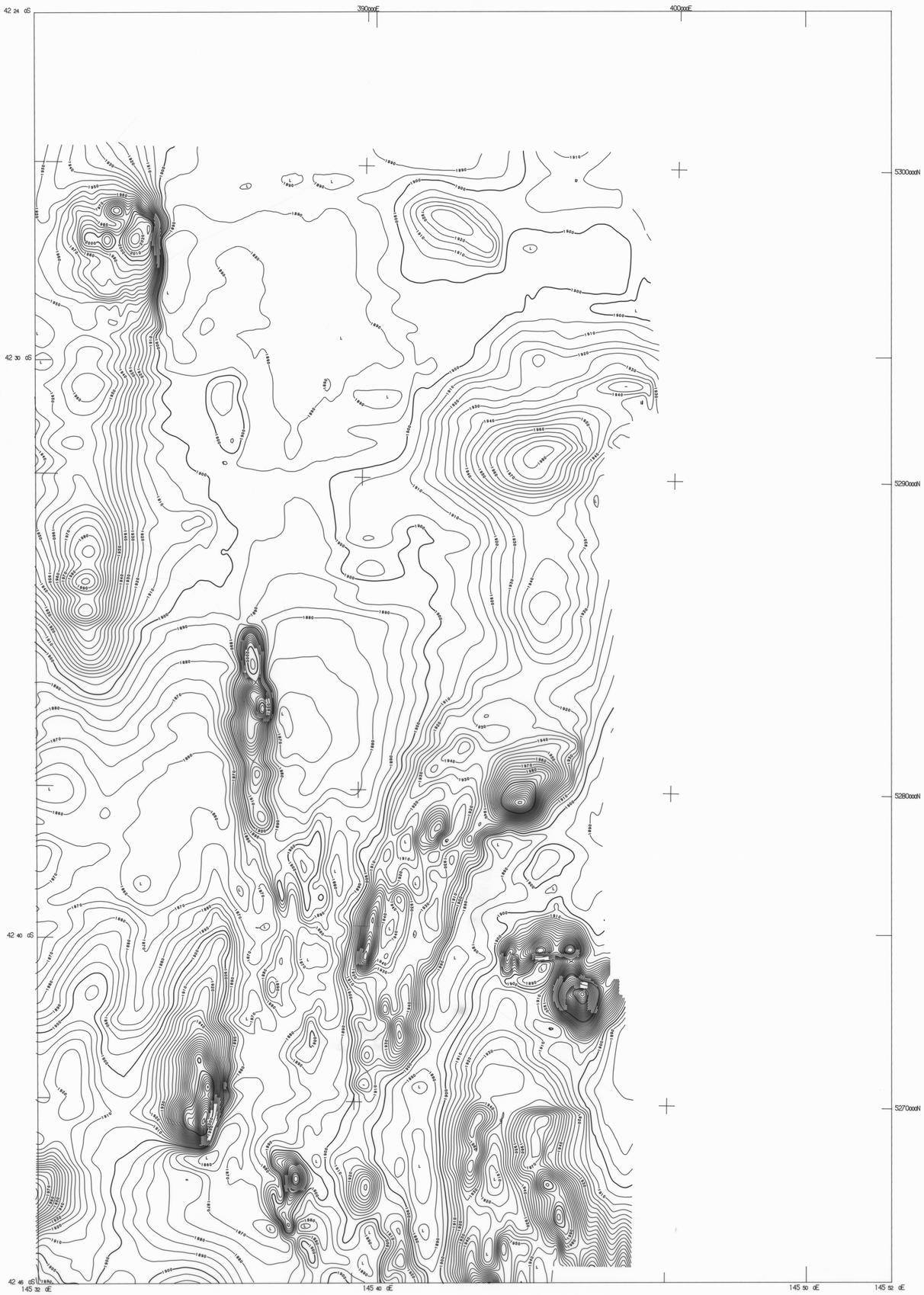
ORIGINAL
5161 B.
1:50,000



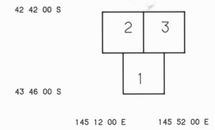
AIRBORNE SURVEY SPECIFICATIONS

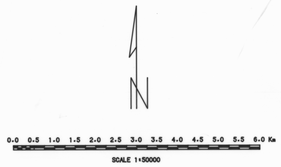
MAGNETOMETER :	3 G-813 proton precession magnetometers in tail stinger and wing tips. Sensitivity : 0.2 nT
RECORDING INTERVAL :	30m sampling
SPECTROMETER :	GR - 800 gamma ray spectrometer Volume : 16.8 litres
TOTAL COUNT WINDOW :	0.8 - 3.00 MeV
POTASSIUM WINDOW :	1.36 - 1.56 MeV
URANIUM WINDOW :	1.66 - 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 topographic maps at 1:50000

SHEET THREE
RESIDUAL MAGNETIC CONTOURS
Grid notation refers to Australian Map Grid Zone 55
Digitised from colour photos at 1:50000

Magnetics	:diurnal removed
	:and tie line levelled
IGRF (1980)	:Updated to December 1985
IGRF (1980)	:Removed. Datum 2000 nT added
Grid mesh size	:100 x 100 metres
Grid filter	:Polynomial. radius 150 metres

Contour Interval 5.10.50.100 and 250 nT





JOB NO : 9312
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TASMANIAN MINES DEPARTMENT

WESTERN TASMANIA
RESIDUAL MAGNETIC CONTOURS
SHEET THREE

DATE: 21-MAR-86