

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

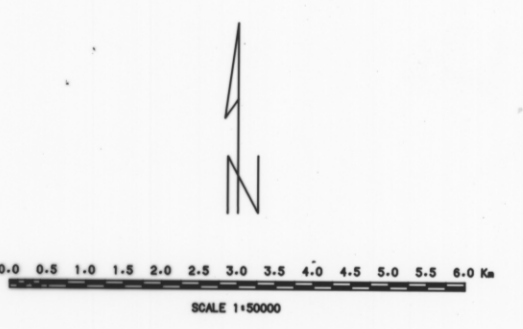
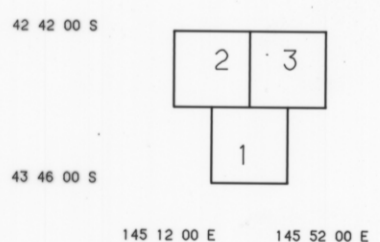
TOTAL COUNT WINDOW * 0.8 - 3.00 MeV
POTASSIUM WINDOW * 1.36 - 1.56 MeV
URANIUM WINDOW * 1.66 - 1.86 MeV
THORIUM WINDOW * 2.42 - 2.62 MeV
RECORDING INTERVAL * 60m sampling

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

SHEET THREE
RESIDUAL MAGNETIC CONTOURS
Grid notation refers to Australian Map Grid Zone 55
Digitized from colour photos at 1:50000
Magnetic * digital removed
* and tie line levelled
IGRF (1980) * Updated to December 1985
IGRF (1980) * Revised, Delta 2000 nT added
Grid mesh size * 100 x 100 metres
Grid Filter * Polynomial, radius 150 metres
Contour Interval 5,10,50,100 and 250 nT



JOB NO * 9312
Flown by Geometrics International Corporation
November 1985
Processed by Engineering Computer Services, Bernal

TASMANIAN MINES DEPARTMENT

**WESTERN TASMANIA
RESIDUAL MAGNETIC CONTOURS
SHEET THREE**

DATE: 21-MAR-86