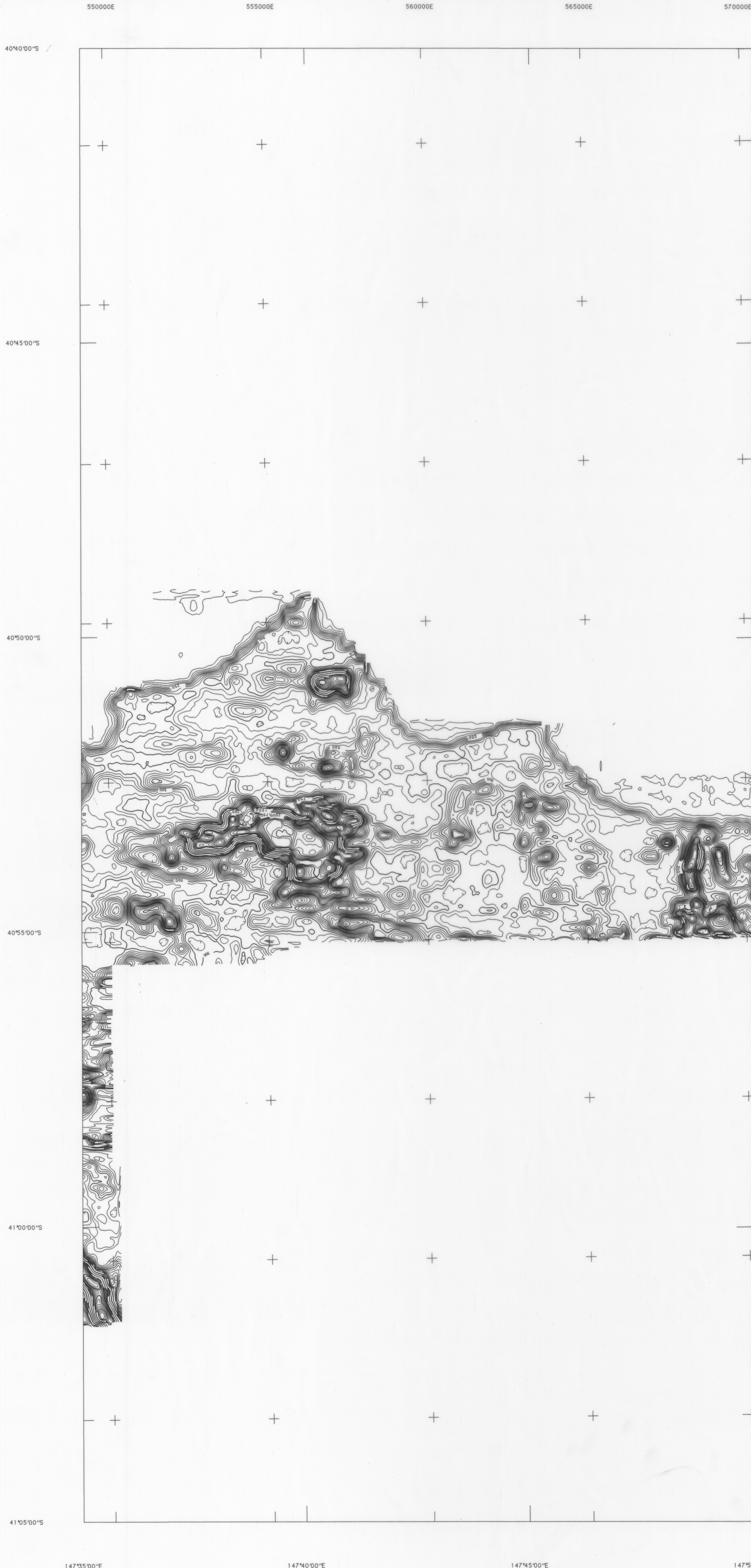


5 cm



AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : Geoson Vapour optical absorption  
Sensitivity : 0.001 mT

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 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 - 2.92 MeV

RECORDING INTERVAL : 1.0 sec (approx 70 m sampling)  
at mean ground speed of 250 km/hour

DATA RECORDING : Geoterra: 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 MDS100 Real time UHF Differential  
GPS system with SINGER KEARFOOT AN/ASN 128  
Doppler system with SPERRY C12 compass and  
VG14 vertical gyro

FLIGHT PATH RECORD : XT coordinates computed from WGS84 lat/long  
coordinates recorded by SERCEL MDS100 Real  
time UHF Differential GPS system

TOTAL COUNT CONTOURS

Grid notation refers to Australian Map Grid Zone 55

Radiometrics : Cosmic and aircraft background  
removed

Line time corrected

Temperature corrected

Compton corrected

Alpha - 0.419

Beta - 0.385

Gamma - 0.653

Height attenuated to 80 metres  
mean terrain clearance

Total Count - 0.00617/ metre

Potassium Count - 0.00758/ metre

Uranium Count - 0.00585/ metre

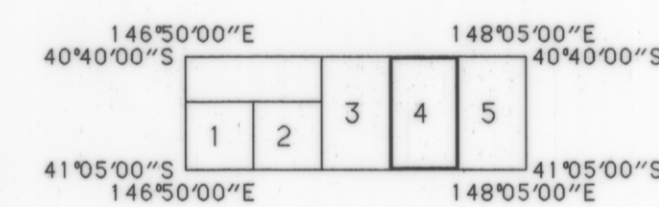
Thorium Count - 0.00659/ metre

Alpha - 0.00065/ metre

Grid mesh size : 50 x 50 metres

Grid filter : None

Contour interval : 50, 250 and 1000 cps

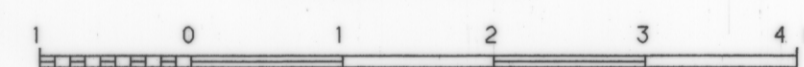


CROWN COPYRIGHT RESERVED



Grid Convergence = -0.46'  
Declination = 13.50'

SCALE 1:50000



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

MINERAL RESOURCES TASMANIA  
WEYMOUTH-TOMAHAWK ALL LINES  
TOTAL COUNT CONTOURS  
LAUNCESTON SK55-4  
SHEET 4 OF 5

CREATED : MP DRAWING NO :  
CHECKED : MS DATE : 31-JAN-1994