



Survey Specifications:
Aircraft: AS350 B3 helicopter, Registration VH-IPW
Flight Line Spacing: 100 metres
Nominal terrain clearance 80 metres
EM Loop is 42 metres beneath helicopter
Magnetic sensor is 12 metres beneath helicopter

Instruments:
Geotech Time Domain Electromagnetic System (VTEM 12)
with concentric Rx/Tx geometry, Bucking Coil
Transmitter Loop Diameter 26 m, Base Frequency 25Hz
Dipole Moment 424.528 N/A
Transmitter Wave Form: Trapezoid, Pulse Width 7.46 ms
Geometrics Optically-pumped G823A
High Sensitivity Cesium Magnetometer
Mag Resolution 0.02 nT at 10 samples/sec

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

- 0.12 ms
- 0.14 ms
- 0.17 ms
- 0.20 ms
- 0.23 ms
- 0.26 ms
- 0.34 ms
- 0.41 ms
- 0.48 ms
- 0.57 ms
- 0.68 ms
- 0.82 ms
- 0.97 ms
- 1.15 ms
- 1.37 ms
- 1.64 ms
- 1.95 ms
- 2.31 ms
- 2.75 ms
- 3.29 ms
- 3.91 ms
- 4.62 ms
- 5.50 ms
- 6.58 ms
- 7.83 ms



Scale 1:10000
100 0 100 200 300 400 500
(metres)
GDA94 / Australian Map Grid zone 55

MINCOR RESOURCES NL
Block 1 - Infills

Geotech TDEM System
TDEM dBdt Profiles
Time Gates 0.12 - 7.83 ms

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