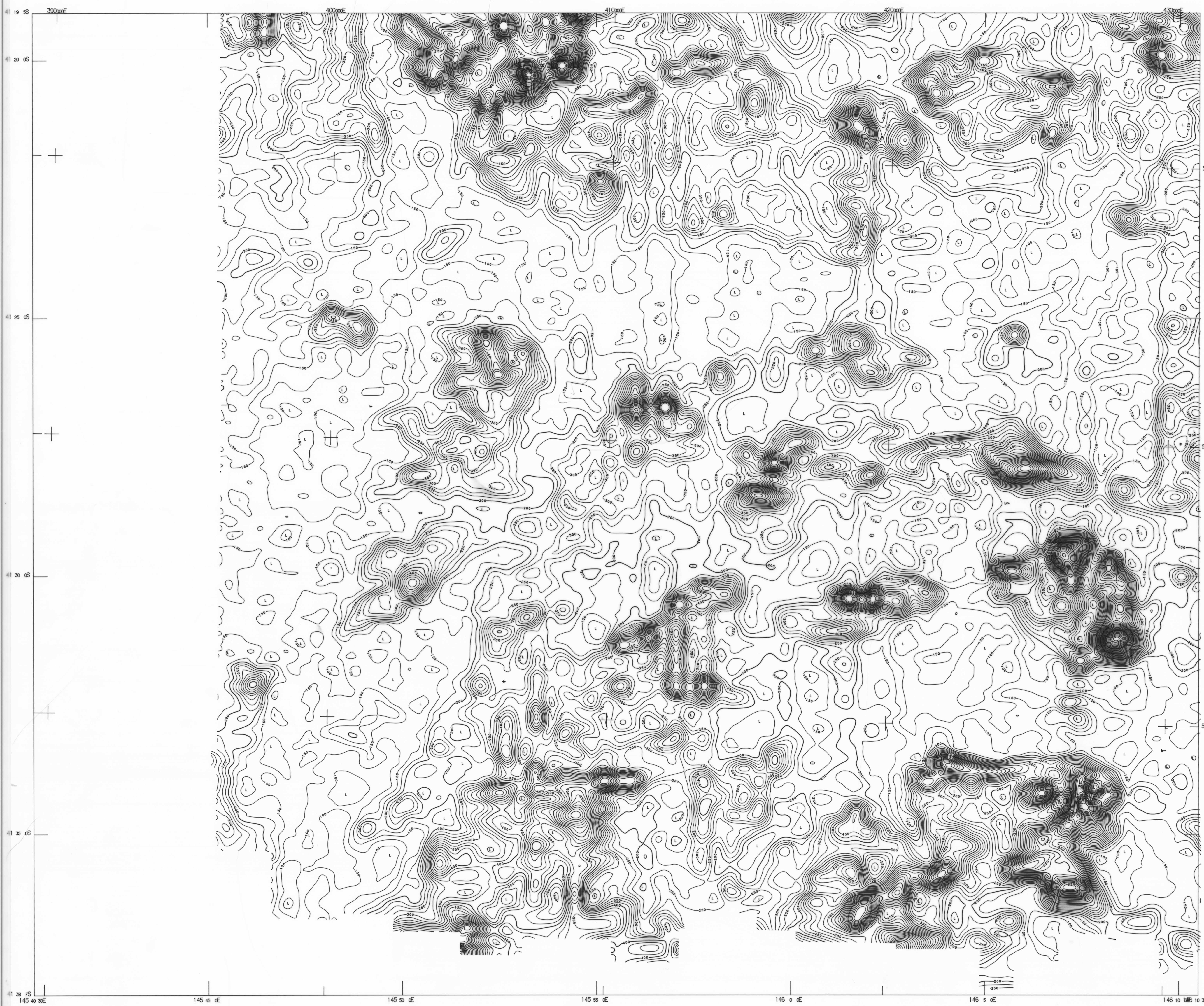


ORIGINAL

5157 A
1:50,000

VERTICAL
No. 2



AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : 3 0-813 proton precession magnetometers in tail stinger and wing tips. Sensitivity 1.0-2 nT

RECORDING INTERVAL : 30m sampling

SPECTROMETER : GR - 800 gamma ray spectrometer Volume 116.8 litres

TOTAL COUNT WINDOW : 0.8 - 3.00 MeV

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 : Geometrics 714 acquisition system. Digital to magnetic tape.

NOMINAL TERRAIN CLEARANCE : All detectors in aircraft at 150m.

NOMINAL LINE SPACING : Traverse lines 500 metres. Tie lines 10 km.

FLIGHT PATH RECORD : continuous tracking colour video.

FLIGHT LINE RECOVERY : Visually to 1:100,000 mosaic with Doppler interpolation between recovered points

TOTAL COUNT CONTOURS

Grid notation refers to Australian Map Grid Zone 55

Digitised from mosaic at 1:100,000

Radiometric : background removed on a flight basis

Corrected for Compton Scattering

Height corrected to survey height

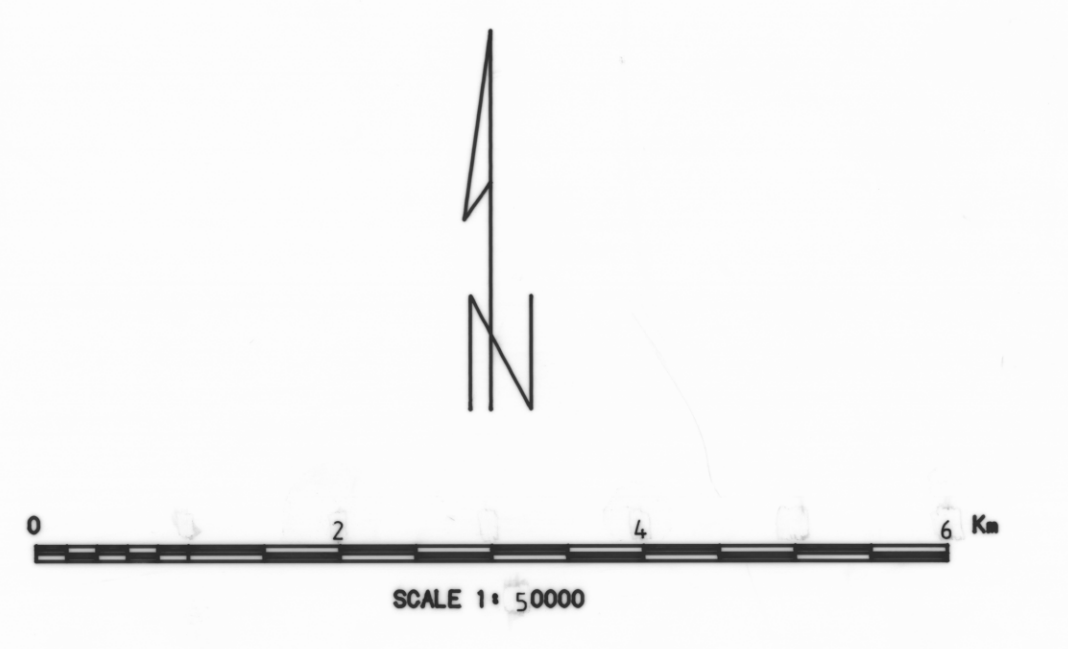
Grid mesh size 100 x 100 metres

Grid filter Polynomial, radius 300 metres

Contour Interval 25, 50, 100, 200 and 1000 ops

41 00 05 S	1	2
41 38 05 S	3	4

145 40 30 E 146 40 30 E



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

TASMANIAN MINES DEPARTMENT

DEVONPORT AREA
 TOTAL COUNT CONTOURS
 SHEET THREE

DATE: 23-MAY-86