

AIRBORNE SURVEY SPECIFICATIONS

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

RECORDING INTERVAL :

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

TOTAL COUNT WINDOW : 0.8 - 3.00 MeV

POTASSIUM WINDOW : 1.35 - 1.55 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.

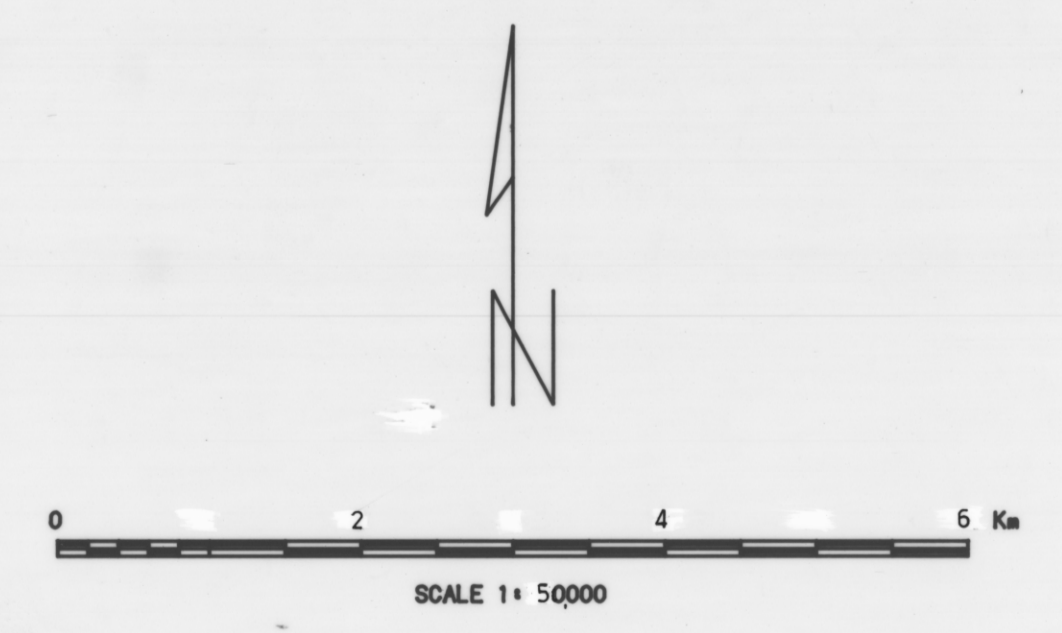
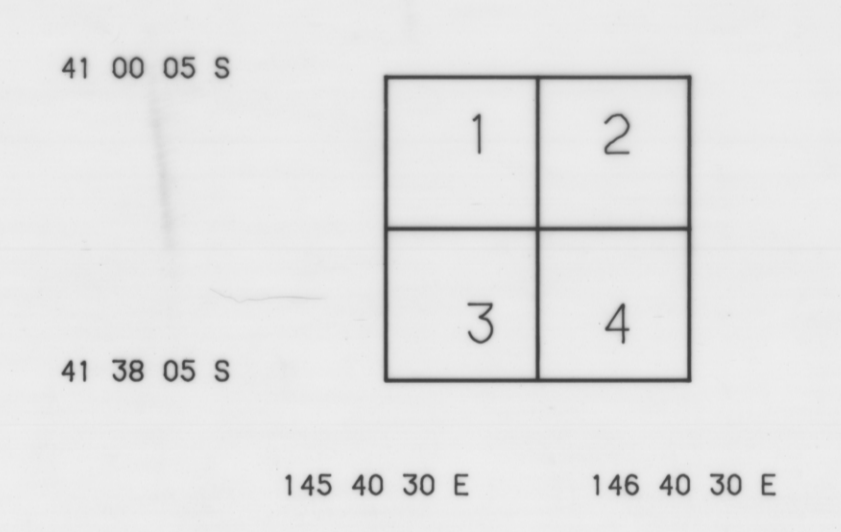
NOMINAL LINE SPACING : Traverse lines 500 metres.
Tie lines 10 km.

FLIGHT PATH RECORD : continuous tracking colour video.

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

RESIDUAL MAGNETIC CONTOURS
Grid notation refers to Australian Map Grid Zone 55
Digitised from mosaic at 1:100000

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



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

TASMANIAN MINES DEPARTMENT

**DEVONPORT AREA
RESIDUAL MAGNETIC CONTOURS
SHEET THREE**

DATE : 29-APR-86

5157 B
374
1:50,000

OVERSIZE
MAP SHEET
NO. 2

5 km