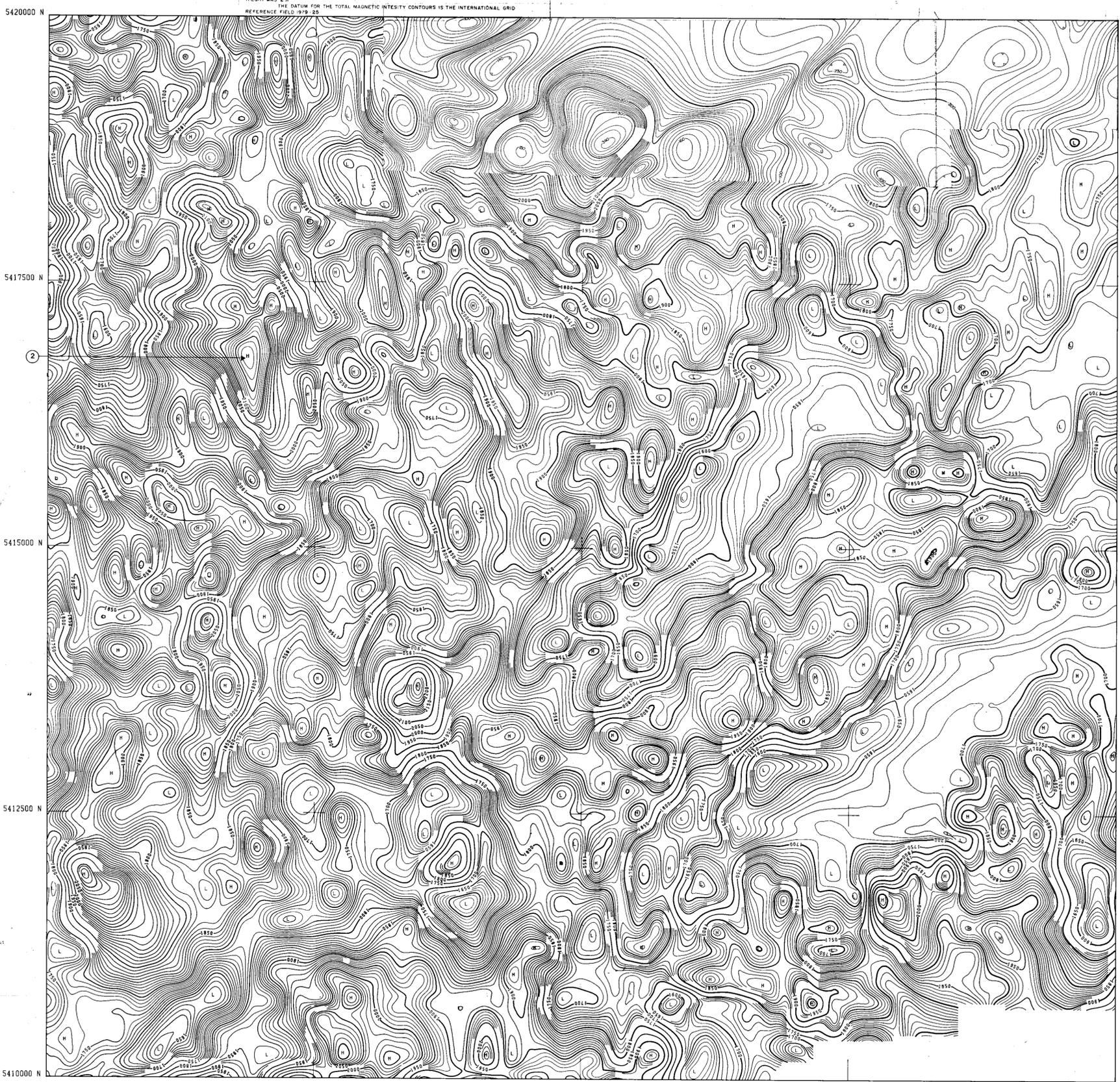
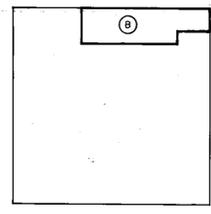


(B) SURVEY BY GEDEX PTY LTD FOR COMALCO LTD, MARCH 1979

(B) SURVEY SPECIFICATIONS

AIRCRAFT BELL 206 B
MAGNETOMETER G-803 PROTON PRECESSION
USING TOWED BIRD CONFIGURATION WITH 37m CABLE
DIURNAL RECORDER GEOMETRICS 6826 PROTON PRECESSION MAGNETOMETER
WITH RUSTRAK RECORDER AND CRYSTAL CLOCK
ALTIMETER BRONZER TRN70
ANCILLARY EQUIPMENT GEDEX INTERVALOMETER
GEDEX DIGITAL ACQUISITION SYSTEM
CENTURY 444 7 CHANNEL ANALOGUE LIGHT BEAM RECORDER
VINTEN 16mm GROUND TRACKING CAMERA
READING INTERVAL 1.0 SECONDS
NOMINAL AIRCRAFT SPEED 60 KNOTS
NOMINAL AIRCRAFT SURVEY ALTITUDE 70 METRES
SENSOR CLEARANCE 75 METRES
CONTOUR INTERVAL 10 nT

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 62255 GAMMAS
AT THE DIURNAL BASE STATION SITUATED AT WYVARD AERODROME, 40°54' S & 149°43' 34" E. THE SENSOR
HEIGHT WAS 2 m.
THE DATUM FOR THE TOTAL MAGNETIC INTENSITY CONTOURS IS THE INTERNATIONAL GRID
REFERENCE FIELD 1979-25



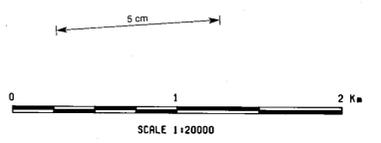
AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT
SPECTROMETER : EXPLORANUM DCAS, VOLUME 1024 cu in
DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON RCN-6
DATA RECORDING INTERVAL : 1.0 SEC., APPROX 36M LINEAR SAMPLING
AT MEAN GROUND SPEED OF 60 KNOTS
FLIGHT PATH RECORD : HULCHER 35mm TRACKING CAMERA
DETECTOR TERRAIN CLEARANCE : SPECTROMETER IN AIRCRAFT AT 100 metres MTC
MAGNETOMETER SENSOR IN TOWED BIRD
CABLE LENGTH 30 metres
NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km
FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED RC9 PHOTOGRAPHY AT 1:20000
AND 1:30000

PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED
RADIOMETRIC CORRECTIONS : COMPTON
BACKGROUND
ALTITUDE

GRID MESH : 50m by 50m
CONTOUR INTERVAL : 10 nT
HORIZONTAL SCALE 1 : 20000
SHEET 20/3941
GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



FLOWN BY GEOMETRICS INT CORP
JOB NO : 9221, FLOWN : MARCH - APRIL 1980
COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

**MOINA - HOUSETOP TASMANIA
RESIDUAL MAGNETIC CONTOURS
SHEET 20/3941**

PROJ NO. MZ 01 / J016 DATE: 03-NOV-80