



GEOTECH LTD.

Survey Specifications:
Date Flown August 25-30, 2007
Survey Base: Dawson City, YT
Aircraft: Ashtech B3 Helicopter, Registration C-GTFX
Nominal Flight Line Spacing: 100 metres
Nominal Flight Line Direction: N00°E/N10°W
Nominal Tie Line Spacing: 1000 metres
Nominal Tie Line Direction: N00°E/N27°W
Nominal helicopter terrain clearance: 120 metres
EM Loop is 35 metres under helicopter
Magnetic sensor is 15 metres under helicopter

Instruments:
Geotech Time Domain Electromagnetic System (VTEM) with concentric Rx/Tx geometry
Transmitter Loop Diameter: 25 m, Base Frequency 30 Hz
Dipole Moment approx. 400,000 NA
Transmitter Wave Form: Trapezoid, Pulse Width 7.26 ms
Geometrics Optically pumped
High Sensitivity Cesium Magnetometer
Magnetometer Resolution 0.02 nT at 10 samples/sec



Profiles scale 1 mm = 0.1 (pV*ms)/A/m⁴
(Linear between 0.4 (pV*ms)/A/m⁴
logarithmic above 0.4 (pV*ms)/A/m⁴)

- Legend:
- 0.234 ms (B-field)
 - 0.281 ms (B-field)
 - 0.339 ms (B-field)
 - 0.406 ms (B-field)
 - 0.484 ms (B-field)
 - 0.573 ms (B-field)
 - 0.682 ms (B-field)
 - 0.818 ms (B-field)
 - 0.974 ms (B-field)
 - 1.151 ms (B-field)
 - 1.370 ms (B-field)
 - 1.641 ms (B-field)
 - 1.953 ms (B-field)
 - 2.307 ms (B-field)
 - 2.745 ms (B-field)
 - 3.286 ms (B-field)
 - 3.911 ms (B-field)
 - 4.620 ms (B-field)
 - 5.495 ms (B-field)
 - 6.578 ms (B-field)
 - 7.828 ms (B-field)

Legend:
Roads
Lakes, Rivers
Swamps
Topographic contours

Scale 1:10000
100 0 100 200 300 400 500
(metres)
WGS 84 UTM zone 8N

ATAC Resources Ltd.
Block HOPEFUL
Yukon, Canada

Geotech VTEM System
B-Field Profiles
Time Gates 0.234 - 7.828 ms

Flown and processed by Geotech Ltd.
30 Industrial Parkway South,
Aurora, Ontario, Canada L4G 3W2
www.geotechairborne.com

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