

5 cm

530000E 535000E 540000E 545000E

40°40'00"S

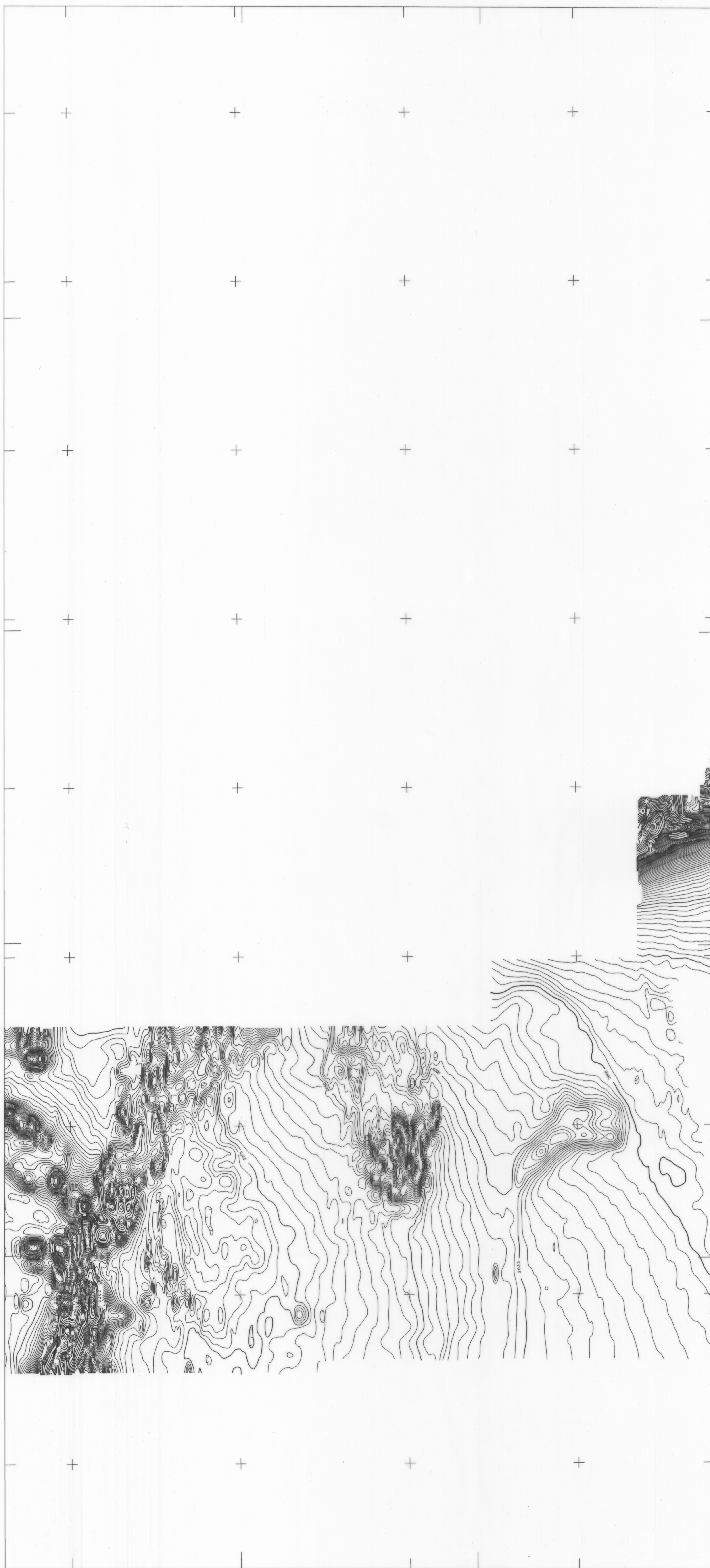
40°45'00"S

40°50'00"S

40°55'00"S

41°00'00"S

41°05'00"S



147°20'00"E

147°25'00"E

147°30'00"E

147°35'00"E

AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER * Caesium Vapour optical absorption
Sensitivity * 0.001 nT
RECORDING INTERVAL * 0.1 sec (approx 7 m spacing)
SPECTROMETER * at mean ground speed of 250 km/hour
Nuclear Data 256 channel ADC
Voltage * 33.5 V rms
TOTAL COUNT WINDOW * 0.4 - 3.00 MeV
POTASSIUM WINDOW * 1.35 - 1.37 MeV
URANIUM WINDOW * 1.63 - 1.89 MeV
THORIUM WINDOW * 2.42 - 2.52 MeV
RECORDING INTERVAL * 1.0 sec (approx 70 m spacing)
DATA RECORDING * at mean ground speed of 250 km/hour
Deterrex RADACS acquisition system
Digital to magnetic tape
NOMINAL TERRAIN CLEARANCE * Both detectors 100 m
FLIGHT PATH NAVIGATION * In-line 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
X,Y 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 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)
Declination * 7.5 degrees S
Dip * 13.5 degrees E
Grid mesh size * 20 x 20 metres
Grid filter * None
Contour interval * 2.5, 25 and 250 nT

5495000N

5490000N

5485000N

5480000N

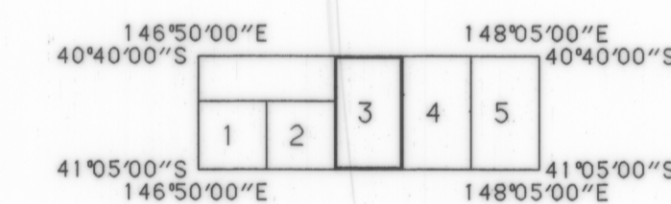
5475000N

5470000N

5465000N

5460000N

5455000N

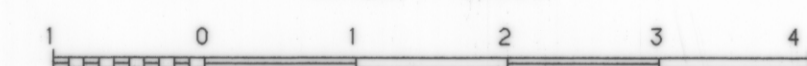


CROWN COPYRIGHT RESERVED



Grid Convergence = -0.30'
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 EW LINES
RESIDUAL MAGNETIC CONTOURS
LAUNCESTON SK55-4
SHEET 3 OF 5

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