

**AIRBORNE SURVEY EQUIPMENT**

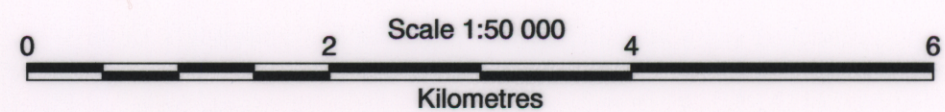
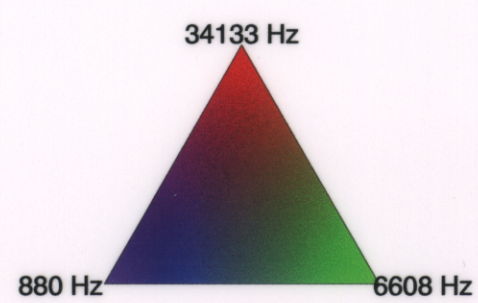
Aircraft AS-350BA "Squirrel" helicopter VH-RTV  
 Electromagnetic System Hummingbird towed 30m below aircraft, multi-coil, five frequency system manufactured by Geotech Pty Ltd of Toronto, Canada  
 Operating Frequencies Coplanar coils at 880, 6608 and 34133 Hertz plus coaxial coils at 980 and 7001 Hertz  
 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

**DATA PROCESSING**

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

**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



DATUM : AGD66  
 PROJECTION : AMG  
 ZONE : 55



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