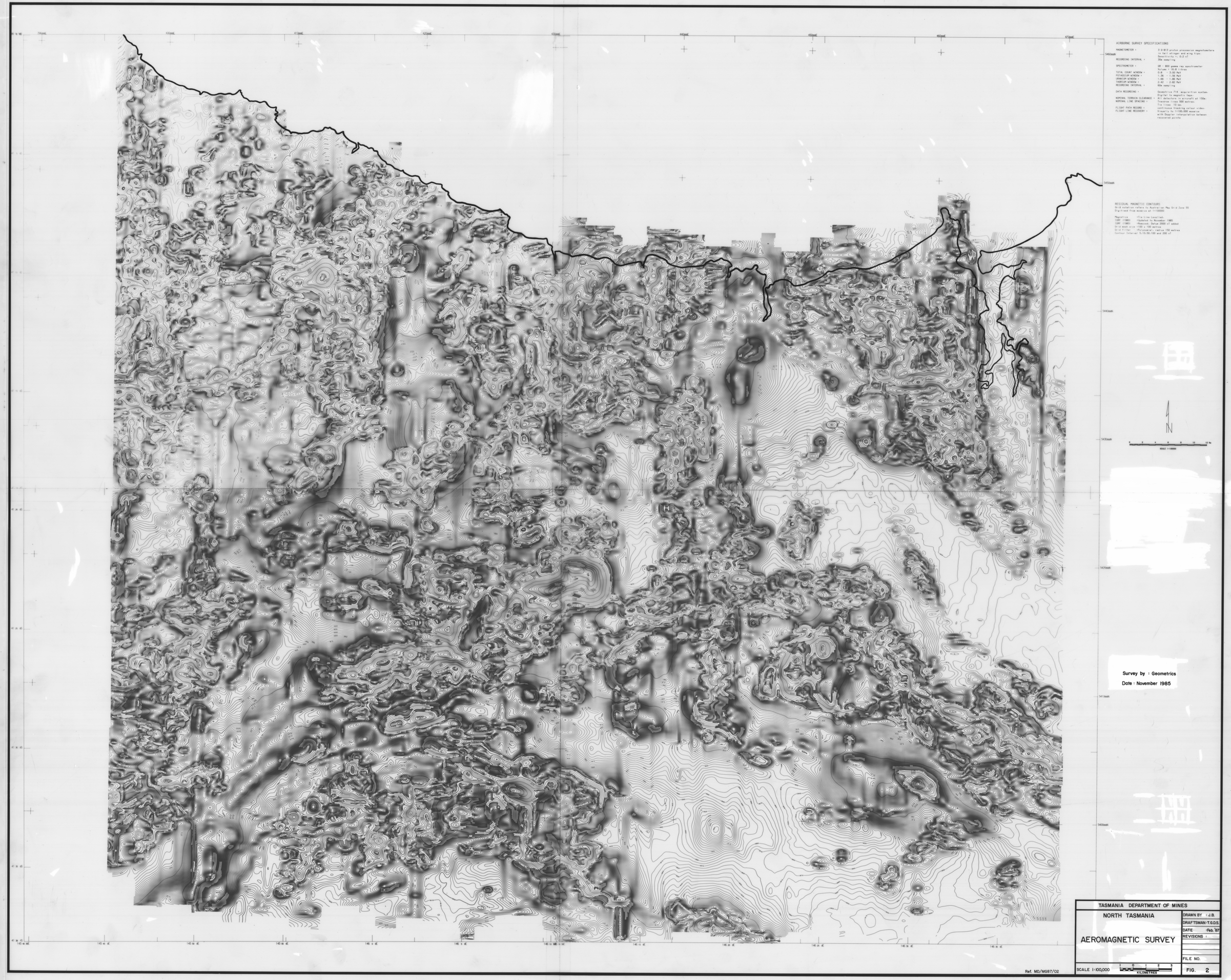

AIRBORNE SURVEY SPECIFICATIONS
MAGNETOMETER : 3 G-813 proton precession magnetometers in tail stinger and wing tips. Sensitivity +/- 0.2 nT
RECORDING INTERVAL : 30m sampling
SPECTROMETER : GR - 800 gamma ray spectrometer Volume = 16.8 litres
TOTAL COUNT WINDOW : 0.8 - 3.00 MeV
POTASSIUM WINDOW : 1.36 - 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
RESIDUAL MAGNETIC CONTOURS
Grid notation refers to Australian Map Grid Zone 55
Digitised from mosaics at 1:100000
Magnetics : Tie Line Levelled.
IGRF (1980) : Updated to November 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 200 nT
N
SCALE 1:100000
Survey by : Geometrics
Date : November 1985
TASMANIA DEPARTMENT OF MINES
NORTH TASMANIA
AEROMAGNETIC SURVEY
DRAWN BY : J.B.
DRAFTSMAN : T.G.D.S.
DATE : Feb. '87
REVISIONS :
FILE NO.
SCALE 1:100,000
KILOMETRES
FIG. 2
Ref. MD/MG87/02

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