

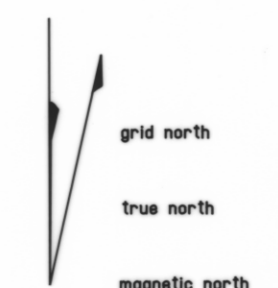
N.E. TASMANIA AIRBORNE GEOPHYSICAL SURVEY

Department of Mines Tasmania
Surveyed and compiled by RUSTREX INTERNATIONAL LIMITED
JANUARY - FEBRUARY 1989
Job No. 82077

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LOGARITHMIC STACKED MAGNETIC PROFILES

DATA PROCESSING
REGIONAL FIELD IGRF MODEL 1985 REMOVED
PROFILE BASE VALUE 61869 nanoTeslas
VERTICAL SCALE 0.5 nanoTeslas/cm
PARALLAX CORRECTION 0 fiducials



north point relationships are shown for the centre of the map magnetic north is true for 1980.

grid/magnetic angle 15° 49' 40"

grid convergence 0° 00' 34"

secular variation 0° 01' 11" east per year

Scale 1:50 000
0 1 2 3 4 5 km
AUSTRALIAN MAP GRID

AIRCRAFT
VH MEH ROCKWELL SHARPE COMMANDER 500S
MAGNETOMETER
SPLIT BEAM CESUM SCINEX V201
RESOLUTION 0.01 nanoTeslas
CYCLE RATE 0.2 seconds
SAMPLE INTERVAL 14 metres
SPECTROMETER
256 CHANNEL EXTENSORUM DR800B
VOLUME 33.55 IT/m
CYCLE RATE 1 second
SAMPLE INTERVAL 70 metres
DATA ACQUISITION
8 CHANNEL WATSONIC MC 8700 CHART RECORDER
HEWLETT PACKARD 9825 COMPUTER
RUSTREX DIGITAL ACQUISITION SYSTEM
FLIGHT LINE SPACING
TRAVERSE LINES 500 metres
TIE LINES 5000 metres
FLIGHT LINE DIRECTION
TRAVERSE LINES 90 - 270 degrees
TIE LINES 0 - 180 degrees
SURVEY HEIGHT
150 metres - MEAN TERRAIN CLEARANCE
NAVIGATION
VISUAL FROM PLANNED FLIGHT STRIPS
FLIGHT PATH RECOVERY
ONTO A.M.C. CONTROLLED PHOTOGRAPHS