

5 cm

570000E 575000E 580000E 585000E 590000E

40°40'00"S

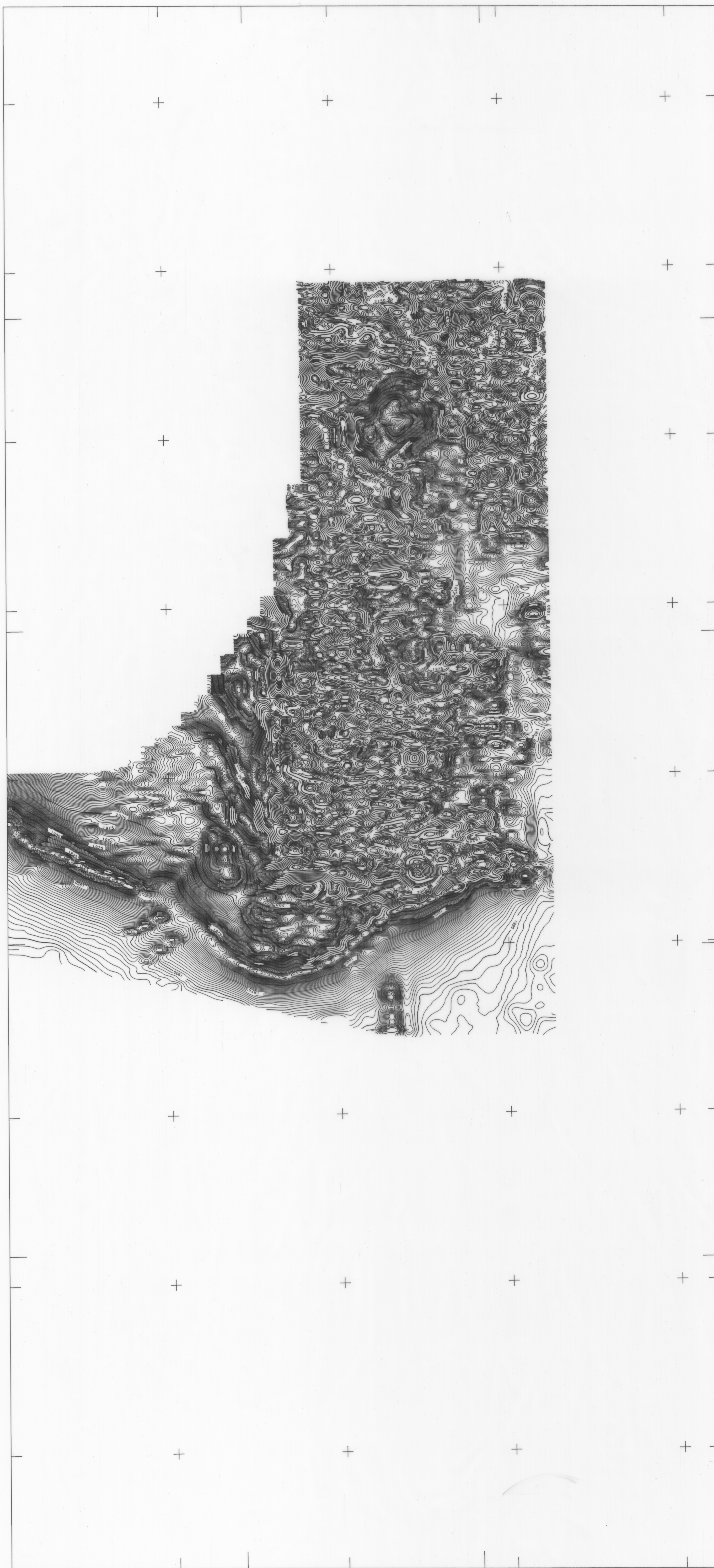
40°45'00"S

40°50'00"S

40°55'00"S

41°00'00"S

41°05'00"S



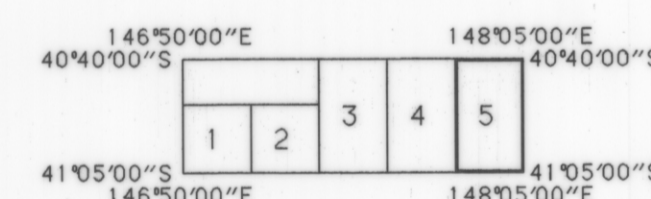
147°50'00"E 147°55'00"E 148°00'00"E 148°05'00"E

AIRBORNE SURVEY SPECIFICATIONS

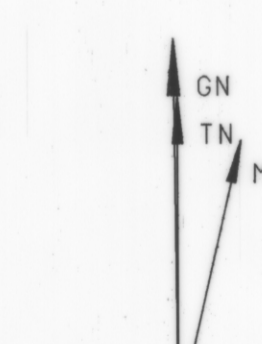
MAGNETOMETER * Cesium Vapour optical absorption
 SENSITIVITY * 0.001 nT
 RECORDING INTERVAL * 0.1 sec (approx 7 m sampling)
 SPECTROMETER * at mean ground speed of 250 km/hour
 Nuclear Gas - channel ADC
 Volume * 33.5 litres
 TOTAL COUNT WINDOW * 0.4 - 3.00 MeV
 POTASSIUM WINDOW * 1.35 - 1.57 MeV
 URANIUM WINDOW * 1.63 - 1.89 MeV
 THORIUM WINDOW * 2.42 - 2.82 MeV
 RECORDING INTERVAL * 1.0 sec (approx 70 m sampling)
 DATA RECORDING * at mean ground speed of 250 km/hour
 Geotrex MADACS acquisition system
 Digital to magnetic tape
 Both detectors in aircraft at 80 m
 Transverse lines 400 m
 Line lines 400 m
 SERCEL NDS100 Real time UHF Differential
 GPS system with SINGER KEARFOTT AN/ASN 128
 Doppler system with SPERRY 012 compass and
 VD14 vertical gyro
 XY coordinates computed from MOSK4 lat/long
 coordinates recorded by SERCEL NDS100 Real
 time UHF Differential GPS system

RESIDUAL MAGNETIC CONTOURS

Grid datum refers to Australian Map Grid Zone 55
 Magnetic * Diurnal removed, the line levelled
 1990 model (updated for secular
 variation to November 1993) removed,
 datum 2000 m added.
 Total Field * 61672 nT (at 41°00'00"S, 147°20'00"E)
 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

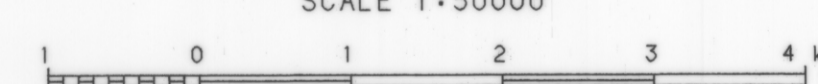


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Grid Convergence = -0.63°
Declination = 13.50°

SCALE 1:50000



JOB NO : 1-81
 Surveyed by GEOTERREX PTY LTD, November 1993
 Compiled by GEOTERREX PTY LTD, SYDNEY
 Processed by GEOTERREX PTY LTD, SYDNEY

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

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