

5 cm

550000E 555000E 560000E 565000E 570000E

40°40'00"S

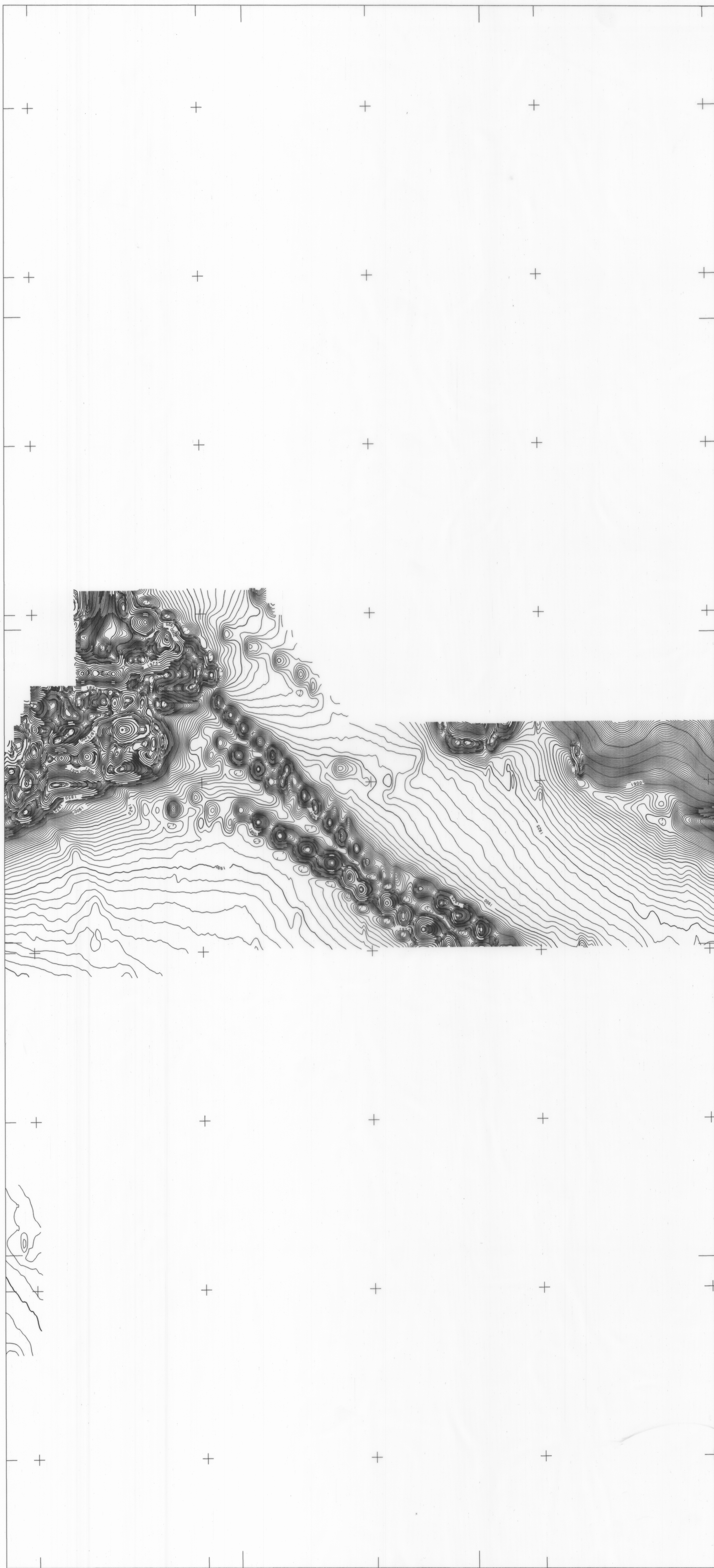
40°45'00"S

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)  
 SPECTROMETER : at mean ground speed of 250 km/hour  
 NUCLEAR DATA : 256 channel ADC  
 TOTAL COUNT WINDOW : Volume 33.5 litres  
 POTASSIUM WINDOW : 0.4 - 3.00 MeV  
 URANIUM WINDOW : 1.35 - 1.97 MeV  
 THORIUM WINDOW : 1.63 - 1.89 MeV  
 DATA RECORDING : 2.42 - 2.82 MeV  
 RECORDING INTERVAL : 1.0 sec (approx 70 m sampling)  
 DATA RECORDING : at mean ground speed of 250 km/hour  
 NOMINAL TERRAIN CLEARANCE : Detector: PMDACS acquisition system  
 NOMINAL LINE SPACING : Digital to magnetic tape  
 Both detectors in aircraft at 80 m  
 Traverse lines 400 m  
 SERCEL NDS100 Real time UHF Differential  
 GPS system with SINGER BEARFOOT AWASIN 128  
 Doppler system with SPERRY C12 compass and  
 VDI vertical gyro  
 XT coordinates computed from WGS84 lat/long  
 coordinates recorded by SERCEL NDS100 Real  
 time UHF Differential GPS system

RESIDUAL MAGNETIC CONTOURS

Grid notation refers to Australian Map Grid Zone 55  
 Magnetic : Digital processed, tie line levelled  
 TORF : 1990 model updated for secular  
 variation to November 1993 received.  
 datum 2000 at sidra  
 61672 m lat 41°00'00"S, 147°20'00"E  
 Total Field : 71 degrees S  
 Inclination : 13.5 degrees E  
 Declination : 50 - 50 metres  
 Grid mesh size : None  
 Grid filter : 2.5, 25 and 250 nT

5495000N

5490000N

5485000N

5480000N

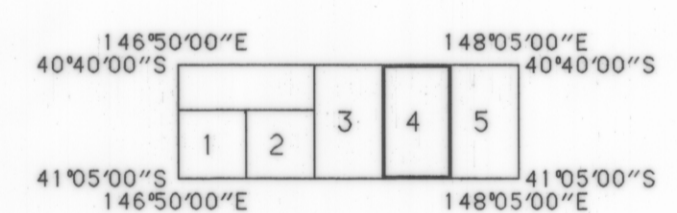
5475000N

5470000N

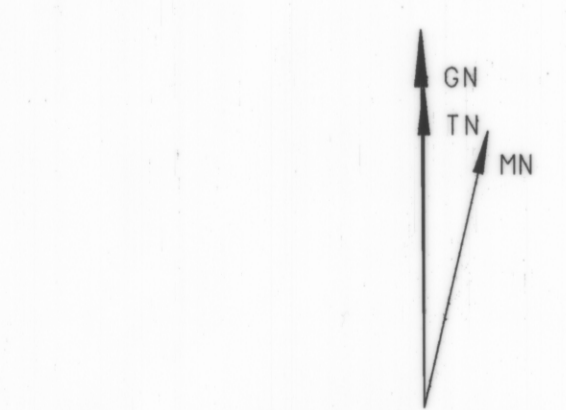
5465000N

5460000N

5455000N



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SCALE 1:50000  
 0 1 2 3 4 km

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

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

CREATED : MP DRAWING NO :  
 CHECKED : HS DATE : 21-JAN-1994

147°35'00"E 147°40'00"E 147°45'00"E 147°50'00"E