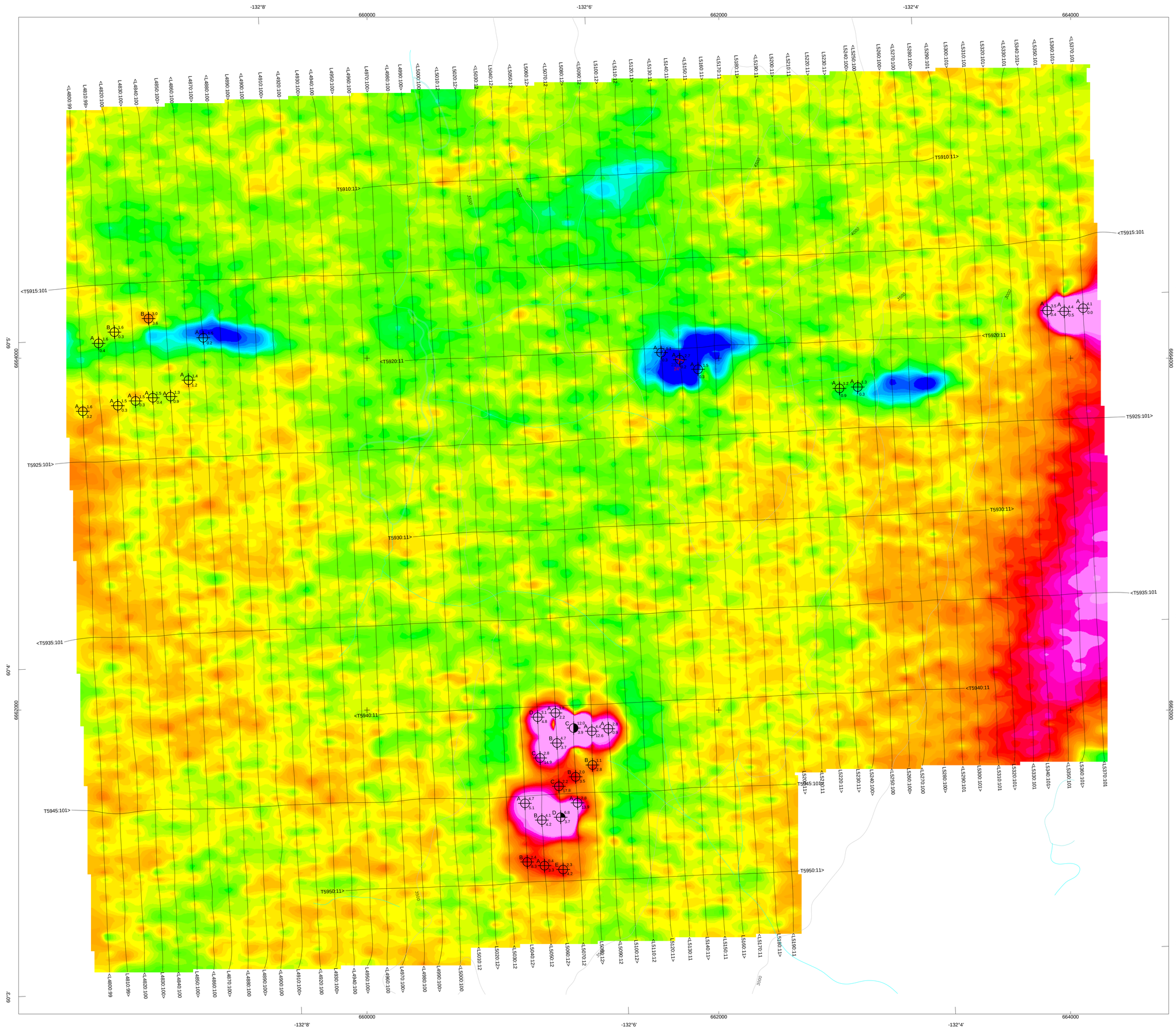

GEOTECH LTD.

Survey Specifications:

Dates Flown: July and September 2007
Survey Base: Mayo, YT
Aircraft: Astar B3 helicopter, Registration C-GTFX
Nominal Flight Line Spacing: 100 metres
Nominal Flight Line Direction: NS
Nominal Tie Line Spacing: 1000 metres
Nominal Tie Line Direction: EW
Nominal helicopter terrain clearance 86 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 425,000 NIA
Transmitter Wave Form: Trapezoid, Pulse Width 7.2 ms
Geometrics Optically-pumped,
High Sensitivity Cesium Magnetometer
Magnetometer Resolution 0.02 nT at 10 samples/sec

Anomaly Symbols

- Conductance < 5.0 siemens
- 5.0 < Conductance < 10.0
- 10.0 < Conductance < 15.0
- 15.0 < Conductance < 20.0
- 20.0 < Conductance

Anomaly ID — Conductance (S)
Depth (m) — Tau (ms)
Dip (°)

dB/dt response
pV/(A*m^4)

0.002 0.002 0.002 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.002 -0.002 -0.002

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

Tarsis Capital Corp.
MOR Property
Yukon, Canada

Geotech VTEM System
EM pickes anomalies & late time dB/dt Channel (3.911 ms)

Flown and processed by Geotech Ltd.
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Aurora, Ontario, Canada L4G 3W2
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November 2007

Project 7067