

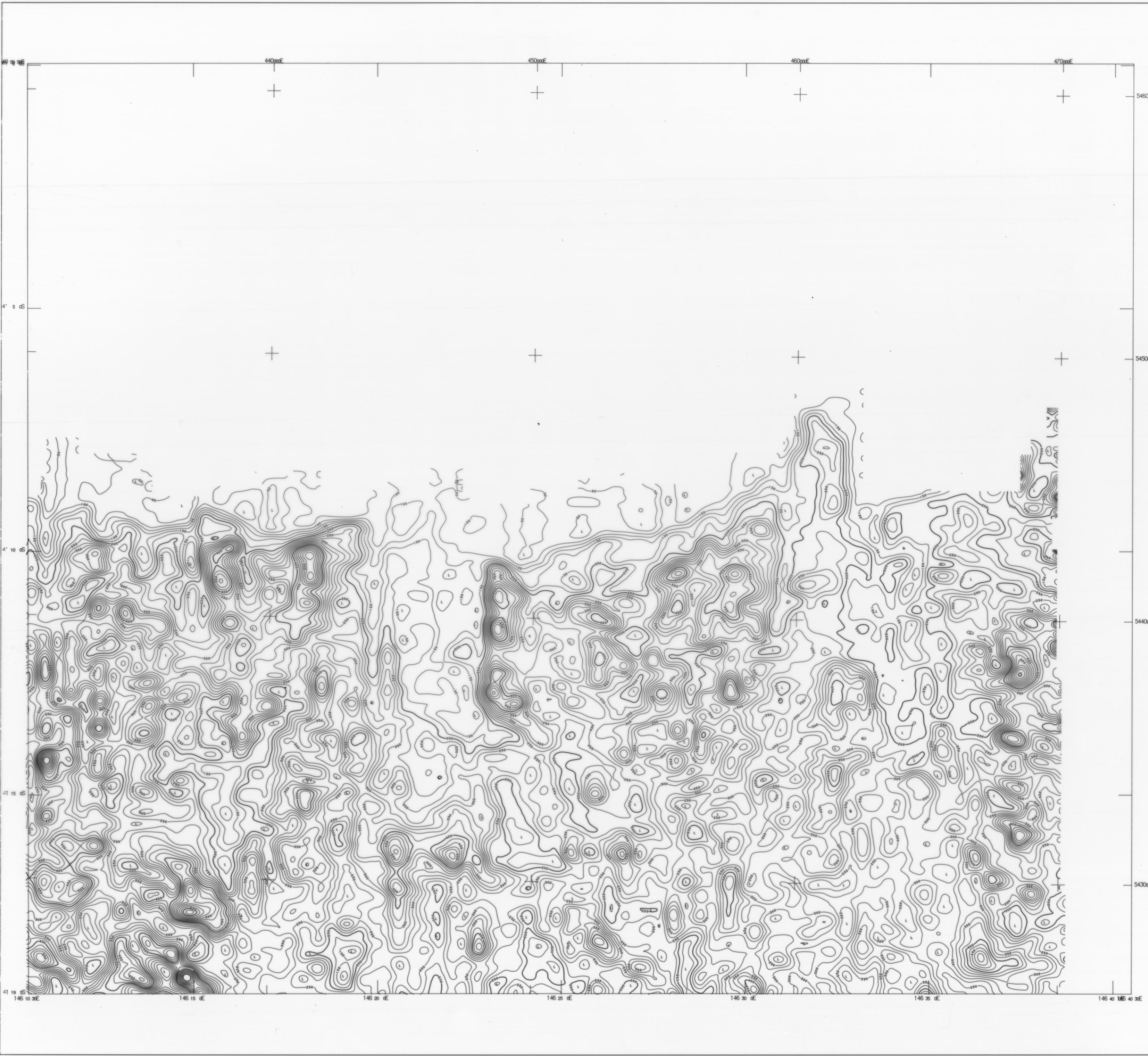
5156 A

1:100,000 370

5156 A

150,000

5 cm



AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : 3 G-813 proton precession magnetometers in tail stinger and wing tips.
Sensitivity ± 0.2 nT
30m sampling

RECORDING INTERVAL : 60m sampling

SPECTROMETER : GR - 800 gamma ray spectrometer
Volume : 15.0 litres

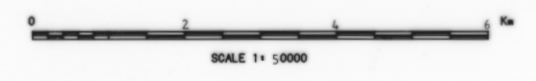
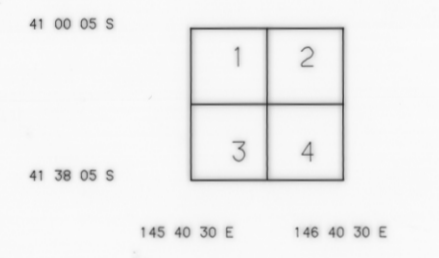
TOTAL COUNT WINDOW : 0.8
POTASSIUM WINDOW : 1.36 - 1.56 MeV
URANIUM WINDOW : 1.66 - 1.86 MeV
THORIUM WINDOW : 2.42 - 2.82 MeV
RECORDING INTERVAL : 60m sampling

DATA RECORDING : Geometric 714 acquisition system.
Digital to magnetic tape.

NOMINAL TERRAIN CLEARANCE : All detectors in aircraft at 150m.
NOMINAL LINE SPACING : Transverse lines 500 metres.
Line lines 10 km.

FLIGHT PATH RECORD : continuous tracking colour video.
FLIGHT LINE RECOVERY : Visually to 1:100,000 accuracy with Doppler interpolation between recovered points

TOTAL COUNT CONTOURS
Grid notation refers to Australian Map Grid Zone 55
Digitized from mosaic at 1:100,000
Radiometrics : background removed on a flight basis
Corrected for Compton Scattering
Height corrected to survey height
Grid mesh size 100 x 100 metres
Grid filter : Polynomial, radius 300 metres
Contour Interval 25,50,100,200 and 1000 cps



JOB NO : 9312
Flown by Geometrics International Corporation
November 1985
Processed by Engineering Computer Services, Beaufort

TASMANIAN MINES DEPARTMENT

DEVONPORT AREA
TOTAL COUNT CONTOURS
SHEET TWO

DATE: 23-MAY-86

5156-A