

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 * GR - 800 gamma ray spectrometer
Volume ± 16.8 litres

TOTAL COUNT WINDOW * 0.8 - 3.00 MeV

POTASSIUM WINDOW * 1.38 - 1.56 MeV

URANIUM WINDOW * 1.66 - 1.86 MeV

THORIUM WINDOW * 2.42 - 2.82 MeV

RECORDING INTERVAL * 60m sampling

DATA RECORDING * Geometric 714 acquisition system.
Digital to magnetic tape.

NOMINAL TERRAIN CLEARANCE * All detectors in aircraft at 150m.
Trackline lines 500 metres.

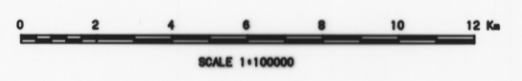
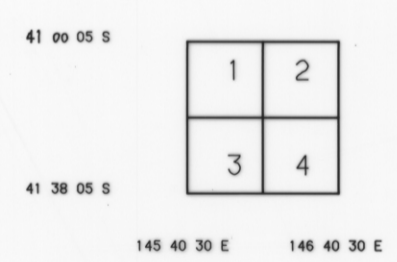
NOMINAL LINE SPACING * Tie lines 10 km.

FLIGHT PATH RECORD * continuous tracking colour video.

FLIGHT LINE RECOVERY * Visually to 1:100,000 mosaic
with Doppler interpolation between
recovered points

RESIDUAL MAGNETIC CONTOURS
Grid notation refers to Australian Map Grid Zone 55
Digitised from mosaic at 1:100000

Magnetic * Tie Line Levelled.
IGRF (1980) * Updated to November 1985
IGRF (1980) * Removed. Datum 2000 nT added
Grid mesh size * 100 x 100 metres
Grid filter * Polynomial radius 150 metres
Contour interval * 5,10,50,100 and 200 nT



JOB NO * 9312
Flown by Geometric International Corporation
November 1985
Processed by Engineering Computer Services, Boral

TASMANIAN MINES DEPARTMENT

**DEVONPORT AREA
RESIDUAL MAGNETIC CONTOURS
SHEET TWO**

DATE * 29-APR-86