

AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : 3 G-813 proton precession magnetometers in tail altimeter and wing tips.
Sensitivity : 0.2 nT
30m sampling

RECORDING INTERVAL : 30m

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

TOTAL COUNT WINDOW : 0.8 - 3.00 MeV

POTASSIUM WINDOW : 1.36 - 1.58 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.

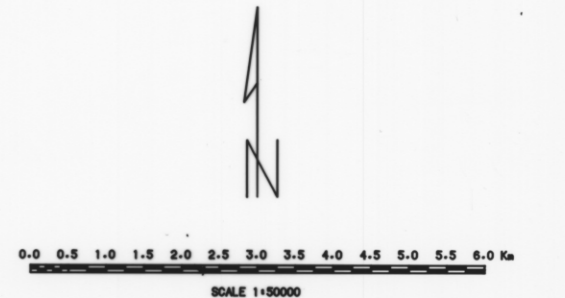
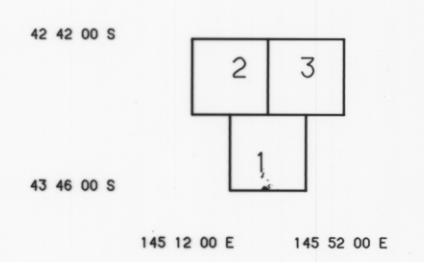
NOMINAL TERRAIN CLEARANCE : All detectors in aircraft at 150m.

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
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 spp



JOB NO : 9312
Flown by Geometrics International Corporation
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TASMANIAN MINES DEPARTMENT

WESTERN TASMANIA
TOTAL COUNT CONTOURS
SHEET TWO