

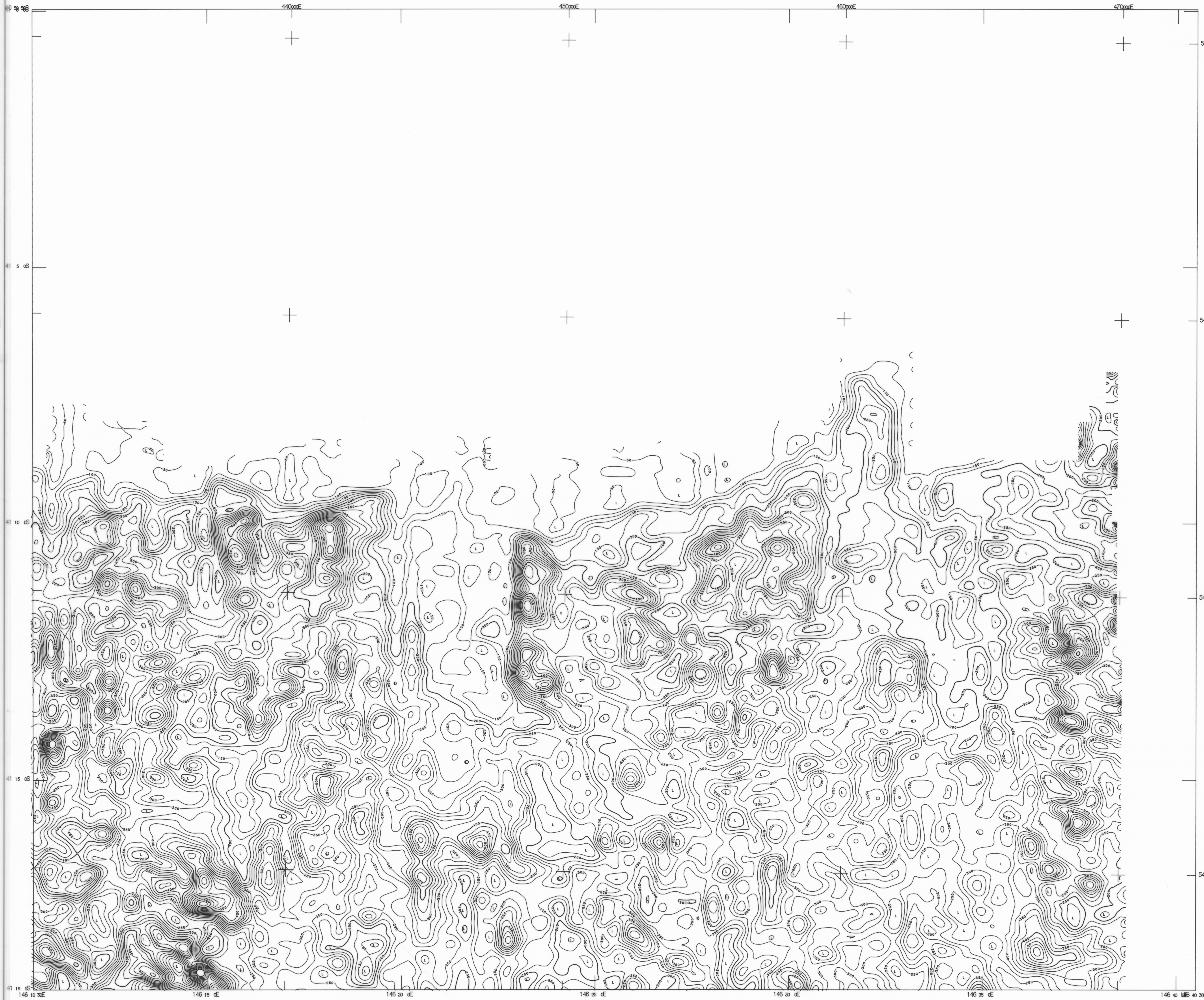
ORIGINAL

5156 A

94

1:50,000

DIVERSITY



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 - 2.82 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 1:100,000 mosaics with Doppler interpolation between recovered points

TOTAL COUNT CONTOURS

Grid notation refers to Australian Map Grid Zone 55

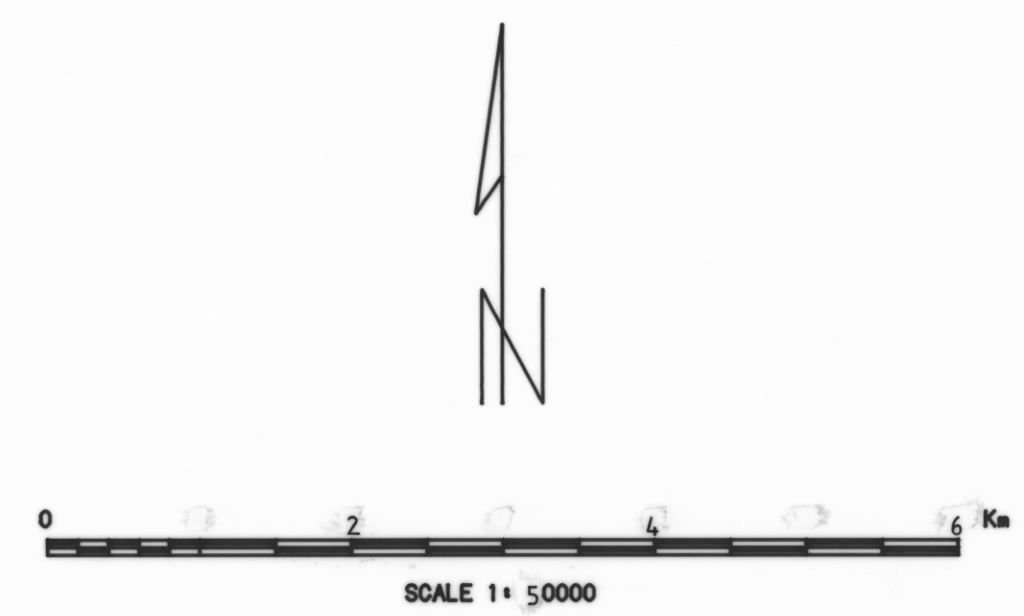
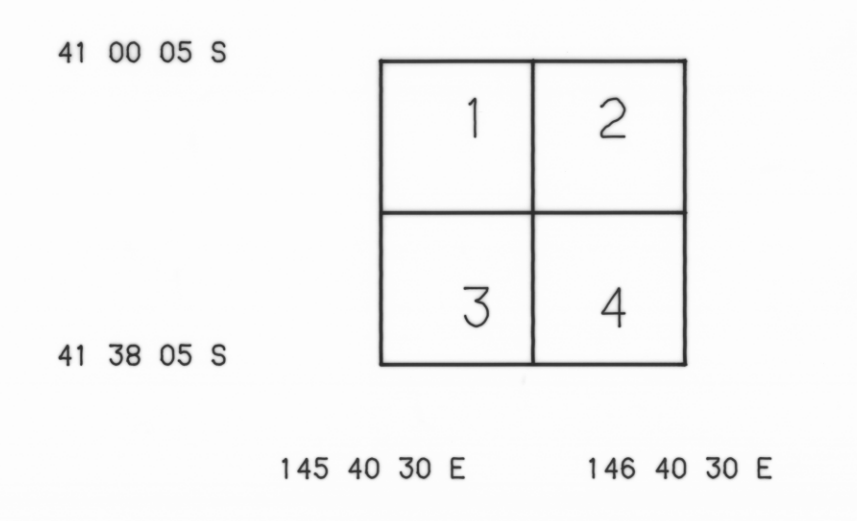
Digitised from mosaics at 1:100,000

Radionuclides : *background removed on a
*flight basis
*Corrected for Compton Scattering
*Height corrected to survey height

Grid mesh size : 100 x 100 metres

Grid filter : *Polynomial; radius 300 metres

Contour interval : 25,50,100,200 and 1000 eps



JOB NO : 9312
Flown by Geometrics International Corporation
November 1985
Processed by Engineering Computer Services, Bowral

TASMANIAN MINES DEPARTMENT

**DEVONPORT AREA
TOTAL COUNT CONTOURS
SHEET TWO**

DATE : 23-MAY-86