

AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : 3 G-813 proton precession magnetometers on tail stinger and wing tips.
Sensitivity : 0.2 nT

RECORDING INTERVAL : 30m sampling

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

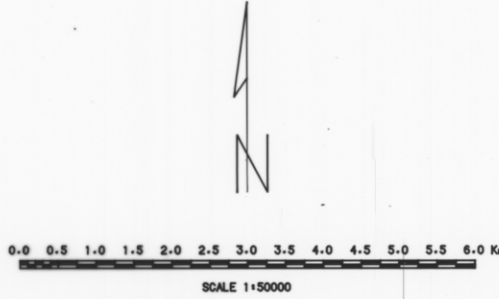
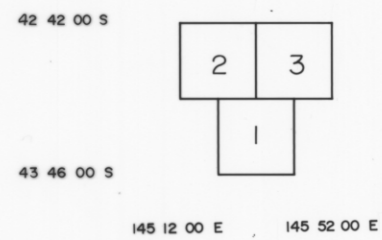
TOTAL COUNT WINDOW : 0.8 - 3.00 MeV
POTASSIUM WINDOW : 1.36 - 1.56 MeV
URANIUM WINDOW : 1.66 - 1.86 MeV
THORIUM WINDOW : 2.42 - 2.82 MeV
RECORDING INTERVAL : 60m sampling

DATA RECORDING : Geometrics 714 acquisition system.
Digital to magnetic tape.

NOMINAL TERRAIN CLEARANCE : All detectors in aircraft at 150m.
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 TWO
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) Revised. Datum 2000 mT added
Grid mesh size 100 x 100 metres
Grid filter Polynomial, radius 150 metres
Contour Interval 5, 10, 50, 100 and 250 mT



JOB NO. 9312
Flown by Geometrics International Corporation
November 1985
Processed by Engineering Computer Services, Boral

TASMANIAN MINES DEPARTMENT

WESTERN TASMANIA
RESIDUAL MAGNETIC CONTOURS
SHEET TWO

DATE: 21-MAR-86