

**AIRBORNE SURVEY SPECIFICATIONS**

**MAGNETOMETER** \* 3 0-813 proton precession magnetometers in tail stinger and wing tips.  
Sensitivity \* 0.2 nT  
30m sampling

**RECORDING INTERVAL** \* 30m

**SPECTROMETER** \* GE - 800 gamma ray spectrometer  
Volume \* 16.8 litre

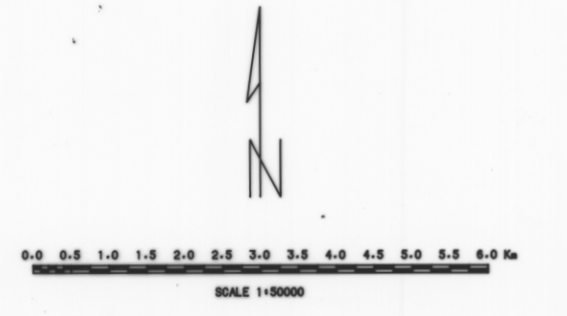
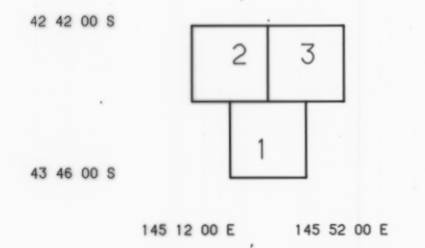
**TOTAL COUNT WINDOW** \* 0.8 - 3.00 MeV  
**POTASSIUM WINDOW** \* 1.36 - 1.56 MeV  
**URANIUM WINDOW** \* 1.66 - 1.86 MeV  
**THORIUM WINDOW** \* 2.42 - 2.82 MeV  
**RECORDING INTERVAL** \* 60m sampling

**DATA RECORDING** \* Geometrics 714 acquisition system.  
Digital to magnetic tape.

**NOMINAL TERRAIN CLEARANCE** \* All detectors in aircraft at 150m.  
**NOMINAL LINE SPACING** \* Traverses lines 500 metres.  
Tie lines 10 m.

**FLIGHT PATH RECORD** \* continuous tracking colour video.  
**FLIGHT LINE RECOVERY** \* Visually to topographic maps at 1:50000

**SHEET ONE**  
**RESIDUAL MAGNETIC CONTOURS**  
Grid notation refers to Australian Map Grid Zone 55  
Digitized from colour photos at 1:50000  
Magnetic \* diurnal removed  
\* and tie line levelled  
IGRF (1980) \* Updated to December 1985  
IGRF (1980) \* Removed, Delta 2000 nT added  
Grid mesh size \* 100 x 100 metres  
Grid Fitter \* 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, Beeral

**TASMANIAN MINES DEPARTMENT**

**WESTERN TASMANIA**  
**RESIDUAL MAGNETIC CONTOURS**  
**SHEET ONE**

DATE \* 21-MAR-86