

AIRBORNE SURVEY SPECIFICATIONS

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

RECORDING INTERVAL : 30m sampling

SPECTROMETER : GR - 800 gamma ray spectrometer
Volume ± 16.8 litres

TOTAL COUNT WINDOW : 0.8 - 3.00 MeV

POTASSIUM WINDOW : 1.38 - 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 mosaics with Doppler interpolation between recovered points

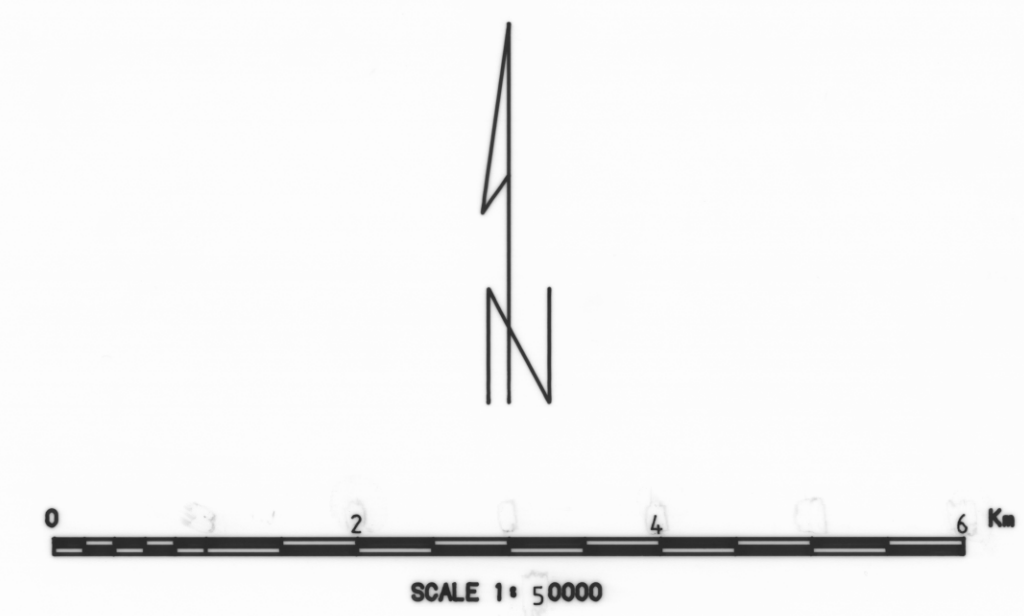
RESIDUAL MAGNETIC CONTOURS

Grid notation refers to Australian Map Grid Zone 55
Digitised from mosaics at 1:100000

Magnetic *Tie Line Levelled.
IGRF (1980) *Updated to November 1985
IGRF (1980) *Removed, Datum 2000 nT added
Grid mesh size *100 x 100 metres
Grid filter *Polynomial; radius 150 metres
Contour interval 5,10,50,100 and 200 nT

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, Bawral

TASMANIAN MINES DEPARTMENT

**DEVONPORT AREA
RESIDUAL MAGNETIC CONTOURS
SHEET TWO**

DATE: 29-APR-86

ORIGINAL

5156 B
1:50,000

DIVERSITY
