

AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : Cruise Vector 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 : 33.0 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 : Geoterra PADACS acquisition system
Digital to magnetic tape

NOMINAL TERRAIN CLEARANCE : Both detectors in aircraft at 80 m
Nominal Line Spacing : 400 m

FLIGHT PATH NAVIGATION : SERCEL NDS100 Real time UHF Differential
GPS system with SINGER REARFOIT AM/ASIN 128
Counter system with SPERRY C12 counter and
VGL4 vertical gpr

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

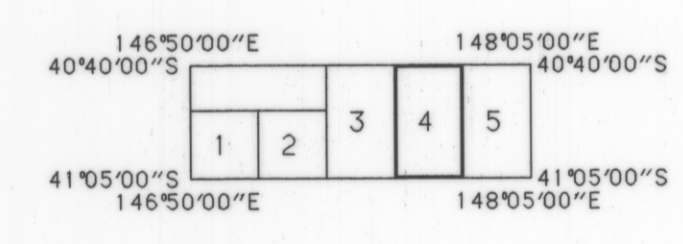
TOTAL COUNT CONTOURS

Grid notation refers to Australian Map Grid Zone 55
Radiometrics : Cosmic and aircraft background
removed
Line time corrected
Temperature corrected
Compton corrected
Alpha - 0.418
Beta - 0.385
Gamma - 0.663

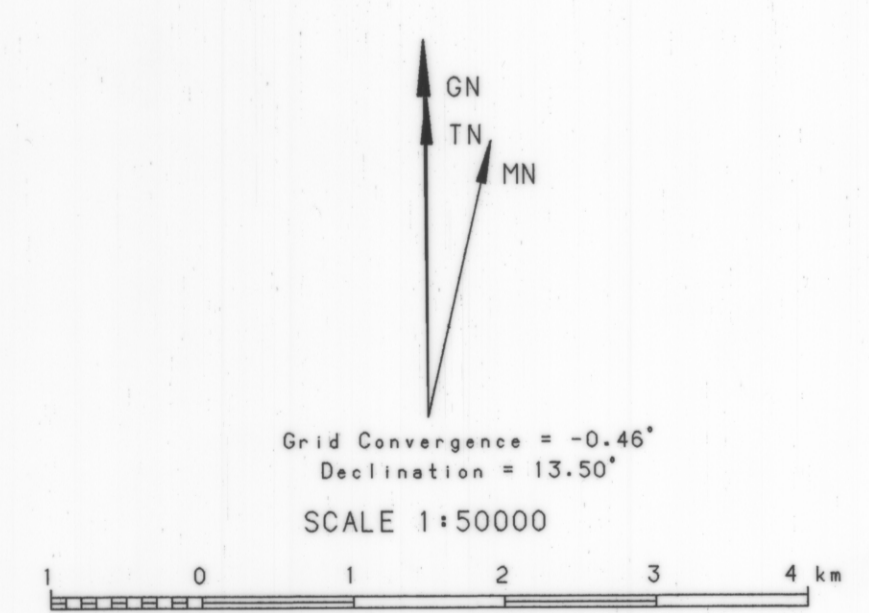
Height attenuated to 80 metres
mean terrain clearance

Isotop Count - 0.00617/metre
Potassium Count - 0.00738/metre
Uranium Count - 0.00585/metre
Thorium Count - 0.00653/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 EW LINES
TOTAL COUNT CONTOURS
LAUNCESTON SK55-4
SHEET 4 OF 5

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