

AIRBORNE SURVEY SPECIFICATIONS

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

RECORDING INTERVAL : 30m sampling

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

TOTAL COUNT WINDOW : 0.8 - 3.00 MeV

POTASSIUM WINDOW : 1.36 - 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.

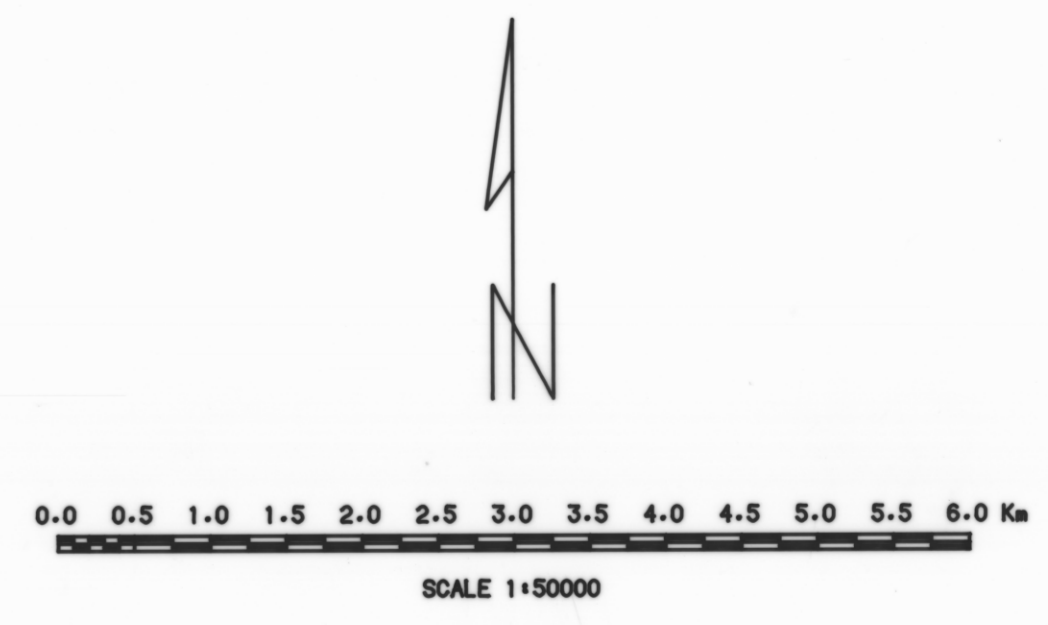
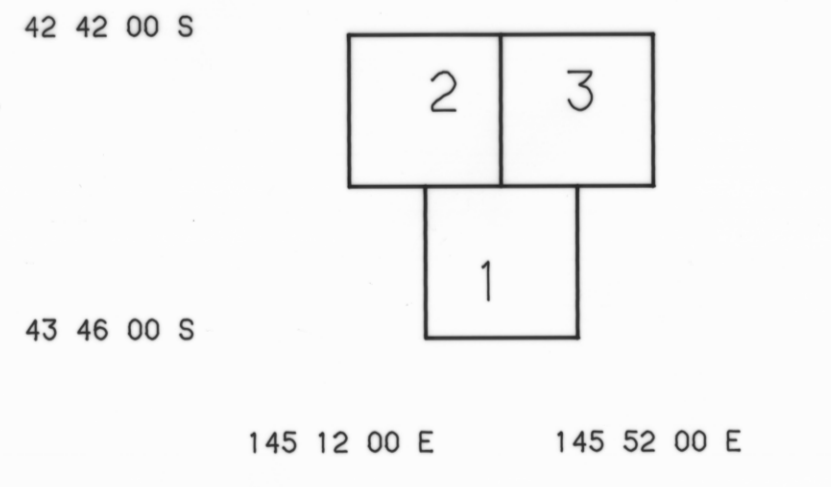
NOMINAL LINE SPACING : Traverse lines 500 metres.
Tie lines 10 km.

FLIGHT PATH RECORD : continuous tracking colour video.

FLIGHT LINE RECOVERY : Visually to topographic maps at 1:50000 with doppler interpolation between recovered points.

SHEET TWO

TOTAL COUNT CONTOURS
Grid notation refers to Australian Map Grid Zone 55
Digitized from colour photos at 1:50000
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 nT



JOB NO : 8312
Flown by Geometrics International Corporation
November 1985
Processed by Engineering Computer Services, Bowral

TASMANIAN MINES DEPARTMENT

**WESTERN TASMANIA
TOTAL COUNT CONTOURS
SHEET TWO**

DATE: 27-APR-86

ORIGINAL
5cm
5160 A
114
1:50,000