

**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** \* GE - 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 THREE**

**TOTAL COUNT CONTOURS**

Grid notation refers to Australian Map Grid Zone 55

Digitized from colour photos at 1:50000

Redimetric background removed on a flight basis

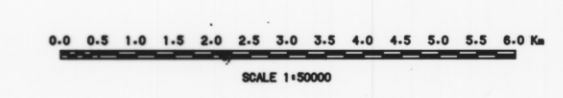
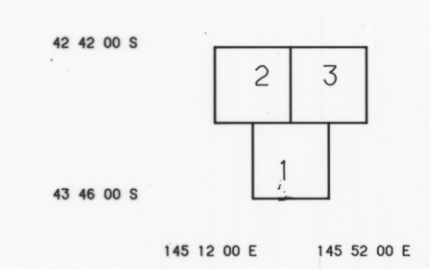
\*Corrected for Compton Scattering

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 \* 5312  
Flown by Geometrics International Corporation  
November 1985  
Processed by Engineering Computer Services, Boreal

**TASMANIAN MINES DEPARTMENT**

**WESTERN TASMANIA**  
**TOTAL COUNT CONTOURS**  
**SHEET THREE**

DATE \* 27-APR-86