

**AIRBORNE SURVEY SPECIFICATIONS**

ACQUISITION BY: **TESLA AIRBORNE GEOSCIENCE**

JOB No. 142594

DATE OF SURVEY: April 1996

MAGNETOMETER: Scintrex Cesium Vapour Model CSC Resolution 0.00nT

SPECTROMETER: Explogonius GR820 Crystal volume 33.5 litres

RECORDING INTERVAL: Magnetometer 0.1 sec (approx 7nT) Spectrometer 1.0 sec (approx 70nT)

TERRAIN CLEARANCE: 90m

LINE SPACING: 250m flight lines, 3000m tie lines

LINE DIRECTION: E-W flight lines, N-S tie lines

NAVIGATION: Novatel GPS Differentially Post Processed

ACQUISITION SYSTEM: Tesla TAGE3

**DATA PROCESSING**

PROCESSING BY: **TESLA-10**

SYSTEM PARALLAX REMOVED

DISTORTION CORRECTIONS APPLIED

IGRF REMOVED: 1995 model upgraded for secular variation to April 1996

DATA TIE-LINE LEVELLED AND MICRO-LEVELLED

GRID ALGORITHM: Bi-cubic spline

GRID CELL SIZE: 50m X 50m

MAP PRESENTATION

PROJECTION: UTM

GRID COORDINATES: AMG Zone 55

COORDINATE DATUM: ADG 84

**LEGEND**

Contour interval: 2 nanoTesla

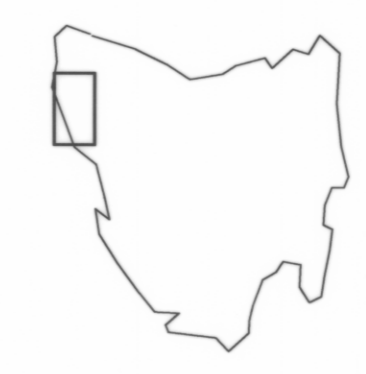
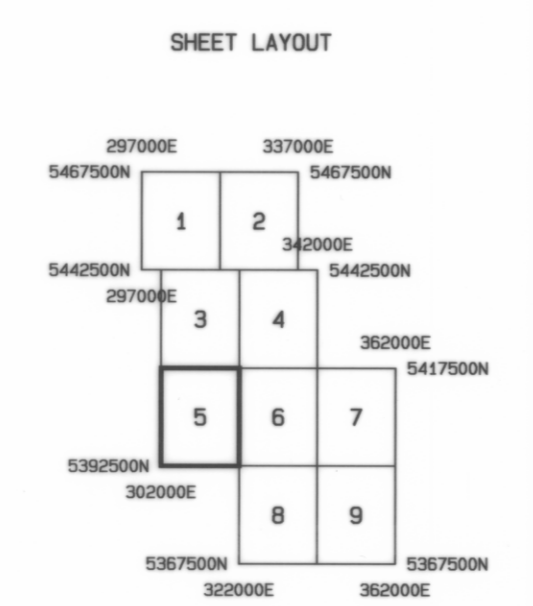
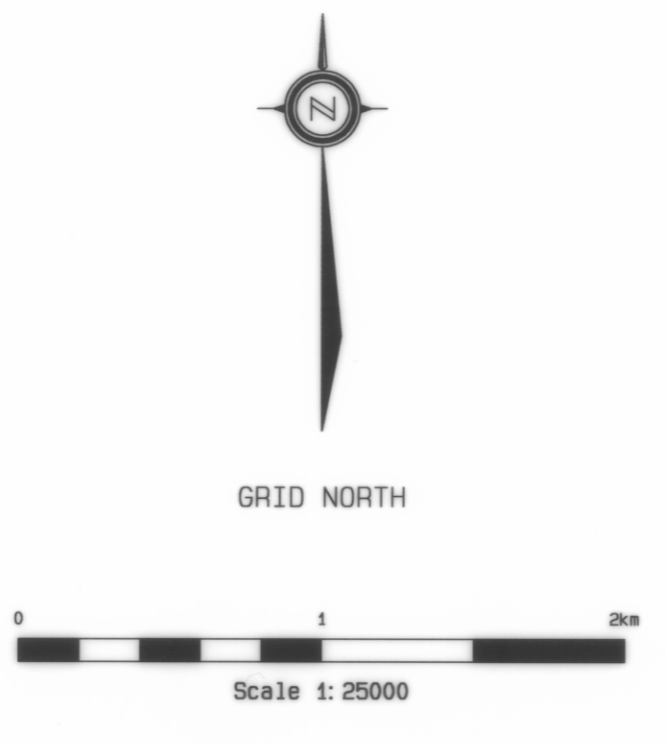
2500 nT Contours

250 nT Contours

50 nT Contours

10 nT Contours

2 nT Contours



**MINERAL RESOURCES TASMANIA**  
**AUSTRALIAN GEOLOGICAL SURVEY ORGANISATION**

**NORTHWEST TASMANIA**

**TOTAL MAGNETIC INTENSITY**

DRAWN: TESLA-10 PTY LTD      SCALE: 1:25000

DATE: MAY 1996      SHEET 5 of 9