

**AIRBORNE SURVEY EQUIPMENT**

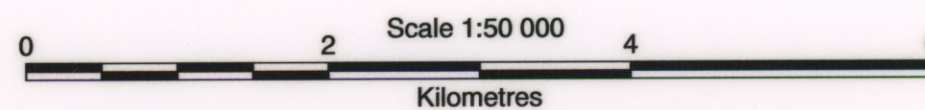
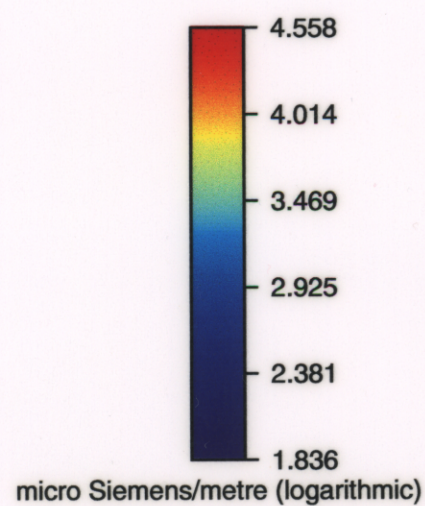
Aircraft	AS-350BA "Squirrel" helicopter VH-RTV
Electromagnetic System	Hummingbird towed 30m below aircraft, multi-coil, five frequency system manufactured by Geotech Pty Ltd of Toronto, Canada
Operating Frequencies	Coplanar coils at 880, 6608 and 34133 Hertz plus coaxial coils at 980 and 7001 Hertz
Magnetometer	Geometrics G-822A Caesium Vapour Resolution 0.001 nT
Recording Interval	Electromagnetic system 0.1 sec (approx 3.5 metres) Magnetometer 0.1 sec (approx 3.5 metres)
EM System Clearance	EM & magnetic sensor boom 30 metres
Navigation	Real time differential GPS system Ashtech G12 receiver Omnistar LR3000 virtual base station
Acquisition System	Geo Instruments Model 2002

**AIRBORNE SURVEY SPECIFICATIONS**

Flight Line Direction	000 - 180 degrees
Flight Line Separation	200 metres
Tie Line Direction	090 - 270 degrees
Tie Line Separation	2000 metres
Terrain Clearance	60 metres
Survey flown	November 2001
Geo Instruments job number	2113

**DATA PROCESSING**

System parallax and spherics removed	
Data drift corrected and micro-levelled	
Grid algorithm	Akima Spline
Grid cell size	40 x 40 metres



DATUM : AGD66  
PROJECTION : AMG  
ZONE : 55



WESTERN TASMANIAN REGIONAL MINERALS PROGRAM DOLCOATH GRANITE		
Airborne Geophysical Survey 880 Hz Electromagnetic Conductivity Image		
DATE: April 2002	BY: Geo Instruments	PLAN NO.
SCALE: 1:50 000	REF.	