5940f 2of8

AIRBORNE SURVEY EQUIPMENT

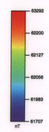
Aircraft	AS-350BA "Squirrel" helicopter VH-RTV
Electromagnetic System	Hummingbird towed 30m below aircraft, multi-coil, five frequency system manufactured by Geotech Pty Ltd of Toronto, Canada
Operating Frequencies	Coplanar coils at 880, 6608 and 34133 Hertz plus coaxial coils at 980 and 7001 Hertz
Magnetometer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

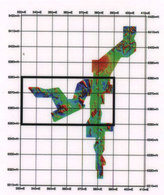
AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction	090 - 270 degrees
Flight Line Separation	200 metres
Tie Line Direction	000 - 180 degrees
Tie Line Separation	2000 metres
Terrain Clearance	60 metres
Survey Flown	January 2001 - April 2002
Geo Instruments Job Number	2113

MAP PRESENTATION

Sun angle azimuth	045 degrees
Sun angle elevation	45 degrees





N

Scale 1:50 000

0 5 10 15

Kilometres

DATUM : AGD66
PROJECTION : AMG
ZONE : 55

Tasmania

WESTERN TASMANIAN REGIONAL MINERALS PROGRAM
Mt Read Volcanics / Heemskirk Granite

Airborne Geophysical Survey

Total Magnetic Intensity Image

DATE: July 2002	BY: Geo Instruments	PLAN NO.
SCALE: 1:50 000	REF.	