

5484B

872

5 cm

510000E 515000E 520000E 525000E

40°50'00"S

40°55'00"S

41°00'00"S

41°05'00"S



AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : Cesium Vapour optical absorption  
Sensitivity : 0.001 nT  
RECORDING INTERVAL : 0.1 sec (approx 7 m sampling)  
at mean ground speed of 250 km/hour  
SPECTROMETER : Nuclear Data 256 channel ADC  
Volume : 33.6 litres  
0.4 - 3.00 MeV  
TOTAL COUNT WINDOW : 1.35 - 1.57 MeV  
URANIUM WINDOW : 1.63 - 1.89 MeV  
THORIUM WINDOW : 2.42 - 2.82 MeV  
RECORDING INTERVAL : 1.0 sec (approx 70 m sampling)  
at mean ground speed of 250 km/hour  
Geotrex MADACS acquisition system  
Digital to magnetic tape  
DATA RECORDING : Both detectors in aircraft at 80 m  
Traverse lines 400 m  
Tie lines 400 m  
FLIGHT PATH NAVIGATION : SERCEL NDS100 Real time UHF Differential  
GPS system with SINGER KEARFOTT AN/ASN 128  
Doppler system with SPERRY C12 compass and  
VG14 vertical gyro  
FLIGHT PATH RECORD : XY coordinates computed from WGS84 lat/long  
coordinates recorded by SERCEL NDS100 Real  
time UHF Differential GPS system

5475000N

RESIDUAL MAGNETIC CONTOURS

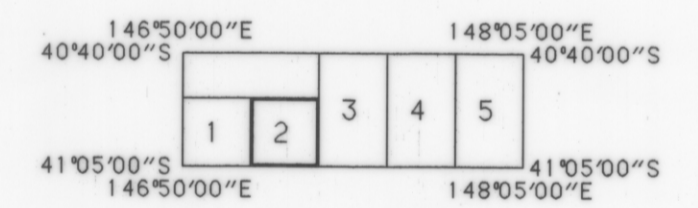
Grid notation refers to Australian Map Grid Zone 55  
Magnetics : Diurnal removed, tie line levelled  
1990 model (updated for secular  
variation to November 1995) removed,  
datum 2000 nT added  
Total Field : 61672 nT (at 41°00'00S, 147°20'00E)  
Inclination : 71 degrees S  
Declination : 13.5 degrees E  
Grid mesh size : 50 x 50 metres  
Grid filter : None  
Contour interval : 2.5, 25 and 250 nT

5470000N

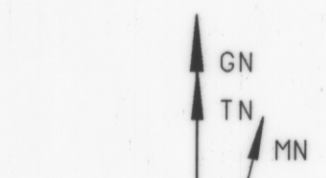
5465000N

5460000N

5455000N

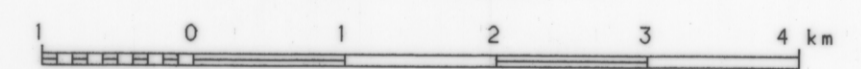


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Grid Convergence = -0.14'  
Declination = 13.50'

SCALE 1:50000



JOB NO : 1-451  
Surveyed by GEOTERREX PTY LTD : November 1993  
Compiled by GEOTERREX PTY LTD, SYDNEY  
Processed by GEOTERREX PTY LTD, SYDNEY

MINERAL RESOURCES TASMANIA  
WEYMOUTH-TOMAHAWK ALL LINES  
RESIDUAL MAGNETIC CONTOURS  
LAUNCESTON SK55-4  
SHEET 2 OF 5

5485B

CREATED : MP DRAWING NO :  
CHECKED : MS DATE : 31-JAN-1994

147°05'00"E 147°10'00"E 147°15'00"E 147°20'00"E