

AIRBORNE SURVEY SPECIFICATIONS

ACQUISITION BY: **TELA-10** AIRBORNE GEOSCIENCE

JOB No. TA2994

DATE OF SURVEY: April 1996

MAGNETOMETER: Scintrex Cesium Vapour Model 520 Resolution 0.001nT

SPECTROMETER: Exploration GR80 Crystal volume 33.3 litres Magnetometer 0.1 sec (approx 7nT) Spectrometer 1.0 sec (approx 70nT)

TERRAIN CLEARANCE: 50m

LINE SPACING: 200m flight lines, 3000m tie lines

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

NAVIGATION: Novatel GPS Differentially Post Processed

ACQUISITION SYSTEM: Teles TAGS

DATA PROCESSING

PROCESSING BY: **TELA-10**

SYSTEM PARALLAX REMOVED

DIURNAL CORRECTIONS APPLIED

IGRF REMOVED: 1995 model upgraded for secular variation to April 1996 Base level: 62030.0 nT, Inclination: -71.98

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: AGD 84

LEGEND

Contour interval: 2 nanoTesla

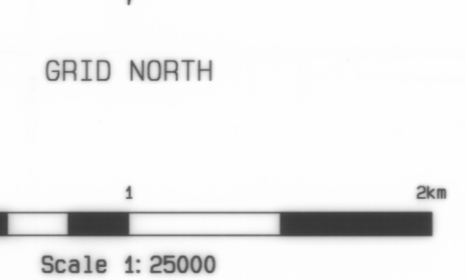
2500 nT Contours

250 nT Contours

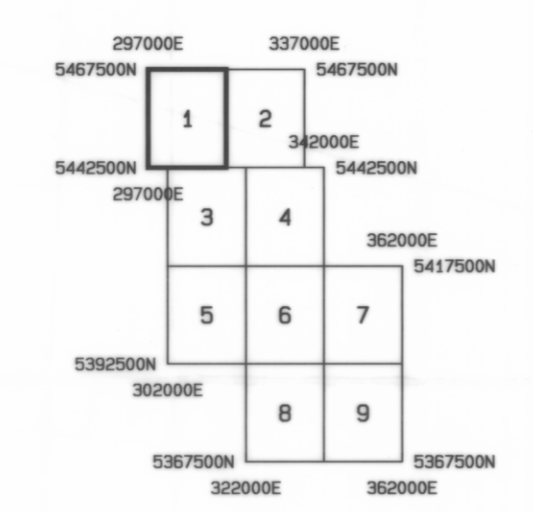
50 nT Contours

10 nT Contours

2 nT Contours



SHEET LAYOUT



MINERAL RESOURCES TASMANIA
AUSTRALIAN GEOLOGICAL SURVEY ORGANISATION

NORTHWEST TASMANIA
TOTAL MAGNETIC INTENSITY

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

DATE: MAY 1996 SHEET 1 of 9