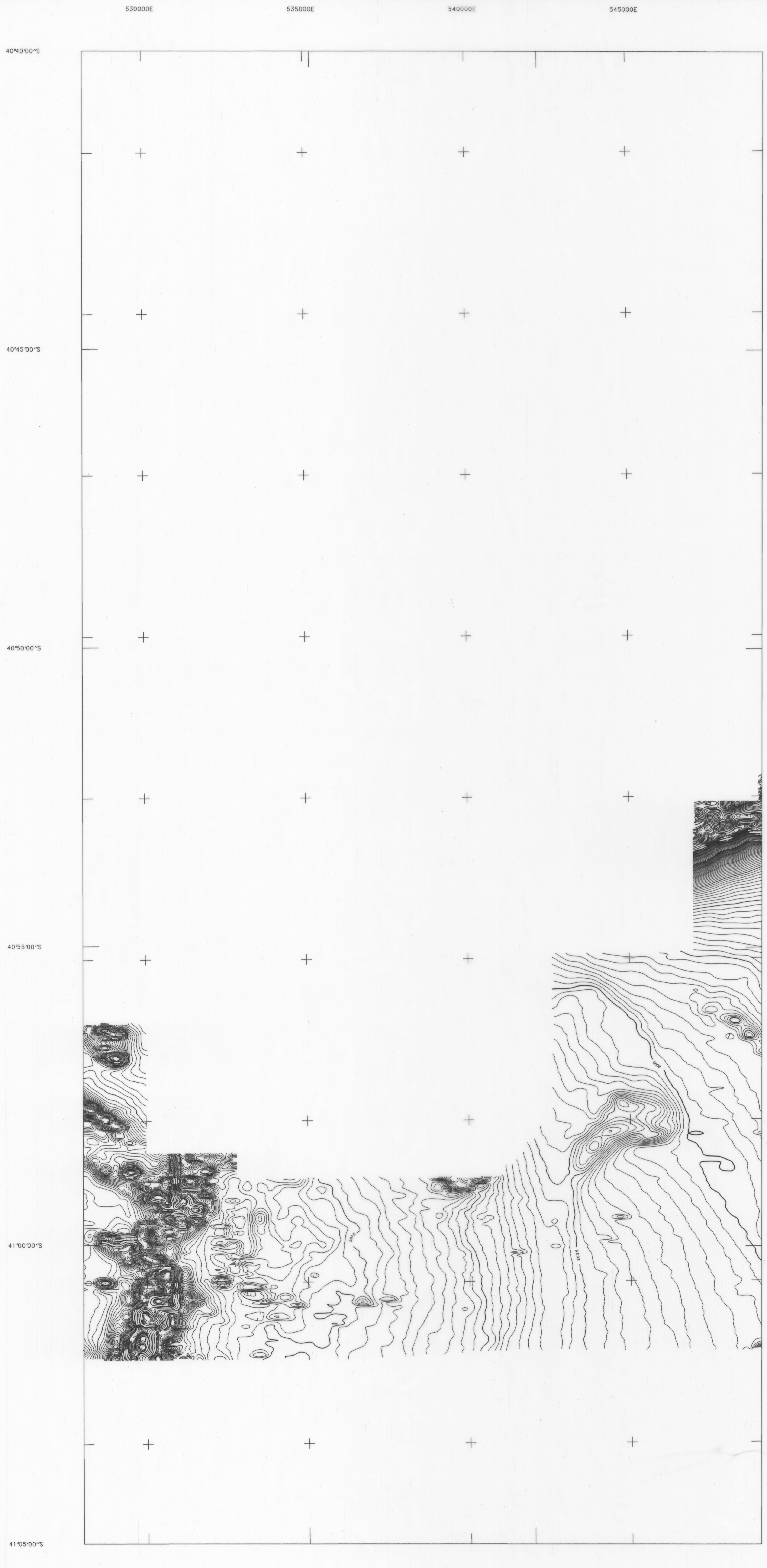


6 cm



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 : 35.5 litres

TOTAL COUNT WINDOW : 0.4 - 3.00 MeV

POTASSIUM WINDOW : 1.35 - 1.55 MeV

URANIUM WINDOW : 1.83 - 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

DATA RECORDING : Geotronics MADACS acquisition system
Digital to magnetic tape

NOMINAL TERRAIN CLEARANCE : Both detectors in aircraft at 80 m

NOMINAL LINE SPACING : Traverse lines 400 m
Tie lines 400 m

FLIGHT PATH NAVIGATION : SERCEL NDS100 Real time UHF Differential GPS system with SINGER REARPOIT AN/ASN 128
Doppler system with SPERRY C12 compass and
VD14 vertical gyro

FLIGHT PATH RECORD : 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 : 1990 model (updated for secular variation to November 1993) removed, datum 2000 nT added

Total Field : 61872 nT (at 41°05'00.00S, 147°20'00.00E)

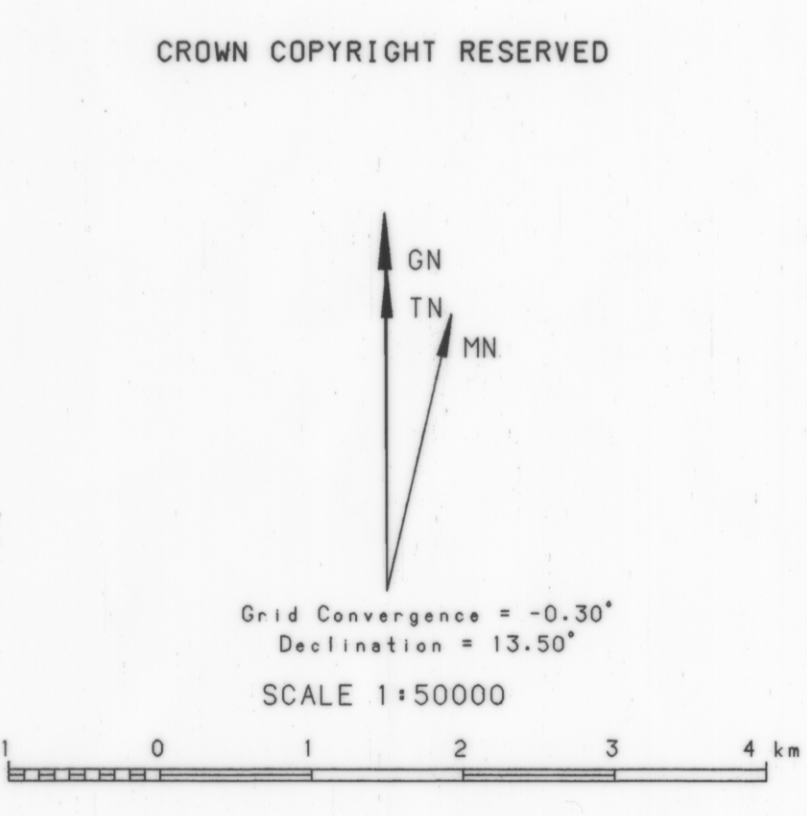
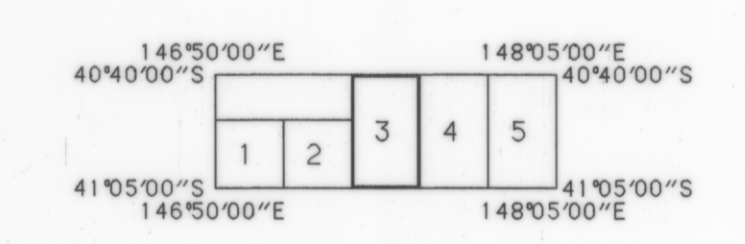
Inclination : 71 degrees S

Declination : 13.5 degrees E

Grid mesh size : 60 x 50 metres

Grid Filter : None

Contour interval : 2.5, 25 and 250 nT



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 NS LINES
RESIDUAL MAGNETIC CONTOURS
LAUNCESTON SK55-4
SHEET 3 OF 5

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