

8 cm

530000E 535000E 540000E 545000E

40°40'00"S

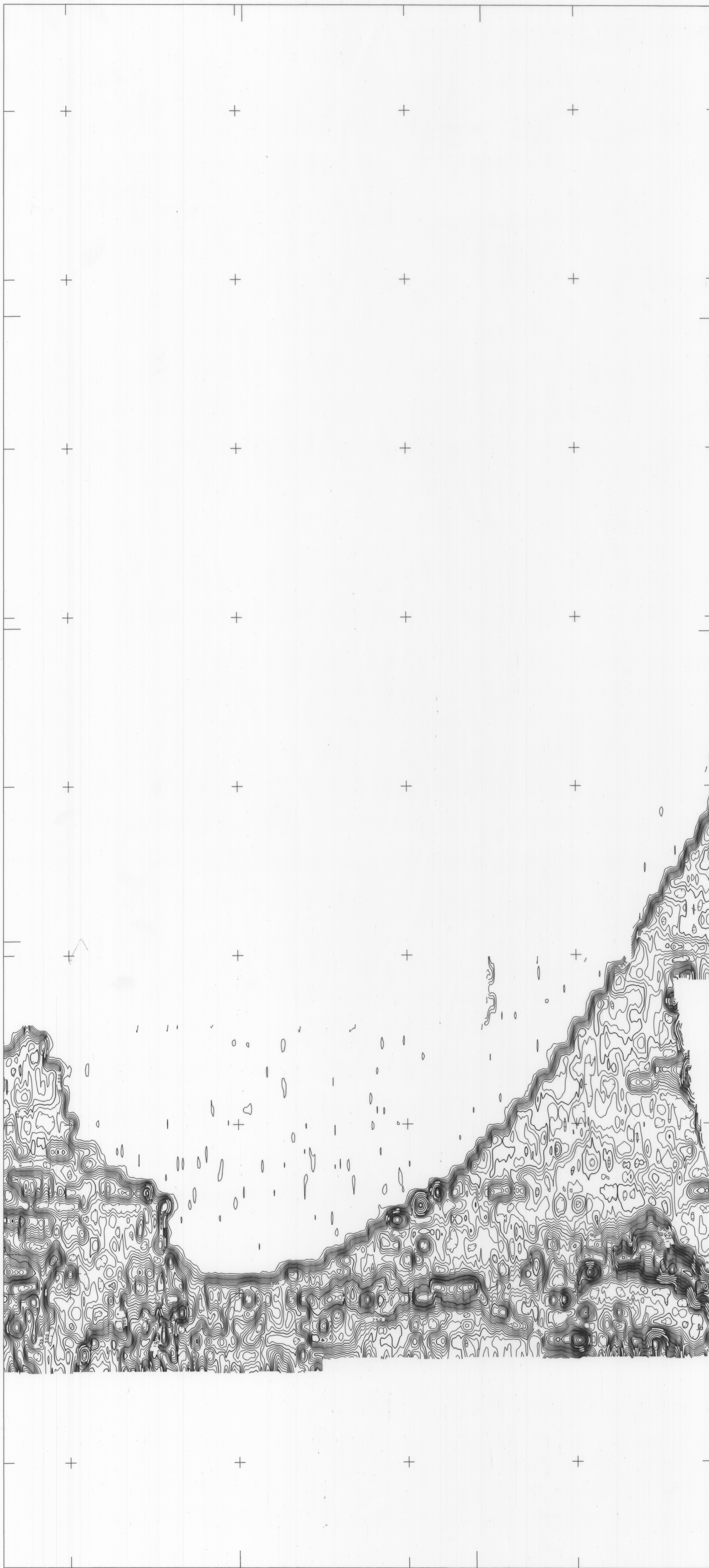
40°45'00"S

40°50'00"S

40°55'00"S

41°00'00"S

41°05'00"S



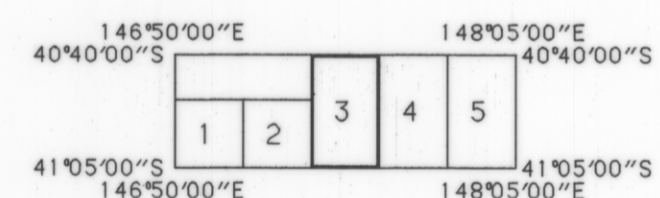
147°20'00"E 147°25'00"E 147°30'00"E 147°35'00"E

AIRBORNE SURVEY SPECIFICATIONS

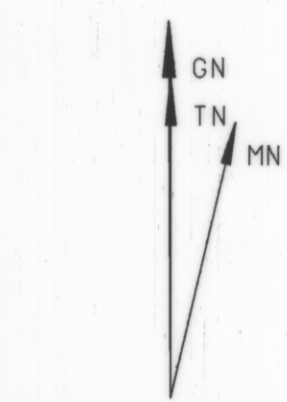
MAGNETOMETER : Cesium Vapour optical absorption  
Sensitivity : 0.001 nT  
Recording Interval : 0.1 sec (approx 7 m sampling)  
at mean ground speed of 250 km/hour  
SPECTROMETER : Nuclear Data 255 channel ADC  
Volume : 33.6 litres  
0.4 - 3.00 MeV  
TOTAL COUNT WINDOW : 1.35 - 1.59 MeV  
POTASSIUM WINDOW : 1.46 - 1.59 MeV  
URANIUM WINDOW : 2.42 - 2.82 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 : Canberra MACOS acquisition system  
Digital to magnetic tape  
NOMINAL TERRAIN CLEARANCE : 80 m detector to aircraft at 80 m  
NOMINAL LINE SPACING : Traverse lines 400 m  
FLIGHT PATH NAVIGATION : SERCEL WDS100 Real time UHF Differential  
GPS system with SINGER KEARFOOT AWASIN 128  
Doppler system with SPERRY C12 compass and  
30° vertical gyro  
FLIGHT PATH RECORD : XY coordinates computed from WGS84 lat/long  
coordinates recorded by SERCEL WDS100 Real  
time UHF Differential GPS system

TOTAL COUNT CONTOURS

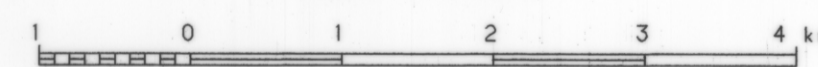
Grid notation refers to Australian Map Grid Zone 55  
Radiometrics : Cosmic and aircraft background  
removed  
Live time corrected  
Temperature corrected  
Channel corrected  
Alpha - 0.419  
Beta - 0.385  
Gamma - 0.693  
Height attenuated to 80 metres  
Mean terrain clearance  
Total Count - 0.00617/metre  
Potassium Count - 0.00738/metre  
Uranium Count - 0.00585/metre  
Thorium Count - 0.00659/metre  
Alpha - 0.00659/metre  
Beta - 0.00659/metre  
Gamma - 0.00659/metre  
Grid mesh size : 50 metres  
Grid filter : None  
Contour interval : 50, 250 and 1000 cps



CROWN COPYRIGHT RESERVED



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  
TOTAL COUNT CONTOURS  
LAUNCESTON SK55-4  
SHEET 3 OF 5

CREATED : MP DRAWING NO :  
CHECKED : MS DATE : 28-JAN-1994