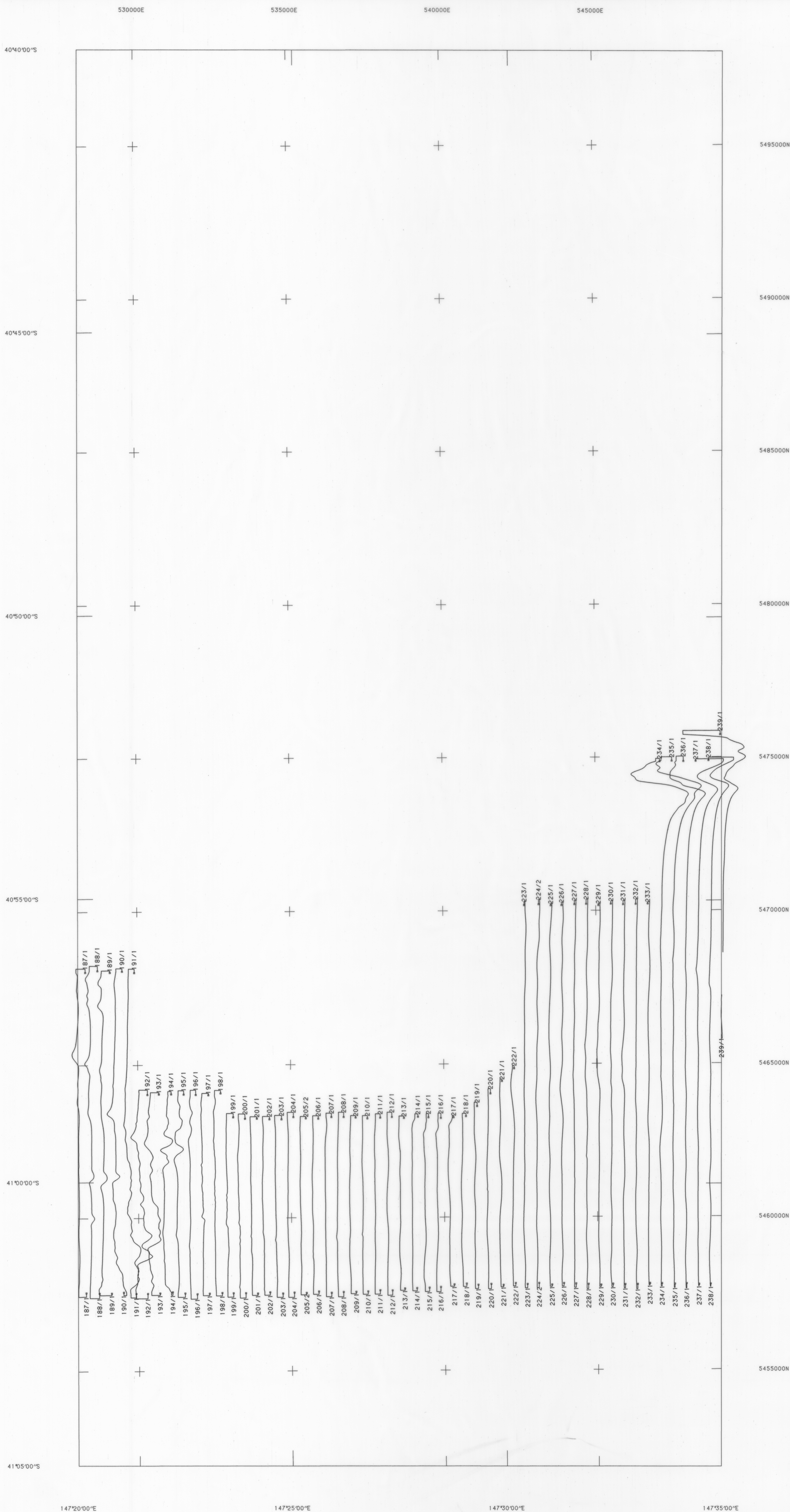


5 cm

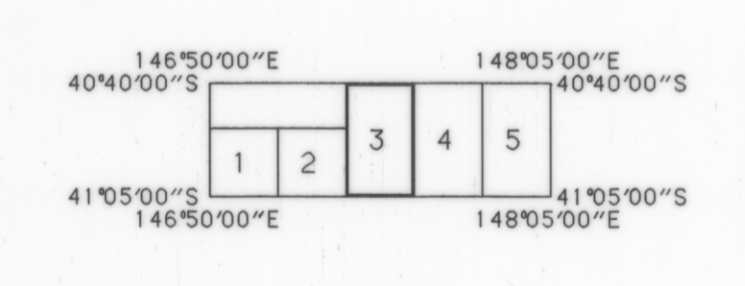


**AIRBORNE SURVEY SPECIFICATIONS**

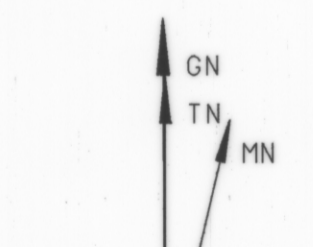
MAGNETOMETER : Cesium Vapour optical absorption  
 SENSITIVITY : 0.001 nT  
 RECORDING INTERVAL : 0.1 sec (approx 7 m sampling)  
 SPECTROMETER : at mean ground speed of 250 km/hour  
 NUCLEAR DATA : 256 channel ADC  
 TOTAL COUNT WINDOW : Volume = 33.6 litres  
 POTASSIUM WINDOW : 1.35 - 1.37 MeV  
 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  
 NOMINAL TERRAIN CLEARANCE : Gesterex MADACS acquisition system  
 DIGITAL TO ANALOGIC FEED  
 NOMINAL LINE SPACING : Both detectors in aircraft at 80 m  
 TRAVERSE LINE : 400 m  
 TRACK LINE : 400 m  
 FLIGHT PATH NAVIGATION : SERCEL NDS100 Real time UHF Differential GPS system with SINGER KEARFITT AN/ASM 128 Doppler system with SPERRY C12 compass and VQ14 vertical gyro  
 FLIGHT PATH RECORD : AT coordinates computed from MCS84 real time coordinates recorded by SERCEL NDS100 Real time UHF Differential GPS system

**RESIDUAL MAGNETIC PROFILES**

Grid notation refers to Australian Map Grid Zone 55  
 Magnetic : Diurnal removed, line levelled  
 IGRF : 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  
 Vertical Scale : 200 nT/m  
 Box Value : 2000 nT



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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 PROFILES**  
**LAUNCESTON SK55-4**  
**SHEET 3 OF 5**

CREATED : MP      DRAWING NO :  
 CHECKED : MS      DATE : 27-JAN-1994