

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 680, 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

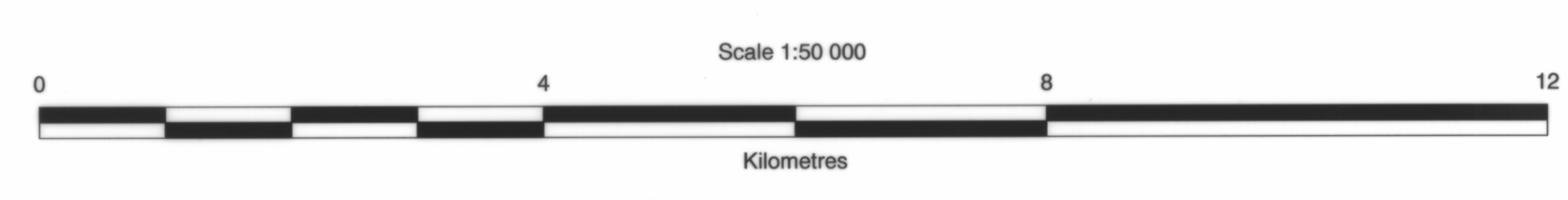
FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Delta using a Fugro Omnistar 3006.R differential corrector incorporating an Ashtech G12 GPS engine.
 GPS navigation data differentially corrected in real time.

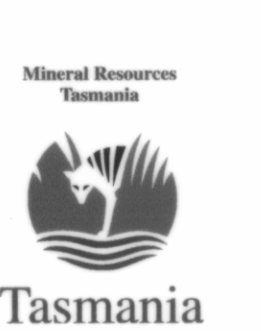
AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction 090 - 270 degrees
 Flight Line Separation 200 metres
 Tie Line Direction 000 - 180 degrees
 Tie Line Separation 2000 metres
 Terrain Clearance 60 metres

Survey from January 2001 - April 2002
 Geo Instruments job number 2113



DATUM : AGD86
 PROJECTION : UTM
 ZONE : 55



WESTERN TASMANIAN REGIONAL MINERALS PROGRAM
BALFOUR

Airborne Geophysical Survey
 Flight Path

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