

5 cm

570000E 575000E 580000E 585000E 590000E

40°40'00"S

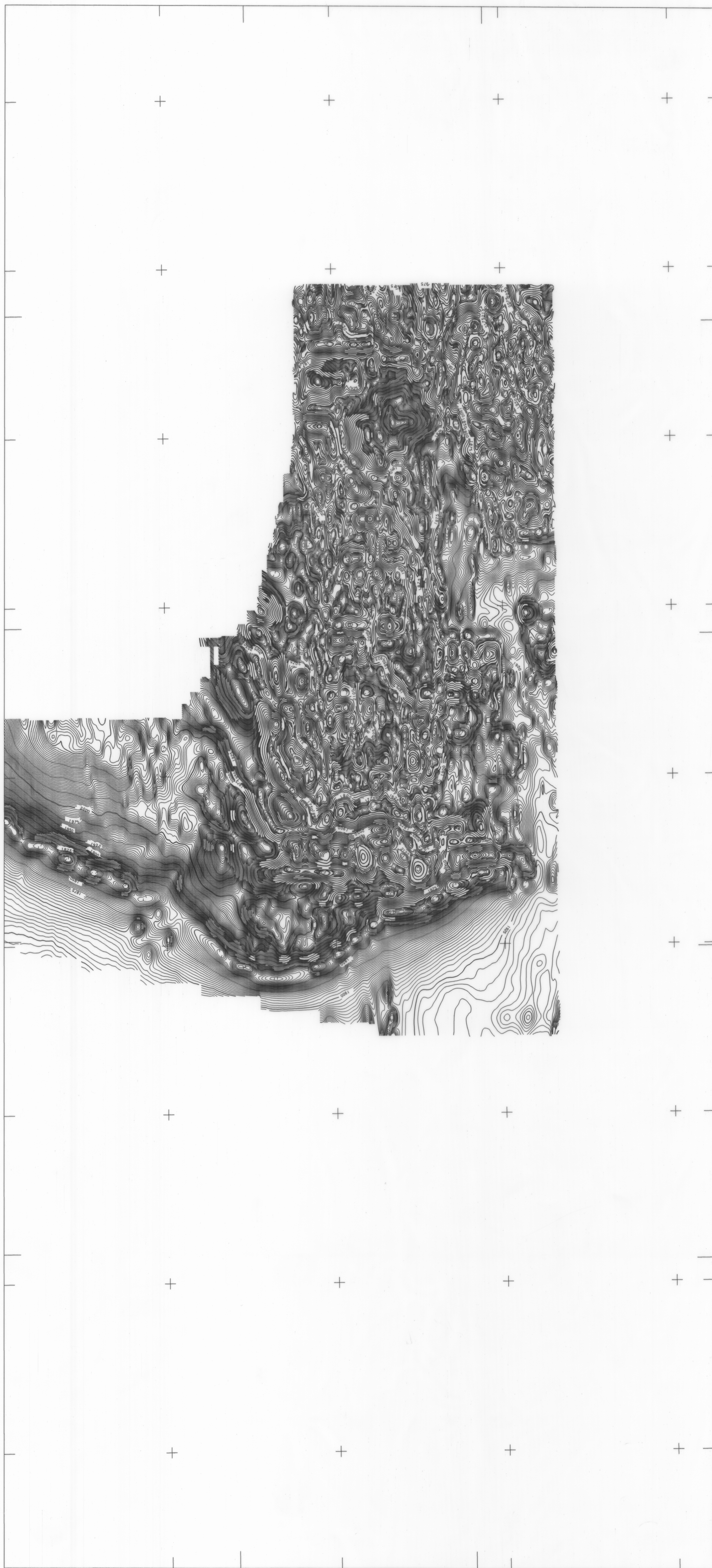
40°45'00"S

40°50'00"S

40°55'00"S

41°00'00"S

41°05'00"S



AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : Caesium Vapour optical absorption
Sensitivity : 0.001 nT
RECORDING INTERVAL : 0.1 sec (approx 7 m sampling)
SPECTROMETER : all mean ground speed of 250 km/hour
Nuclear Data 256 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)
all mean ground speed of 250 km/hour
DATA RECORDING : Deterrex RADACS acquisition system
Digital to magnetic tape
NOMINAL TERRAIN CLEARANCE : Both detectors in aircraft at 80 m
NOMINAL LINE SPACING : Traverse lines 400 m
FLIGHT PATH NAVIGATION : SERCEL NSD100 Real time UHF Differential
GPS system with SINGER KEARFOIT AN/ASN 128
Doppler system with SPERRY Q12 compass and
VD14 vertical gyro
X,Y coordinates computed from WGS84 lat/long
coordinates recorded by SERCEL NSD100 Real
time UHF Differential GPS system

RESIDUAL MAGNETIC CONTOURS

Grid notation refers to Australian Map Grid Zone 55
Magnetic : Diurnal removed, the line levelled
1990 model, updated for secular
variation to November 1993 removed,
delta 2000 nT 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 : 20 x 50 metres
Grid filter : None
Contour interval : 2.5, 25 and 250 nT

5495000N

5490000N

5485000N

5480000N

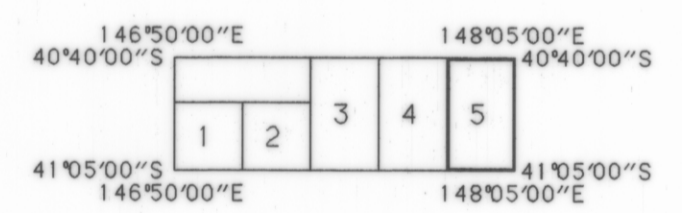
5475000N

5470000N

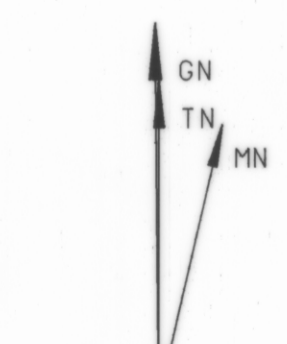
5465000N

5460000N

5455000N

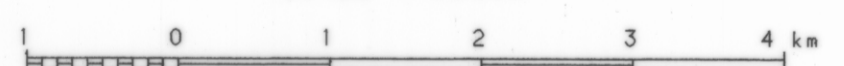


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Grid Convergence = -0.63'
Declination = 13.50'

SCALE 1:50000



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

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

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

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