

**AIRBORNE SURVEY SPECIFICATIONS**

**MAGNETOMETER :** 3 0-613 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.  
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

**Radionuclides** \*background removed on a \*flight basis

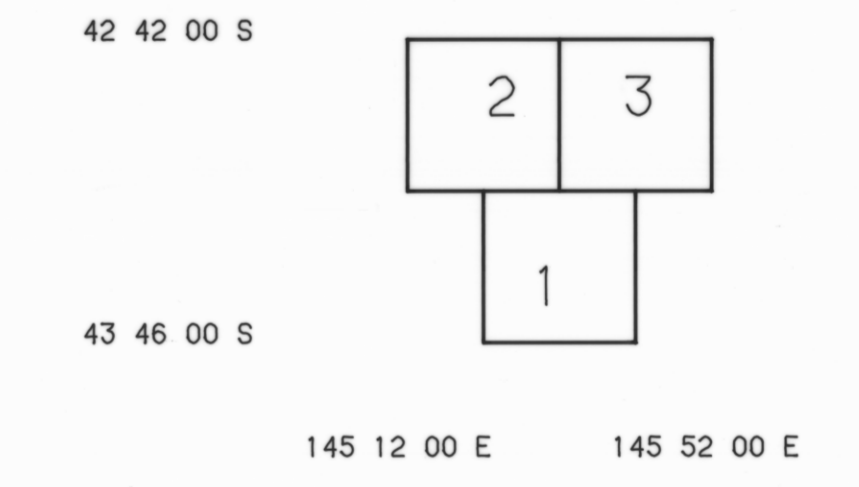
\*Corrected for Compton Scattering

\*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 mps



0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 Km

SCALE 1:50000

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 THREE**

DATE: 27-APR-86

ORIGINAL  
5 cm

5161 A  
1:50,000

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OVERSIZE  
VERTICAL  
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