

AIRBORNE SURVEY EQUIPMENT

Aircraft AS-350BA "Squirrel" helicopter VH-RTV
 Hummingbird towed 30m below aircraft
 Electromagnetic System 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 960 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

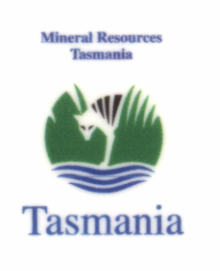
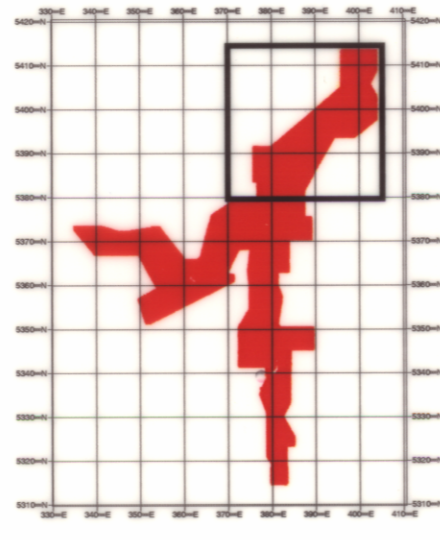
Navigation Real time differential GPS system
 Ashtech G12 receiver
 Omnistar LR3000 virtual base station

Acquisition System Geo Instruments Model 2002

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using a Fugro Omnistar 3000LR differential corrector incorporating an Ashtech G12 GPS engine.

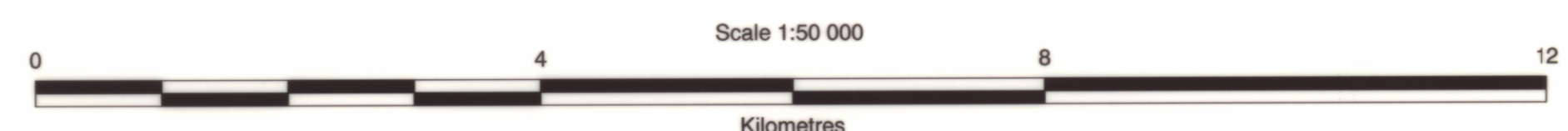
GPS navigation data differentially corrected in real time.



AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction 090 - 270 degrees
 Flight Line Separation 250 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



DATUM : AGD66
 PROJECTION : AMG
 ZONE : 55

WESTERN TASMANIAN REGIONAL MINERALS PROGRAM		
Mt Read Volcanics / Heemskirk Granite		
Airborne Geophysical Survey		
Flight Path		
DATE: July 2002	BY: Geo Instruments	PLAN NO.
SCALE: 1:50 000	REF.	