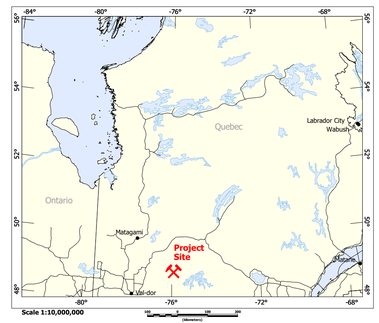
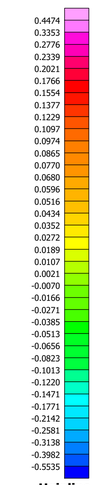
GEOTECH
AIRBORNE GEOPHYSICAL SURVEYS



SURVEY SPECIFICATIONS:
- Survey Date: January 29th to February 14th, 2018
- Survey Base: Lebel-Sur-Quevillon, QC
- Aircraft: Aerospatiale A-Star 350 B3 (C-FHCH)
- Survey Line Spacing: 100 Meters
- Survey Line Direction: N 0° E / N 180° E - N 90° E / N 270° E
- Tie Line Spacing: 1000 Meters
- Tie Line Direction: N 90° E / N 270° E - N 0° E / N 180° 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 (VTEM)
- Concentric Rx/Tx Geometry
- X-Coil Diameter 0.32m
- Z-Coil Diameter 1.2m
- Transmitter Loop: Diameter 26 Meters
- Dipole Moment: 401,220 nIA
- Transmitter Wave Form: Trapezoid, Pulse Width 7.09 ms, Base Frequency 30 Hz
- Geometrics High Sensitivity Caesium Magnetometers
- 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: 0.9996
- False Easting/Northing: 500,000m
- Major Axis: 6378137.000
- Inverse Flattening: 298.25722



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

Scale 1:25000
250 0 250 500 750 1000 1250
(meters)
NAD83 / UTM zone 18N

The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTDB data
Background shading is derived from NASA SRTM (Shuttle Radar Topography Mission) data
Inset data derived from Geocommunities 1:250,000 Canadian National Topographic database
(www.geocomm.com)(www.geogratis.ca)

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Maseres
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Geotech VTEM System

In-line Gradient

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