

AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : 3 G-B13 proton precession magnetometers in tail stinger and wing tips.
Sensitivity ± 0.2 nT
30m sampling

RECORDING INTERVAL :

SPECTROMETER : GR - 800 gamma ray spectrometer
Volume - 15.8 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 - 2.52 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 : 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 ONE

TOTAL COUNT CONTOURS

Grid notation refers to Australian Map Grid Zone 55

Digitised from colour photos at 1:50000

Radiometric background removed on a flight basis

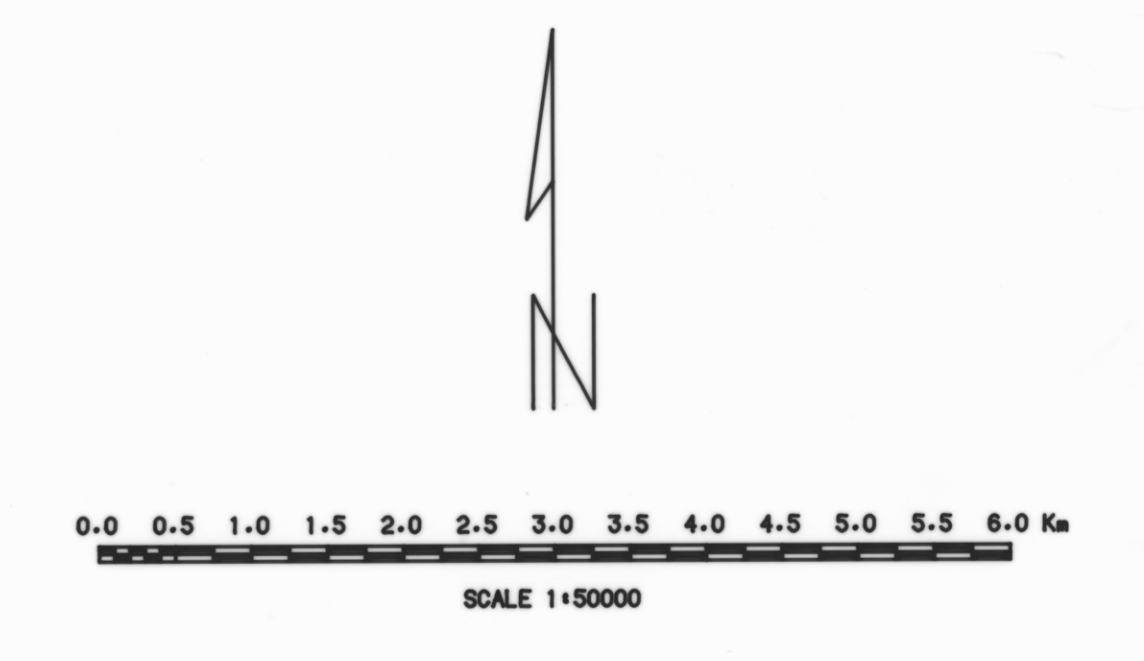
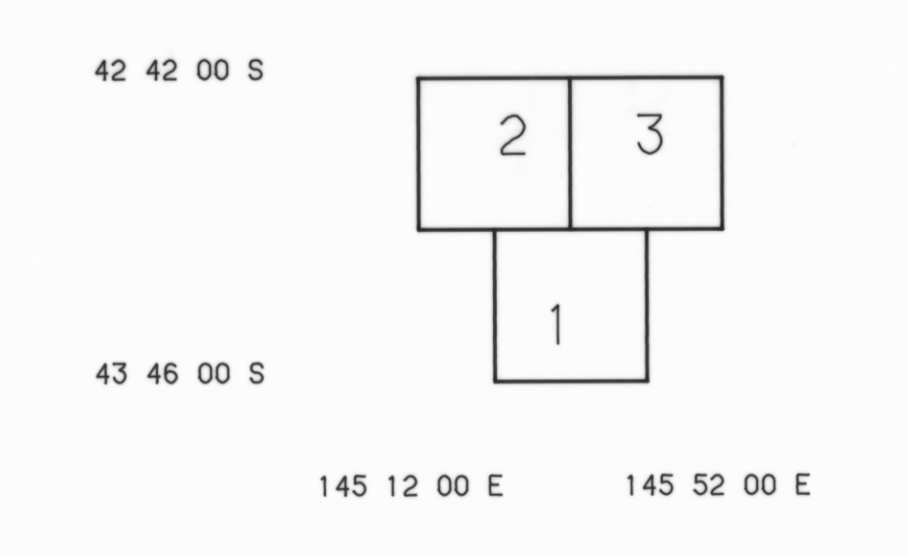
Corrected for Compton Scattering

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 cps



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

TASMANIAN MINES DEPARTMENT

**WESTERN TASMANIA
TOTAL COUNT CONTOURS
SHEET ONE**

DATE: 27-APR-86

ORIGINAL
5 cm

5159 A
109
150,000

VERTICAL