GEOTECH LTD.



SURVEY SPECIFICATIONS:

- Survey Flying Date: August 24, 2013 - September 13, 2013
- Survey Operations Base: Schuft 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: 486 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 V/I-RT2b
- 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°21.1933'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 (ZXXic and ZYYic)on to UTM Eastings and Northings.
  - Attitude correction applied, (calculated from 3 GPS recievers installed on aborne coil).
  - DVI(Tilt) calculated: dIComp/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

0.3470
0.3012
0.2617
0.2323
0.2130
0.1915
0.1720
0.1593
0.1432
0.1282
0.1171
0.1036
0.0931
0.0807
0.0695
0.0591
0.0474
0.0361
0.0270
0.0159
0.0047
-0.0042
-0.0153
-0.0255
-0.0356
-0.0459
-0.0580
-0.0680
-0.0802
-0.0926
-0.1021
-0.1166
-0.1277
-0.1428
-0.1587
-0.1724
-0.1914
-0.2125
-0.2318
-0.2612
-0.3005
-0.3465

IP DT
(1000*T/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 9W

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
Interpreted data is from Geological Survey Branch, Ministry of Energy, Mines and Petroleum Resources of British Columbia and Canada at 1:10,000,000
Mining Claims are derived from the Mineral Titles Online of British Columbia GeoBC topographic database
(www.geobc.gov.bc.ca) (www.mtonline.gov.bc.ca) (www.geobc.gov.bc.ca)

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

Geotech ZTEM System
30Hz In-Phase Total Divergence (DT)

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

October 2013

Geotech Project # 13-10032

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: 28 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°21.1303'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°19'00.0'N, 131°00'41.1 W')
- Azimuth ; AzA = N 63° E AzB = N 333° 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 (ZXcc and ZYtocom to UTM Eastings and Northings.
- Attitude correction applied, (calculated from 3 GPS recievers installed on airborne coil).
- DW(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: 500,000mm/0m
- Major Axis: 6378137.0
- Inverse Flattening: 298.25722
- NTS: 104O02, 104O03, 104O04, 104O05, 104O06, 104O07

IP TPR
(1000*1/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 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.geographi.ca)(www.diva-gis.org)(www.geobc.gov.bc.ca)

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

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30Hz In-Phase Total Phase Rotated (TPR)

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

October 2013

Geotech Project # GL13032

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**
- **ARBORNE ELECTROMAGNETIC SYSTEM**
  - **Electromagnetic System: Geotech Z-Axis Tipper (ZTEM)**
  - **Coil dimensions: 7.4 metres diameter**
  - **Coil orientation: Vertical Dipole**
  - **Digitizing rate: 2000Hz**
- **ARBORNE 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°18'06.5"N, 131°00'41.1 W")**
  - **Azimuth: : AZA = N 62° E AxB = 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.**
  - **Altitude correction applied, (calculated from 3 GPS recievers installed on aborne coil).**
  - **DN(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
347883b



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 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.geogratis.ca)(www.diva-gis.org)(www.geobc.gov.bc.ca)

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

Geotech ZTEM System
360Hz In-Phase Total Divergence
(DT)

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

October 2013

Geotech Project # GL13232

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: 400 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 65 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 OEMV-3 GPS receivers with Omnistar HP/XP enabled
- 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 (ZXioc and ZYioc)on to UTM Eastings and Northings.
  - Attitude correction applied, (calculated from 3 GPS recievers installed on airborne 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

IP TPR
(1000*1/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 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.geogratis.ca)(www.diva-gis.org)(www.geobc.gov.bc.ca)

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Scud Peak, British Columbia, Canada

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360Hz In-Phase Total Phase Rotated (TPR)

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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: 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°21.193l7'N, 131°00.975l0'W)
- EM BASE STATION
- Two orthogonal square coils
- Coil dimensions: 3.5 metres each side
- Coil orientation: Horizontal Dipole
- Base Station Location: (57°18'00.57N, 131°00'41.1 W')
- Azimuth : AzA = N 42° 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/hase part of the inline and orthogonal components (ZXIoc and ZYIocion to UTM Eastings and Northings.
- Attitude correction applied, (calculated from 3 GPS reclevers installed on alborne coll).
- DN(TM) calculated: dDcomp(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: 298.25722
- NTS: 104G02, 104G03, 104G04, 104G05, 104G06, 104G07

IP DT (1000*1/m)

0.3470
0.3012
0.2617
0.2323
0.2130
0.1919
0.1729
0.1593
0.1433
0.1282
0.1171
0.1036
0.0931
0.0807
0.0685
0.0591
0.0474
0.0361
0.0270
0.0159
0.0047
-0.0042
-0.0153
-0.0265
-0.0356
-0.0469
-0.0586
-0.0680
-0.0802
-0.0926
-0.1031
-0.1166
-0.1277
-0.1428
-0.1587
-0.1724
-0.1914
-0.2125
-0.2316
-0.2612
-0.3007
-0.3469

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 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.geographic.ca)(www.diva-gis.org)(www.geobc.gov.bc.ca.)

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Scud Block
Scud Peak, British Columbia, Canada

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90Hz In-Phase Total Divergence (DT)

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www.geotech.ca

October 2013

Geotech Project # GL19332

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: 486 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 As-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 3500/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: AxA = N 67° E AxB = 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/phase 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(TIR) calculated: dX/dx=dY/dY+dTr/dz=0? 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

IP TPR
(1000*1/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

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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.geobase.ca)(www.diva-gis.org)(www.geobc.gov.bc.ca)

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

Geotech ZTEM System
90Hz In-Phase Total Phase Rotated (TPR)

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October 2013

Geotech Project #13232