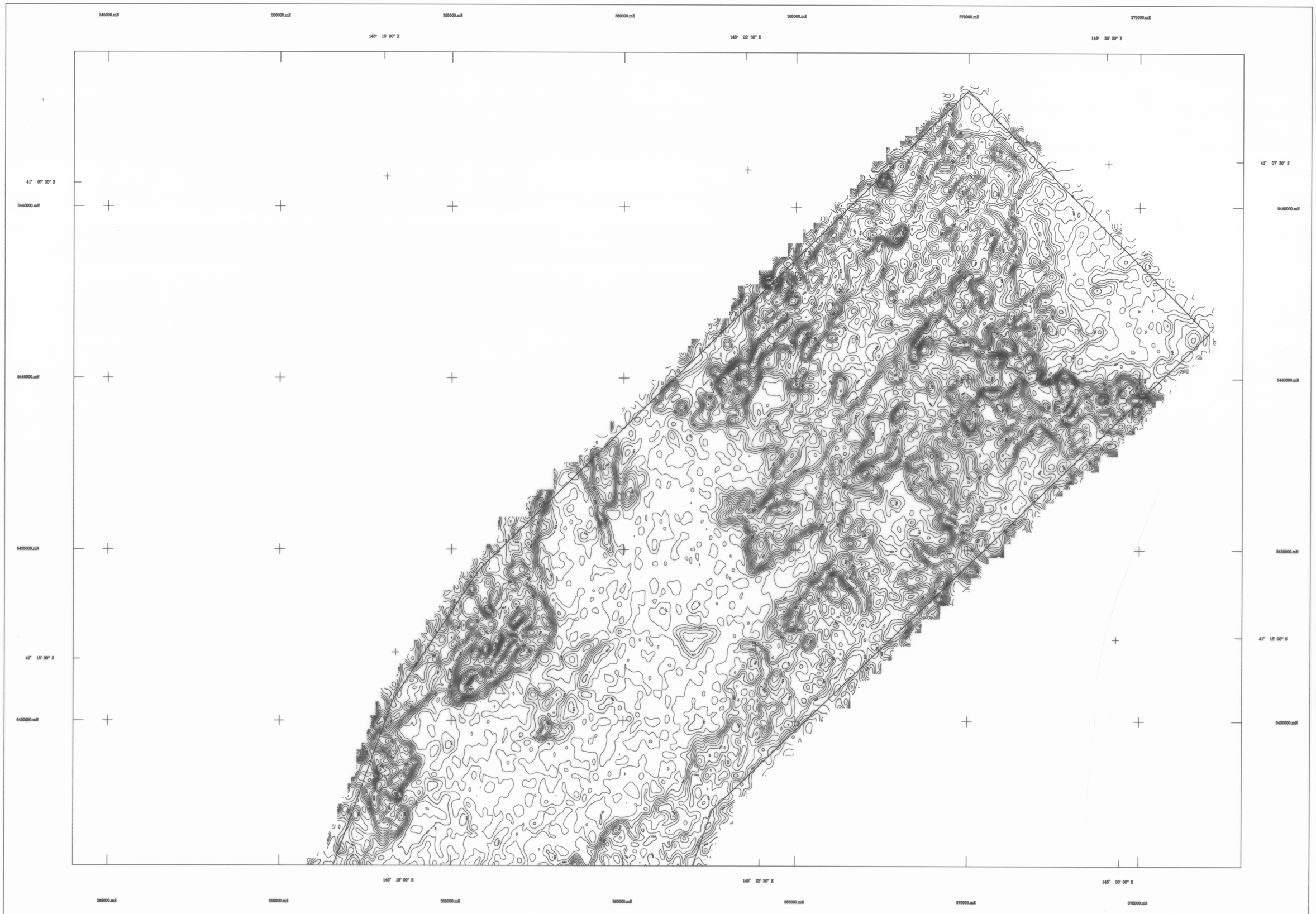
1:50,000 AIRBORNE GEOPHYSICAL SERIES

ARTHUR LINEAMENT SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA



5 cm

AIRBORNE SURVEY EQUIPMENT

Aircraft	Bell 206 – 3 VH–PSH
Magnetometer	Geometrics G833 Helium Vapour
Magnetometer Resolution	0.01 nT
Magnetometer Sample Interval	0.20 seconds
Data Acquisition	Geo Instruments Model 2030
Data Recording	1.44 Mb floppy disks
Spectrometer	Exploranium GR820
Crystal Size	16.8lt downward array
Spectrometer Sample Interval	1.0 Seconds (approx 35 metres)
Flight Path Record	VHS Colour Video System
GPS Navigation System	Novatel GPS Receiver

AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction	090 – 270 degrees
Flight line Separation	200 metres
Tie line Direction	000 – 180 degrees
Tie line Separation	400 metres
Terrain Clearance	60 metres (MTC)

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds. Height corrected to a constant datum of 80 metres, minimum height of 20 and a maximum of 300 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

Arthur Lineament Airborne Geophysical Survey
Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October – November 1993

Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000

1 0 1 2 3 4

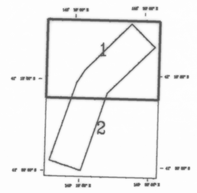
Kilometres

MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

N

True North



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