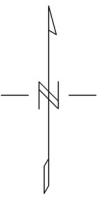


Survey Specifications:
Aircraft: AS350 B3 helicopter, Registration VH-IPW
Flight Line Spacing: 200 metres
Nominal terrain clearance 80 metres
EM Loop is 42 metres beneath helicopter
Magnetic sensor is 10.6 metres beneath helicopter

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 7.35 ms
Geometrics Optically-pumped, G823A
High Sensitivity Cesium Magnetometer
Mag Resolution 0.02 nT at 10 samples/sec

Profiles scale 1 mm = 0.1 pV/A/m²
(Linear between +/-0.3 pV/A/m²
logarithmic above 0.3 pV/A/m²)

- 0.10 ms
- 0.12 ms
- 0.14 ms
- 0.17 ms
- 0.20 ms
- 0.23 ms
- 0.28 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
- 9.24 ms



Scale 1:25000
(meters)
GD494 / Map Grid of Australia zone 55

Zinifex Limited
Tasmania
Block 3

Geotech TDEM System
TDEM dBdt Profiles
Time Gates 0.10 - 9.24 ms

Flown and processed by Geotech Airborne Pty Ltd.
Unit 1, 29 Mulgool Road, Malaga
Western Australia, 6090
www.geotechairborne.com

March-April 2008

August 2008

