



GEOTECH LTD.

Survey Specifications:
Dates Flown: September 07-September 08, 2007
Survey Base: Whitehorse, YT
Aircraft: Astar B3 helicopter, Registration C-GTFX
Nominal Flight Line Spacing: 100 metres
Nominal Flight Line Directions: N120°E/N306°W
Nominal Tie Line Spacing: 1000 metres
Nominal Tie Line Directions: N36°E/N216°W
Nominal helicopter terrain clearance 140 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 26 m, Base Frequency 30 Hz
Dipole Moment: approx. 400,000 N/A
Transmitter Wave Form: Trapezoid, Pulse Width 7.13 ms
Geometrics Optically-pumped,
High Sensitivity Cesium Magnetometer
Magnetometer Resolution 0.02 nT at 10 samples/sec



Profiles scale 1 mm = 0.05 (pV*ms)/A/m⁴
(Linear between +/-0.2 (pV*ms)/A/m⁴
logarithmic above 0.2 (pV*ms)/A/m⁴)

- | |
|--------------------|
| 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

Scale 1:10000
100 0 100 200 300 400 500
(meters)
WGS 84 / UTM zone 8V

Strategic Metals Ltd.
Block HIDDEN
Yukon, Canada

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

Flown and processed by Geotech Ltd.
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October 2007

