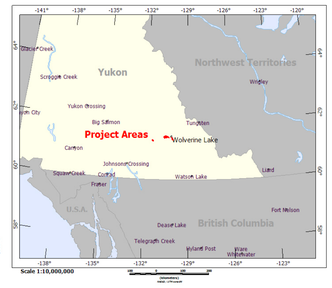
GEOTECH
AIRBORNE GEOPHYSICAL SURVEYS



SURVEY SPECIFICATIONS:
- Survey Date: April 23rd - July 31st, 2016
- Survey Base: KZK Camp, Yukon
- Aircraft: Aerospatiale A-star 350 B3 C-GTNI / C-PVTM
- Survey Line Spacing: 150 metres
- Survey Line Direction: N 0° E / N 180° E
- Tie Line Spacing: 1500 metres
- Tie Line Direction: N 90° E / N 270° E
- Average Aircraft Terrain Clearance: 147 meters
- EM Transmitter Loop: Towed at an average terrain clearance of 31 meters below the helicopter
- 2 Magnetic Sensors: Towed at an average terrain clearance of 21 meters below the helicopter

INSTRUMENTS
- Geotech Time Domain Electromagnetic System (VTEM)
- Concentric Rx/Tx Geometry
- X-Coil Diameter 0.32m
- Z-Coil Diameter 1.2m
- Transmitter Loop: Diameter 26 Meters
- Dipole Moment: 401,382 nIA
- Transmitter Waveform: Trapezoid, Pulse Width 7.34 ms, Base Frequency 30 Hz
- Geometrics High Sensitivity Caesium Magnetic Sensors
- Magnetic Resolution: 0.02 nT at (10Hz)

MAP PROJECTION
- Datum: NAD83
- Projection: Universal Transverse Mercator zone 9N
- Central Meridian: 129°W
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000m/0m
- Major Axis: 6378137
- Inverse Flattening: 298.25722
- NTS: 105G05, 105G06

TMI (nT)
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Profiles scale 1 mm = 0.08 (pV*ms)/(A*m^4)
(Linear between +/- 0.5 (pV*ms)/(A*m^4)
logarithmic above 0.5 (pV*ms)/(A*m^4)

- 0.220 ms (B-field)
- 0.253 ms (B-field)
- 0.290 ms (B-field)
- 0.333 ms (B-field)
- 0.383 ms (B-field)
- 0.440 ms (B-field)
- 0.505 ms (B-field)
- 0.580 ms (B-field)
- 0.667 ms (B-field)
- 0.766 ms (B-field)
- 0.880 ms (B-field)
- 1.010 ms (B-field)
- 1.161 ms (B-field)
- 1.333 ms (B-field)
- 1.531 ms (B-field)
- 1.760 ms (B-field)
- 2.021 ms (B-field)
- 2.323 ms (B-field)
- 2.667 ms (B-field)
- 3.063 ms (B-field)
- 3.521 ms (B-field)
- 4.042 ms (B-field)
- 4.641 ms (B-field)
- 5.333 ms (B-field)
- 6.125 ms (B-field)
- 7.036 ms (B-field)

TOPOGRAPHIC LEGEND:
- Trails
- Streams / Rivers
- Contours
- Lakes / Ponds
- Wetlands

Scale 1:10000
100 0 100 200 300 400 500
(meters)
NAD83 / UTM zone 9N

The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data (www.geogratis.ca).
Background shading is derived from NASA SRTM (Shuttle Radar Topographic Mission) data
Inset data derived from Geocommunities 1:250,000 (www.geocomm.com)
and Natural Earth 1:10,000,000 database (www.naturalearthdata.com/downloads/).

BMC Minerals (No.1) Ltd
Wolf
Wolverine Lake, Yukon

Geotech VTEM System

VTEM B-Field Z Component Profiles
Time Gates 0.220 - 7.036 ms
over Total Magnetic Intensity

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