

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

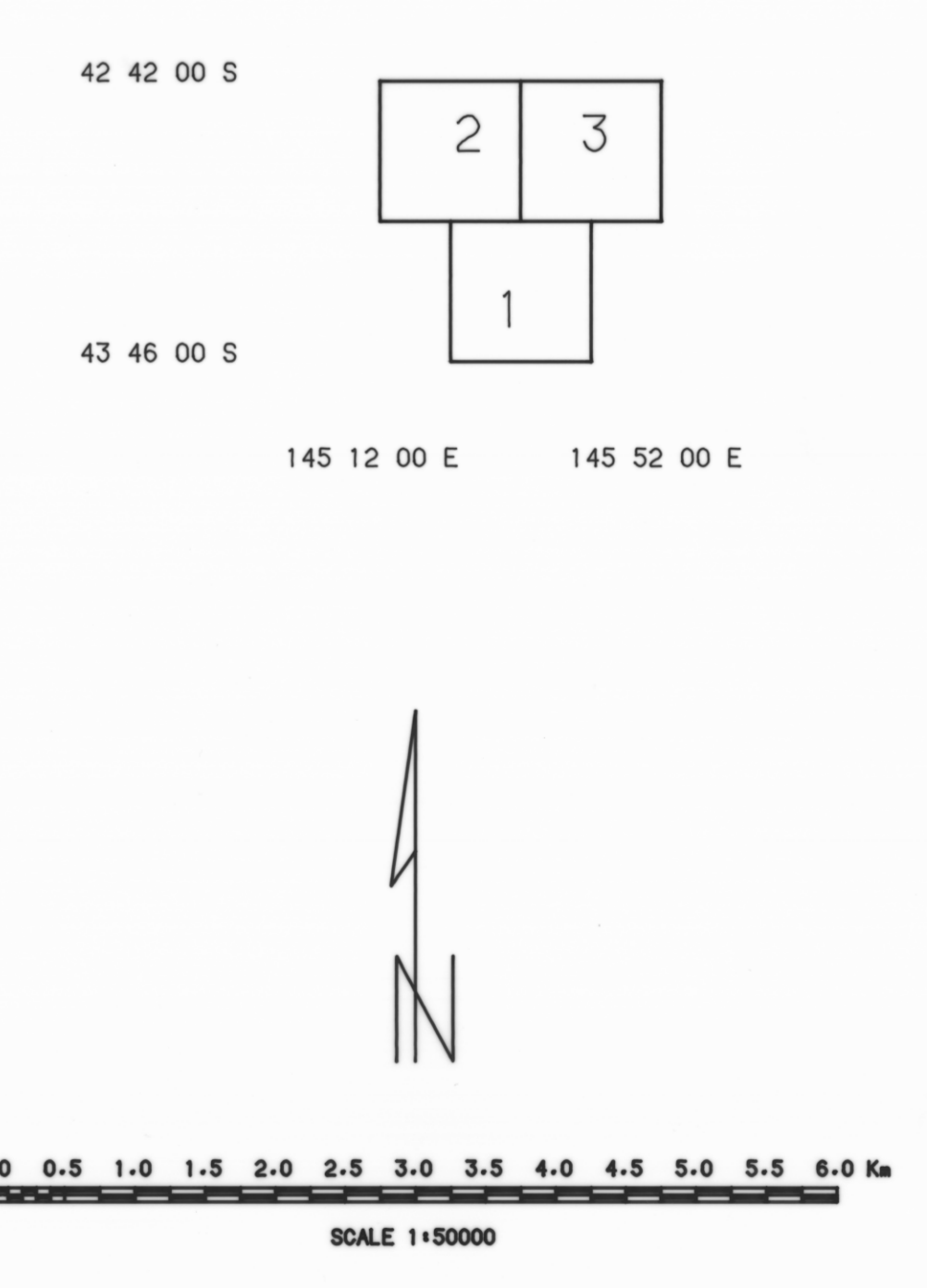
DATA RECORDING : Geometrics 714 acquisition system.
Digital to magnetic tape.

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
 Digitized from topography at 1:25000

Vertical Scale : 100nT / cm.
 Base Value : 1985nT



JOB NO : 9312
 Flown by Geometrics International Corporation
 December 1985
 Processed by Engineering Computer Services, Bernal

TASMANIAN MINES DEPARTMENT

**WEST TASMANIA
 RESIDUAL MAGNETIC PROFILES
 SHEET ONE**

DATE: 21-MAR-86

ORIGINAL
 5159 C
 150,000