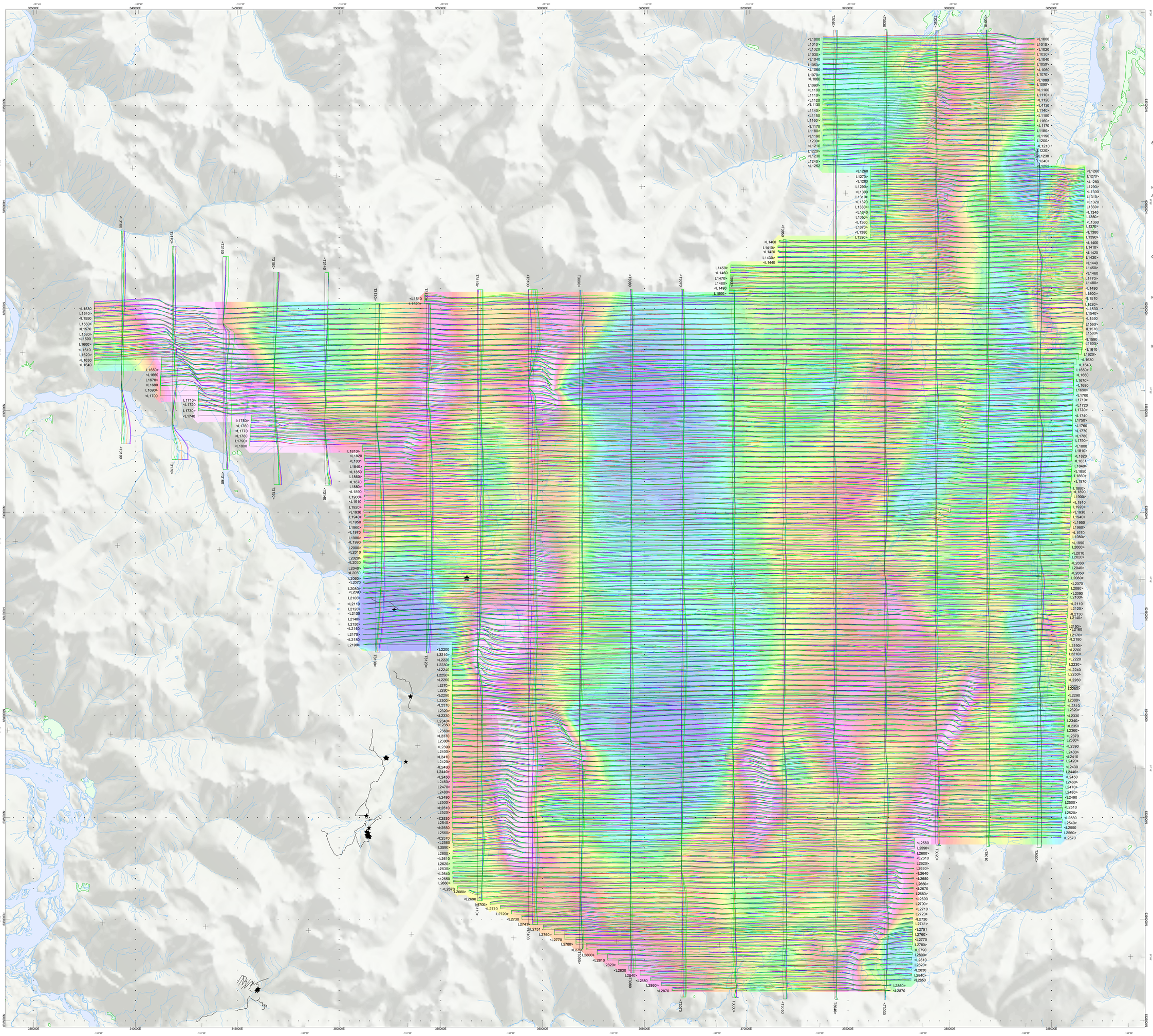


GEOTECH LTD.



SURVEY SPECIFICATIONS:

Survey Flying Date: August 24, 2013 - September 13, 2013
Survey Operations Base: Schaft Creek and Huron Camp, British Columbia, Canada
Survey Line Spacing: 250 Meters
Survey Line Direction: N 90° E / N 270° E
Survey Tie Line Spacing: 2500 Meters
Survey Tie Line Direction: N 0° E / N 180° E
Helicopter Mean Terrain Clearance: 498 metres
Mean Ground Air Speed: 25 metres/sec
ZTEM airborne coil: towed at a mean distance of 70 m below the helicopter
Airborne Magnetometer bird: towed at a mean distance of 55 m below the helicopter

HELICOPTER SPECIFICATIONS

Helicopter Type: Aerospatiale A-Star 350 B3 (Registration C-FVTM)

AIRBORNE INSTRUMENTATION

Survey Type: Helicopter Z-Axis Tipper Electromagnetic (ZTEM), Magnetic towed Bird
GPS Receivers (4): NovAtel CDGPS enabled Propak V3-RT20
GPS Receivers Location: One on the helicopter, three on EM coil
Radar Altimeter: Terra TRA 3000/TRI 40
Navigation: GEONAV-3

AIRBORNE ELECTROMAGNETIC SYSTEM

Electromagnetic System: Geotech Z-Axis Tipper (ZTEM)
Coil dimensions: 7.4 metres diameter
Coil orientation: Vertical Dipole
Digitizing rate: 2000Hz

AIRBORNE MAGNETOMETER

Magnetometer: GEOMETRICS
Magnetometer Sensitivity: +/- 0.02 nT
Sampling Rate: 0.2 Hz

GROUND INSTRUMENTATION

MAGNETIC BASE STATION

Magnetometer: GEOMETRICS
Base Station Location: (57°21.1930'N, 131°00.9750'W)

EM BASE STATION

Two orthogonal square coils
Coil dimensions: 3.5 metres each side
Coil orientation: Horizontal Dipole
Base Station Location: (57°18'00.5'N, 131°00'41.1 W')
Azimuth : AzA = N 62° E AzB = N 332° E

PROCESSING SUMMARY

MAGNETICS:

Diurnal Subtraction, microlevelling

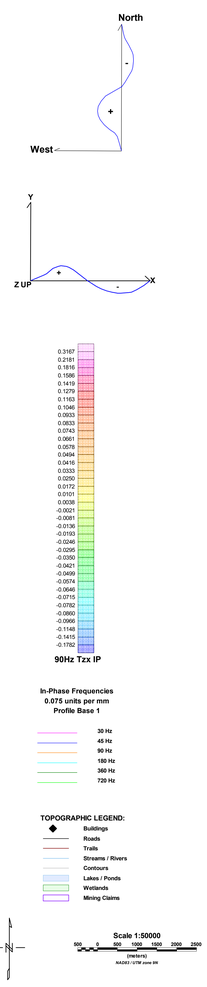
ZTEM:

Frequencies extracted: 30, 45, 90, 180, 360, 720Hz.
Sampling rate: 0.4 sec.
Rotation of the inphase part of the inline and orthogonal components (ZXloc and ZYloc)on to UTM Eastings and Northings.
Attitude correction applied, (calculated from 3 GPS recievers installed on aiborne coil).
DIV(TR) calculated: dXcomp/dX+dYcomp/dY for all 6 frequencies.
Phase Rotated Grids (90 deg) calculated from each individual X and Y component grids, for each individual frequency.

MAP PROJECTION

Datum: NAD83
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9N)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m
Major Axis: 6378137.0
Inverse Flattening: 298.25722
NTS: 104G02, 104G03, 104G04, 104G05, 104G06, 104G07

BC Geological Survey
Assessment Report
34783c



The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data
Background shading is derived from NASA SRTM (Shuttle Radar Topographic Mission) data
Inset data derived from DNA-GIS Geographic National Dataset for Canada at 1:10,000,000
Mining Claims are derived from the Government of British Columbia GeoBC topographic database (www.geogratis.ca)(www.dnia-gis.org)(www.geobc.gov.bc.ca)

Teck Resources Limited
Scud Block
Scud Peak, British Columbia, Canada

Geotech ZTEM System
Tzx (In-line) In-Phase Profiles over
90Hz Phase Rotated In-Phase Grid

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

October 2013

GEOTECH LTD.



SURVEY SPECIFICATIONS:

- Survey Flying Date: August 24, 2013 - September 13, 2013
- Survey Operations Base: Schaft Creek and Huron Camp, British Columbia, Canada
- Survey Line Spacing: 250 Meters
- Survey Line Direction: N 90° E / N 270° E
- Survey Tie Line Spacing: 2500 Meters
- Survey Tie Line Direction: N 0° E / N 180° E
- Helicopter Mean Terrain Clearance: 498 metres
- Mean Ground Air Speed: 25 metres/sec
- ZTEM airborne coil: towed at a mean distance of 70 m below the helicopter
- Airborne Magnetometer bird: towed at a mean distance of 55 m below the helicopter

HELICOPTER SPECIFICATIONS

- Helicopter Type: Aerospatiale A-Star 350 B3 (Registration C-FVTM)

AIRBORNE INSTRUMENTATION

- Survey Type: Helicopter Z-Axis Tipper Electromagnetic (ZTEM), Magnetic towed Bird
- GPS Receivers (4): NovAtel CDGPS enabled Propak V3-RT20
- GPS Receivers Location: One on the helicopter, three on EM coil
- Radar Altimeter: Terra TRA 3000/TRI 40
- Navigation: GEONAV.3
- AIRBORNE ELECTROMAGNETIC SYSTEM
  - Electromagnetic System: Geotech Z-Axis Tipper (ZTEM)
  - Coil dimensions: 7.4 metres diameter
  - Coil orientation: Vertical Dipole
  - Digitizing rate: 2000Hz
- AIRBORNE MAGNETOMETER
  - Magnetometer: GEOMETRICS
  - Magnetometer Sensitivity: +/- 0.02 nT
  - Sampling Rate: 0.2 Hz

GROUND INSTRUMENTATION

- MAGNETIC BASE STATION
  - Magnetometer: GEOMETRICS
  - Base Station Location: (57°21.1930'N, 131°00.9756'W)
- EM BASE STATION
  - Two orthogonal square coils
  - Coil dimensions: 3.5 metres each side
  - Coil orientation: Horizontal Dipole
  - Base Station Location: (57°18'00.0"N, 131°00'41.1 W")
  - Azimuth : AzA = N 67° E AzB = N 332° E

PROCESSING SUMMARY

- MAGNETICS:
  - Diurnal Subtraction, microlevelling
- ZTEM:
  - Frequencies extracted: 30, 45, 90, 180, 360, 720Hz.
  - Sampling rate: 0.4 sec.
  - Rotation of the in/base part of the inline and orthogonal components (Z/Xloc and Z/Yloc)on to UTM Eastings and Northings.
  - Attitude correction applied, (calculated from 3 GPS recievers installed on airborne coil).
  - DIV(Tilt) calculated: dXcomp/dX+dYcomp/dY for all 6 frequencies.
  - Phase Rotated Grids (90 deg) calculated from each individual X and Y component grids, for each individual frequency.

MAP PROJECTION

- Datum: NAD83
- Projection: Universal Transverse Mercator
- Central Meridian: 129°W (Zone 9N)
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000mn/0m
- Major Axis: 6378137.0
- Inverse Flattening: 298.28722
- NTS: 104O02, 104O03, 104O04, 104G05, 104G06, 104G07

North
West
Y
X
Z UP

0.1356
0.1195
0.1064
0.0958
0.0866
0.0782
0.0703
0.0626
0.0556
0.0491
0.0430
0.0369
0.0308
0.0256
0.0207
0.0160
0.0114
0.0071
0.0025
-0.0017
-0.0061
-0.0109
-0.0160
-0.0210
-0.0261
-0.0310
-0.0360
-0.0407
-0.0454
-0.0501
-0.0553
-0.0611
-0.0671
-0.0736
-0.0817
-0.0902
-0.0993
-0.1175

90Hz Tzx QD

Quadrature Frequencies
0.6 units per mm
Profile Base 1

- 30 Hz
- 45 Hz
- 90 Hz
- 180 Hz
- 360 Hz
- 720 Hz

TOPOGRAPHIC LEGEND:

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

Scale 1:50000

500 0 500 1000 1500 2000 2500

(metres)
NAD83 / UTM zone 9N

The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data
Background shading is derived from NASA SRTM (Shuttle Radar Topographic Mission) data
Inset data derived from DIVA-GIS Geographic National Dataset for Canada at 1:10,000,000
Mining Claims are derived from the Government of British Columbia GeoBC topographic database
(www.geographx.ca)(www.diva-gis.org)(www.geobc.gov.bc.ca)

Teck Resources Limited
Scud Block
Scud Peak, British Columbia, Canada

Geotech ZTEM System
Tzx (In-line) Quadrature Profiles over
90Hz Phase Rotated Quadrature Grid

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

October 2013

Geotech Project # GL130332

GEOTECH LTD.



SURVEY SPECIFICATIONS:

- **Survey Flying Date: August 24, 2013 - September 13, 2013**
- **Survey Operations Base: Schaft Creek and Huron Camp, British Columbia, Canada**
- **Survey Line Spacing: 200 Meters**
- **Survey Line Direction: N 90° E / N 270° E**
- **Survey Tie Line Spacing: 2500 Meters**
- **Survey Tie Line Direction: N 0° E / N 180° E**
- **Helicopter Mean Terrain Clearance: 498 metres**
- **Mean Ground Air Speed: 25 metres/sec**
- **ZTEM airborne coil: towed at a mean distance of 70 m below the helicopter**
- **Airborne Magnetometer bird: towed at a mean distance of 55 m below the helicopter**

HELICOPTER SPECIFICATIONS

- **Helicopter Type: Aerospatiale A-Star 350 B3 (Registration C-FVTM)**

AIRBORNE INSTRUMENTATION

- **Survey Type: Helicopter Z-Axis Tipper Electromagnetic (ZTEM), Magnetic towed Bird**
- **GPS Receivers (4): NovAtel CDGPS enabled Propak V3-RT20**
- **GPS Receivers Location: One on the helicopter, three on EM coil**
- **Radar Altimeter: Terra TRA 3000/TRI 40**
- **Navigation: GEONAV-3**
- **AIRBORNE ELECTROMAGNETIC SYSTEM**
- **Electromagnetic System: Geotech Z-Axis Tipper (ZTEM)**
- **Coil dimensions: 7.4 metres diameter**
- **Coil orientation: Vertical Dipole**
- **Digitising rate: 2000Hz**
- **AIRBORNE MAGNETOMETER**
- **Magnetometer: GEOMETRICS**
- **Magnetometer Sensitivity: +/- 0.02 nT**
- **Sampling Rate: 0.2 Hz**

GROUND INSTRUMENTATION

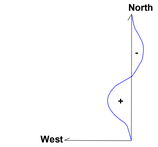
- **MAGNETIC BASE STATION**
- **Magnetometer: GEOMETRICS**
- **Base Station Location: (57°21.1930'N, 131°00.9750'W)**
- **EM BASE STATION**
- **Two orthogonal square coils**
- **Coil dimensions: 3.5 metres each side**
- **Coil orientation: Horizontal Dipole**
- **Base Station Location: (57°18'00.5'N, 131°00'41.1 W')**
- **Azimuth: (Az) A = N 62° E/ AzB = N 332° E**

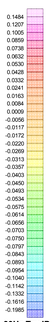
PROCESSING SUMMARY

- **MAGNETICS:**
- **Diurnal Subtraction, microlevelling**
- **ZTEM:**
- **Frequencies extracted: 30, 45, 90, 180, 360, 720Hz.**
- **Sampling rate: 0.4 sec.**
- **Rotation of the inphase part of the inline and orthogonal components (ZXioc and ZYioc)on to UTM Eastings and Northings.**
- **Attitude correction applied, (calculated from 3 GPS recievers installed on alborne coil).**
- **DIV(TIB) calculated: dXcompx/dY+dYcompy/dY for all 6 frequencies.**
- **Phase Rotated Grids (90 deg) calculated from each individual X and Y component grids, for each individual frequency.**

MAP PROJECTION

- **Datum: NAD83**
- **Projection: Universal Transverse Mercator**
- **Central Meridian: 129°W (Zone 9N)**
- **Central Scale Factor: 0.9996**
- **False Easting/Northing: 500,000mN/0m**
- **Major Axis: 6378137.0**
- **Inverse Flattening: 298.25722**
- **NTS: 104G02, 104G03, 104G04, 104G05, 104G06, 104G07**





In-Phase Frequencies
0.075 units per mm
Profile Base 1

- **30 Hz**
- **45 Hz**
- **90 Hz**
- **180 Hz**
- **360 Hz**
- **720 Hz**

TOPOGRAPHIC LEGEND:

- **Buildings**
- **Roads**
- **Trails**
- **Streams / Rivers**
- **Contours**
- **Lakes / Ponds**
- **Wetlands**
- **Mining Claims**

Scale 1:50000

500 0 500 1000 1500 2000 2500

(Metres)

NAD83 / UTM zone 9N

The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data
Background shading is derived from NASA (SRTM (Shuttle Radar Topographic Mission) data
Base Station Magnetic Declination from NRC for Canada at 1:10,000,000
Mining Claims are derived from the Government of British Columbia GeoBC topographic database
(www.geographi.ca)(www.diva-gis.org)(www.geobc.gov.bc.ca)

Teck Resources Limited
Scud Block
Scud Peak, British Columbia, Canada

Geotech ZTEM System
Tzy (Cross-line) In-Phase Profiles over 90Hz Phase Rotated In-Phase Grid

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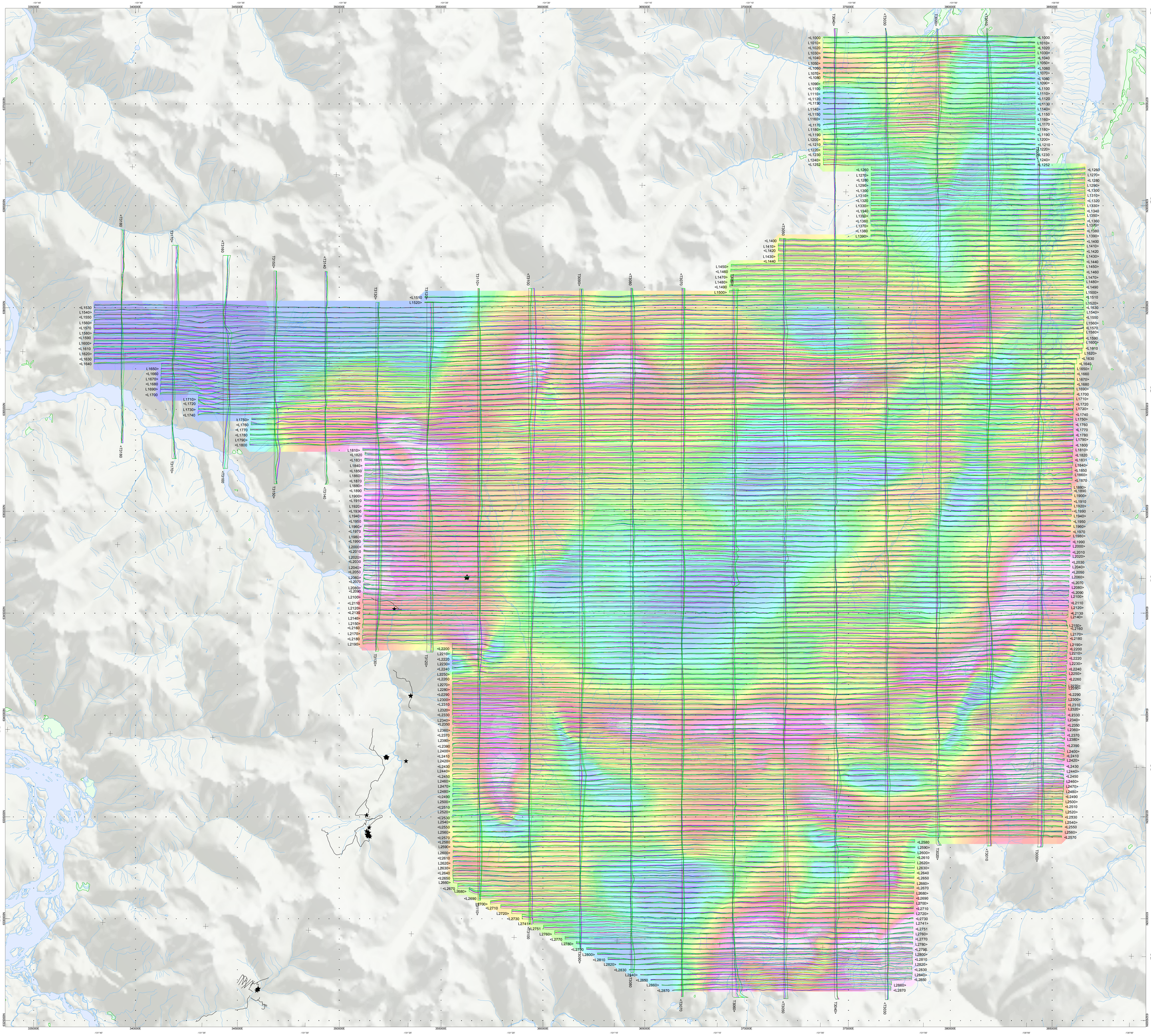
Aurora, Ontario, Canada L4G 4C4
www.geotech.ca

October 2013

Geotech Project # 13-0332



GEOTECH LTD.



SURVEY SPECIFICATIONS:

Survey Flying Date: August 24, 2013 - September 13, 2013
Survey Operations Base: Schaft Creek and Huron Camp, British Columbia, Canada
Survey Line Spacing: 250 Meters
Survey Line Direction: N 90° E / N 270° E
Survey Tie Line Spacing: 2500 Meters
Survey Tie Line Direction: N 0° E / N 180° E
Helicopter Mean Terrain Clearance: 498 metres
Mean Ground Air Speed: 25 metres/sec
ZTEM airborne coil: towed at a mean distance of 70 m below the helicopter
Airborne Magnetometer bird: towed at a mean distance of 55 m below the helicopter

HELICOPTER SPECIFICATIONS

Helicopter Type: Aerospatiale A-Star 350 B3 (Registration C-FVTM)

AIRBORNE INSTRUMENTATION

Survey Type: Helicopter Z-Axis Tipper Electromagnetic (ZTEM), Magnetic towed Bird
GPS Receivers (4): NovAtel CDGPS enabled Propak V3-RT20
GPS Receivers Location: One on the helicopter, three on EM coil
Radar Altimeter: Terra TRA 3000/TRI 40
Navigation: GEONAV-3

AIRBORNE ELECTROMAGNETIC SYSTEM

Electromagnetic System: Geotech Z-Axis Tipper (ZTEM)
Coil dimensions: 7.4 metres diameter
Coil orientation: Vertical Dipole
Digitizing rate: 2000Hz

AIRBORNE MAGNETOMETER

Magnetometer: GEOMETRICS
Magnetometer Sensitivity: +/- 0.02 nT
Sampling Rate: 0.2 Hz

GROUND INSTRUMENTATION

MAGNETIC BASE STATION

Magnetometer: GEOMETRICS
Base Station Location: (57°21.1930'N, 131°00.9750'W)

EM BASE STATION

Two orthogonal square coils
Coil dimensions: 3.5 metres each side
Coil orientation: Horizontal Dipole
Base Station Location: (57°18'00.5'N, 131°00'41.1 W')
Azimuth : AzA = N 62° E AzB = N 332° E

PROCESSING SUMMARY

MAGNETICS:

Diurnal Subtraction, microlevelling

ZTEM:

Frequencies extracted: 30, 45, 90, 180, 360, 720Hz.
Sampling rate: 0.4 sec.
Rotation of the inphase part of the inline and orthogonal components (ZXloc and ZYloc)on to UTM Eastings and Northings.
Attitude correction applied, (calculated from 3 GPS recievers installed on aiborne coil).
DIV(TIlt) calculated: dXcomp/dX+dYcomp/dY for all 6 frequencies.
Phase Rotated Grids (90 deg) calculated from each individual X and Y component grids, for each individual frequency.

MAP PROJECTION

Datum: NAD83
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9N)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m
Major Axis: 6378137.0
Inverse Flattening: 298.25722
NTS: 104G02, 104G03, 104G04, 104G05, 104G06, 104G07

North
West
Y
Z UP
X

0.0711
0.0584
0.0498
0.0420
0.0349
0.0290
0.0240
0.0192
0.0144
0.0102
0.0061
0.0023
-0.0015
-0.0056
-0.0089
-0.0122
-0.0152
-0.0184
-0.0215
-0.0245
-0.0277
-0.0309
-0.0340
-0.0370
-0.0404
-0.0441
-0.0478
-0.0517
-0.0558
-0.0601
-0.0644
-0.0691
-0.0742
-0.0807
-0.0886
-0.1013
-0.1224
-0.1860

90Hz Tzy QD

Quadrature Frequencies
0.05 units per mm
Profile Base 1

30 Hz
45 Hz
90 Hz
180 Hz
360 Hz
720 Hz

TOPOGRAPHIC LEGEND:

Buildings
Roads
Trails
Streams / Rivers
Contours
Lakes / Ponds
Wetlands
Mining Claims

Scale 1:50000
500 0 500 1000 1500 2000 2500
(meters)
NAD83 / UTM zone 9N

The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data
Background shading is derived from NASA SRTM (Shuttle Radar Topographic Mission) data
Inset data derived from DWA-GIS Geographic National Dataset for Canada at 1:10,000,000
Mining Claims are derived from the Government of British Columbia GeoBC topographic database
(www.geogratis.ca)(www.dwa-gis.org)(www.geobc.gov.bc.ca)

Teck Resources Limited
Scud Block
Scud Peak, British Columbia, Canada

Geotech ZTEM System
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October 2013

GEOTECH LTD.



SURVEY SPECIFICATIONS:

- Survey Flying Date: August 24, 2013 - September 13, 2013
- Survey Operations Base: Schaft Creek and Huron Camp, British Columbia, Canada
- Survey Line Spacing: 250 Meters
- Survey Line Direction: N 90° E / N 270° E
- Survey Tie Line Spacing: 2500 Meters
- Survey Tie Line Direction: N 0° E / N 180° E
- Helicopter Mean Terrain Clearance: 498 metres
- Mean Ground Air Speed: 25 metres/sec
- ZTEM airborne coil: towed at a mean distance of 70 m below the helicopter
- Airborne Magnetometer bird: towed at a mean distance of 55 m below the helicopter

HELICOPTER SPECIFICATIONS

- Helicopter Type: Aerospatiale A-Star 350 B3 (Registration C-FVTM)

AIRBORNE INSTRUMENTATION

- Survey Type: Helicopter Z-Axis Tipper Electromagnetic (ZTEM), Magnetic towed Bird
- GPS Receivers (4): NovAtel CDGPS enabled Propak V3-RT20
- GPS Receivers Location: One on the helicopter, three on EM coil
- Radar Altimeter: Terra TRA 3000/TRI 40
- Navigation: GEONAV-3
- AIRBORNE ELECTROMAGNETIC SYSTEM
  - Electromagnetic System: Geotech Z-Axis Tipper (ZTEM)
  - Coil dimensions: 7.4 metres diameter
  - Coil orientation: Vertical Dipole
  - Digitizing rate: 2000Hz
- AIRBORNE MAGNETOMETER
  - Magnetometer: GEOMETRICS
  - Magnetometer Sensitivity: +/- 0.02 nT
  - Sampling Rate: 0.2 Hz

GROUND INSTRUMENTATION

- MAGNETIC BASE STATION
  - Magnetometer: GEOMETRICS
  - Base Station Location: (57°21.1930'N, 131°00.9756'W)
- EM BASE STATION
  - Two orthogonal square coils
  - Coil dimensions: 3.5 metres each side
  - Coil orientation: Horizontal Dipole
  - Base Station Location: (57°18'00.0"N, 131°00'41.1 W")
  - Azimuth : A/A = N 62° E A/B = N 332° E

PROCESSING SUMMARY

- MAGNETICS:
  - Diurnal Subtraction, microlevelling
- ZTEM:
  - Frequencies extracted: 30, 45, 90, 180, 360, 720Hz.
  - Sampling rate: 0.4 sec.
  - Rotation of the inphase part of the inline and orthogonal components (ZXioc and ZYioc)on to UTM Eastings and Northings.
  - Attitude correction applied, (calculated from 3 GPS recievers installed on airborne coil).
  - DIV(Tilt) calculated: dXcomp/dX+dYcomp/dY for all 6 frequencies.
  - Phase Rotated Grids (90 deg) calculated from each individual X and Y component grids, for each individual frequency.

MAP PROJECTION

- Datum: NAD83
- Projection: Universal Transverse Mercator
- Central Meridian: 129°W (Zone 9N)
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000mN/m
- Major Axis: 6378137.0
- Inverse Flattening: 298.28722
- NTS: 104O02, 104O03, 104O04, 104O05, 104G06, 104G07

DEM (m)

TOPOGRAPHIC LEGEND:

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

Scale 1:50000

500 0 500 1000 1500 2000 2500 (meters)

NAD83 / UTM zone 9N

The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data
Background shading is derived from NASA SRTM (Shuttle Radar Topographic Mission) data
Inset data derived from DRA-GIS Geographic National Dataset for Canada at 1:10,000,000
Mining Claims are derived from the Government of British Columbia GeoBC topographic database
(www.geobats.ca)(www.dra-gis.org)(www.geobc.gov.bc.ca)

Teck Resources Limited
Scud Block
Scud Peak, British Columbia, Canada

Geotech ZTEM System
Digital Elevation Model
(DEM)

Flown and processed by Geotech Ltd.
245 Industrial Parkway North,
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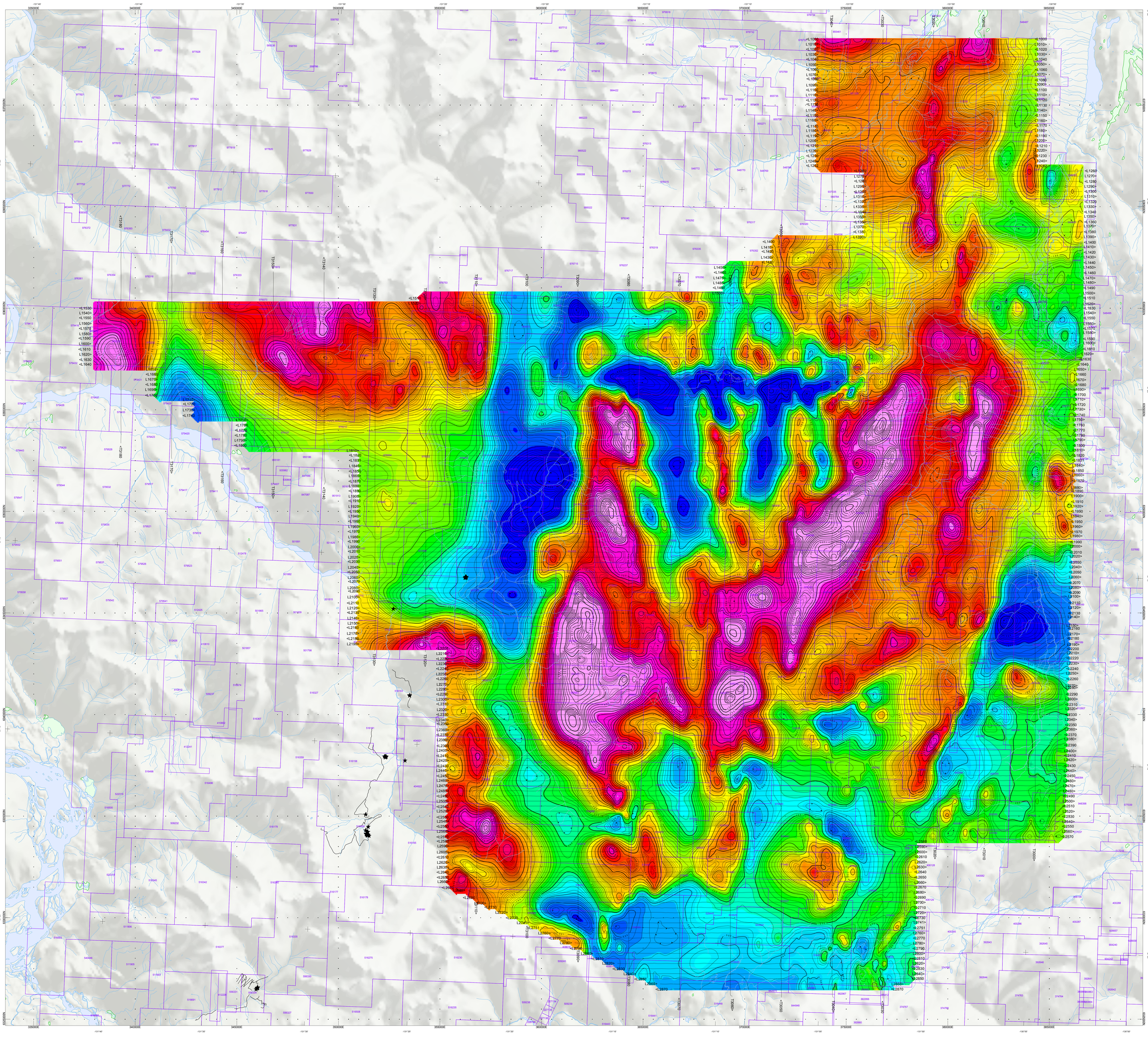
www.geotech.ca

October 2013

Geotech Project # 13-1033



GEOTECH LTD.



SURVEY SPECIFICATIONS:

Survey Flying Date: August 24, 2013 - September 13, 2013
Survey Operations Base: Schaft Creek and Huron Camp, British Columbia, Canada
Survey Line Spacing: 250 Meters
Survey Line Direction: N 90° E / N 270° E
Survey Tie Line Spacing: 2500 Meters
Survey Tie Line Direction: N 0° E / N 180° E
Helicopter Mean Terrain Clearance: 498 metres
Mean Ground Air Speed: 25 metres/sec
ZTEM airborne coil: towed at a mean distance of 70 m below the helicopter
Airborne Magnetometer bird: towed at a mean distance of 55 m below the helicopter

HELICOPTER SPECIFICATIONS

Helicopter Type: Aerospatiale A-Star 350 B3 (Registration C-FVTM)

AIRBORNE INSTRUMENTATION

Survey Type: Helicopter Z-Axis Tipper Electromagnetic (ZTEM), Magnetic towed Bird
GPS Receivers (4): NovAtel CDGPS enabled Propak V3-RT20
GPS Receivers Location: One on the helicopter, three on EM coil
Radar Altimeter: Terra TRA 3000/TRI 40
Navigation: GEONAV-3

AIRBORNE ELECTROMAGNETIC SYSTEM

Electromagnetic System: Geotech Z-Axis Tipper (ZTEM)
Coil dimensions: 7.4 metres diameter
Coil orientation: Vertical Dipole
Digitizing rate: 2000Hz

AIRBORNE MAGNETOMETER

Magnetometer: GEOMETRICS
Magnetometer Sensitivity: +/- 0.02 nT
Sampling Rate: 0.2 Hz

GROUND INSTRUMENTATION

MAGNETIC BASE STATION

Magnetometer: GEOMETRICS
Base Station Location: (57°21.1930'N, 131°00.9750'W)

EM BASE STATION

Two orthogonal square coils
Coil dimensions: 3.5 metres each side
Coil orientation: Horizontal Dipole
Base Station Location: (57°18'00.5'N, 131°00'41.1 W')
Azimuth : AzA = N 62° E AzB = N 332° E

PROCESSING SUMMARY

MAGNETICS:

Diurnal Subtraction, microlevelling

ZTEM:

Frequencies extracted: 30, 45, 90, 180, 360, 720Hz.
Sampling rate: 0.4 sec.
Rotation of the inphase part of the inline and orthogonal components (Z/Xloc and Z/Yloc)on to UTM Eastings and Northings.
Attitude correction applied, (calculated from 3 GPS recievers installed on aiborne coil).
DIV(Tilt) calculated: dXcomp/dX+dY/comp/dY for all 6 frequencies.
Phase Rotated Grids (90 deg) calculated from each individual X and Y component grids, for each individual frequency.

MAP PROJECTION

Datum: NAD83
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9N)
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False Easting/Northing: 500,000m/0m
Major Axis: 6378137.0
Inverse Flattening: 298.25722
NTS: 104G02, 104G03, 104G04, 104G05, 104G06, 104G07



TOPOGRAPHIC LEGEND:

Buildings
Roads
Trails
Streams / Rivers
Contours
Lakes / Ponds
Wetlands
Mining Claims

TMI Contour Intervals:

10 nT
50 nT
250 nT

Scale 1:50000

500 0 500 1000 1500 2000 2500
(meters)
NAD83 / UTM zone 9N

The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data
Background shading is derived from NASA SRTM (Shuttle Radar Topographic Mission) data
Inset data derived from DNA-GIS Geographic Natural Dataset for Canada at 1:10,000,000
Mining Claims are derived from the Government of British Columbia GeoBC topographic database
(www.geographic.ca)(www.dna-gis.org)(www.geobc.gov.bc.ca)

Teck Resources Limited
Scud Block
Scud Peak, British Columbia, Canada

Geotech ZTEM System
Total Magnetic Intensity (TMI)

Flown and processed by Geotech Ltd.
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October 2013