – they were not known in earlier work and were not drill tested. Follow-up of these new EM conductors in GeoFortune Resources claims 4262675 and 4262676 on the property is proposed.

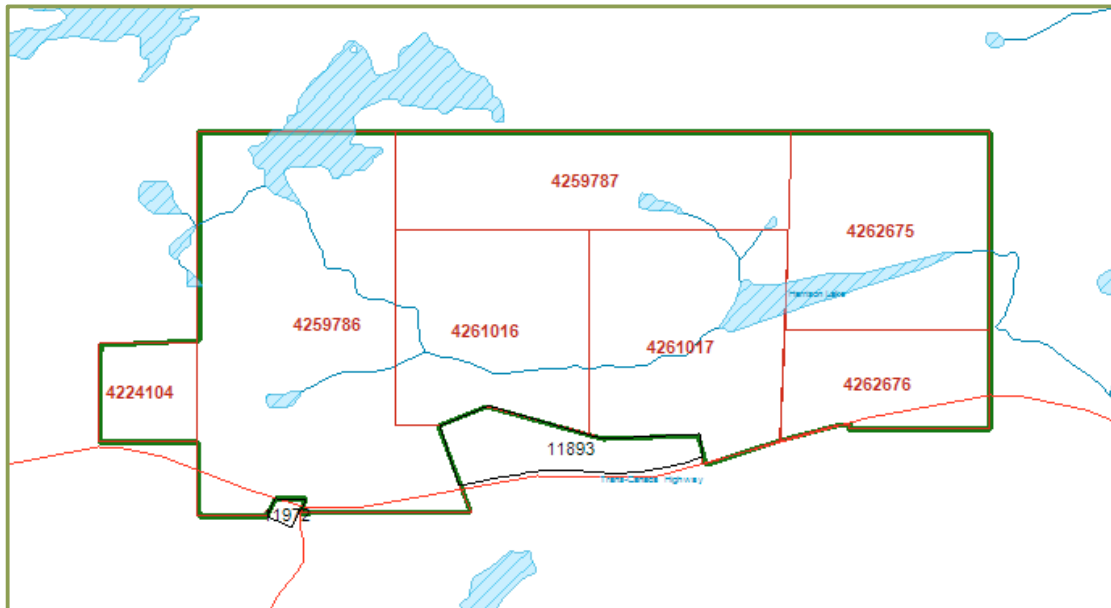
### 1. Bridges Property

The Bridges property consists of 7 unpatented mining claims (figure 2 and table 1) – total 33 units or 5.3 km<sup>2</sup>. The recorded claim holder of all 7 claims is GeoFortune Resources Corp (100%). The property is immediately north of and readily accessible from the Trans Canada Highway, about 60 km west of Dryden.



Township	Claim #	Due	Units	Required	Reserve
BRIDGES	4224104	2013-Dec-12	1	\$400	\$0
BRIDGES	4259786	2014-Jan-20	9	\$3,600	\$8,483
BRIDGES	4259787	2014-Jan-20	4	\$1,600	\$3,770
BRIDGES	4261016	2014-Jan-20	4	\$1,600	\$3,770
BRIDGES	4261017	2014-Jan-20	5	\$2,000	\$4,712
BRIDGES	4262675	2013-Dec-12	4	\$1,600	\$0
BRIDGES	4262676	2013-Dec-12	2	\$800	\$0

**Table 1. Unpatented Mining Claims that make up GeoFortune Resources Bridges Property**



**Figure 2. GeoFortune Resources Bridges Property**

## 2. Exploration History

Within GeoFortune's Bridges property, historical records show a total of 26 diamond drill holes from 1969 to 1990. Major players have been Noranda, Rio Algom, Mill City Gold, TriOrigin and Emerald Fields Resource. From the Ontario Mineral Deposit Inventory (OGS, 2011), there are 6 historic mineral deposits on the property – 4 base/precious metal (Ag,Zn) and 2 uranium/thorium. The Cates Ag,Zn prospect on the north shore of Harrison Lake is classified as a 'developed prospect with reserves'. Reading from the MDI report – 'Reserve estimates from drilling by Noranda and Rio Algom of 5.83 Mt at 0.5% Zn and 0.5 opt Ag. Zone is 12 m wide, 60 m deep and 2.7 km long. 1.2% Zn over 2.4 m in Rio Algom ddh # 7.'(MDI52F13SE00065).

Emerald Fields Resource Corp. was the last to take a serious look at the area of GeoFortune's Bridges claim block. In 2001, Alasdair Mowat of Emerald Fields acquired the property with an eye to continuing work on TriOrigin's target recommendations and to reassess existing drill core and exploration data – geology, geophysics and rock chemistry – to locate deposits of Au, Ag, Cu, Zn and rare metals, Ta, Cs and Beryl (Mowat, 2003). A VTEM survey in May, 2004 is the last public record of work in this area by Emerald Fields. EM offset profiles from this VTEM survey are shown in figure 3. There is no public record of any interpretation of these results.

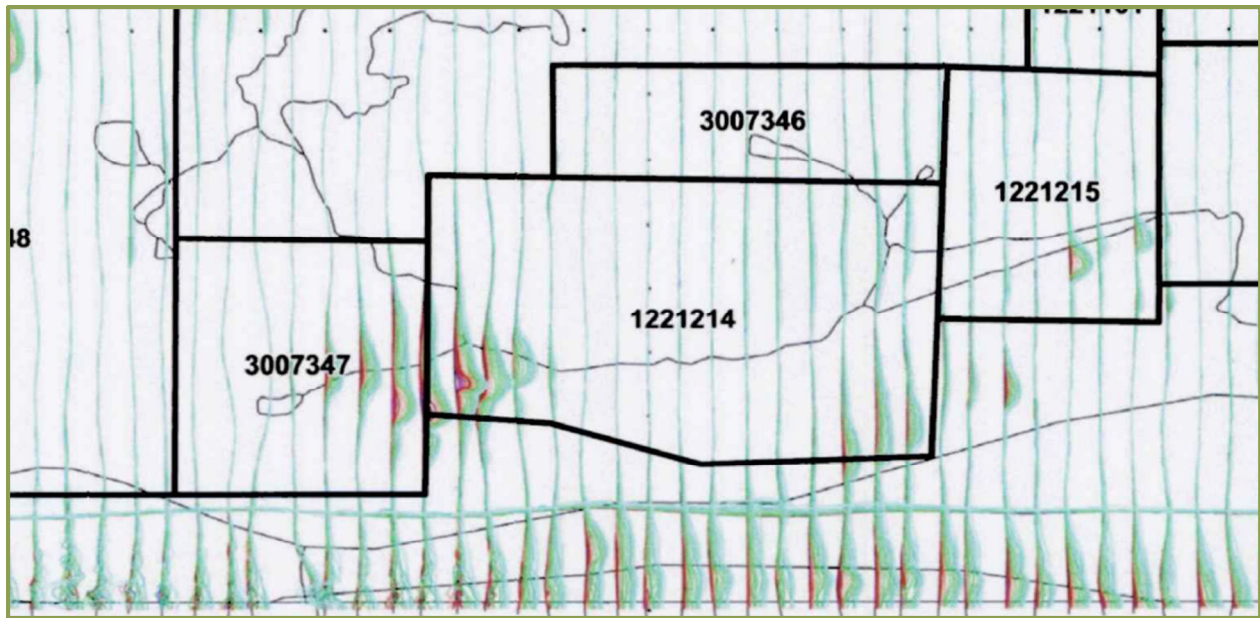


Figure 3. 2004 VTEM dB/dt offset profiles from AFRI 52F13SE2006

### 3. Reprocessed VTEM Survey Results

In October, 2013, a copy of the original digital archives of the 2004 VTEM survey for Emerald Fields Resource was acquired from Emerald Fields Resource by GeoFortune Resources. It were submitted to Geotech for re-processing. This included

- a new base map with current claim fabric
- calculating the dB/dt time constant
- picking EM anomalies. EM anomaly listings include type and Df1130 amplitude
- new maps at 1:20,000 of total magnetic intensity contours, dB/dt time constant and EM offset profiles. All maps show annotated EM anomaly centers.
- revised profile database with EM anomaly picks.

The re-processed database, maps and EM anomaly listings were provided to GeoFortune Resources on December 4, 2013. A section of the re-processed EM offset profile map is shown in figure 4. This section covers the same area as figure 3. Copies of all 3 re-processed maps are included with this report.

Geotech picked 229 EM anomalies, of which 183 were judged to be due to bedrock conductors and 46 were judged to be cultural. Of the 183, 98 were of 'K' type and 85 were of 'N' type. N type EM anomalies are thought to be due to a steeply dipping thin/thick sheet conductor. K type anomalies are due to any number of other undefined conductor forms.

The average EM anomaly amplitude as measured in the Df1130 channel (1.130 msec) is  $0.84 \text{ pV/Am}^4$ . The range is -0.01 to 9.24. The average dB/dt conductance estimate is 18.2 S. The range is 0 to 85.4 S.

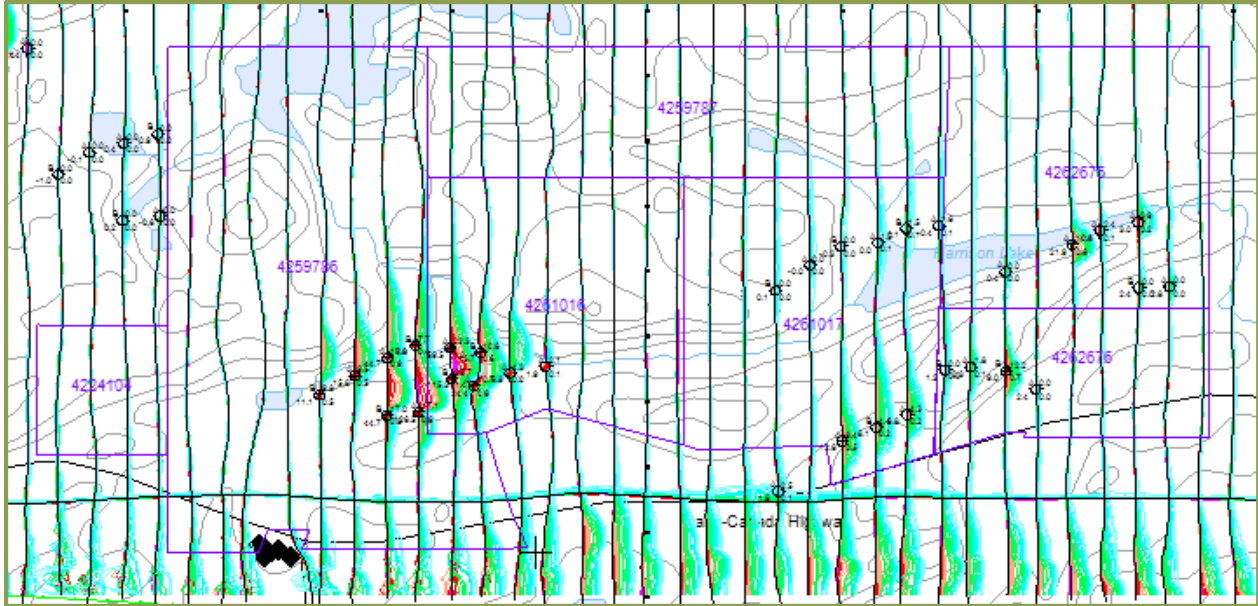


Figure 4. Re-processed 2004 VTEM dB/dt offset profiles with EM anomaly centers.

#### 4. Historic Diamond Drill Holes

The Ontario Drill Hole Database lists 30 historic drill holes within and just northeast of GeoFortune's Bridges property (OGS 2005). They are by

- A L Wilson, 1955, 1 hole - #1. 44.5 m.
- Noranda Exploration Ltd., 1969, 5 holes – BP-69-1 to BP-69-5. Total 504.9 m.
- Rio Algom and Mill City Gold, 1986 to 1990, 24 holes – 1 to 11, GL-88-01 to GL-88-10 and R90-1 to R90-3. Total 5513.1 m.

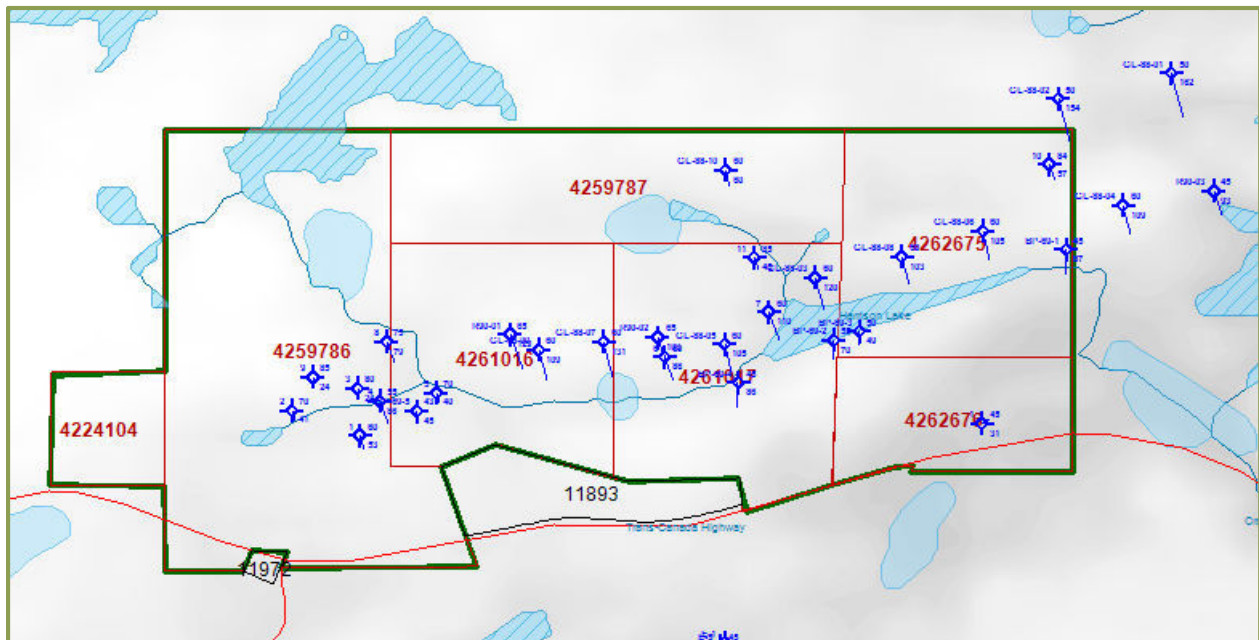
The collar locations of the Noranda drill holes have been checked against local topographic features as shown in sketch maps provided with the original assessment reports. The collar locations of the Rio Algom and Mill City drill holes have been checked through line/station collar locations on registered 1985 Rio Algom grid maps (Walker 1985). Drill hole line/stations have been taken from drill logs either filed for assessment (1 to 11) or as provided by the Resident Geologist in Kenora (GL-88-01 to GL-88-10 and R90-01 to R90-03). Other information not in the Ontario Drill Hole Database, available from the drill logs, has been added. The results of this work are listed in table 2. These drill holes are plotted in figure 5.

MNDM#	UTMe	UTMn	Company	year	ID	Az	Dip	Length	AFRI #
101750	451406	5520857	A L Wilson	1955	1	63	-45	44.5	52F13SE0023
101754	449415	5520900	Noranda	1969	BP-69-5	180	-43	61.0	52F13SE0015
101755	450885	5521150	Noranda	1969	BP-69-2	180	-55	122.9	52F13SE0016
101756	450975	5521180	Noranda	1969	BP-69-3	180	-50	76.2	52F13SE0016
101757	450550	5521000	Noranda	1969	BP-69-4	180	-45	122.0	52F13SE0016
101758	451703	5521469	Noranda	1969	BP-69-1	180	-45	122.9	52F13SE0017
101773	449215	5520815	Rio Algom	1986	1	160	-60	105.5	52F13SE0010
101774	448975	5520903	Rio Algom	1986	2	160	-70	119.8	52F13SE0006
101775	449206	5520980	Rio Algom	1986	3	160	-80	139.0	52F13SE0006
101776	449285	5520935	Rio Algom	1986	4	160	-55	150.0	52F13SE0006

MNDM#	UTMe	UTMn	Company	year	ID	Az	Dip	Length	AFRI #
101777	449485	5520965	Rio Algom	1986	5	160	-70	117.0	52F13SE0005
101778	450290	5521090	Rio Algom	1986	6	160	-60	171.0	52F13SE0005
101779	450655	5521250	Rio Algom	1986	7	160	-60	221.0	52F13SE0005
101780	449310	5521145	Rio Algom	1986	8	160	-75	304.8	52F13SE0005
101781	449050	5521020	Rio Algom	1986	9	160	-85	270.4	52F13SE0005
101782	451645	5521770	Rio Algom	1987	10	160	-84	549.8	52F13SE0005
101783	450605	5521440	Rio Algom	1987	11	160	-85	510.6	52F13SE0005
216430	452075	5522090	Mill City Gold	1988	GL-88-01	165	-50	251.8	52F13SE2005
216433	451675	5522000	Mill City Gold	1988	GL-88-02	165	-50	240.0	52F13SE2005
216435	450820	5521370	Mill City Gold	1988	GL-88-03	165	-60	240.0	52F13SE2005
216440	451905	5521625	Mill City Gold	1988	GL-88-04	165	-60	217.5	52F13SE2005
216434	450500	5521135	Mill City Gold	1988	GL-88-05	165	-60	209.4	52F13SE2005
216438	451410	5521535	Mill City Gold	1988	GL-88-06	165	-60	210.0	52F13SE2005
216432	450075	5521145	Mill City Gold	1988	GL-88-07	165	-60	261.2	52F13SE2005
216437	451125	5521445	Mill City Gold	1988	GL-88-08	165	-60	206.0	52F13SE2005
216431	449845	5521115	Mill City Gold	1988	GL-88-09	165	-60	218.5	52F13SE2005
216436	450505	5521750	Mill City Gold	1988	GL-88-10	165	-60	120.6	52F13SE2005
216441	449745	5521170	Rio Algom	1990	R90-01	160	-65	304.8	52F13SE2005
216439	450265	5521160	Rio Algom	1990	R90-02	160	-65	243.8	52F13SE2005
214372	452225	5521675	Rio Algom	1990	R90-03	160	-45	130.9	52F13SE2003

**Table 2. Corrected Historic Diamond Drill Holes**

The average disagreement in collar locations from the Ontario Drill Hole Database and those listed in table 2 for the 5 Noranda drill holes is 148 m. Range is 100 to 202 m. In the Ontario Drill Hole Database, Mill City Gold’s GL-88-01 and GL-88-02 are miss-identified as Rio Algom’s R90-02 and R90-01 – these holes are off by about 2 km. Ignoring these 4 holes, the average difference in collar locations from the Ontario Drill Hole Database and those listed in table 2 for the remaining 20 holes is 72 m. Range is 12 to 161 m.



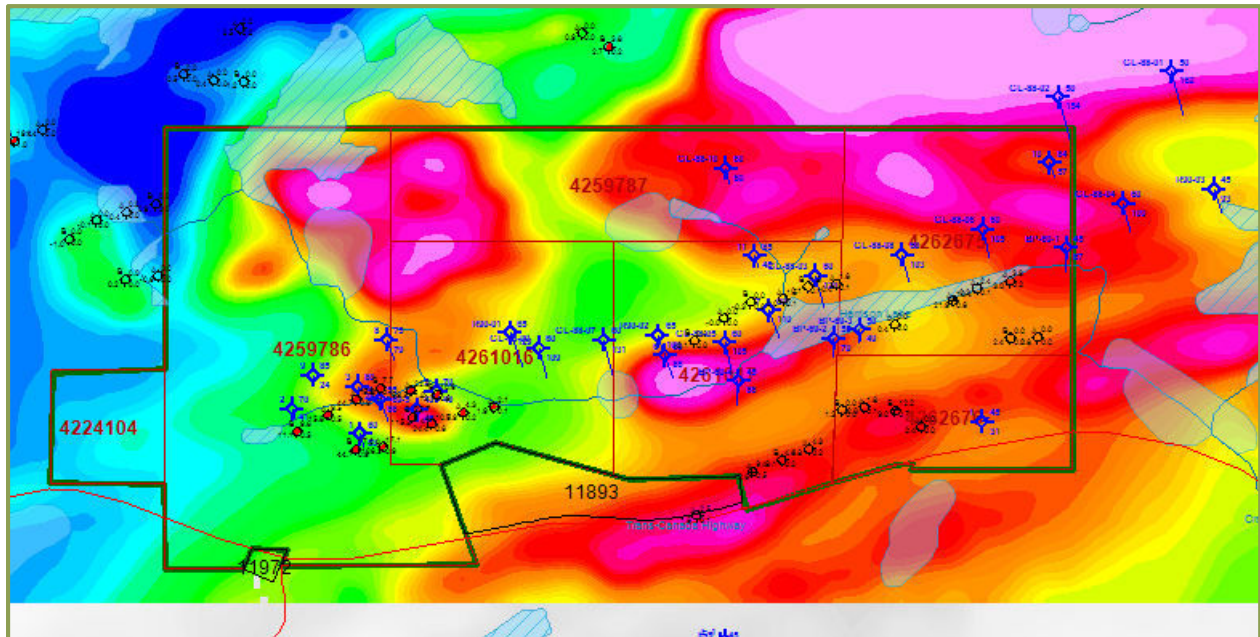
**Figure 5. Historic Diamond Drill Holes**



## 5. Interpretation

There are 4 VTEM EM conductors or conductor sets within GeoFortune's Bridges claim block (figure 6). The strongest conductor set is in claims 4259786 and 4261016 in the western part of the block and in the area of the Noranda Ag/Zn occurrence (MDI52F13SE00050). One of the strongest VTEM EM anomalies of the set, 6890A, suggests a thin sheet conductor with an intermediate dip to the north at a depth of 15 m. This conductor set was tested by Noranda's ddh BP-69-5 and Rio Algom's ddh 1, 2, 3, 4, 5, 8 and 9. This conductor set was clear in results from Rio Algom's HLEM survey (Walker, 1985). Noranda found a 'heavy Pb/Zn section' 39.0 to 39.3 feet in BP-69-5 (Noranda, 1969). The drill log from Rio Algom ddh #4 shows 'siliceous iron formation, 60.05-60.45m, 25% pyrrhotite, 1% pyrite, 3% sphalerite, 1% chalcopyrite. Semi-massive and massive pyrrhotite veins.' (Rio Algom, 1986) Results are similar from Rio Algom ddh 1, 2, 3 and 9. 108 samples from Rio Algom ddh 5, 7, 8 and 9 were analyzed for Cu, Pb, Zn, Au and Ag.

At the northwest corner of Harrison Lake and in the area of the Cates Ag/Zn prospect (MDI52F13SE00065) is a 500 m long string of very weak VTEM EM anomalies. The average Df1130 amplitude of the 6 EM anomalies that make up this feature is -0.0007, well below noise levels. A trough of conductive overburden is possible. The east end of this feature may have been tested by Mill City Gold drill hole GL-88-03. The drill log shows up to 5% disseminated pyrite but no bedrock conductors (Mill City Gold, 1988). Given the status of the Cates prospect, this feature may warrant a second look.

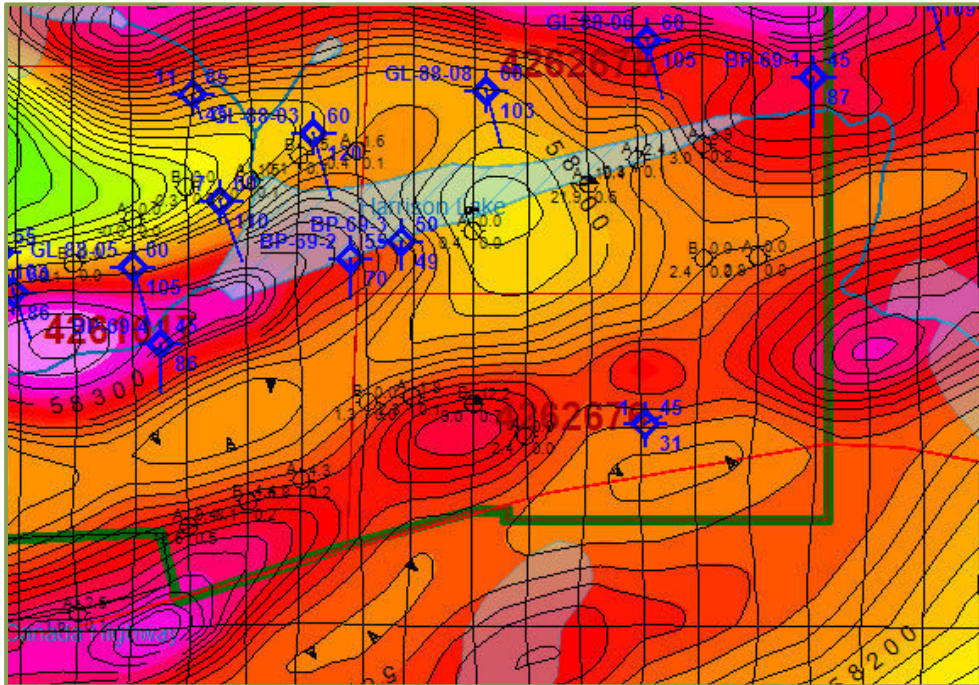


**Figure 6. Historic Drill Holes and VTEM EM Anomaly Centers over VTEM TMI colour grid**

The most interesting finding from the 2004 VTEM survey results are the 2 conductors south of Harrison Lake in claims 4262675 and 4262676 (figure 7). There is no public record of any drilling of these conductors. Rio Algom's HLEM survey covered the VTEM conductor on the south shore of Harrison Lake but no HLEM anomaly was seen (Walker, 1985). The Headway



Th/U occurrence (MDI52F13SE00054) is just east of the VTEM conductor on the south shore of Harrison Lake.



**Figure 7. Historic Diamond Drill Holes and VTEM EM Anomaly Centers over VTEM TMI colour/line contours**

The VTEM conductor on the south shore of Harrison Lake is defined by 3 EM anomalies – 6670A, 6680A and 6690A – the best of which is 6690A. The shape of 6690A offers little indication of conductor form or depth. No HLEM response with a 150 m coil spacing (Walker, 1985) suggests the conductor is at depth – 50 m ? The conductor has no clear magnetic expression.

The VTEM conductor near the southern boundary of the claim block is defined by a string of 7 weak EM anomalies – 6700A, 6710B, 6720A, 6730B, 6740A, 6750B and 6760A. The average Df1130 amplitude is 0.042. The highest amplitude EM anomaly of the set is 6750B. 6740A and 6750B suggest a thin sheet conductor with an intermediate dip to the north. If so, the conductor is 75 m south of the EM anomaly center and on a 50 to 100 nT magnetic axis. If so, the estimated depth of burial of this conductor is 75 m.

## 6. Follow Up

A gambler might drill test 6750B with the information at hand. A more measured approach might involve targeted geochemical surveys, such as Mobile Metal Ion (MMI), over the 2 untested VTEM conductors in the southwest part of GeoFortune’s Bridges claim block. If the results prove favourable for base / precious metals, a small VTEM survey could be used to try to establish conductor geometry prior to drilling. The area of interest, covering both conductors, would be covered by a 30 km VTEM survey (10 north/south lines at 100 m).

## 7. Conclusions

GeoFortune Resources Bridges property includes known Ag/Zn and Au occurrences and some 26 drill holes by Noranda in 1969 and Rio Algom / Mill City Gold from 1985 to 1990. VTEM conductors from a 2004 survey over GeoFortune Resources Bridges property and area have been re-affirmed. Two of these VTEM conductors in the southwest part of the property appear to be new. There is no public record that either of these conductors has been drill tested. Follow up of these 2 conductors is suggested. A moderate depth of burial ( $\geq 50$  m) is expected.

A handwritten signature in black ink that reads "Ian Johnson". The signature is written in a cursive, flowing style.

Ian Johnson, Ph.D., P.Eng.  
December 9, 2013

## References

Mill City Gold Inc. 1988. Diamond Drill Log from GL-88-03, Bridges Township. A copy of this and other Mill City Gold drill logs was provided by the Resident Geologist in Kenora. They were not filed for assessment credit and are therefore not otherwise publicly available.

Mowat, A. J. M. 2003. Report on the Bridges/Fairservice Property, Bridges-Docker Townships, for Emerald Fields Resource Corp. AFRI # 52F13SE2005. AFRO # 2.26137

Mowat, A. J. M. 2004. Report on an Airborne Geophysical Survey by Geotech Ltd. for Emerald Fields Resources Corp., Geotech project # 446. AFRI # 52F13SE2006. AFRO # 2.28216

Noranda Explorations Ltd. 1969. Diamond Drilling Report, Bridges Township, ddh # BP-69-5. AFRI # 52F13SE0015. AFRO # 16.

Ontario Geological Survey, 2005. Ontario Drill Hole Database-December 2005 Release. Ontario Geological Survey, Data Set 13-Revision.

Ontario Geological Survey 2011. Mineral Deposit Inventory--2011; Ontario Geological Survey, Mineral Deposit Inventory, December 2011 release. ISBN 978-1-4435-7610-9 (CD) ISBN 978-1-4435-7611-6 (Zip file)

Rio Algom Exploration Inc. 1986. Diamond Drilling Report, Bridges Township, ddh # 2, 3 and 4. AFRI # 52F13SE0006. AFRO # 23

Walker, A. J. 1985. Report on Horizontal Loop EM Survey, Rio Algom Explorations Inc., Game Lake Project. AFRI# 52F13SE0008. AFRO # 2.9353.

Ian Mayhew Johnson  
3136 Hale Street, RR2  
Aylmer, ON, Canada N5H 2R2  
Telephone : 519-773-2932  
Email : ianjohnson@amtelecom.net

### Statement of Qualifications

I, Ian Johnson, Ph.D., P.Eng. do hereby certify that :

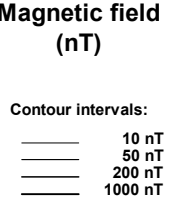
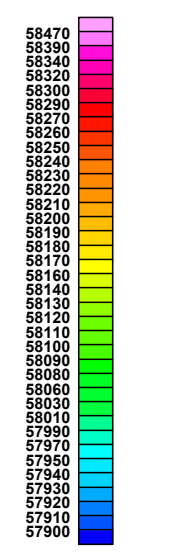
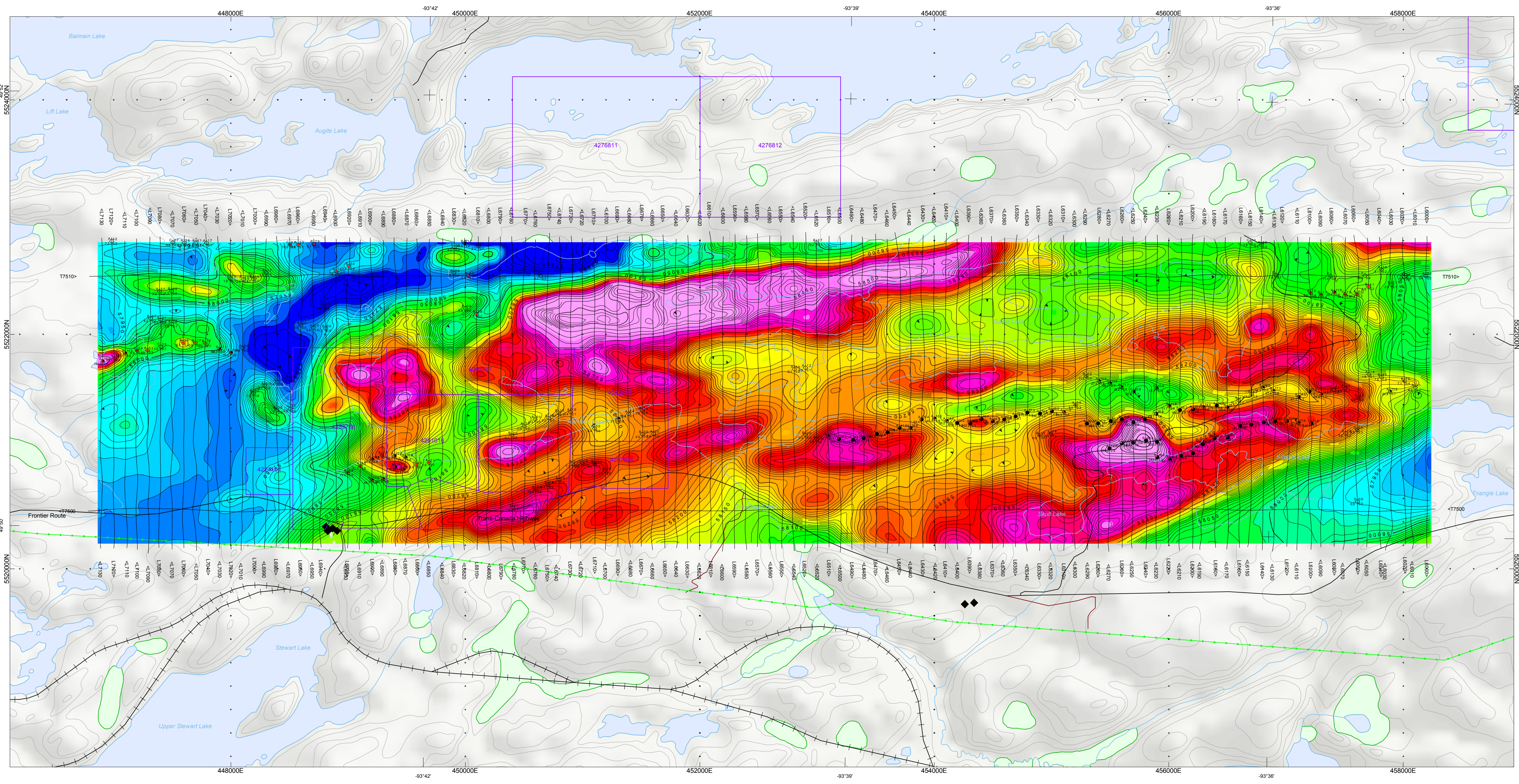
1. I am a self-employed Consulting Geophysicist.
2. I graduated with a B.Sc. degree in geophysics from the University of Western Ontario in 1968. I graduated with a Ph.D. degree from the University of British Columbia in 1972.
3. I am a registered Professional Engineer in the Province of Ontario.
4. I have worked as a minerals exploration geophysicist for a total of 37 years since my graduation from the University of British Columbia.
5. I am responsible for the preparation of the *Interpretation of Results from a 2004 VTEM Survey, Bridges Property – Bridges Township (G0812)*, dated December 9, 2013 (“the Technical Report”) relating to the Bridges Claims of GeoFortune Resources Corp. I have not visited the property.
6. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which would make the Technical Report misleading.
7. I have prepared the Technical Report based on information provided by GeoFortune Resources or as available from public sources.
8. I have no financial interest in GeoFortune Resources or their properties.
9. I consent to the filing of the Technical Report with any regulatory authority and any publication by them of the Technical Report.

Dated this 9<sup>th</sup> Day of December, 2013

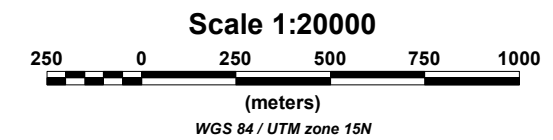
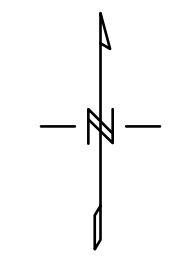
A handwritten signature in black ink that reads "Ian Johnson". The signature is written in a cursive, flowing style.

Signature of Qualified Person





- TOPOGRAPHIC LEGEND:**
- ◆ Buildings
  - Roads
  - Trails
  - Railroads
  - Transmission Lines
  - Streams / Rivers
  - Contours
  - Lakes / Ponds
  - Wetlands
  - Mining Claims



The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTDB data  
 Background shading is derived from NASA SRTM (Shuttle Radar Topography Mission) data  
 Inset data derived from DIVA-GIS Geographic National Dataset for Canada at 1:10,000,000  
 Mining claims are derived from the Ontario Ministry of Northern Development and Mines  
 (www.geogratis.ca/www.diva-gis.org)

**Anomaly Symbols**

- Conductance > 50 S
- ◐ 35 S < Conductance < 50 S
- ◑ 20 S < Conductance < 35 S
- ◒ 10 S < Conductance < 20 S
- ◓ 5 S < Conductance < 10 S
- Conductance < 5 S
- ◑ Cultural

**Anomaly ID**      **Conductance dBdt (S)**

D1130f \*100 36.2      0.8 TAU dBdt (ms)

● red circle inside refers to "thin" conductor

**Survey Specifications:**  
 Aircraft: Astar BA helicopter, Registration C-GHSM  
 Flight Line Spacing: 100 metres  
 Nominal terrain clearance 70 metres  
 EM sensor is 40 metres under helicopter  
 Magnetic sensor is 15 metres under helicopter

**Instruments:**  
 Geotech Time Domain Electromagnetic System  
 with concentric Rx/Tx geometry  
 Geometrics Optically-pumped,  
 High Sensitivity Cesium Magnetometer  
 Mag Resolution 0.02 nT at 10 samples/sec

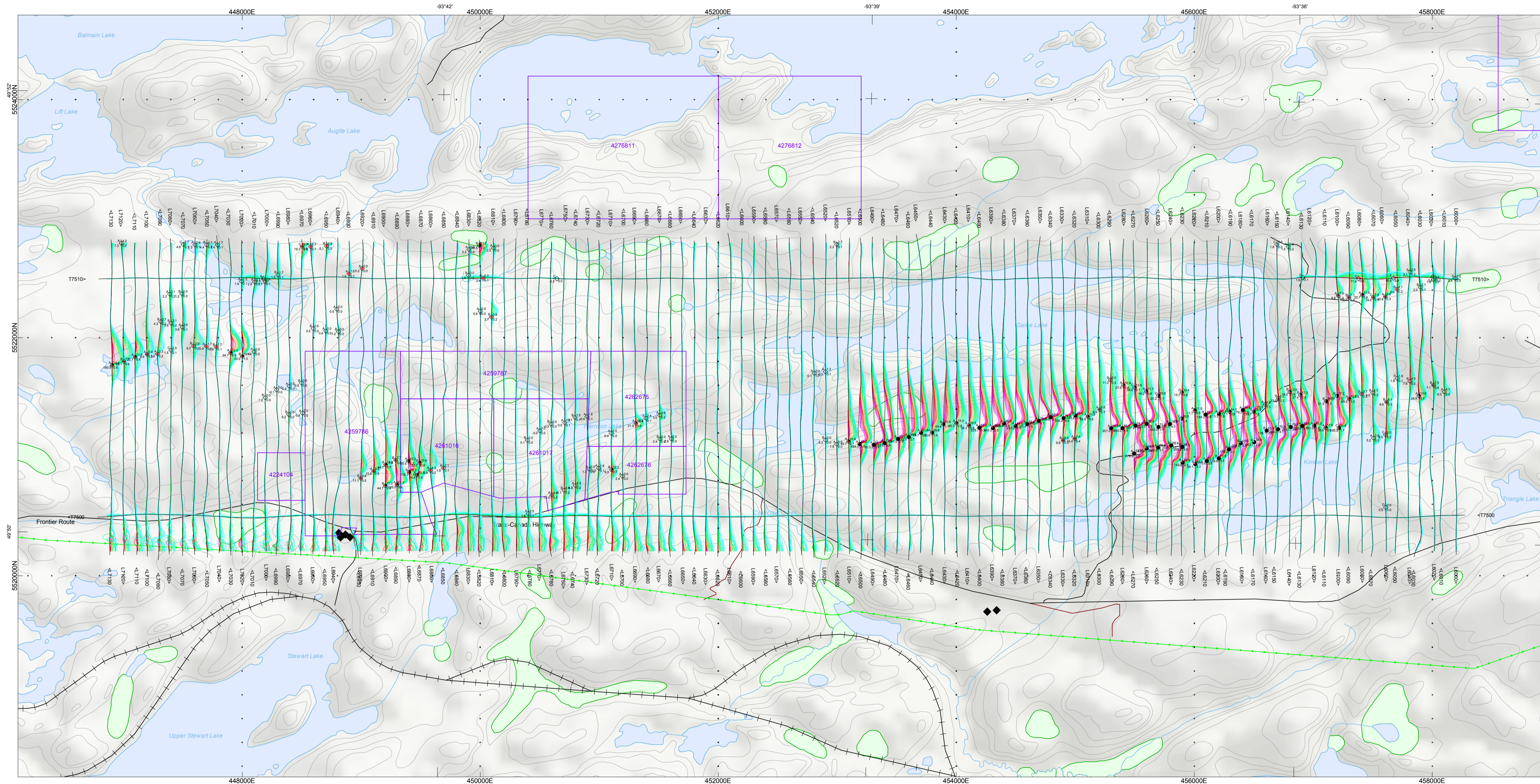
**GeoFortune Resources Corp.**  
 Originally flown in 2004 for Emerald Fields Resources  
**Bridges Block**  
 Ontario, Canada

Geotech TDEM System  
 Total Field Magnetics

Flown and processed by Geotech Ltd.  
 245 Industrial Parkway North,  
 Aurora, Ontario, Canada L4G 4C4  
 www.geotech.ca

November 2013





Profiles scale 1 mm = 0.1 pV/A/m<sup>2</sup>  
 (Linear between +/-0.2 pV/A/m<sup>2</sup>  
 logarithmic above 0.2 pV/A/m<sup>2</sup>)

**Anomaly Symbols**

	0.22 ms		Conductance > 50 S
	0.26 ms		35 S < Conductance < 50 S
	0.30 ms		20 S < Conductance < 35 S
	0.35 ms		10 S < Conductance < 20 S
	0.41 ms		5 S < Conductance < 10 S
	0.48 ms		Cultural
	0.57 ms		
	0.68 ms		
	0.81 ms		
	0.96 ms		
	1.13 ms		
	1.34 ms		
	1.60 ms		
	1.90 ms		
	2.24 ms		
	2.66 ms		
	3.18 ms		
	3.78 ms		
	4.46 ms		
	5.30 ms		
	6.34 ms		

**Anomaly ID**      **Conductance dBdt (S)**

D1130F\*100      15.5  
 0.8 TAU dBdt (ms)

red circle inside refers to "thin" conductor

**TOPOGRAPHIC LEGEND:**

- Buildings
- Roads
- Trails
- Railroads
- Transmission Lines
- Streams / Rivers
- Contours
- Lakes / Ponds
- Wetlands
- Mining Claims

**Survey Specifications:**

- Aircraft: Astar BA helicopter, Registration C-GHSM
- Flight Line Spacing: 100 metres
- Nominal terrain clearance 70 metres
- EM sensor is 40 metres under helicopter
- Magnetic sensor is 15 metres under helicopter

**Instruments:**

- Geotech Time Domain Electromagnetic System with concentric Rx/Tx geometry
- Geometrics Optically-pumped, High Sensitivity Caesium Magnetometer
- Mag Resolution 0.02 nT at 10 samples/sec

**Scale 1:20000**

250 0 250 500 750 1000  
 (meters)  
 WGS 84 / UTM zone 18N

The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTDB data  
 Background shading is derived from NASA SRTM (Shuttle Radar Topography Mission) data  
 Inset data derived from DIVA-GIS Geographic National Dataset for Canada at 1:10,000,000  
 Mining claims are derived from the Ontario Ministry of Northern Development and Mines  
 (www.geogratis.ca/www.diva-gis.org/www.mndm.gov.on.ca)

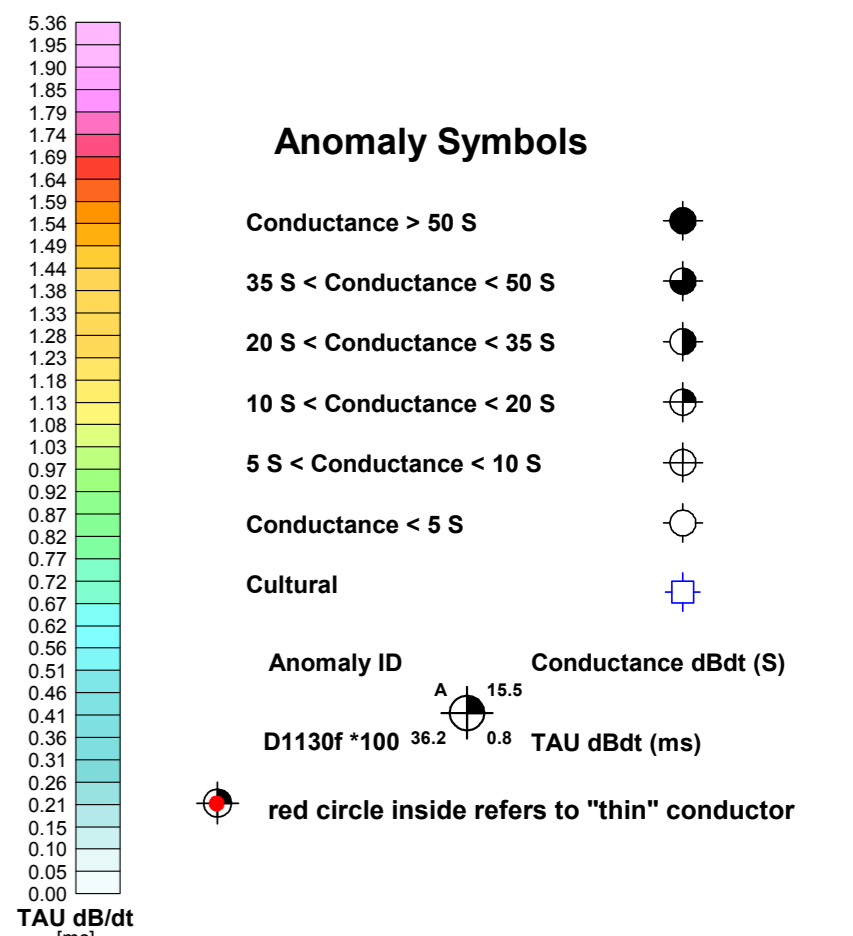
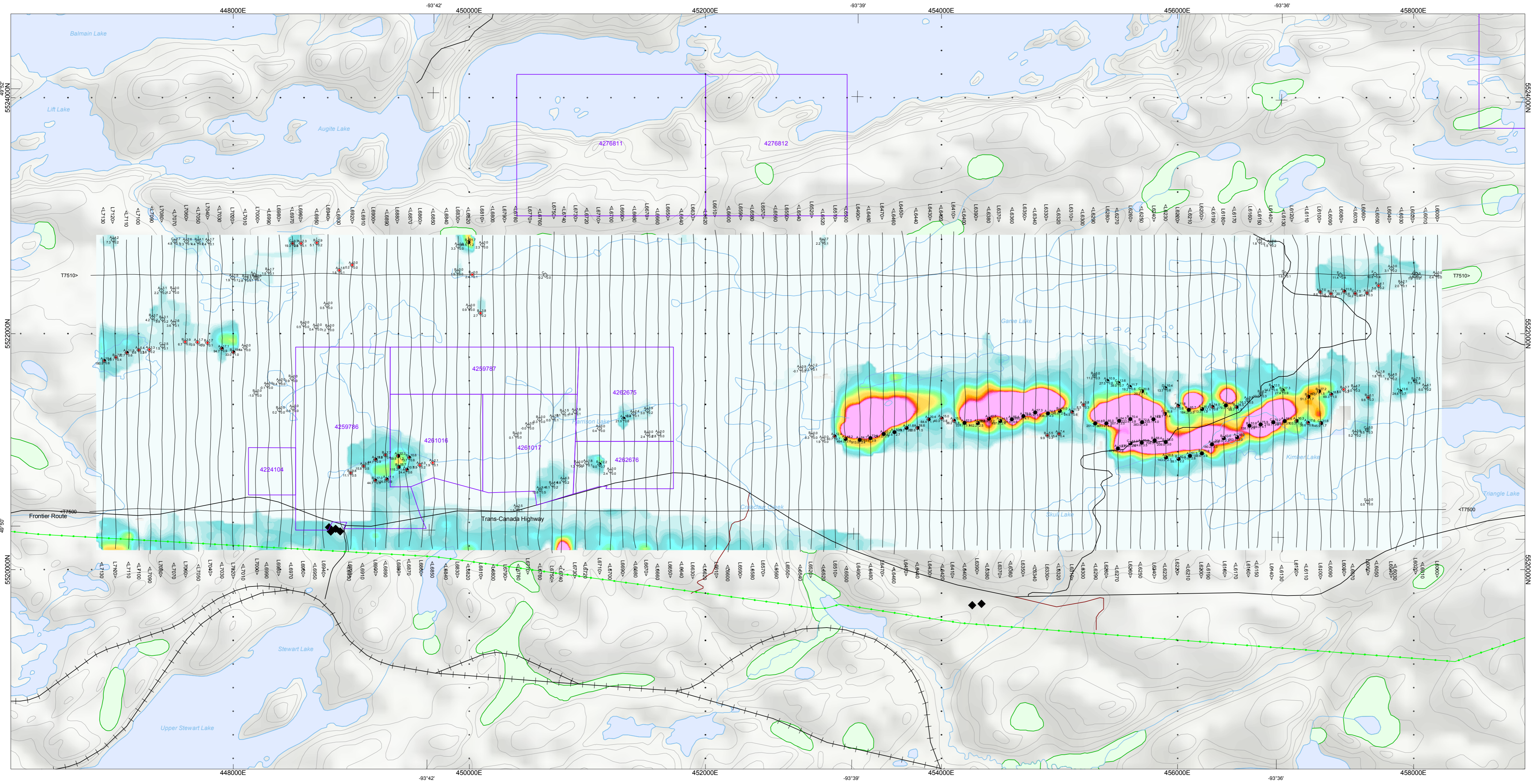
**GeoFortune Resources Corp.**  
 Originally flown in 2004 for Emerald Fields Resources  
**Bridges Block**  
 Ontario, Canada

Geotech TDEM System  
**TDEM Profiles**  
 Time Gates 0.220 - 6.340 ms

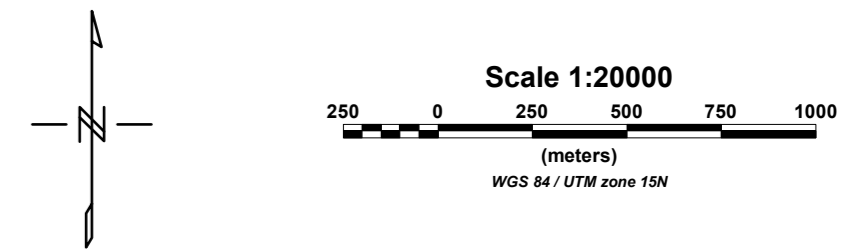
Flown and processed by Geotech Ltd.  
 245 Industrial Parkway North,  
 Aurora, Ontario, Canada L4G 4C4  
 www.geotech.ca

**November 2013**





- TOPOGRAPHIC LEGEND:**
- ◆ Buildings
  - Roads
  - Trails
  - Railroads
  - Transmission Lines
  - Streams / Rivers
  - Contours
  - Lakes / Ponds
  - Wetlands
  - Mining Claims
- Survey Specifications:**
- Aircraft: Astar BA helicopter, Registration C-GHSM
  - Flight Line Spacing: 100 metres
  - Nominal terrain clearance 70 metres
  - EM sensor is 40 metres under helicopter
  - Magnetic sensor is 15 metres under helicopter
- Instruments:**
- Geotech Time Domain Electromagnetic System with concentric Rx/Tx geometry
  - Geometrics Optically-pumped, High Sensitivity Cesium Magnetometer
  - Mag Resolution 0.02 nT at 10 samples/sec



The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTDB data  
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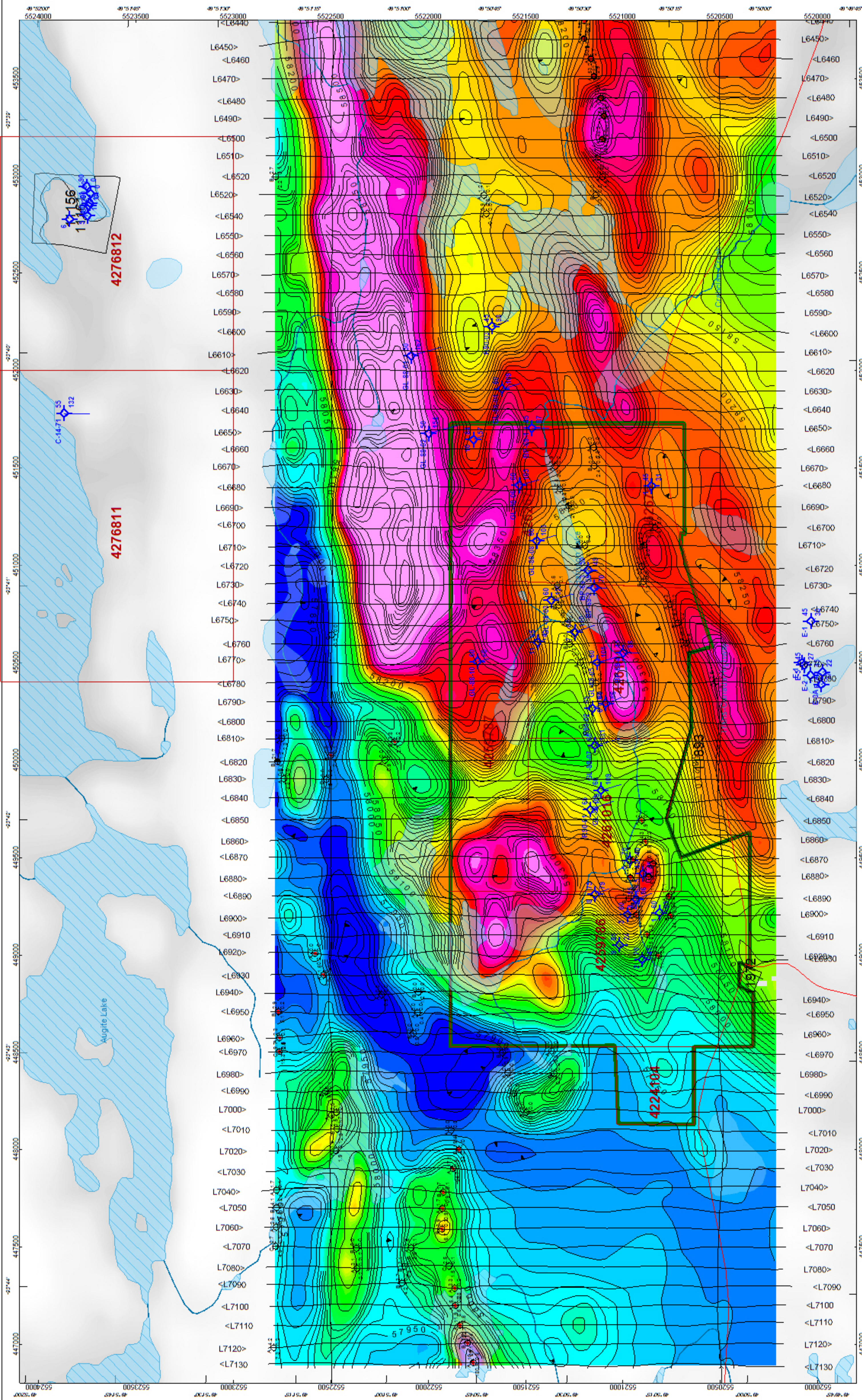
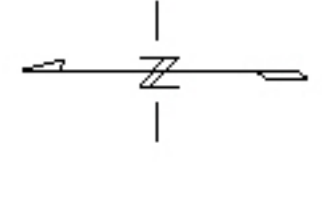
**GeoFortune Resources Corp.**  
Originally flown in 2004 for Emerald Fields Resources  
**Bridges Block**  
Ontario, Canada

Geotech TDEM System  
dB/dt Calculated Time Constant (Tau)

Flown and processed by Geotech Ltd.  
245 Industrial Parkway North,  
Aurora, Ontario, Canada L4G 4C4  
www.geotech.ca

November 2013





# Geotech 2004

# GDS1203

- Anomaly Symbols**
- Conductance > 5 S
  - 35 S < Conductance < 50 S
  - 20 S < Conductance < 35 S
  - 10 S < Conductance < 20 S
  - 5 S < Conductance < 10 S
  - Conductance < 5 S
  - Cultural
  - Anomaly ID
  - Conductance dB/dt (S)
  - Dip (in degrees)
  - Length (m)
  - Surface projection of drillhole
  - red circle inside refers to "thin" conductor

