



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