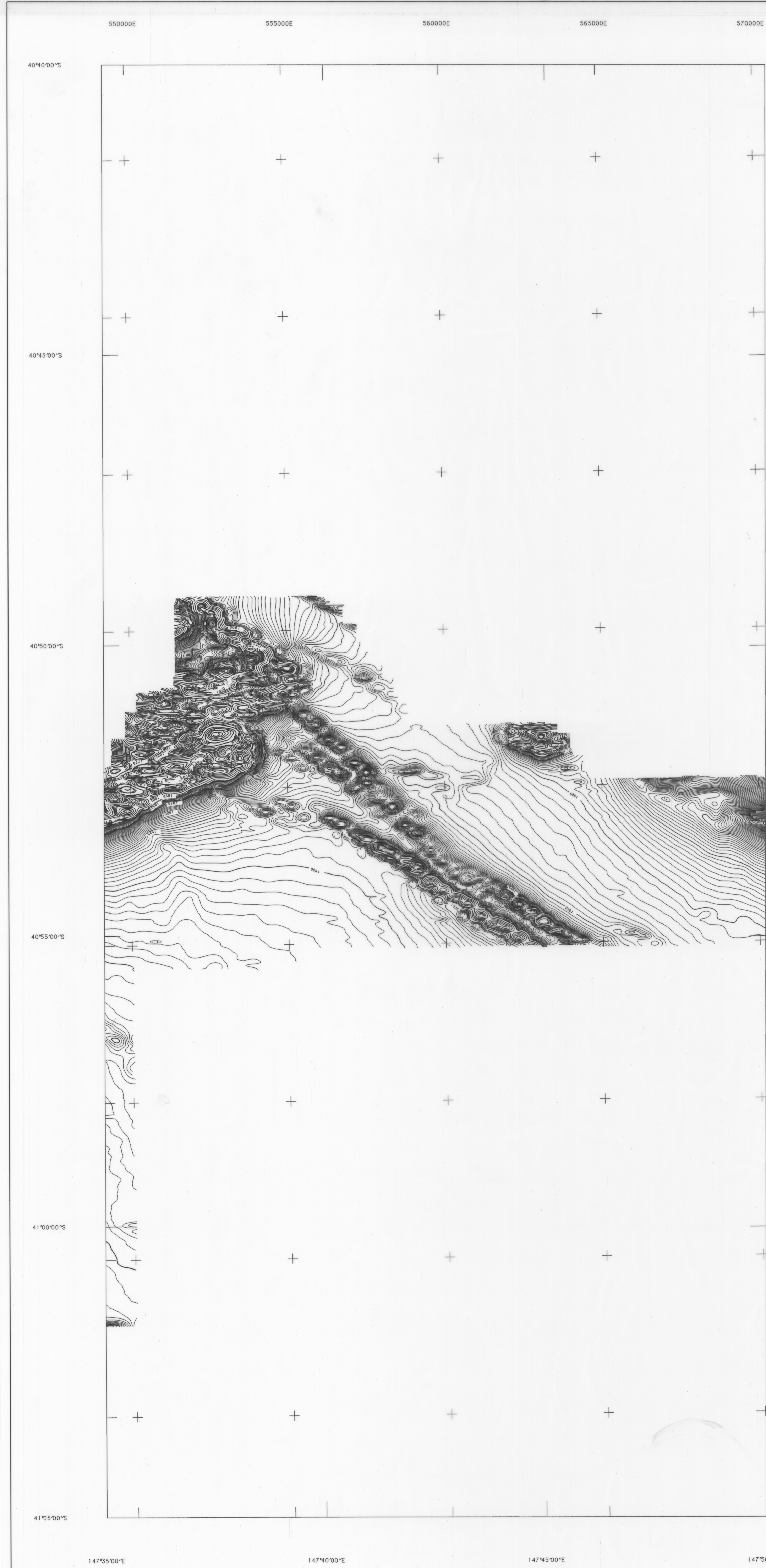


8 cm

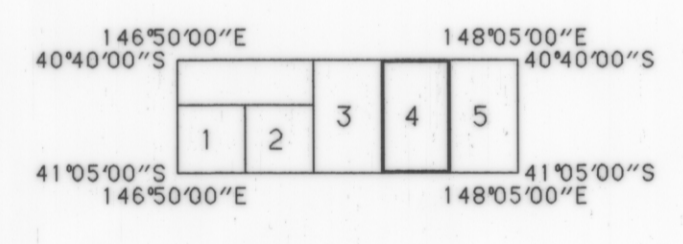


AIRBORNE SURVEY SPECIFICATIONS

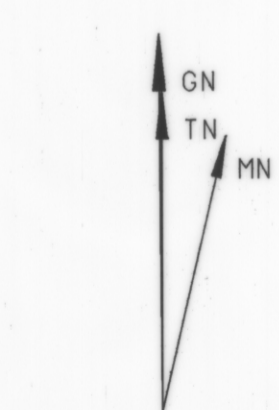
MAGNETOMETER * Geoscan Vapour optical absorption
 Stability * 0.001 nT
 RECORDING INTERVAL * 0.1 sec (approx 7 m sampling)
 at mean ground speed of 250 km/hour
 SPECTROMETER * Nuclear Data 256 channel ADC
 Volume * 256 lines
 TOTAL COUNT WINDOW * 0.4 - 5.00 MeV
 POTASSIUM WINDOW * 1.35 - 1.57 MeV
 URANIUM 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 * Geoscan RADACS acquisition system
 Digital to magnetic tape
 NOMINAL TERRAIN CLEARANCE * 80% detectors in aircraft at 80 m
 NOMINAL LINE SPACING * Traverse lines 400 m
 1 m lines 400 m
 FLIGHT PATH NAVIGATION * SERCEL NDS100 Real time UHF Differential
 GPS system with SINGER KEARFITT AN/ASN 128
 Doppler system with SPERRY C12 compass and
 VDI4 vertical gyro
 FLIGHT PATH RECORD * XY 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 * Diurnal removed, fix line included
 1990 model, updated for secular
 variation in November 1993 removed,
 datum 2000 nT added
 61972 AT lat 41°00'00"S, 147°20'00"E
 Total Field * 71.5 gauss
 Inclination * 13.5 degrees E
 Declination * 50 x 50 metres
 Grid mesh size * 2.5, 25 and 250 nT
 Contour interval *

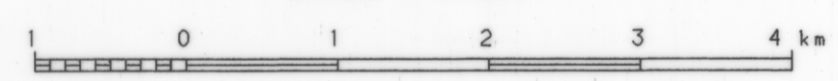


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Grid Convergence = -0.46'
 Declination = 13.50'

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

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

147°55'00"E 147°40'00"E 147°45'00"E 147°50'00"E