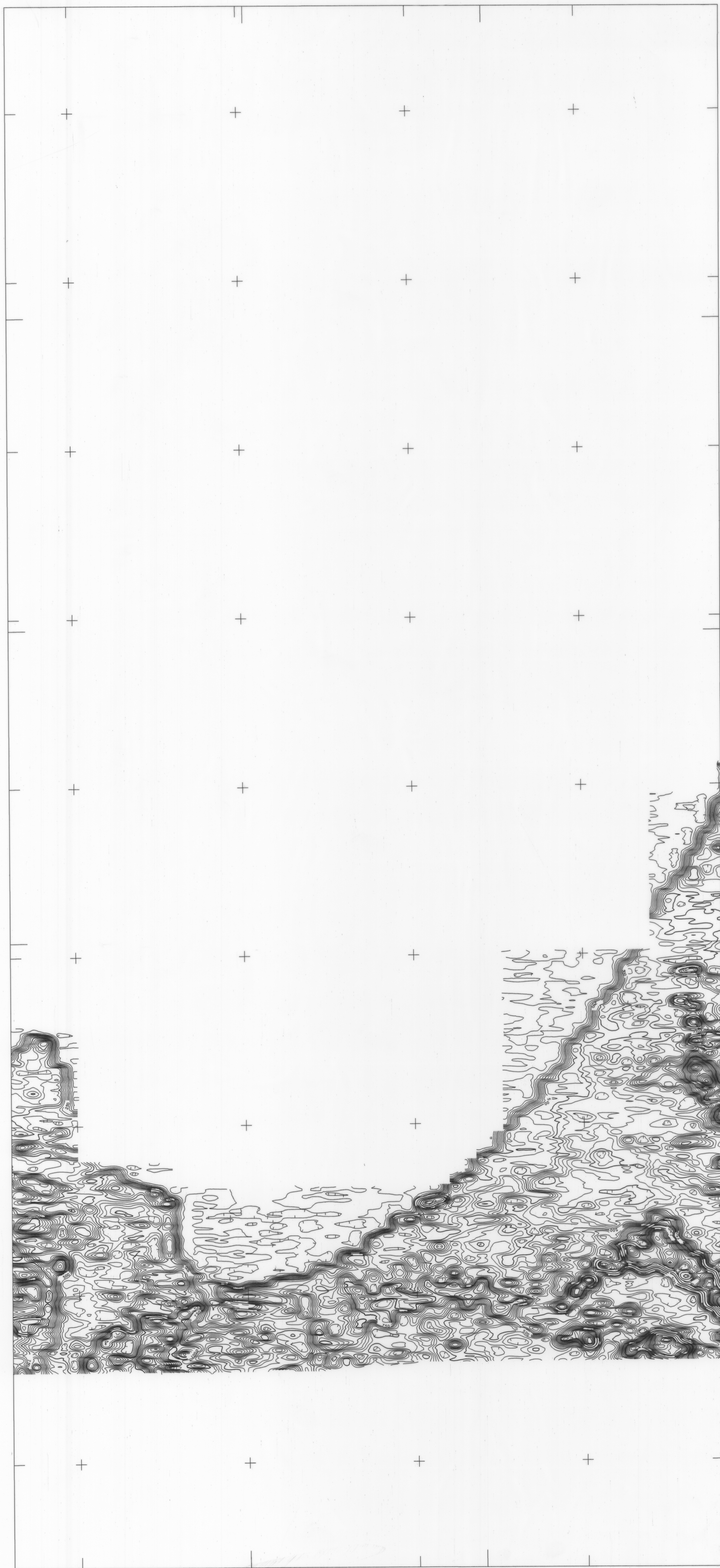


5 cm

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



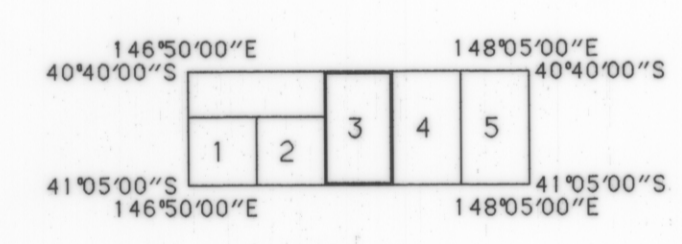
AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER * Cassini Vapour optical absorption
Sensitivity: 0.001 at
RECORDING INTERVAL * 0.1 sec (approx 7 m sampling)
at mean ground speed of 250 km/hour
SPECTROMETER * Nuclear Data 256 channel ADC
Volume: 33.6 litres
TOTAL COUNT WINDOW * 0.4 - 3.00 MeV
POTASSIUM WINDOW * 1.35 - 1.57 MeV
URANIUM WINDOW * 1.65 - 1.89 MeV
THORIUM WINDOW * 2.40 - 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 * Transverse lines 400 m
FLIGHT PATH NAVIGATION * Line lines 400 m
SERCEL NDS100 Real time UHF Differential
GPS system with SINGER KEARFOTT AN/ASN 128
Doppler system with SPERRY G12 compass and
VG14 vertical gyro
FLIGHT PATH RECORD * XY coordinates computed from MOSS4 lat/long
coordinates recorded by SERCEL NDS100 Real
time UHF Differential GPS system

TOTAL COUNT CONTOURS

Grid notation refers to Australian Map Grid Zone 55
Radioactive * Cosmic and aircraft background
removed
Live time corrected
Temperature corrected
Caption corrected
Alpha - 0.615
Beta - 0.385
Gamma - 0.655
Height attenuated to 80 metres
rough terrain clearance
Total Count - 0.00617/metre
Potassium Count - 0.00755/metre
Uranium Count - 0.00585/metre
Thorium Count - 0.00665/metre
Alpha
Beta
Gamma
Grid mesh size * 50 x 50 metres
Grid Filter *
Contour interval * 50, 250 and 1000 spp

5495000N
5490000N
5485000N
5480000N
5475000N
5470000N
5465000N
5460000N
5455000N

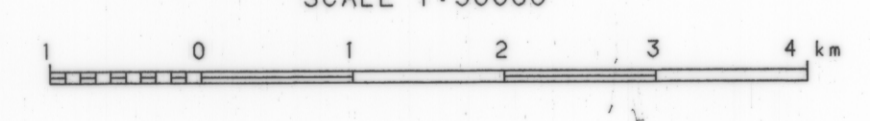


CROWN COPYRIGHT RESERVED



Grid Convergence = -0.30'
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 3 OF 5

CREATED: JHP
CHECKED: HS
DRAWING NO:
DATE: 28-JAN-1994

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