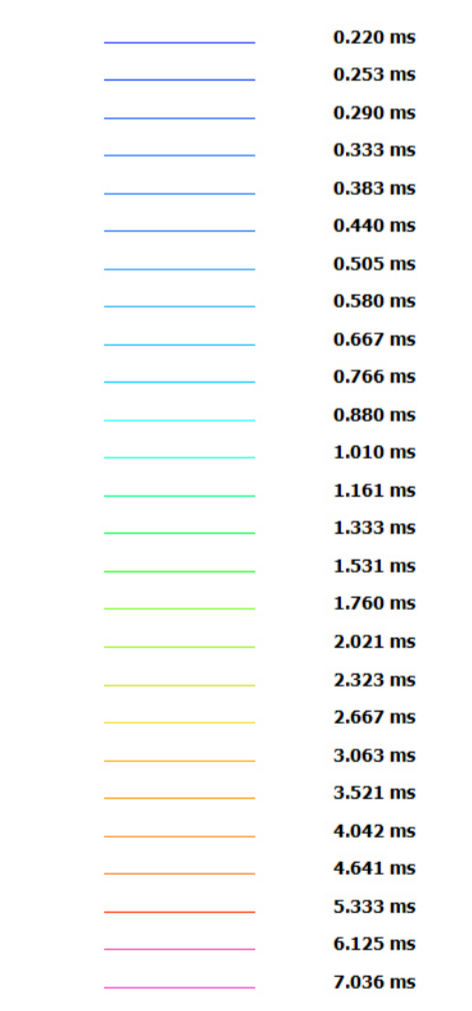


**SURVEY SPECIFICATIONS:**  
 Survey Date: April 23rd - July 31st, 2016  
 Survey Base: KZX Camp, Yukon  
 Aircraft: Aerospaciale A-star 350 B3 C-GTNI / C-FVTM  
 Survey Line Spacing: 150 metres  
 Survey Line Direction: N 48° E / N 228° E  
 Tie Line Spacing: 1500 metres  
 Tie Line Direction: N 138° E / N 318° E  
 Average Aircraft Terrain Clearance: 94 metres  
 EM Transmitter: Towed at an average terrain clearance of 21 metres below the helicopter  
 2 Magnetic Sensors: Towed at an average terrain clearance of 21 metres below the helicopter

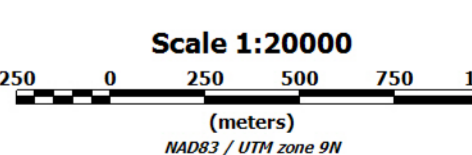
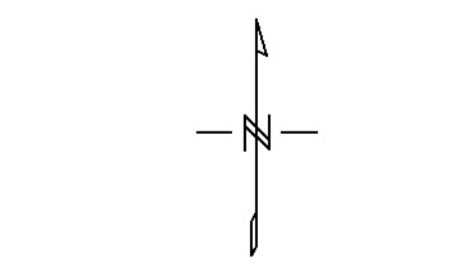
**INSTRUMENTS**  
 Geotech Time Domain Electromagnetic System (VTEM)  
 Concentric Rx/Tx Geometry  
 Y Coil Diameter 0.32m  
 Z Coil Diameter 1.2m  
 Transmitter Loop: Diameter 26 Metres  
 Dipole Moment: 401,382 nA  
 Transmitter Waveform: Trapezoid, Pulse Width 7.34 ms, Base Frequency 30 Hz  
 Geometrics High Sensitivity Cesium 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: 105G08

Profiles scale 1 mm = 0.25 (pV/A\*m<sup>-4</sup>)  
 Linear between +/- 0.5 (pV/A\*m<sup>-4</sup>)  
 Logarithmic above 0.5 (pV/A\*m<sup>-4</sup>)



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



The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data (www.geoparcs.ca).  
 Background shading is derived from NASA SRTM (Shuttle Radar Topographic Mission) data (www.geocomm.com).  
 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**  
 Pelly  
 Wolverine Lake, Yukon

Geotech VTEM System  
 VTEM dB/dt Z Component Profiles  
 Time Gate 0.220 - 7.036 ms

Flown and processed by Geotech Ltd.  
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 www.geotech.ca

October 2016

