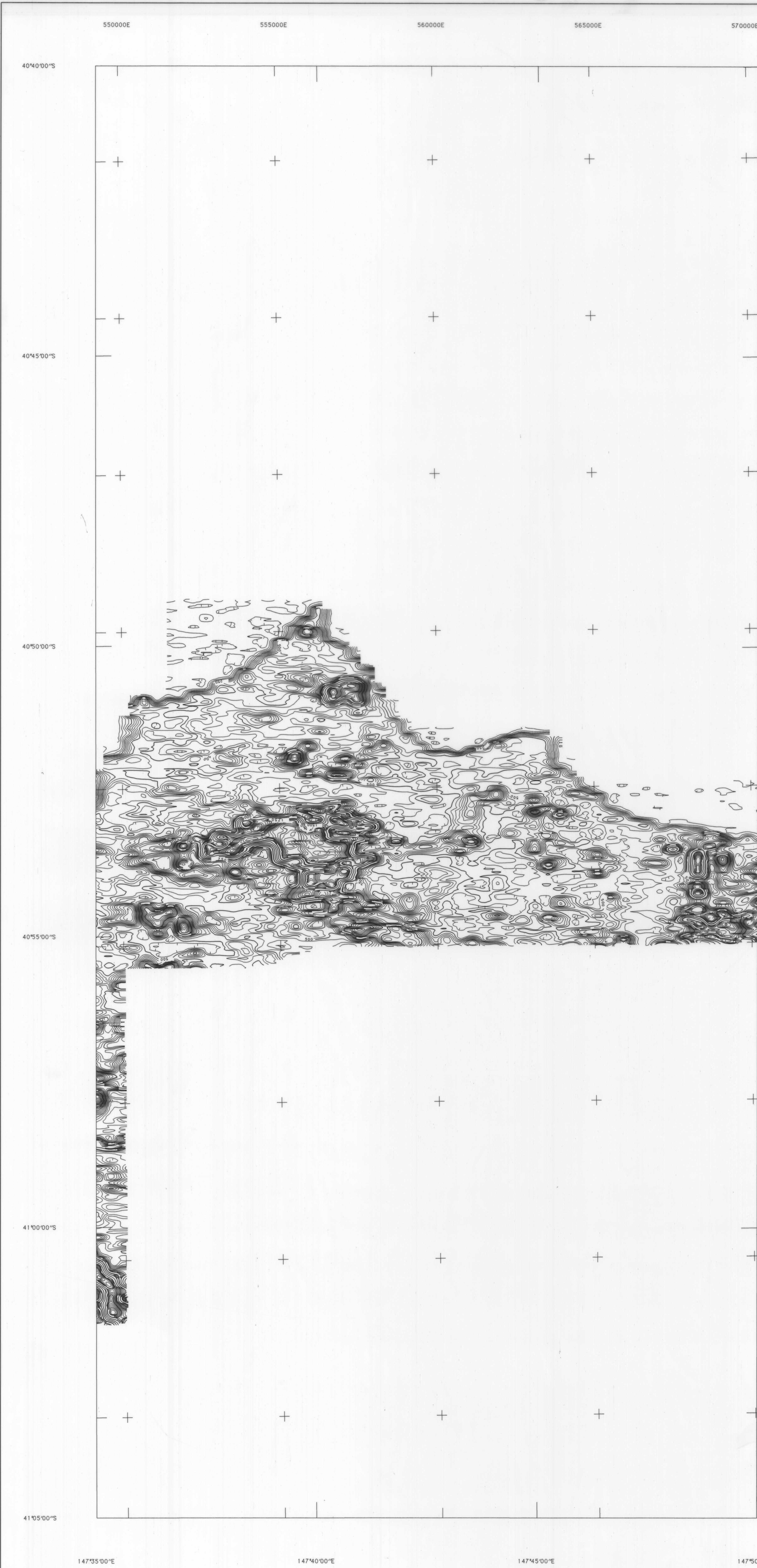


5 cm



AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER * Caesium Vapour optical absorption
Sensitivity = 0.001 at
0.1 sec (approx 7 m sampling)
at mean ground speed of 250 km/hour

RECORDING INTERVAL * Nuclear Data 256 channel ADC

SPECTROMETER *
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 - 2.62 MeV

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

DATA RECORDING * Geoterra PADACS acquisition system
Digital for magnetic tape
Both detectors in aircraft at 80 m
Traverse lines 400 m

NOMINAL TERRAIN CLEARANCE * 118 Lines 400 Real time UHF Differential
GPS system with SINGER REARFOOT AN/ASW 128
Display system with SPERRY CIO compass and
VG14 vertical gyro

FLIGHT PATH NAVIGATION * XT coordinates computed from WGS84 lat/long
coordinates recorded by SERCEL NDS100 Real
time UHF Differential GPS system

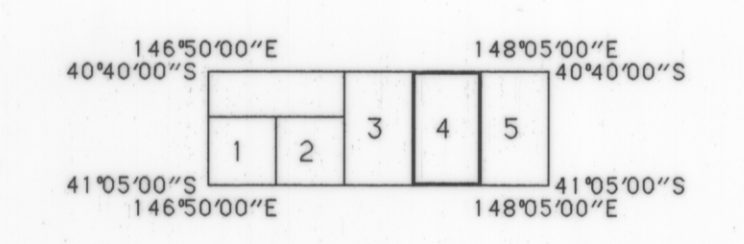
FLIGHT PATH RECORD * SERCEL NDS100 Real time UHF Differential
GPS system with SINGER REARFOOT AN/ASW 128
Display system with SPERRY CIO compass and
VG14 vertical gyro

TOTAL COUNT CONTOURS

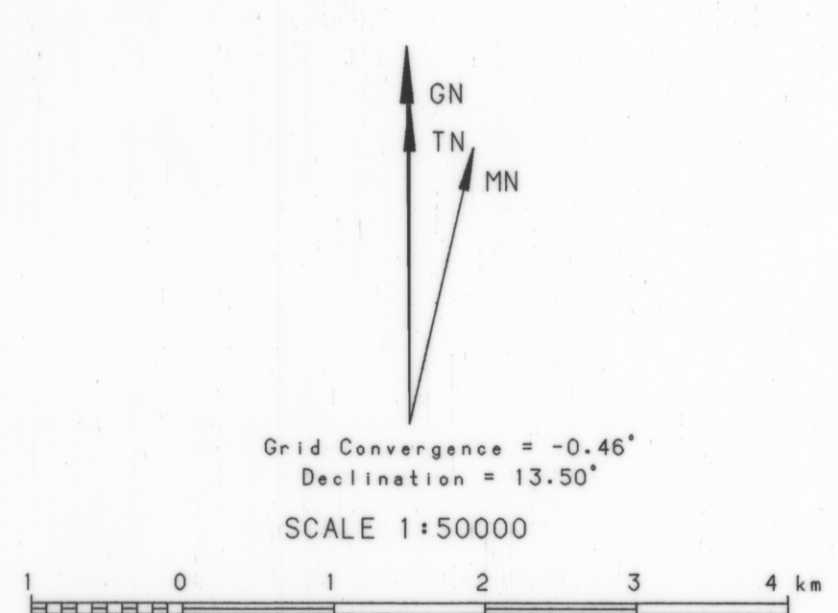
Grid notation refers to Australian Map Grid Zone 55
Radiometrics * Cosmic and aircraft background
removed
Live time corrected
Temperature corrected
Compton corrected
Alpha = 0.419
Beta = 0.385
Gamma = 0.055
Height attenuated to 80 metres
map terrain clearance

Total Count = 0.00617/metre
Potassium Count = 0.00258/metre
Uranium Count = 0.00285/metre
Thorium Count = 0.00065/metre
Alpha = 0.00065/metre

Grid mesh size * 50 x 50 metres
Grid filter * None
Contour interval * 50, 250 and 1000 cps



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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 4 OF 5

CREATED : MP
CHECKED : MS

DRAWING NO :
DATE : 28-JAN-1994