

5 cm

510000E

515000E

520000E

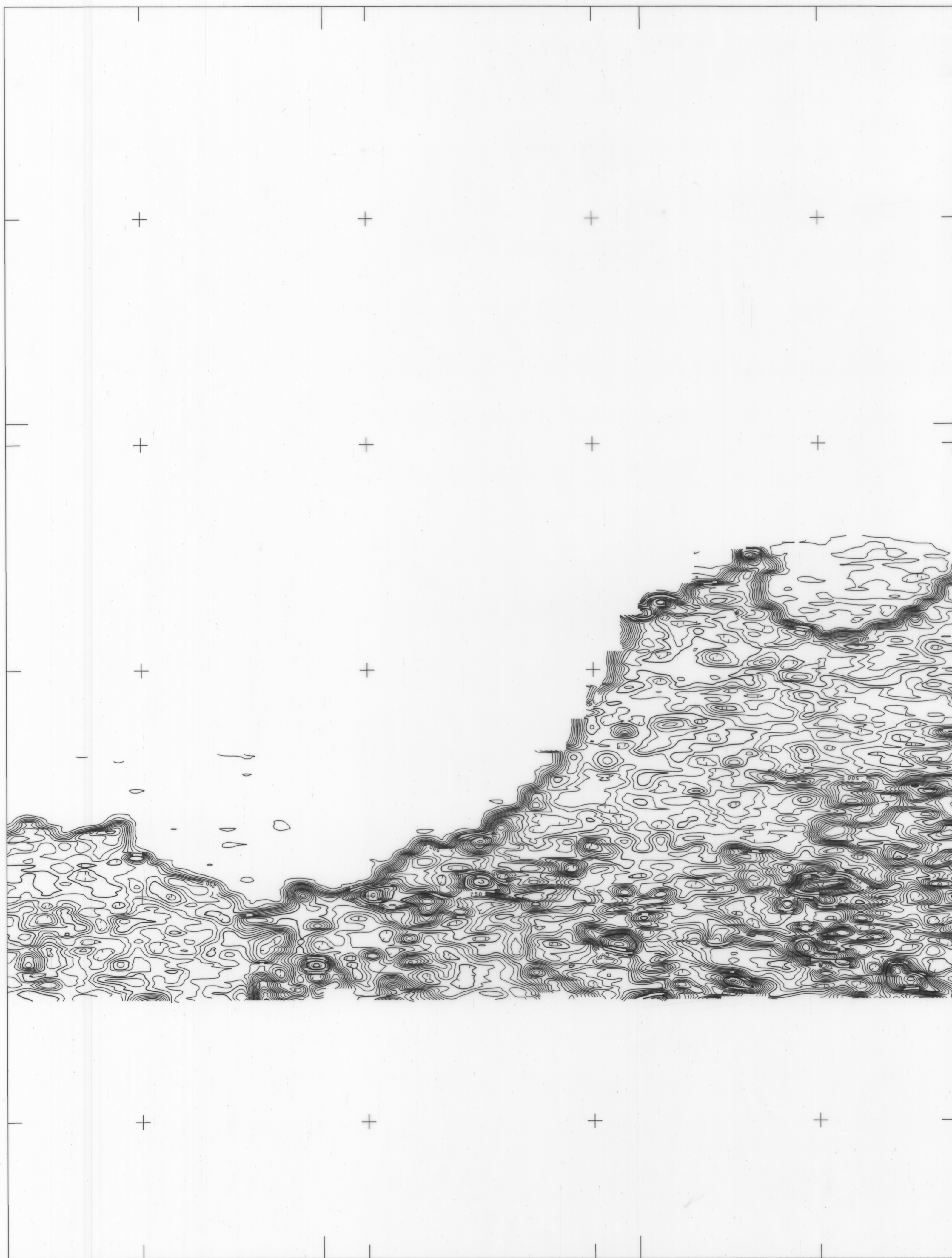
525000E

40°50'00"S

40°55'00"S

41°00'00"S

41°05'00"S



AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : Caesium 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 236 channel ADC
Volume : 33.6 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 - 2.82 MeV
RECORDING INTERVAL : 1.0 sec (approx 70 m sampling)
at mean ground speed of 250 km/hour
DATA RECORDING : Geotrex 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 REARFOOT AN/ASN 128
Doppler system with SPERRY C12 compass and
VG14 vertical gyro
FLIGHT PATH RECORD : XY coordinates computed from WGS84 lat/long
coordinates recorded by SERCEL NDS100 Real
time UHF Differential GPS system

5475000N

TOTAL COUNT CONTOURS

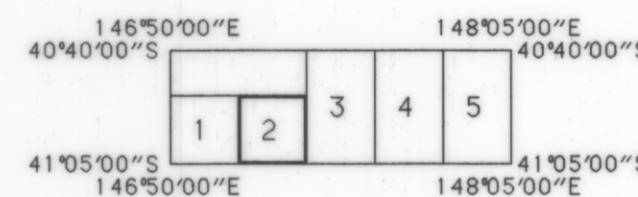
Grid notation refers to Australian Map Grid Zone 55
Radiometrics : Cosmic and aircraft background
removed
Live time corrected
Temperature corrected
Compton corrected
Alpha - 0.419
Beta - 0.385
Gamma - 0.693
Height attenuated to 80 metres
mean terrain clearance
Total Count - 0.00617/metre
Potassium Count - 0.00759/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

5470000N

5465000N

5460000N

5455000N

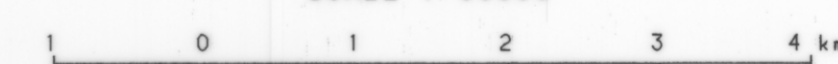


CROWN COPYRIGHT RESERVED



Grid Convergence = -0.14'
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
TOTAL COUNT CONTOURS
LAUNCESTON SK55-4
SHEET 2 OF 5

5480B

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

147°05'00"E

147°10'00"E

147°15'00"E

147°20'00"E