

SURVEY SPECIFICATIONS:

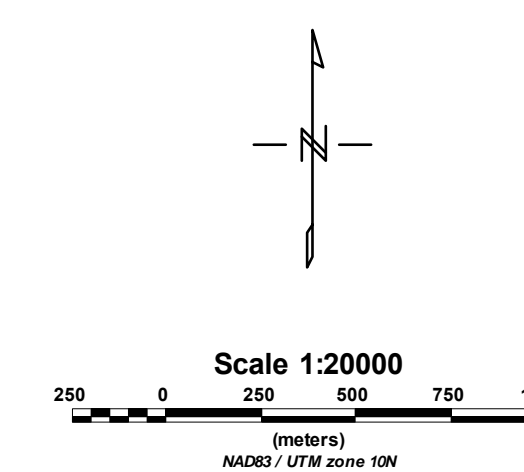
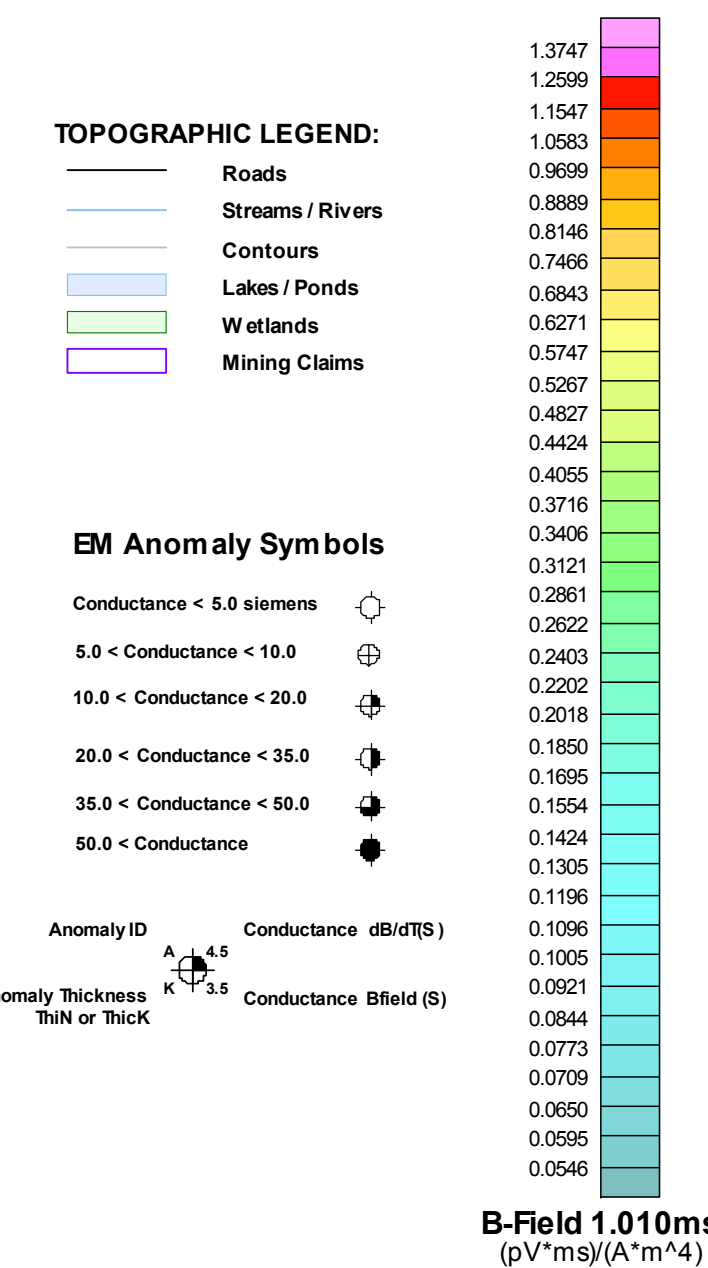
Survey Date: July 22nd to August 5th, 2014  
Survey Base: Cirque Camp, British Columbia  
Aircraft: Aerospacelab A-Star 350 B3 (C-GEOJ)  
Survey Line Spacing: 200 Meters  
Survey Line Direction: N 50° E / N 230° E  
Tie Line Spacing: 200 Meters  
Tie Line Direction: N 140° E / N 350° E  
Average Aircraft Terrain Clearance: 110 Meters  
EM Transmitter Loop: Towed at an average terrain clearance of 35 meters below the helicopter  
Magnetic Sensor: Towed at an average terrain clearance of 13 meters below the helicopter

INSTRUMENTS

Geotech Time Domain Electromagnetic System (VTEM)  
Concentric Rx/Tx Geometry  
Z-Coil Diameter: 1.2m  
Transmitter Loop Diameter: 17.6 Meters  
Dipole Moment: 237.412 A·m²  
Transmitter Wave Form: Trapezoid, Pulse Width 3.42 ms, Base Frequency 30 KHz  
Geometrically High Sensitivity Cesium Magnetometers  
Mag Resolution: 0.02 nT at 10 samples/sec

MAP PROJECTION

Datum: NAD83  
Projection: Universal Transverse Mercator  
Central Meridian: 123°W (Zone 10M)  
Central Scale Factor: 0.9996  
False Easting/Northing: 500,000m  
Major Axis: 6378137.0m  
Inverse Flattening: -298.25722  
NAD83: 094F06, 094F07, 094F10, 094F11



The topographic database 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 Geocommunities 1:250,000 Canadian National Topographic database. Mining Claims are derived from the Government of British Columbia ([www.geocomm.com](http://www.geocomm.com)) ([www.geogratis.ca](http://www.geogratis.ca)) (<http://www.gov.bc.ca>).

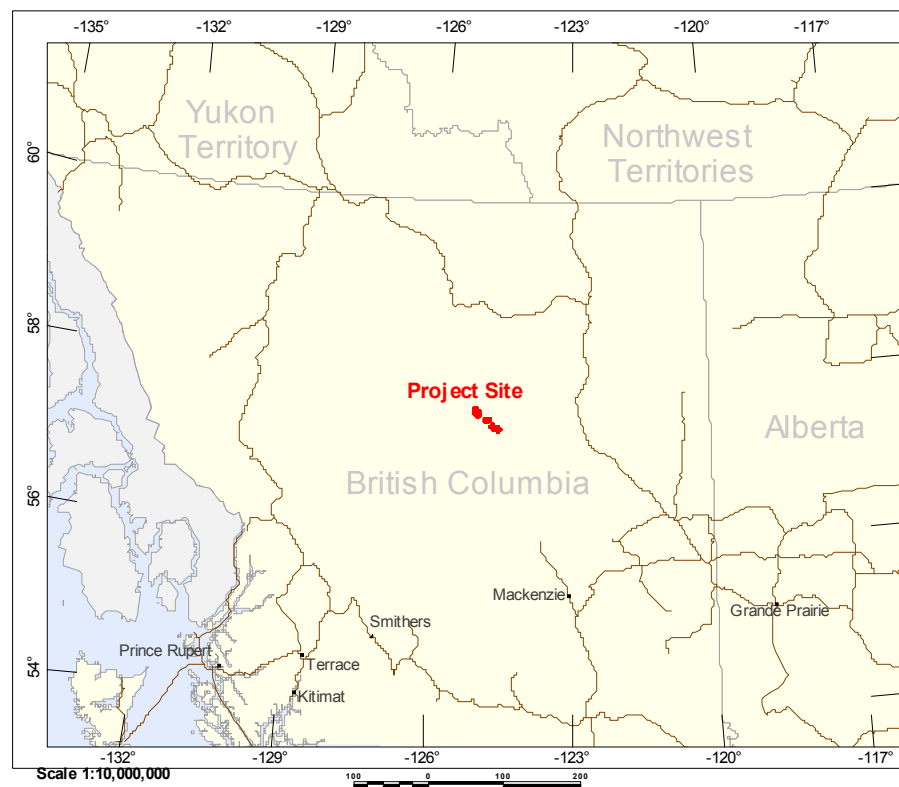
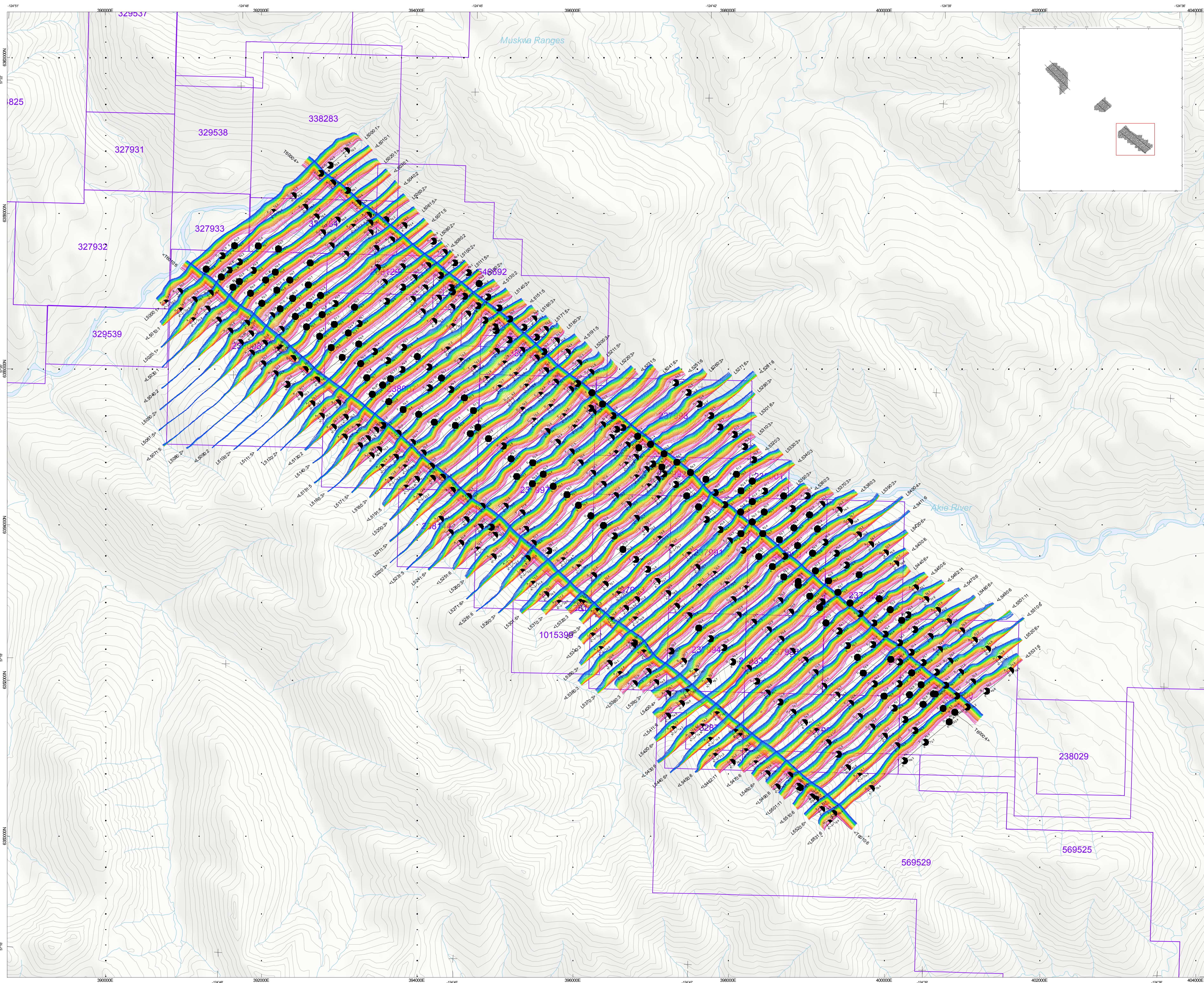
Teck Resources Limited  
Elf Block  
Ware, British Columbia

Geotech VTEM System  
VTEM B-Field Z Component  
Channel 31, Time Gate 1.010 ms

 Flown and processed by Geotech Ltd.  
245 Industrial Parkway North,  
Aurora, Ontario, Canada L4G 4C4  
[www.geotech.ca](http://www.geotech.ca)

September 2014

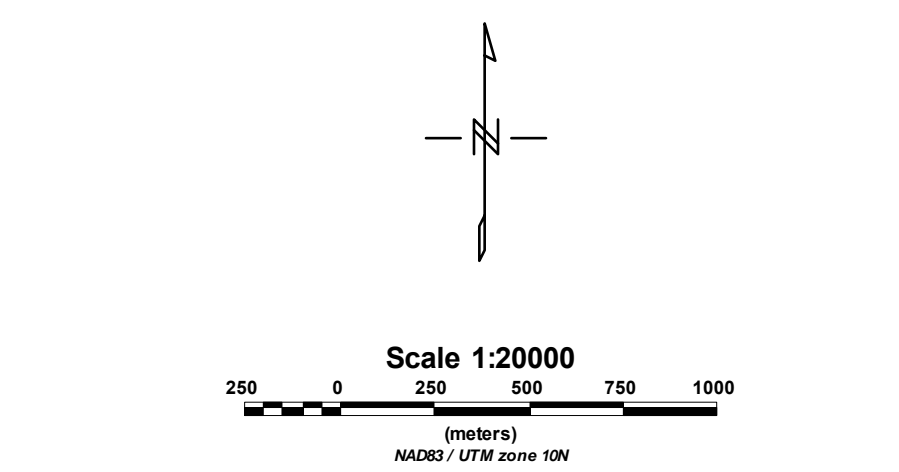
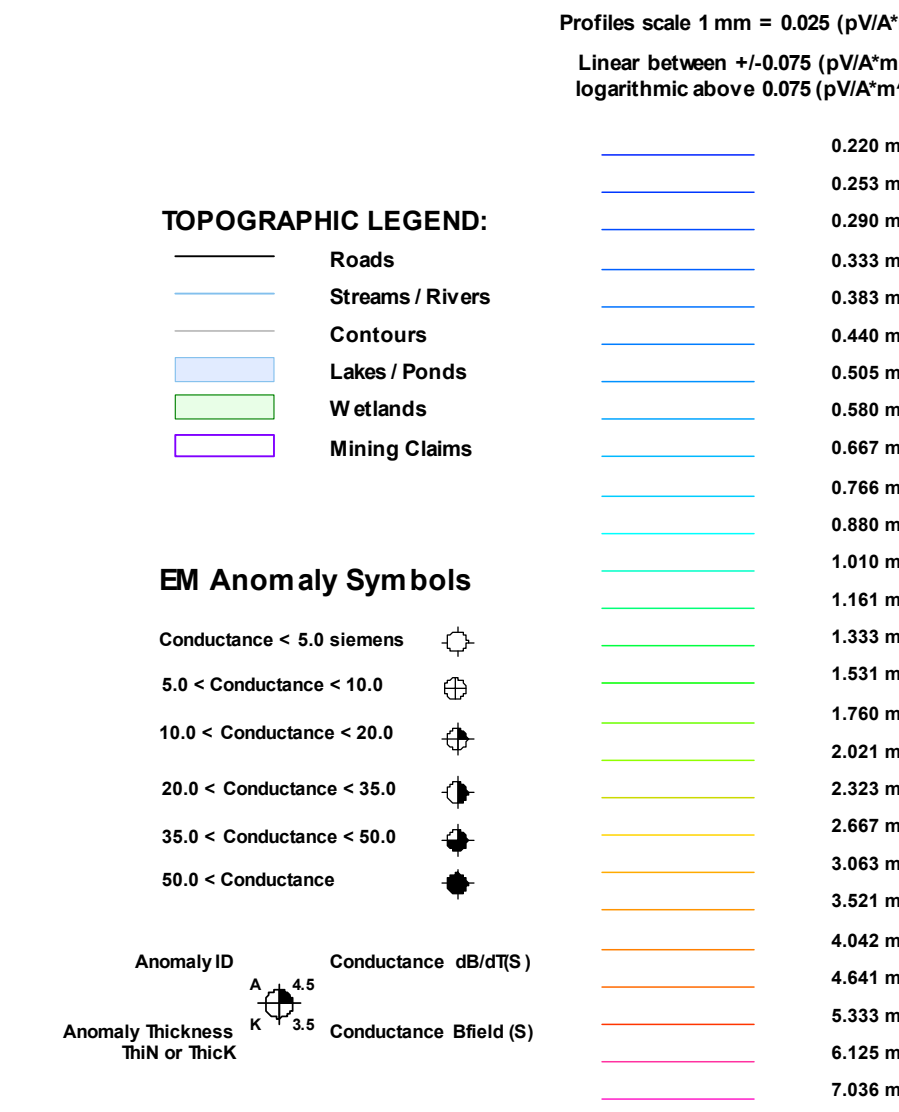




**SURVEY SPECIFICATIONS:**  
Survey Date: July 22nd to August 5th, 2014  
Survey Base: Cirque Camp, British Columbia  
Aircraft: Aerospatiale A-Star 350 B3 (C-GEU)  
Survey Line Spacing: 200 Meters  
Survey Line Direction: N 50° E / N 230° E  
Tie Line Spacing: 2000 Meters  
Tie Line Direction: N 140° E / N 320° E  
Average Aircraft Terrain Clearance: 110 Meters  
EM Transmitter Loop: Towed at an average terrain clearance of 35 meters below the helicopter  
Magnetic Sensor: Towed at an average terrain clearance of 13 meters below the helicopter

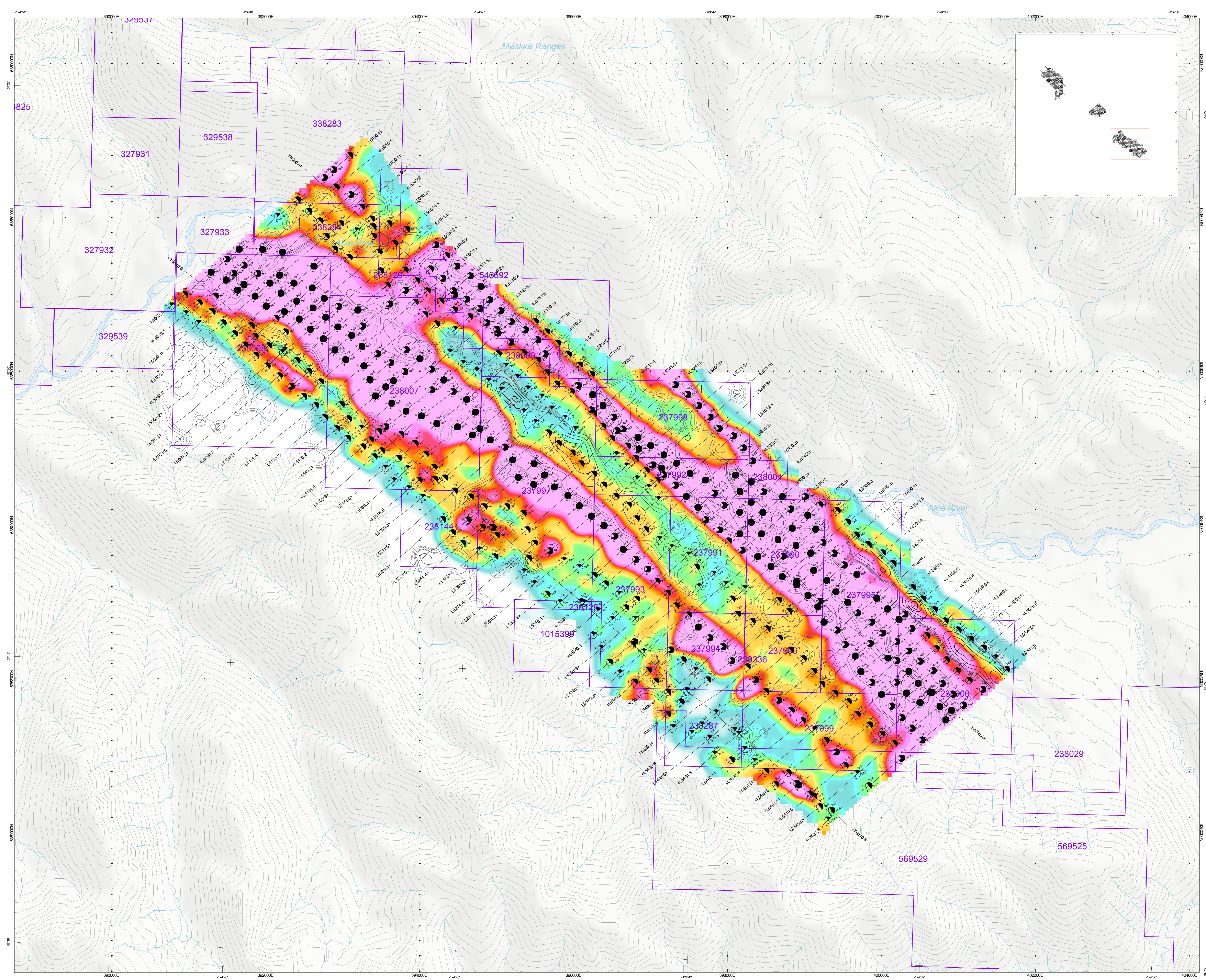
**INSTRUMENTS**  
Geotech Time Domain Electromagnetic System (VTEM)  
Concentric 8x7x5 Geometry  
Z-Coil Diameter 1.2m  
Transmitter Loop: Diameter 17.6 Meters  
Dipole Moment: 237,412 nA  
Transmitter Wave Form: Trapezoid, Pulse Width 3.42 ms, Base Frequency 30 Hz  
Geometrics High Sensitivity Cesium Magnetometers  
Mag Resolution: 0.02 nT at 10 samples/sec


**MAP PROJECTION**  
Datum: NAD83  
Projection: Universal Transverse Mercator  
Central Meridian: 123°W (Zone 10N)  
Central Scale Factor: 0.9996  
False Easting/Northing: 500,000m/0m  
Major Axis: 6378137.000  
Inverse Flattening: 298.25722  
NTS: 094F06, 094F07, 094F10 & 094F11




The topographic database was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data  
Background shading is derived from NASA SRTM (Shuttle Radar Topography Mission) data  
Road data derived from GeoCommunities 1:250,000 Canadian National Topographic database  
Mining Claims are derived from the Government of British Columbia  
(www.geocomm.com/www.geogatis.ca/http://www.gov.bc.ca)





**GEOTECH LTD.**



Scale 1:50,000,000

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**INSTRUMENTS**

Geotech Time Domain Electromagnetic System (VTEM)  
Concentric R/T Geometry  
Z-Coil Diameter 1.2m  
Transmitter Loop: Diameter 17.6 Meters  
Dipole Moment: 237.412 nA  
Transmitter Wave Form: Trapezoid, Pulse Width 3.42 ms, Base Frequency 30 Hz  
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**TOPOGRAPHIC LEGEND:**

- Roads
- Streams / Rivers
- Contours
- Lakes / Ponds
- Wetlands
- Mining Claims

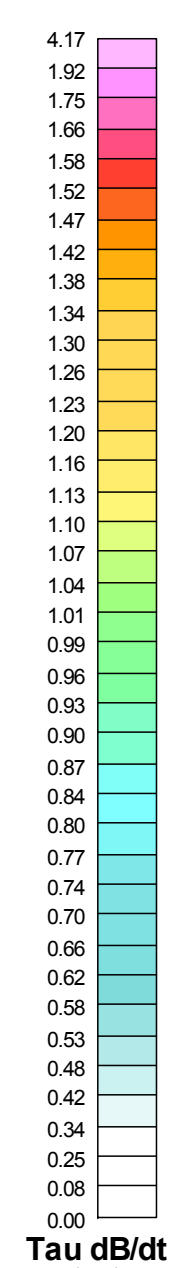
**EM Anomaly Symbols**

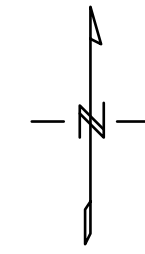
Conductance < 5.0 siemens	⊙
5.0 < Conductance < 10.0	⊕
10.0 < Conductance < 20.0	⊗
20.0 < Conductance < 35.0	⊙
35.0 < Conductance < 50.0	⊕
50.0 < Conductance	⊗

Anomaly ID A  
Anomaly Thickness K  
Thin or Thick

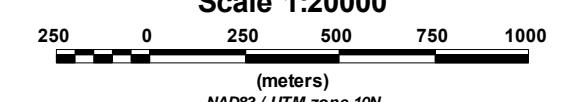
Conductance dB/dT (S)  
Conductance Bfield (S)

**Tau dB/dt (ms)**





Scale 1:20000



NAUTS / UTM zone 10N

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[www.geocm.com](http://www.geocm.com) [www.geobase.ca](http://www.geobase.ca) <http://www.gov.bc.ca>

**Teck Resources Limited**  
**Elf Block**  
**Ware, British Columbia**

Geotech VTEM System  
**dB/dt Calculated Time Constant (Tau)**  
with  
**Calculated Vertical Derivative contours**

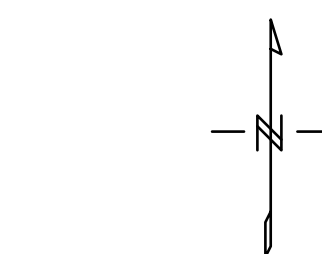
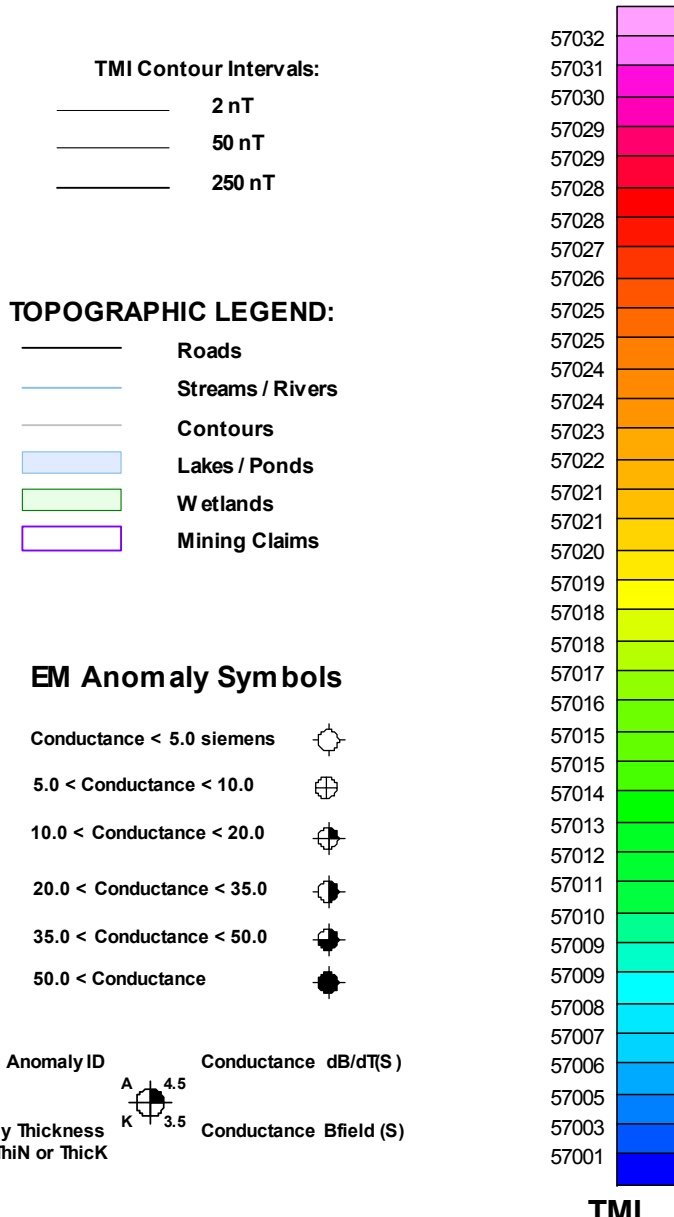
Flown and processed by Geotech Ltd.  
245 Industrial Parkway North  
Aurora, Ontario, Canada L4G4C4  
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**September 2014**





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Scale 1:20000  
 (meters)  
 NAD83 / UTM zone 10N

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**Teck Resources Limited**  
 Elf Block  
 Ware, British Columbia  
 Geotech VTEM System  
 Total Magnetic Intensity (TMI)

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

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