



GEOTECH LTD.

Survey Specifications:
Dates Flown: July 26, 2007
Survey Base: Teslin, YT
Aircraft: Astar B3 helicopter, Registration C-GTFX
Nominal Flight Line Spacing: 100 metres
Nominal Flight Line Directions: N177°E/N357°E
Nominal Tie Line Spacing: 500 metres
Nominal Tie Line Directions: N87°E/N267°E
Nominal helicopter terrain clearance 85 metres
EM Loop is towed 42 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 427 400 N/A
Transmitter Wave Form: Trapezoid, Pulse Width 7.22 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 +/-0.2 (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
Swamps
Topographic contours

Scale 1:20000
250 0 250 500 750 1000
(meters)
WGS 84 / UTM zone 8N

Tarsis Capital Corp.
Block MOR
Yukon, Canada
Geotech VTEM System
B-Field Profiles
Time Gates 0.234 - 7.828 ms

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