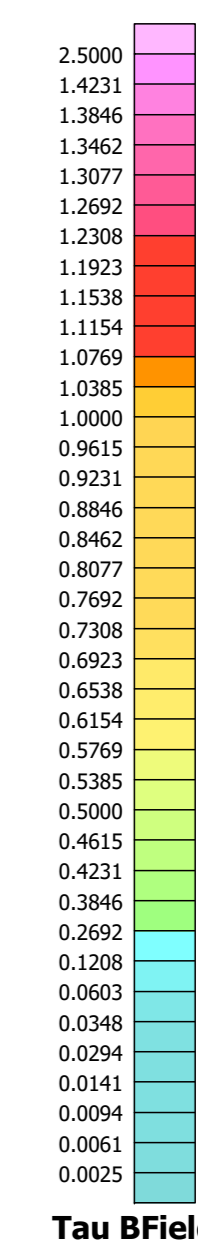


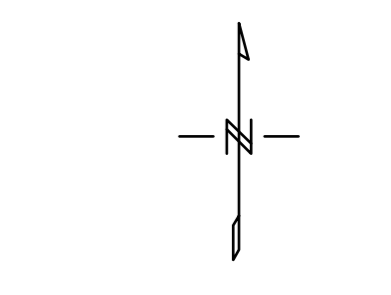
**SURVEY SPECIFICATIONS:**  
 Survey Date: January 29th to February 14th, 2018  
 Survey Base: Label-Sur-Quebec, QC  
 Aircraft: Aerospaciale A-Star 350 B3 (C-FHCH)  
 Survey Line Spacing: 100 Meters  
 Tie Line Spacing: 1000 Meters  
 Tie Line Direction: N 0° E / N 180° E - N 90° E / N 270° E  
 Average Aircraft Terrain Clearance: 84 Meters  
 EM Transmitter Loop: Towed at an average terrain clearance of 36 meters below the helicopter  
 Magnetic Sensor: Towed at an average terrain clearance of 10 meters below the helicopter

**INSTRUMENTS**  
 Geotech Time Domain Electromagnetic System (VTM)  
 Concentric Rx/Tx Geometry  
 X-Coil Diameter 0.32m  
 Z-Coil Diameter 1.2m  
 Transmitter Loop: Diameter 26 Meters  
 Dipole Moment: 401,220 nA  
 Transmitter Wave Form: Trapezoid, Pulse Width 7.00 ms, Base Frequency 30 Hz  
 Geometrics High Sensitivity Magnometers  
 Mag Resolution: 0.02 nT at 10 samples/sec

**MAP PROJECTION**  
 Datum: NAD83  
 Projection: Universal Transverse Mercator  
 Central Meridian: 75°W (Zone 18N)  
 Central Scale Factor: 0.9995  
 False Easting/Northing: 500,000m  
 Major Axis: 6378137.000  
 Inverse Flattening: 298.25722



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



The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data  
 Background shading is derived from NGA SRTM (Shuttle Radar Topography Mission) data  
 Trust data derived from Geocommunes 1:250,000 Canadian National Topographic database  
 (www.geocomm.com/www.geoparis.ca)

**Melkor Resources Inc.**  
 Maseres  
 Urban-Barry, Quebec  
 Geotech VTEM System

**BField Calculated Time Constant (Tau)**

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

May, 2018