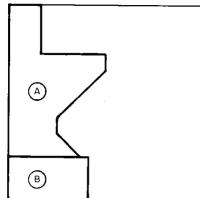


(A) SURVEY BY GEDEX PTY LTD FOR MCINTYRE MINES (AUST) PTY LTD
JAN 1978

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



(A) SURVEY SPECIFICATIONS

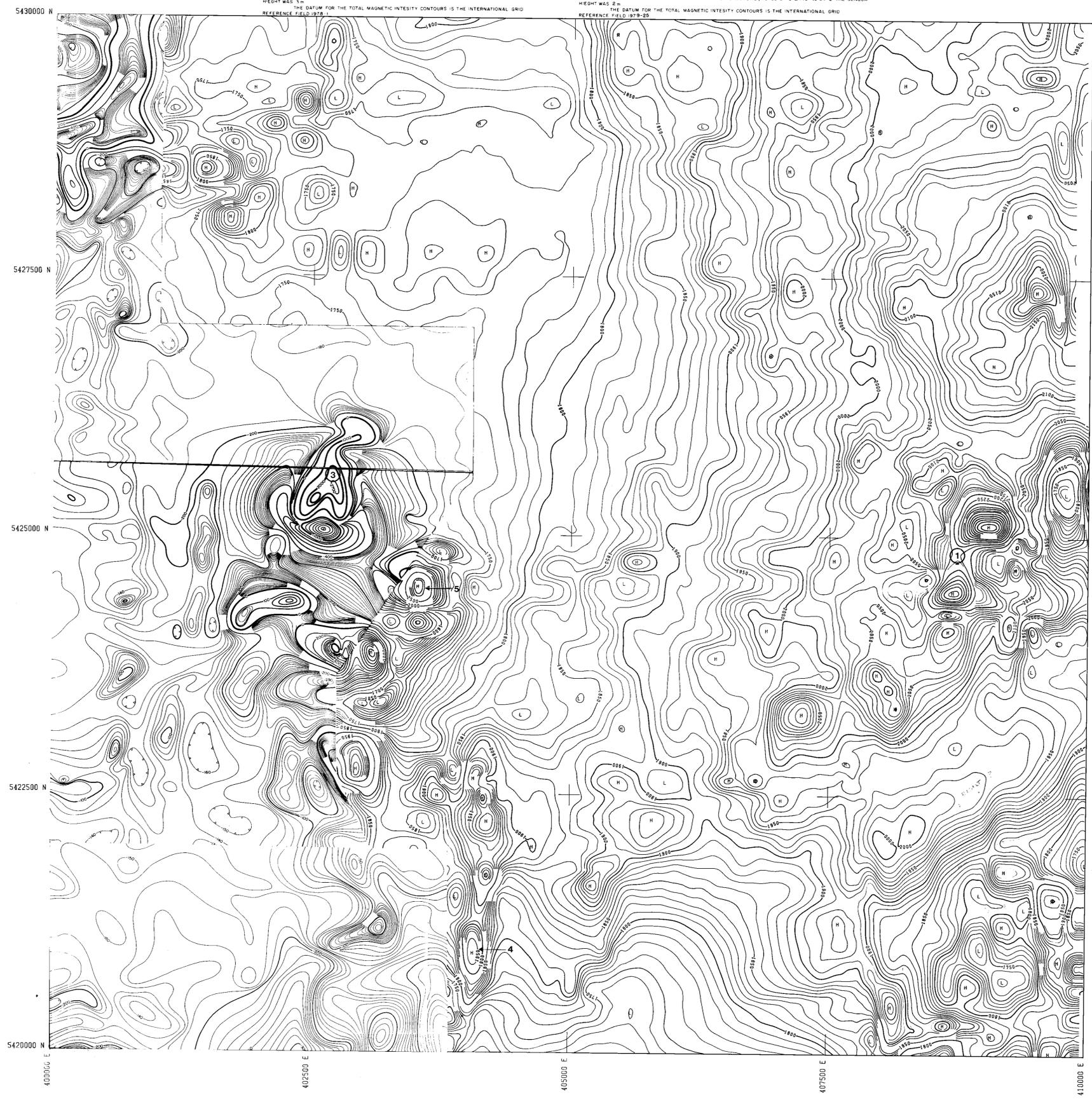
AIRCRAFT BELL 206B HELICOPTER
MAGNETOMETER VARIAN 4937A PROTON PRECISION
USING TOWED BIRD CONFIGURATION WITH 30m CABLE
DIURNAL RECORDER GEOMETRICS 6806 PROTON PRECISION MAGNETOMETER
WITH CHESSSEL RECORDER AND CRYSTAL CLOCK
ALTIMETER BRONZER MM 10
ANCILLIARY EQUIPMENT GEDEX INTERVALOMETER
GEDEX FILM DIGITAL RECORDER
CENTURY 444 E CHANNEL ANALOGUE LIGHT BEAM RECORDER
VINTEN 16mm GROUND TRACKING CAMERA
READING INTERVAL 1.0 SECONDS
NOMINAL AIRCRAFT SPEED 65 KNOTS
NOMINAL AIRCRAFT SURVEY ALTITUDE 90 METRES
SENSOR CLEARANCE 75 METRES
CONTOUR INTERVAL 10 nT

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 6235 GAMMAS
AT THE DIURNAL BASE STATION SITUATED AT WYNWARD AERODROME, 40°59' 51" S & 145°43' 34" E THE SENSOR
HEIGHT WAS 3m
THE DATUM FOR THE TOTAL MAGNETIC INTENSITY CONTOURS IS THE INTERNATIONAL GRID
REFERENCE FIELD 1978

(B) SURVEY SPECIFICATIONS

AIRCRAFT BELL 206B
MAGNETOMETER VARIAN 4937A PROTON PRECISION
USING TOWED BIRD CONFIGURATION WITH 30m CABLE
DIURNAL RECORDER GEOMETRICS 6826 PROTON PRECISION MAGNETOMETER
WITH RUSSTRAK RECORDER AND CRYSTAL CLOCK
ALTIMETER BRONZER MM 10
ANCILLIARY EQUIPMENT GEDEX INTERVALOMETER
GEDEX DIGITAL ACQUISITION SYSTEM
CENTURY 444 E CHANNEL ANALOGUE LIGHT BEAM RECORDER
VINTEN 16mm GROUND TRACKING CAMERA
READING INTERVAL 1.0 SECONDS
NOMINAL AIRCRAFT SPEED 60 KNOTS
NOMINAL AIRCRAFT SURVEY ALTITUDE 90 METRES
SENSOR CLEARANCE 75 METRES
CONTOUR INTERVAL 10 nT

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 6235 GAMMAS
AT THE DIURNAL BASE STATION SITUATED AT WYNWARD AERODROME, 40°59' 51" S & 145°43' 34" E THE SENSOR
HEIGHT WAS 2m
THE DATUM FOR THE TOTAL MAGNETIC INTENSITY CONTOURS IS THE INTERNATIONAL GRID
REFERENCE FIELD 1978

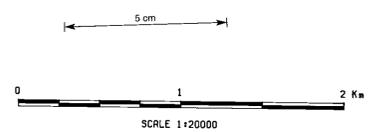


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECISION RECORDING TO 1.0 nT
SPECTROMETER : EXPLORANUM DCAS, VOLUME 1024 cu in
DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON ACM-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 ACM PHOTOGRAPHY AT 1:20000
AND 1:30000

PROCESSING SPECIFICATIONS

IGF : REMOVED, DATUM 2000 NT ADDED
RADIOMETRIC CORRECTIONS : COMPTON
BACKGROUND
ALTITUDE
GRID MESH : 50m by 50m
CONTOUR INTERVAL : 10 nT
HORIZONTAL SCALE 1 : 20000
SHEET 20/4042
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 20/4042

PROJ. NO. mzo/1024 DATE: 03-NOV-80