

ORIGINAL

5 cm

5162 C

1:50,000

125

AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : 3 G-803 proton precession magnetometers
in tail stinger and wing tips.
Sensitivity : 0.2 nT

RECORDING INTERVAL : 30m sampling

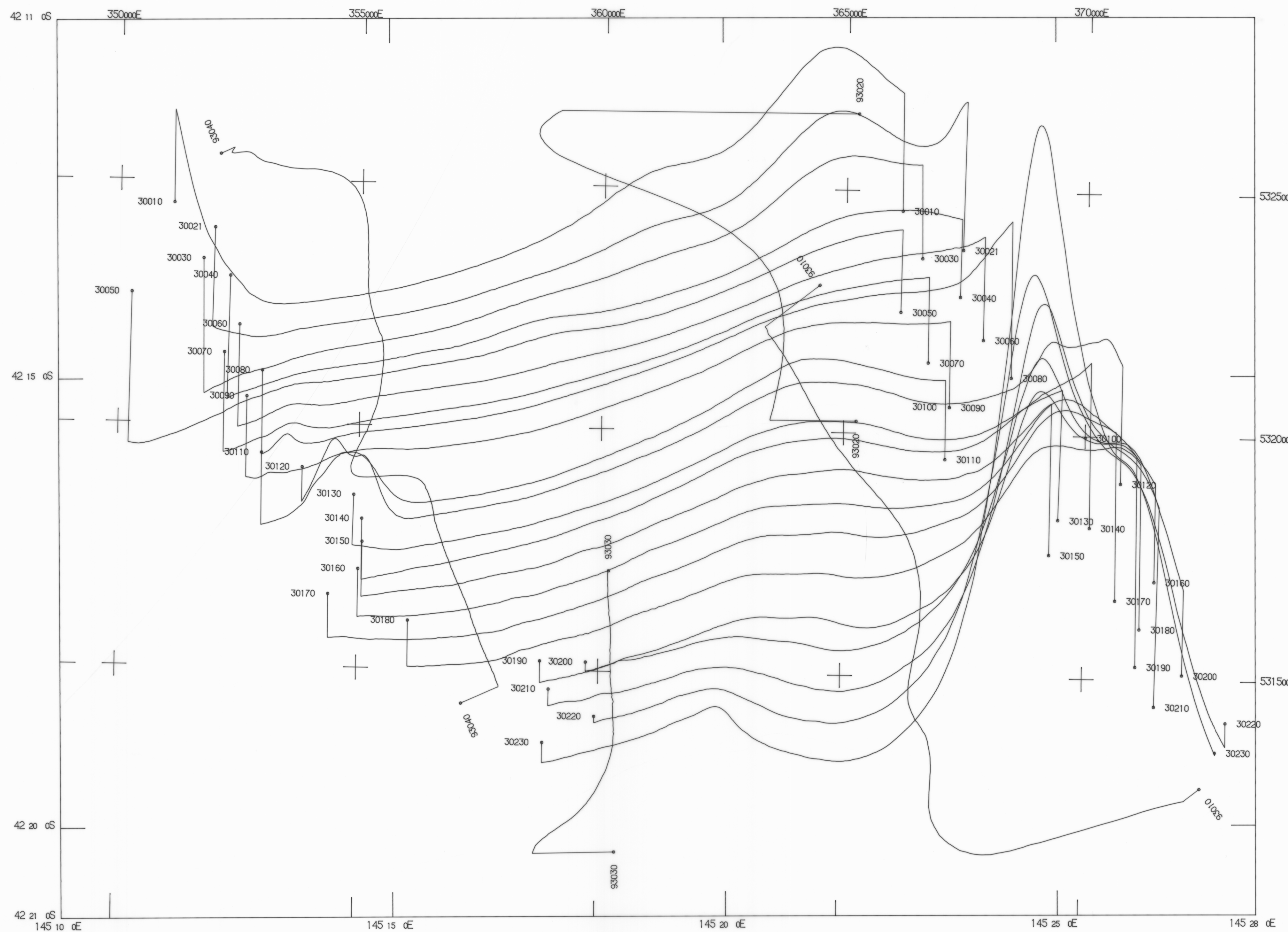
SPECTROMETER : GR - 800 gamma ray spectrometer
Volume : 16.8 litres

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 - 2.82 MeV
RECORDING INTERVAL : 60m sampling

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

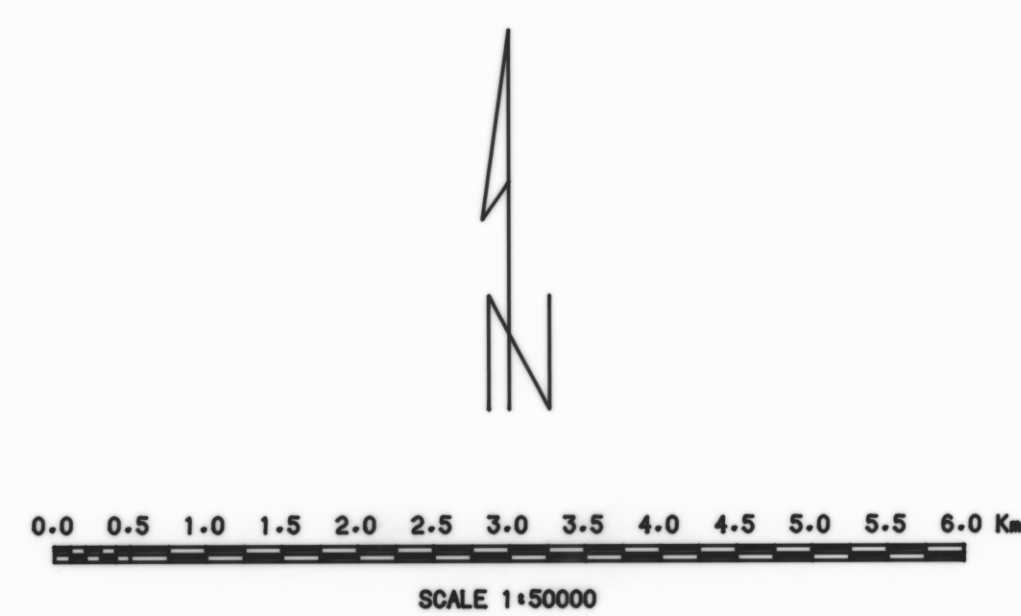
NOMINAL TERRAIN CLEARANCE : All detectors in aircraft at 150m.
NOMINAL LINE SPACING : Traverse lines 500 metres.
Tie lines 10 km.

FLIGHT PATH RECORD : continuous tracking colour video.
FLIGHT LINE RECOVERY : Visually to 1:25,000 black & white
enlargements of high level photography.



RESIDUAL MAGNETIC PROFILES
Grid notation refers to Australian Map Grid Zone 55
Digitised from topography at 1:25000

Vertical Scale : 20nT / cm.
Base Value : 2000nT



JOB NO : 9312
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TASMANIAN MINES DEPARTMENT

MACQUARIE HARBOUR
RESIDUAL MAGNETIC PROFILES

DATE: 18-MAR-86