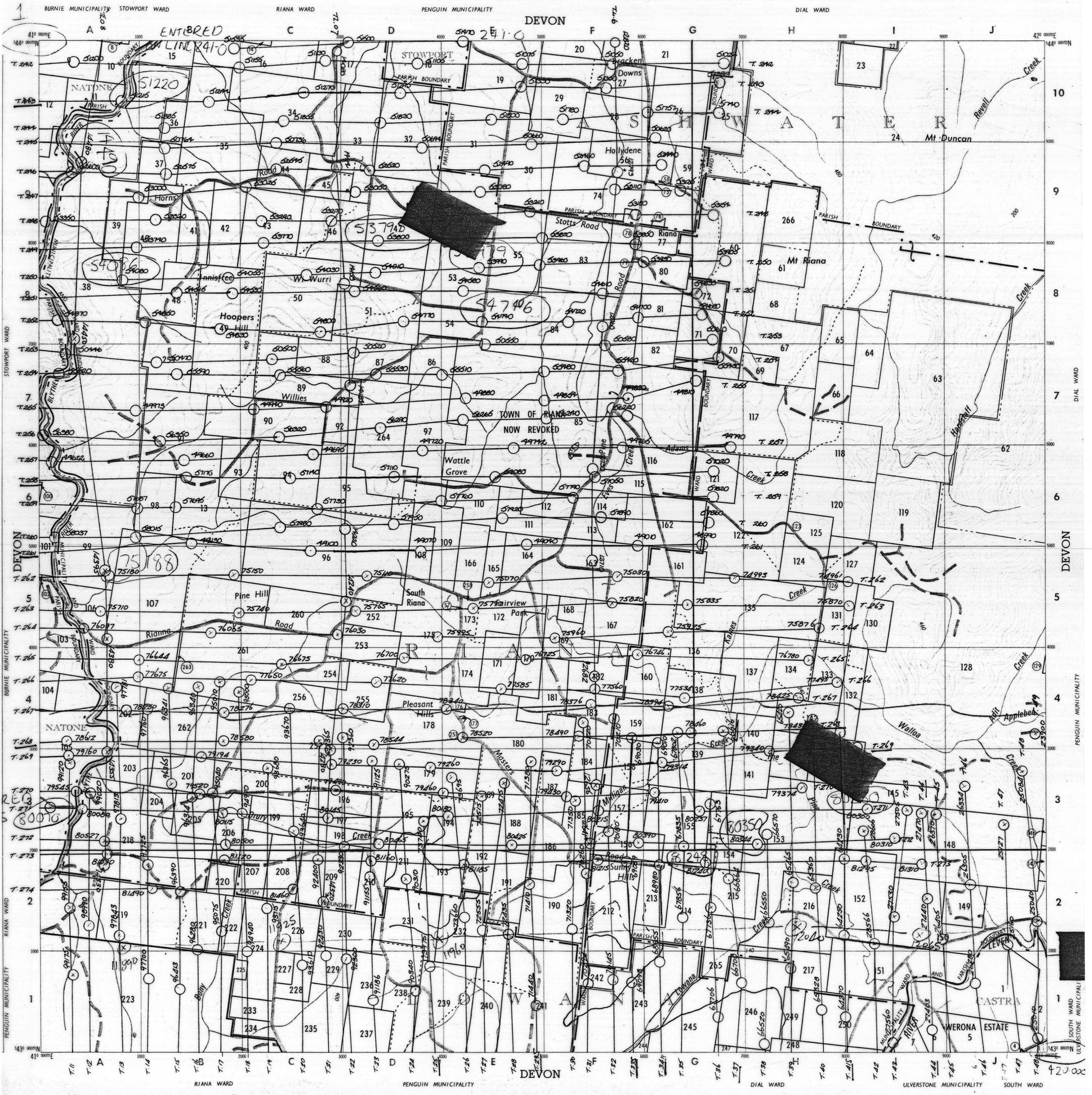




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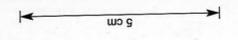
(Preliminary Edition)



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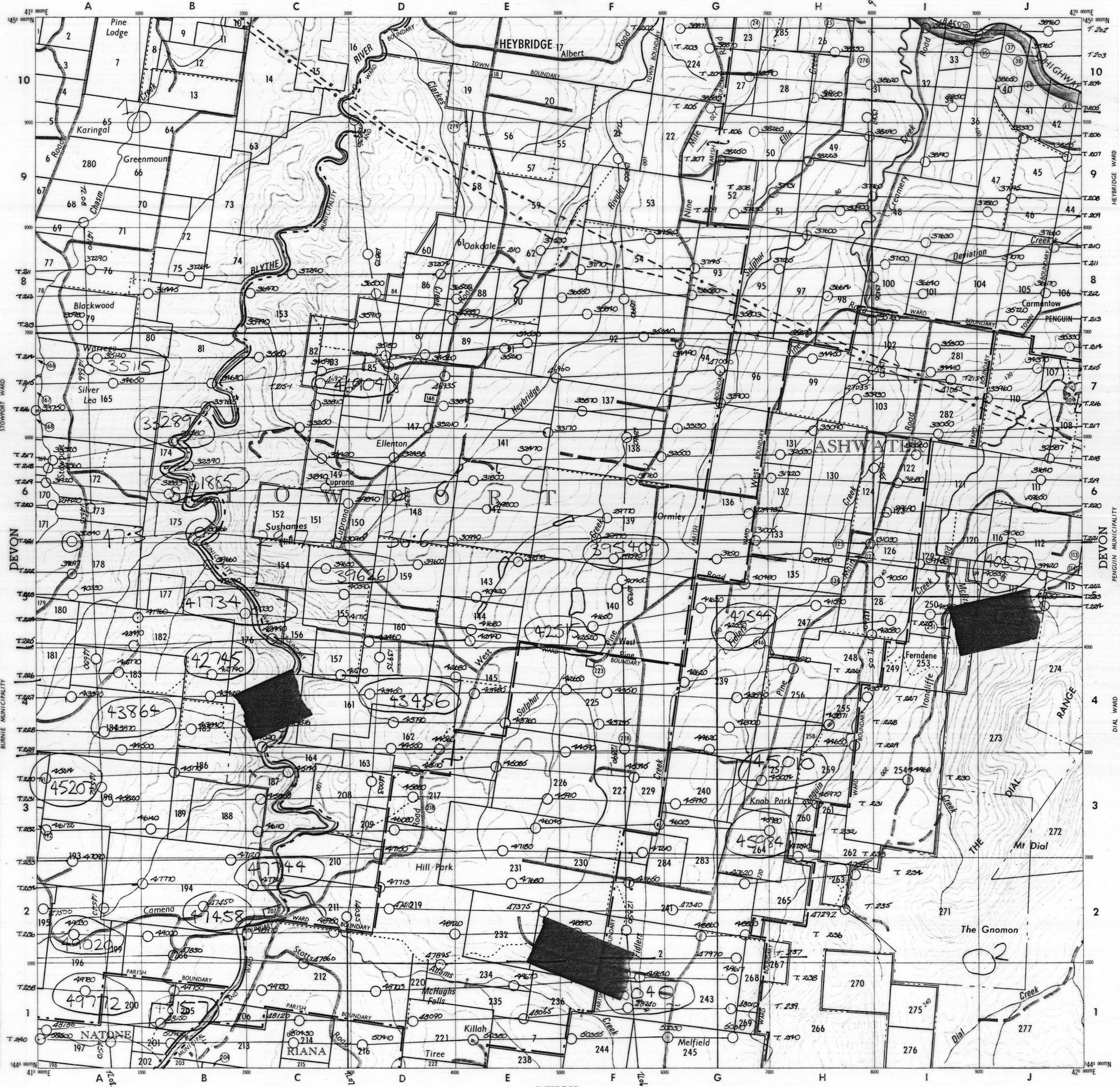
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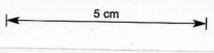
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(Preliminary Edition)

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82-1728



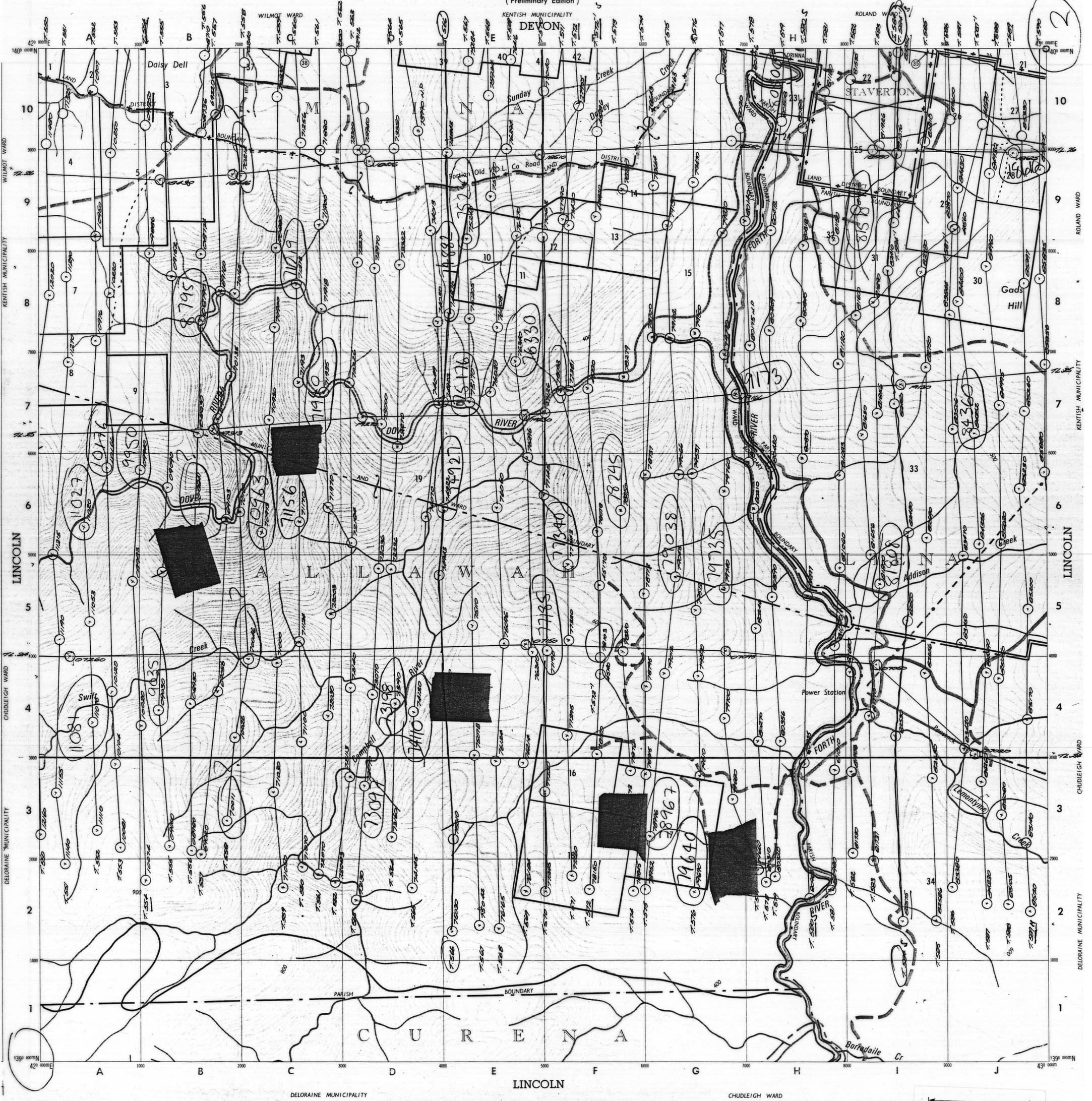
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(Preliminary Edition)



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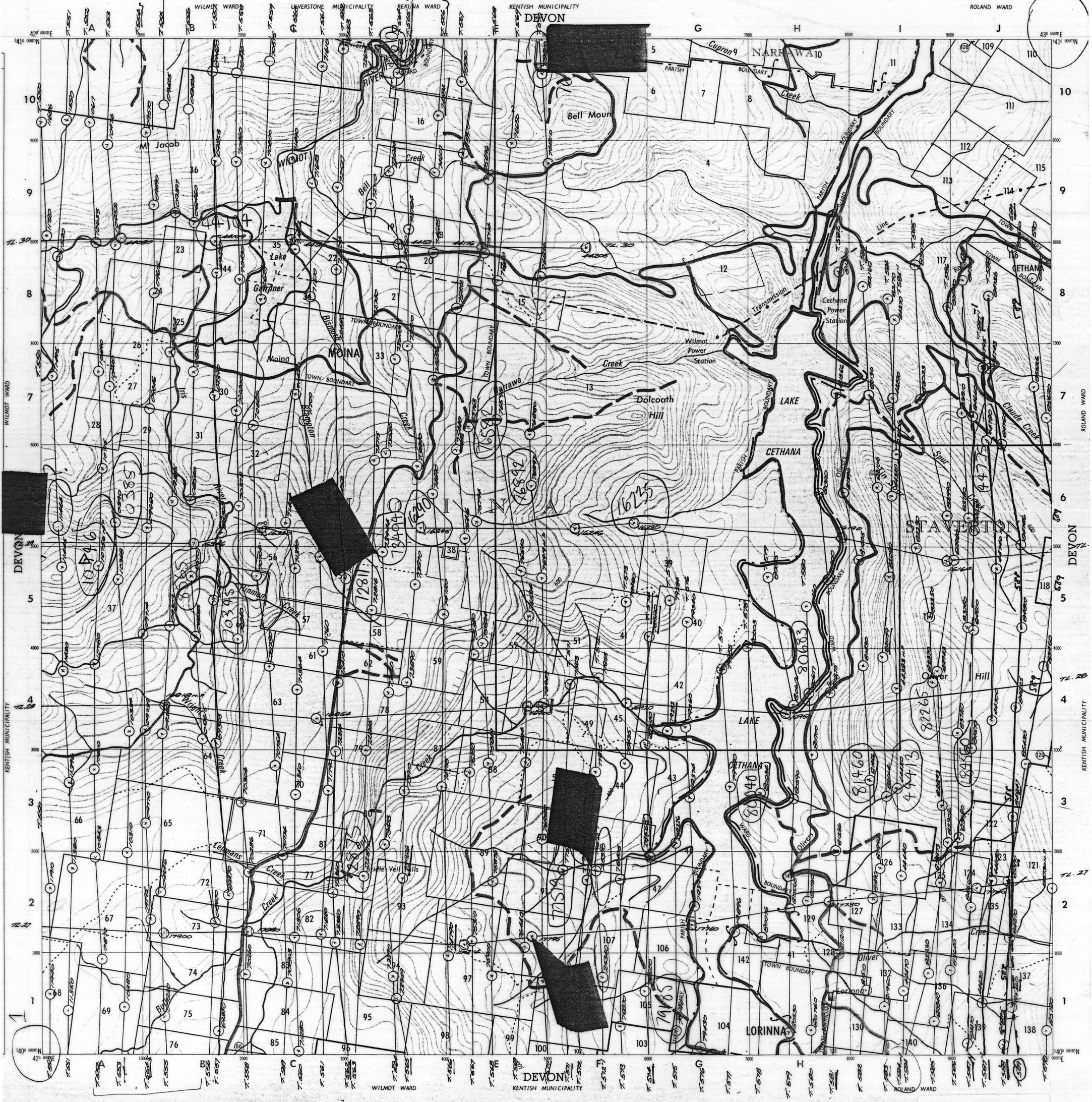
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82-1728

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82-1728

ULVERSTONE MUNICIPALITY SOUTH WARD  
DEVON



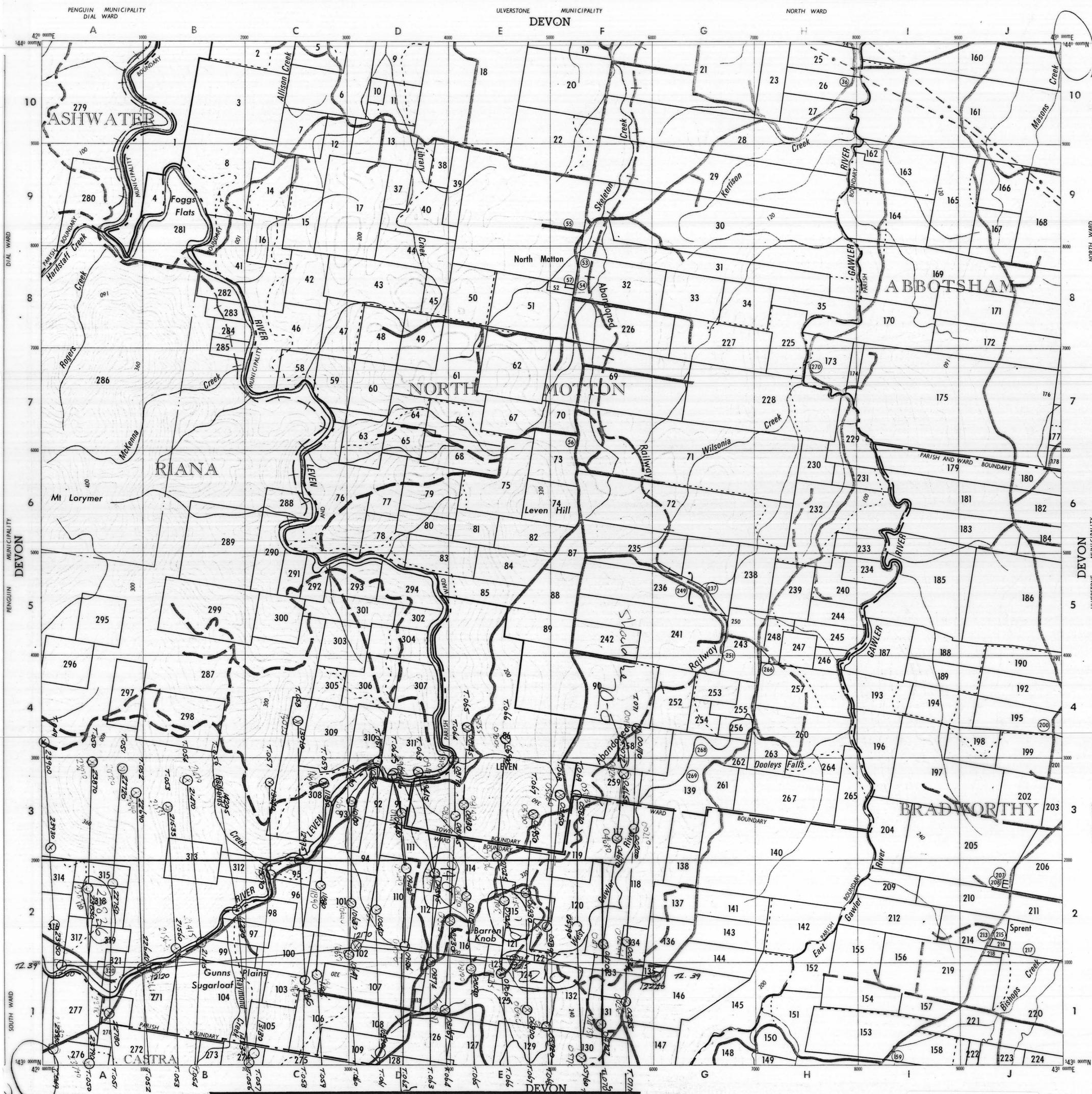
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(Preliminary Edition)

ULVERSTONE MUNICIPALITY SOUTH WARD  
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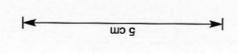
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DEVON

KENTISH MUNICIPALITY WILMOT WARD

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(Preliminary Edition)

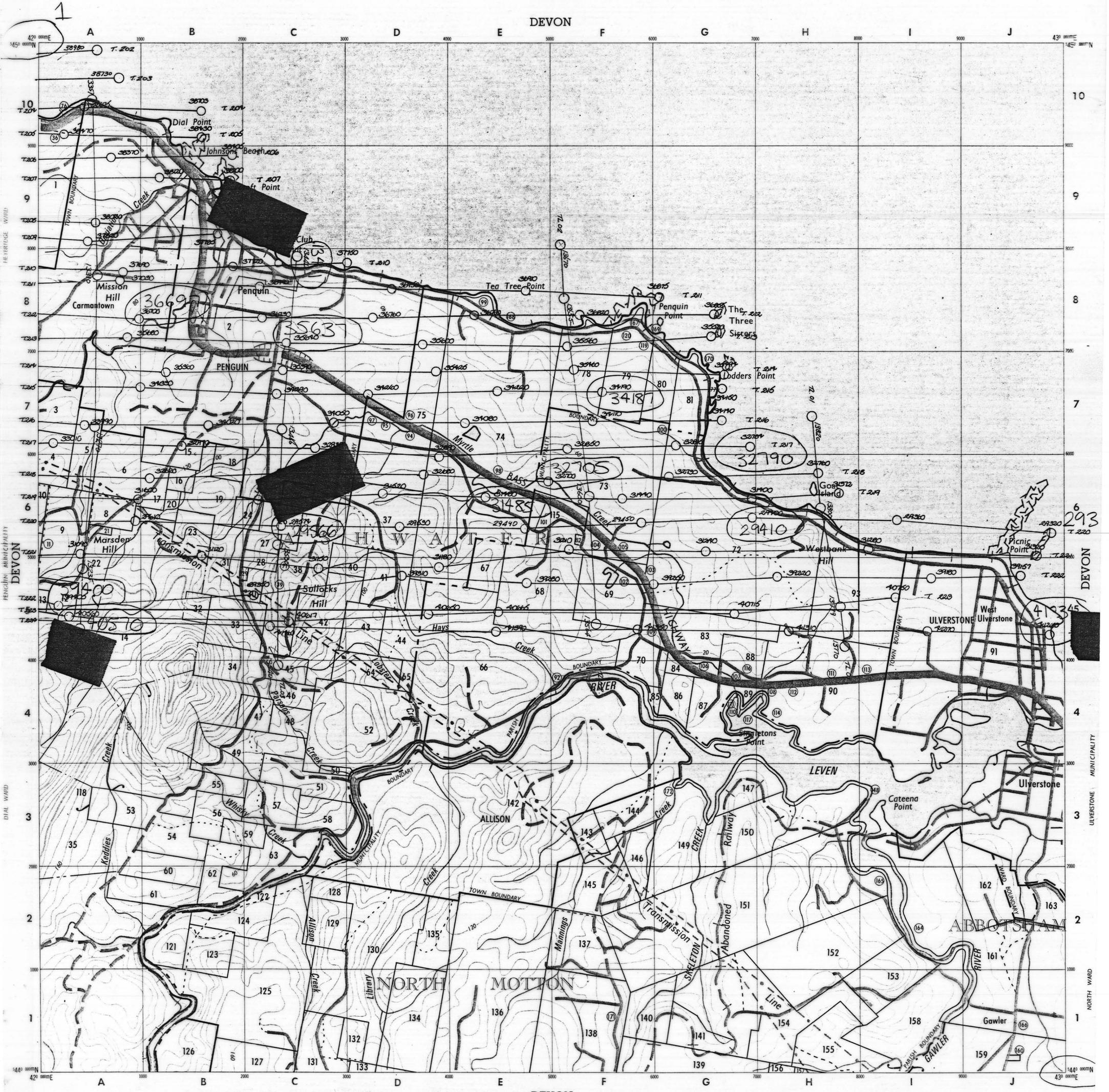


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DEVON



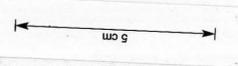
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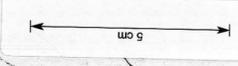
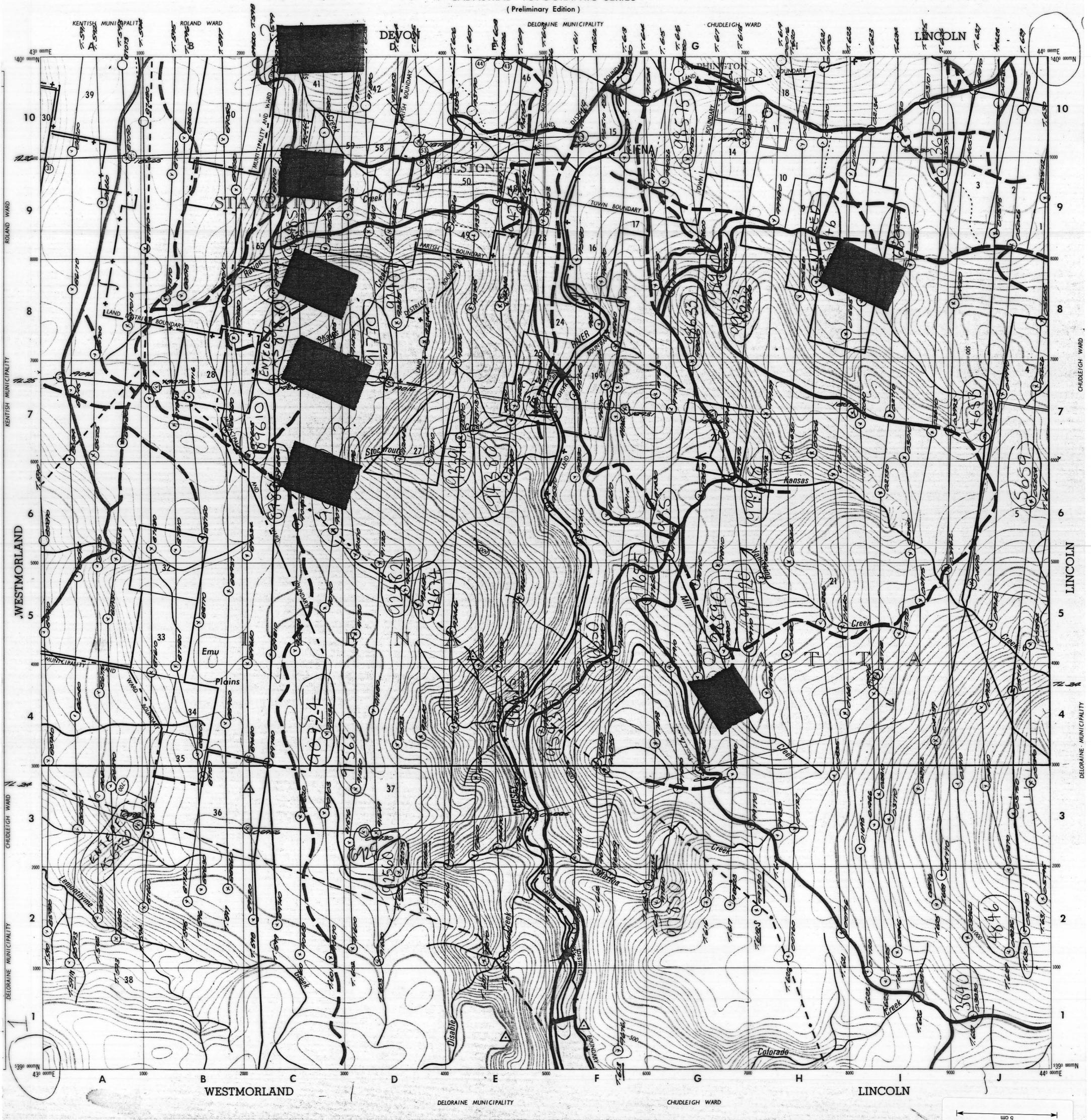
PENGUIN MUNICIPALITY  
DIAL WARD

DEVON  
ULVERSTONE MUNICIPALITY  
NORTH WARD



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(Preliminary Edition)

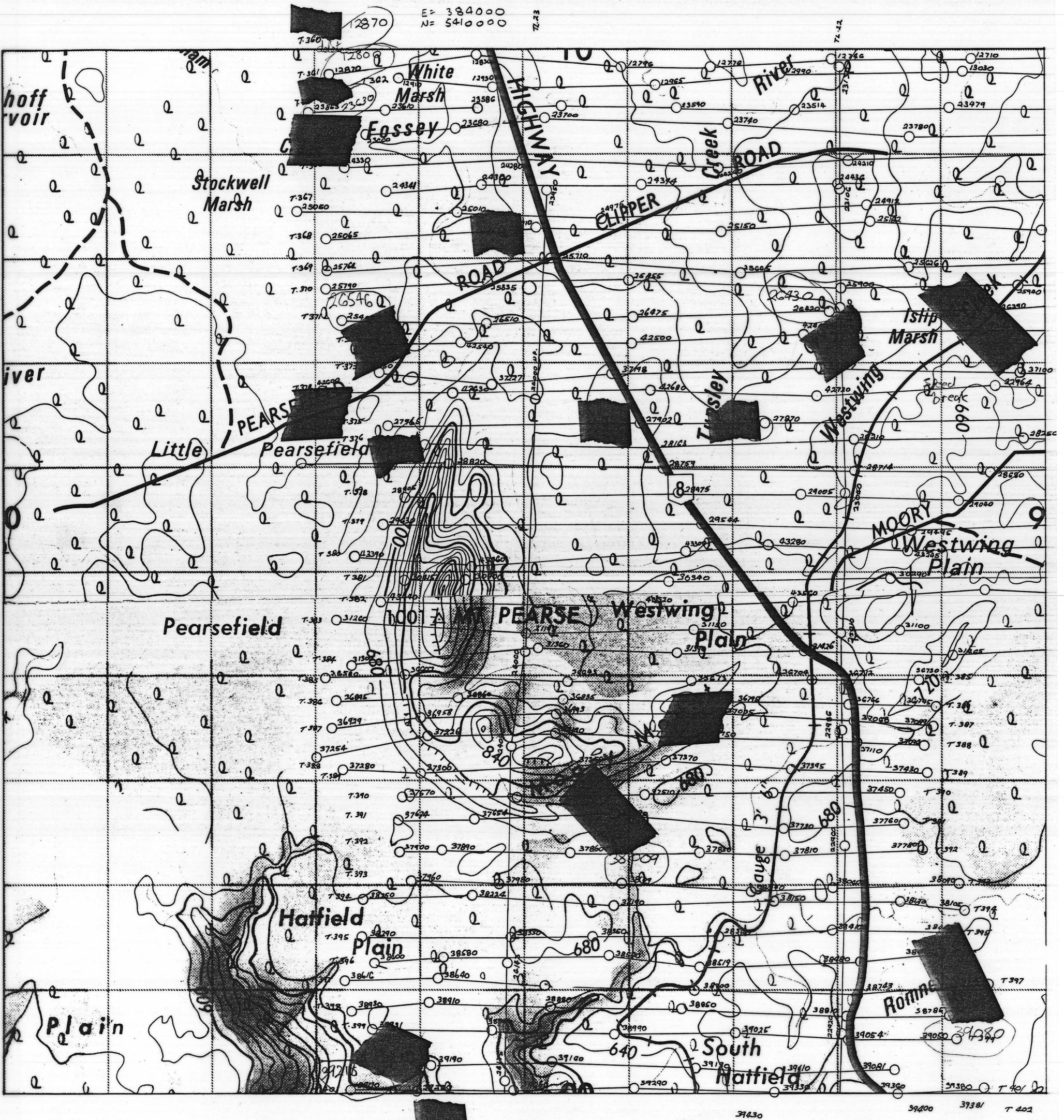
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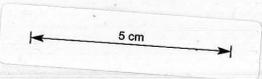
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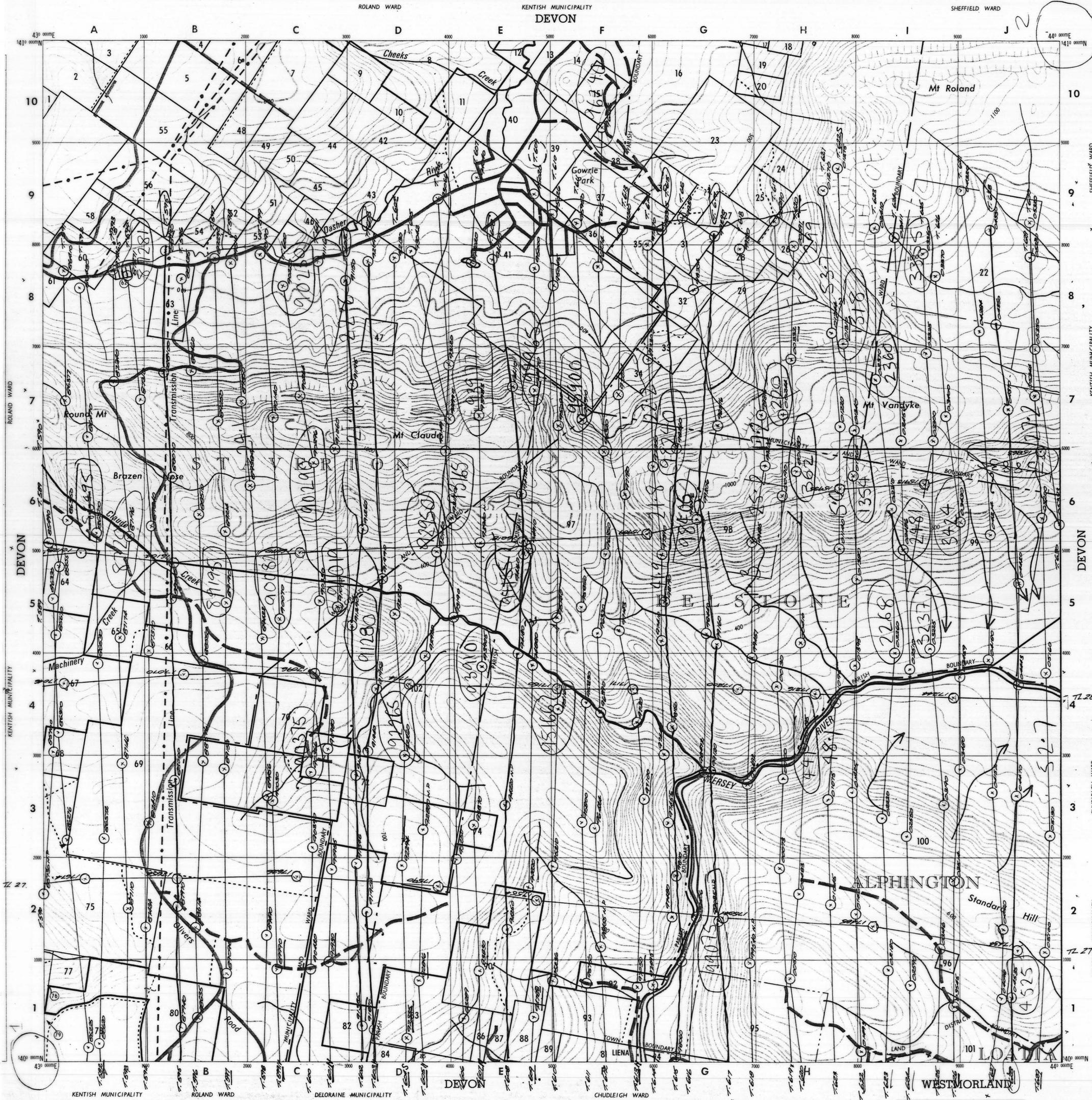
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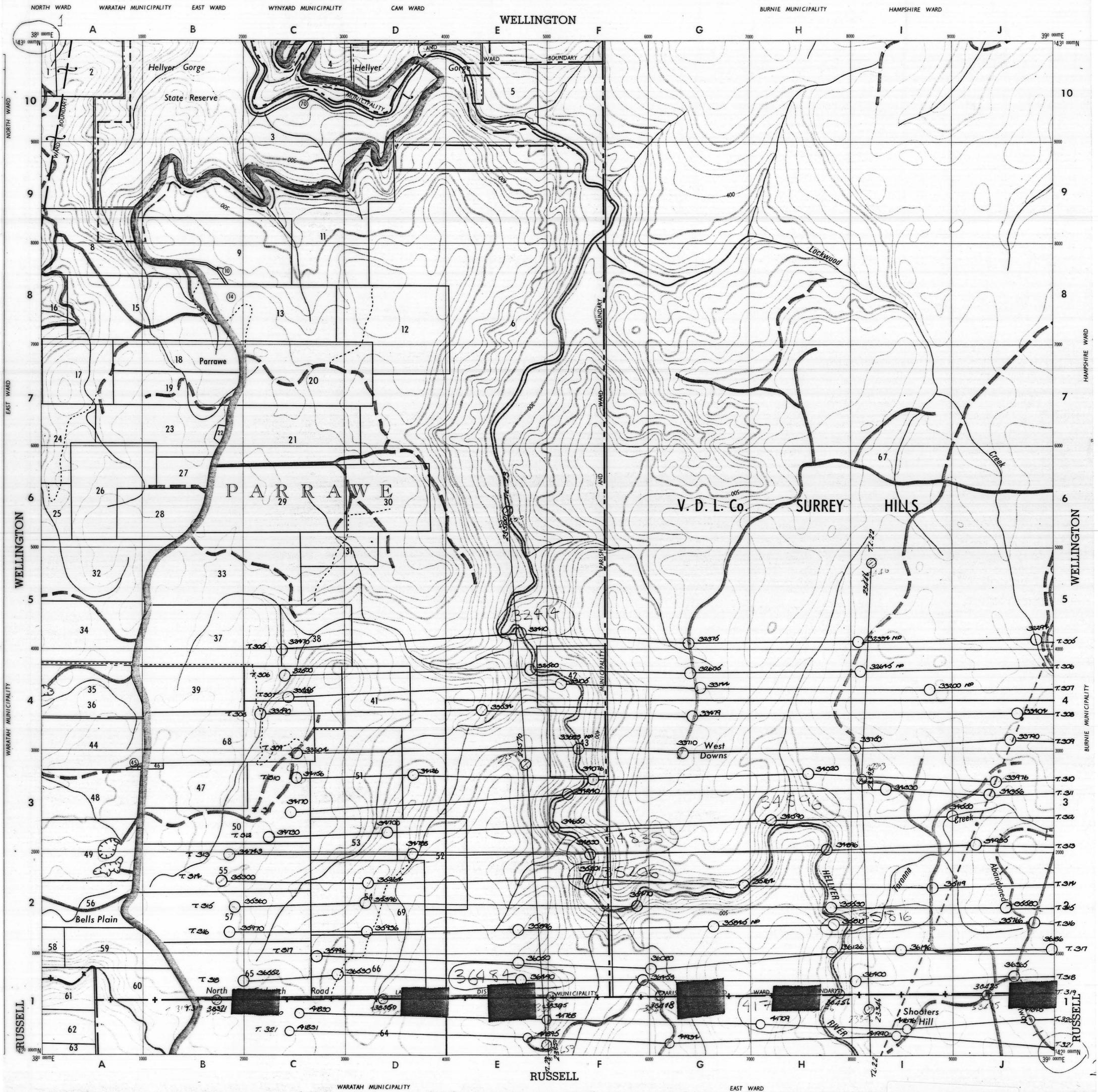
KENTISH MUNICIPALITY

## DEVON



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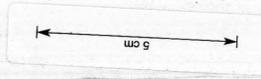
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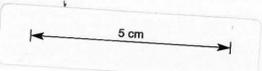


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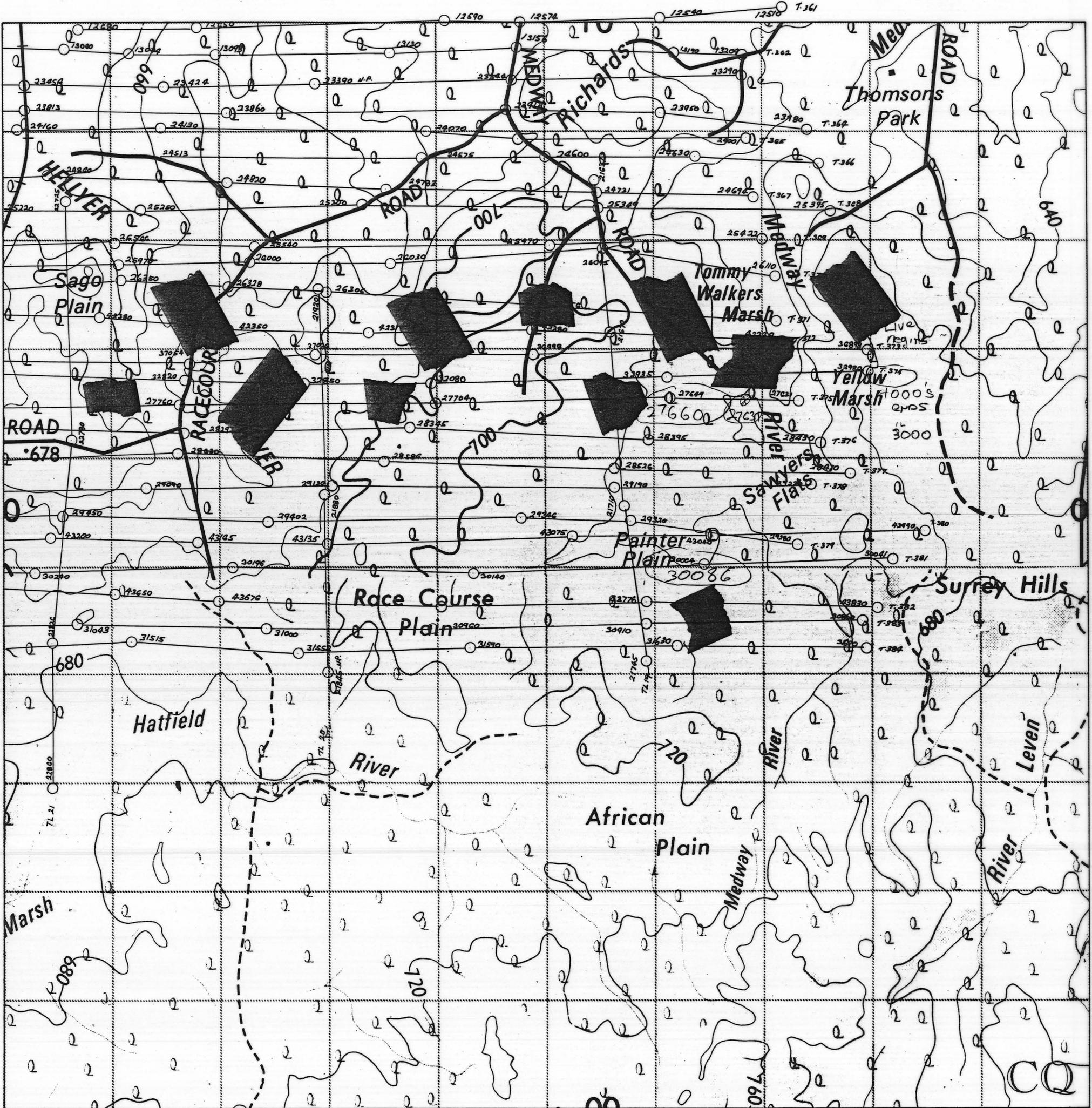
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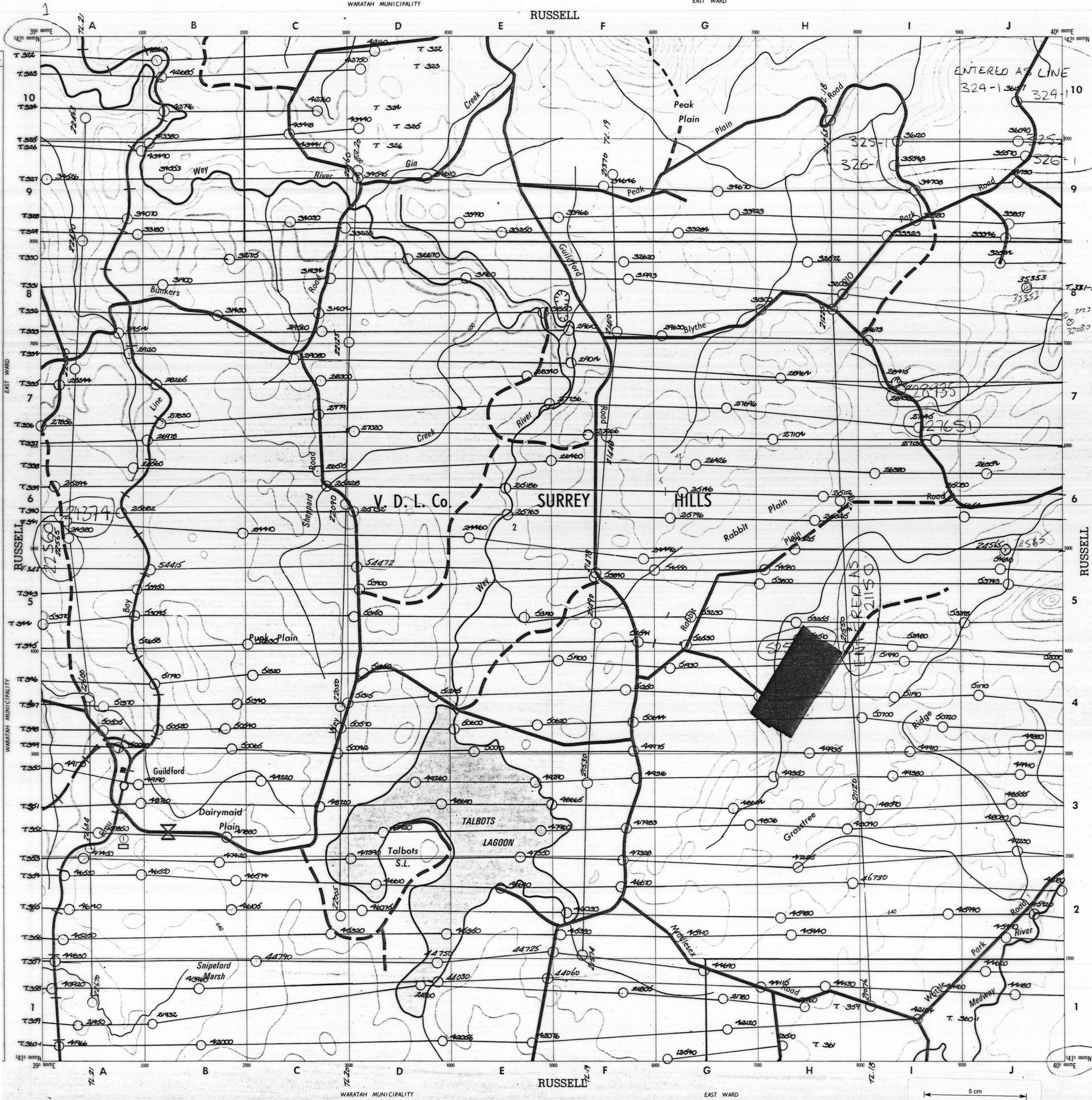
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(Preliminary Edition)

WARATAH MUNICIPALITY

EAST WARD

RUSSELL



82-1728

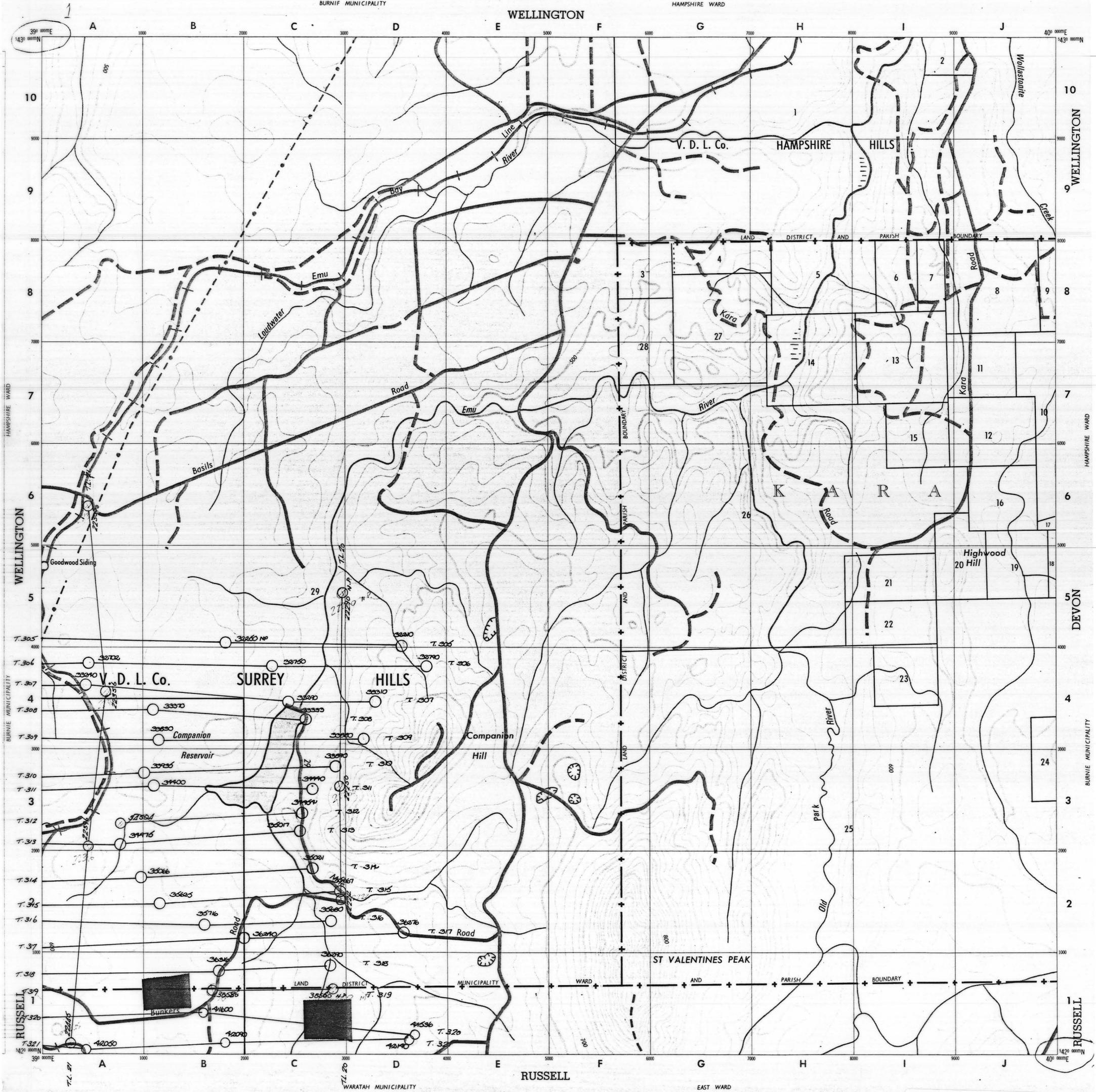


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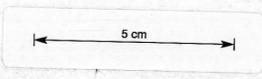
BURNIE MUNICIPALITY

HAMPSHIRE WARD

WELLINGTON



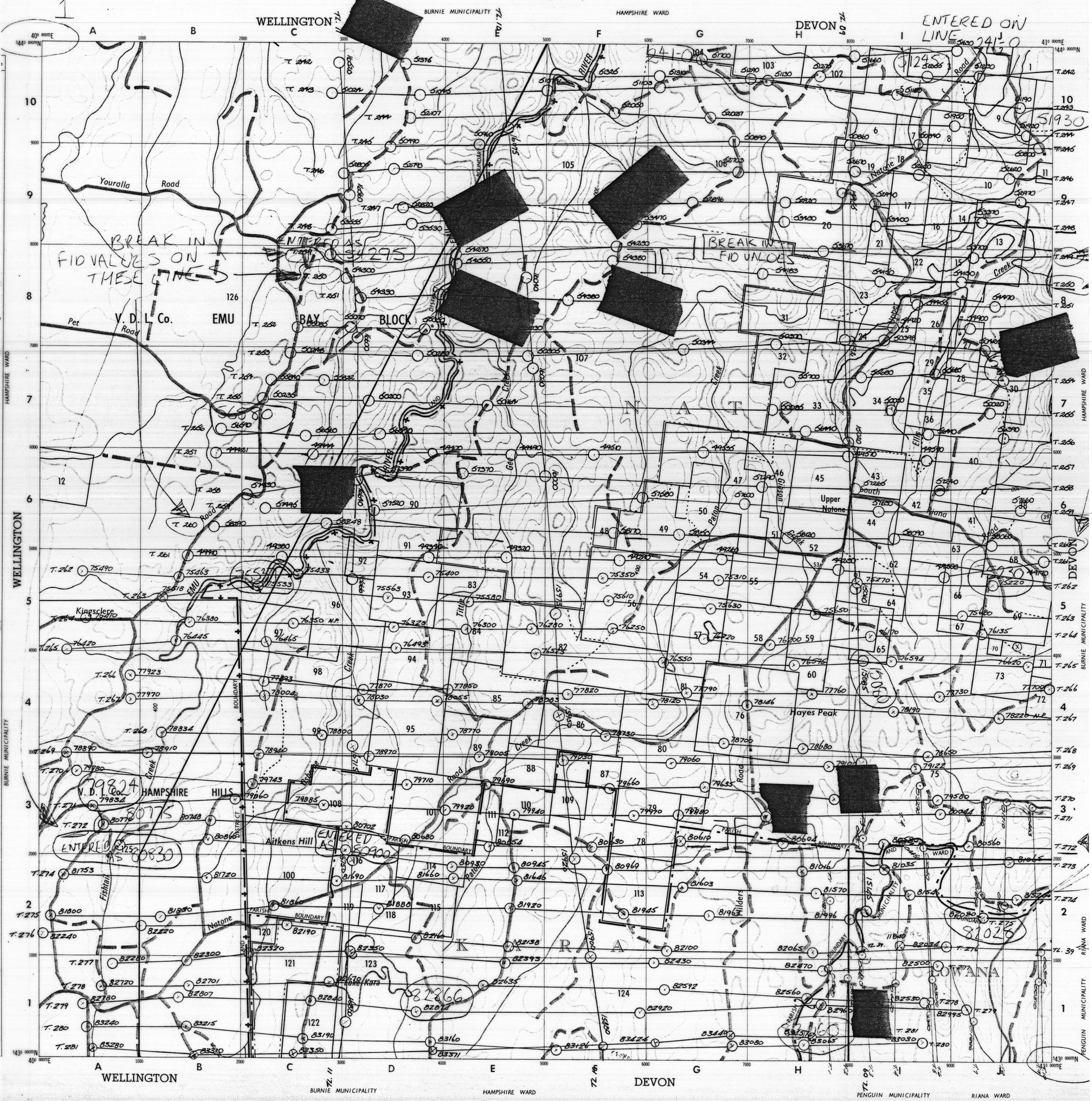
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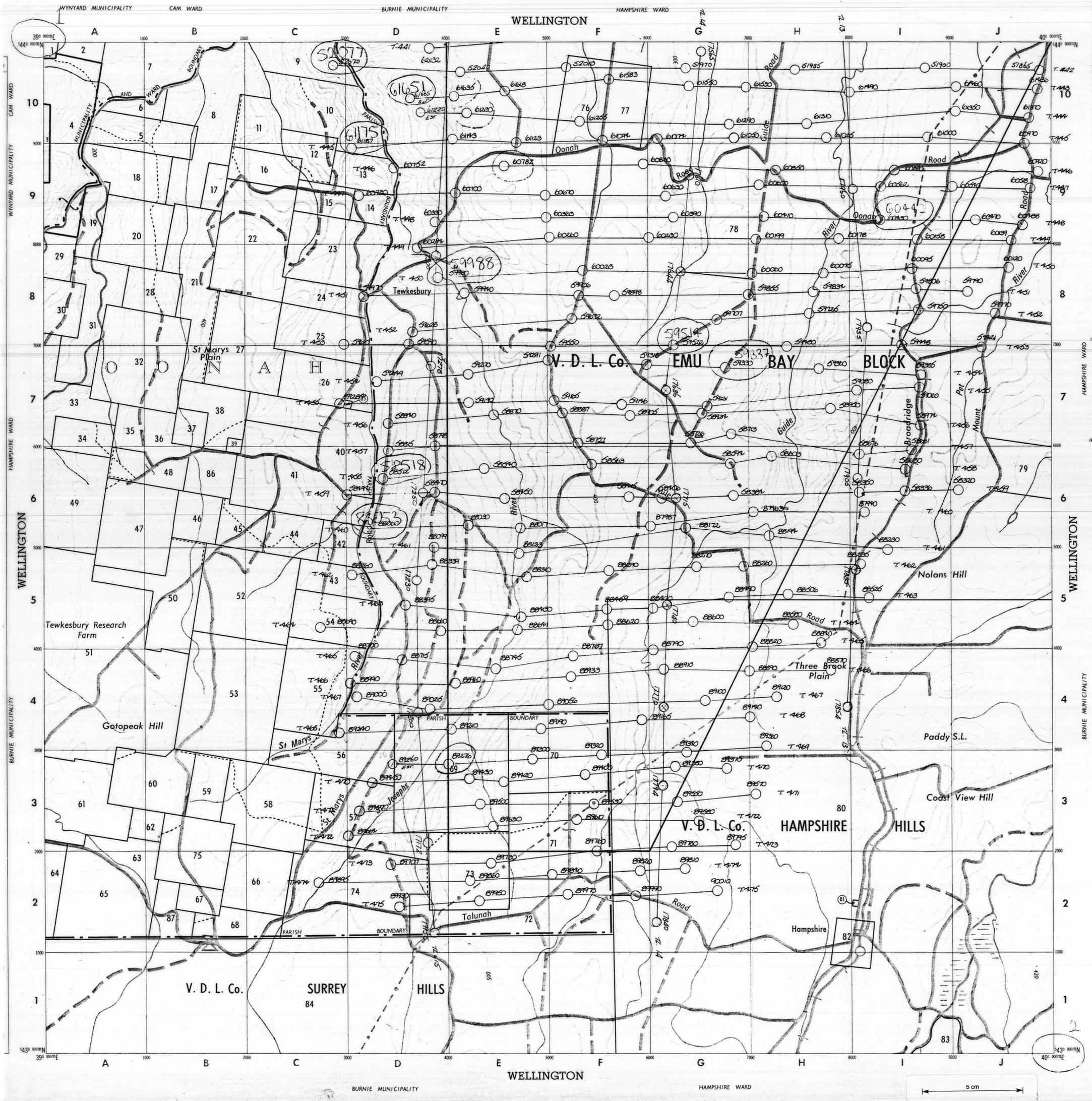
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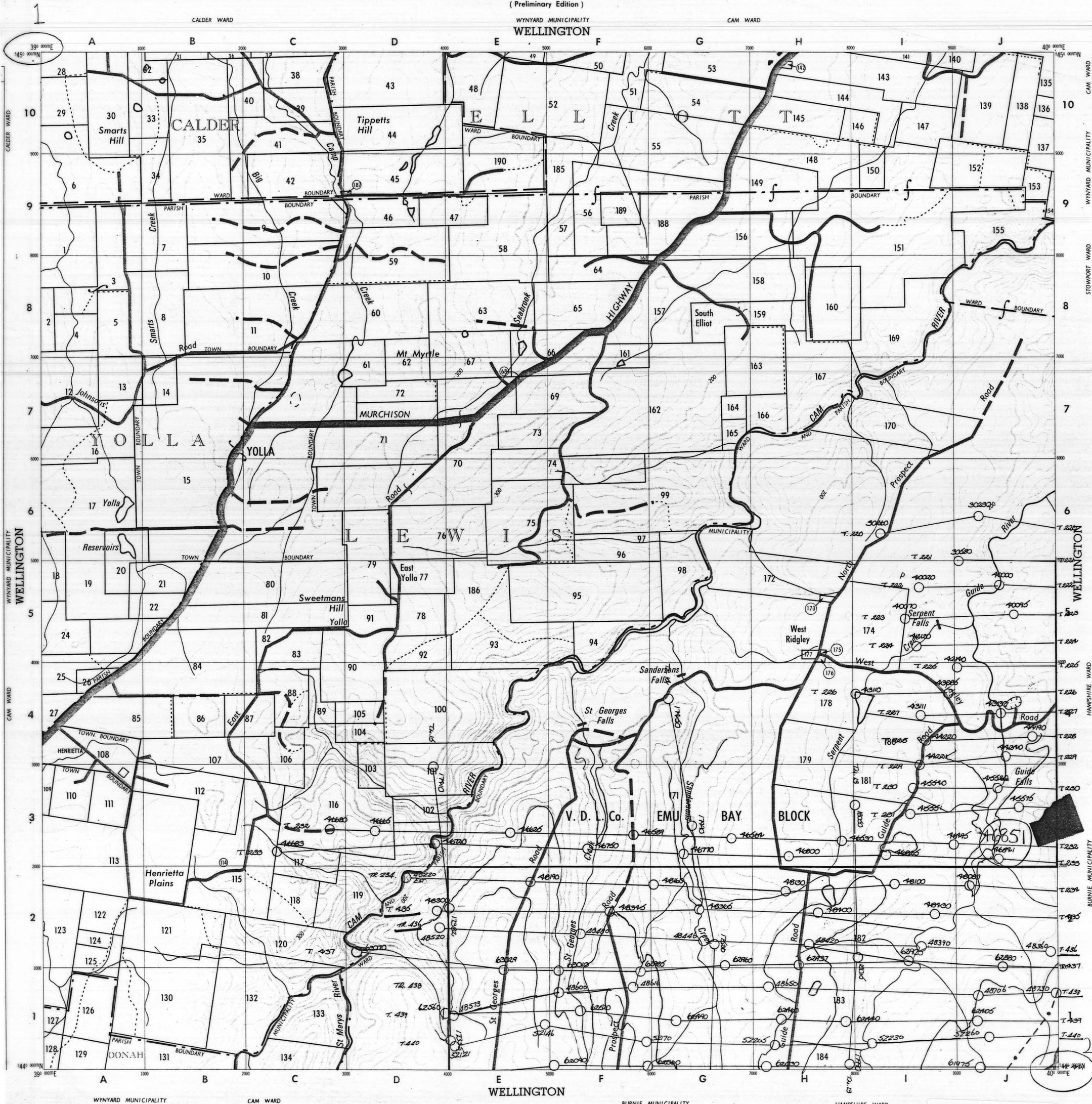
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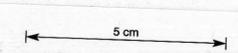
WYNYARD MUNICIPALITY

WELLINGTON

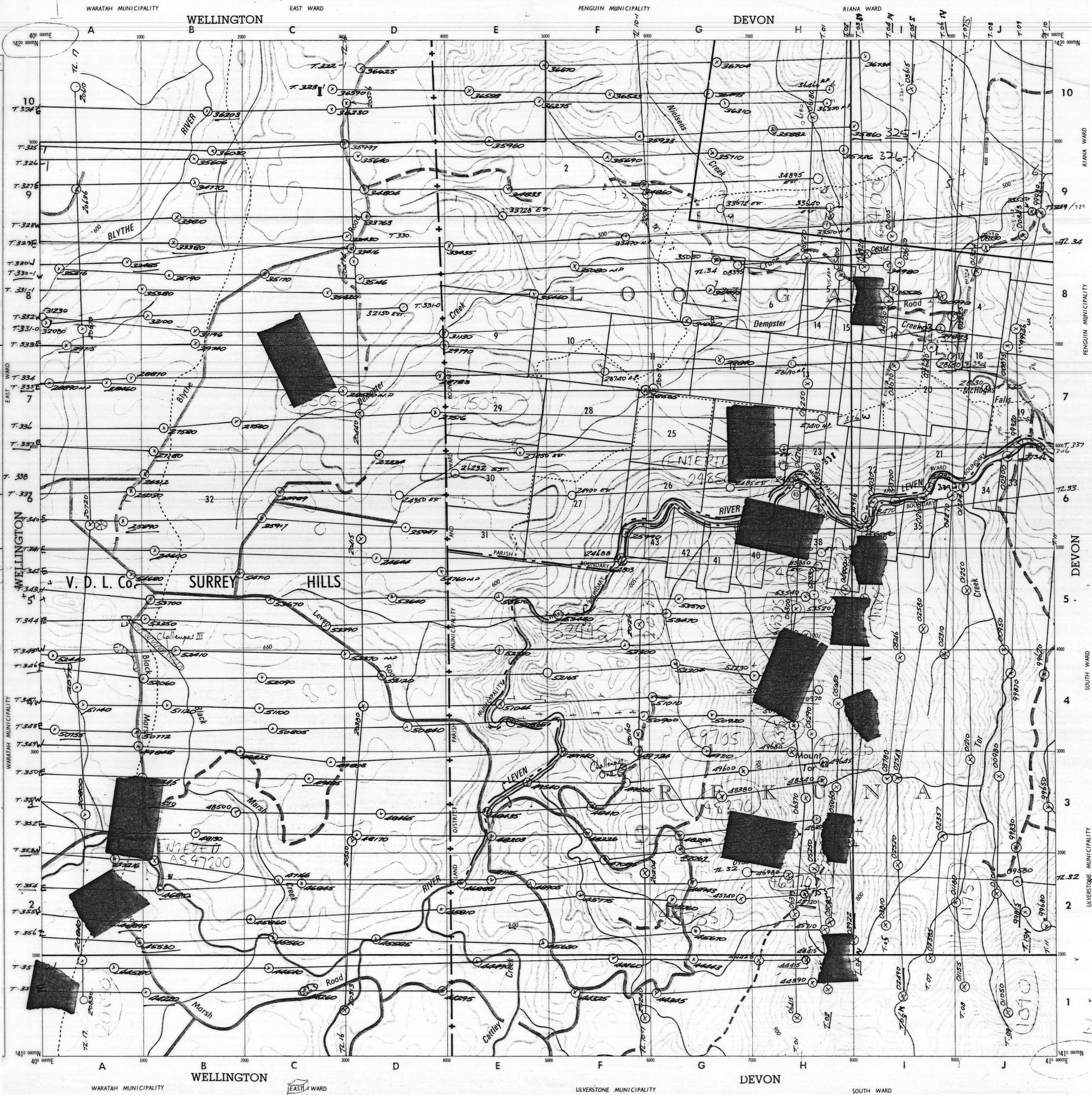
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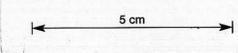
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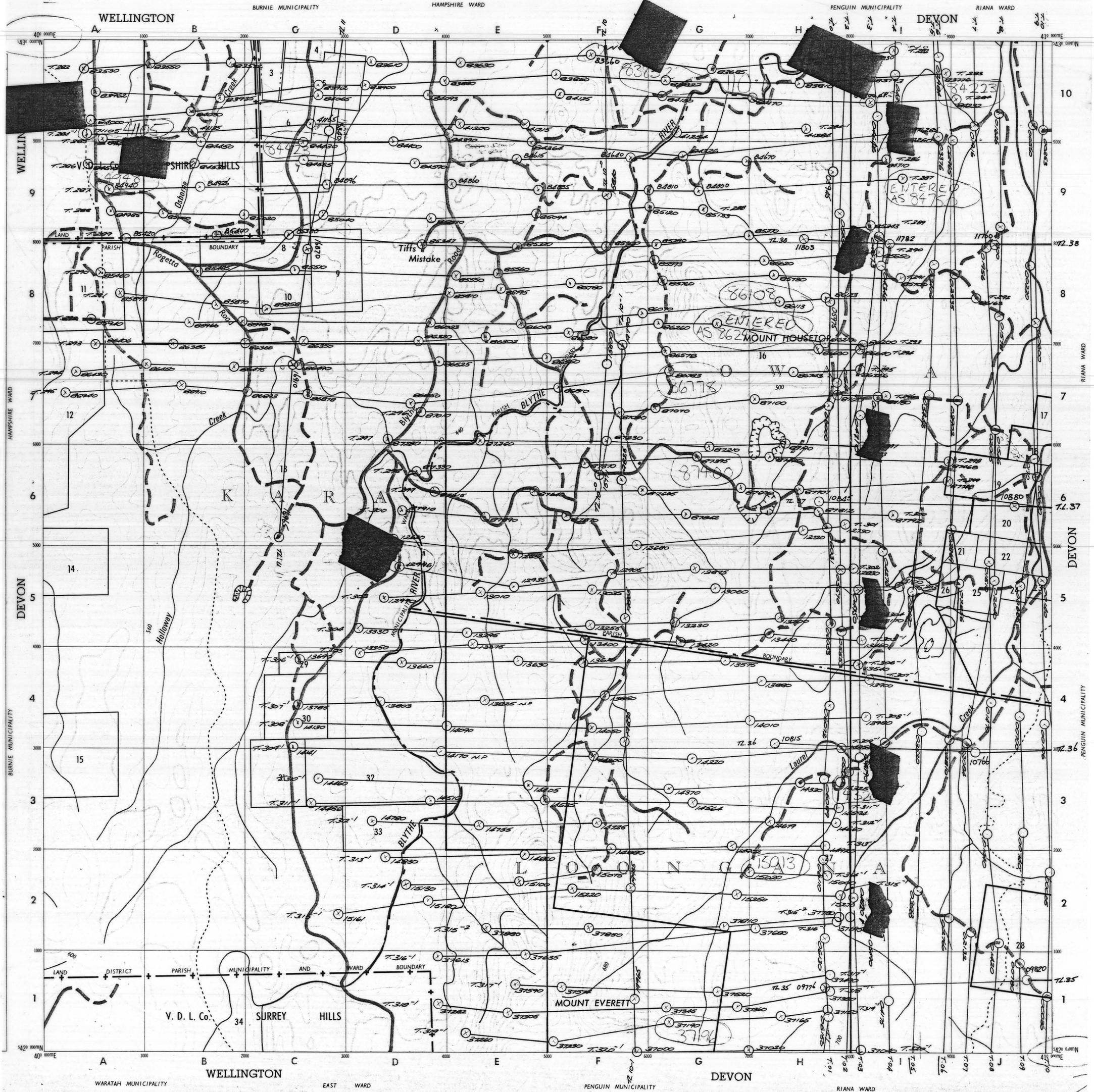
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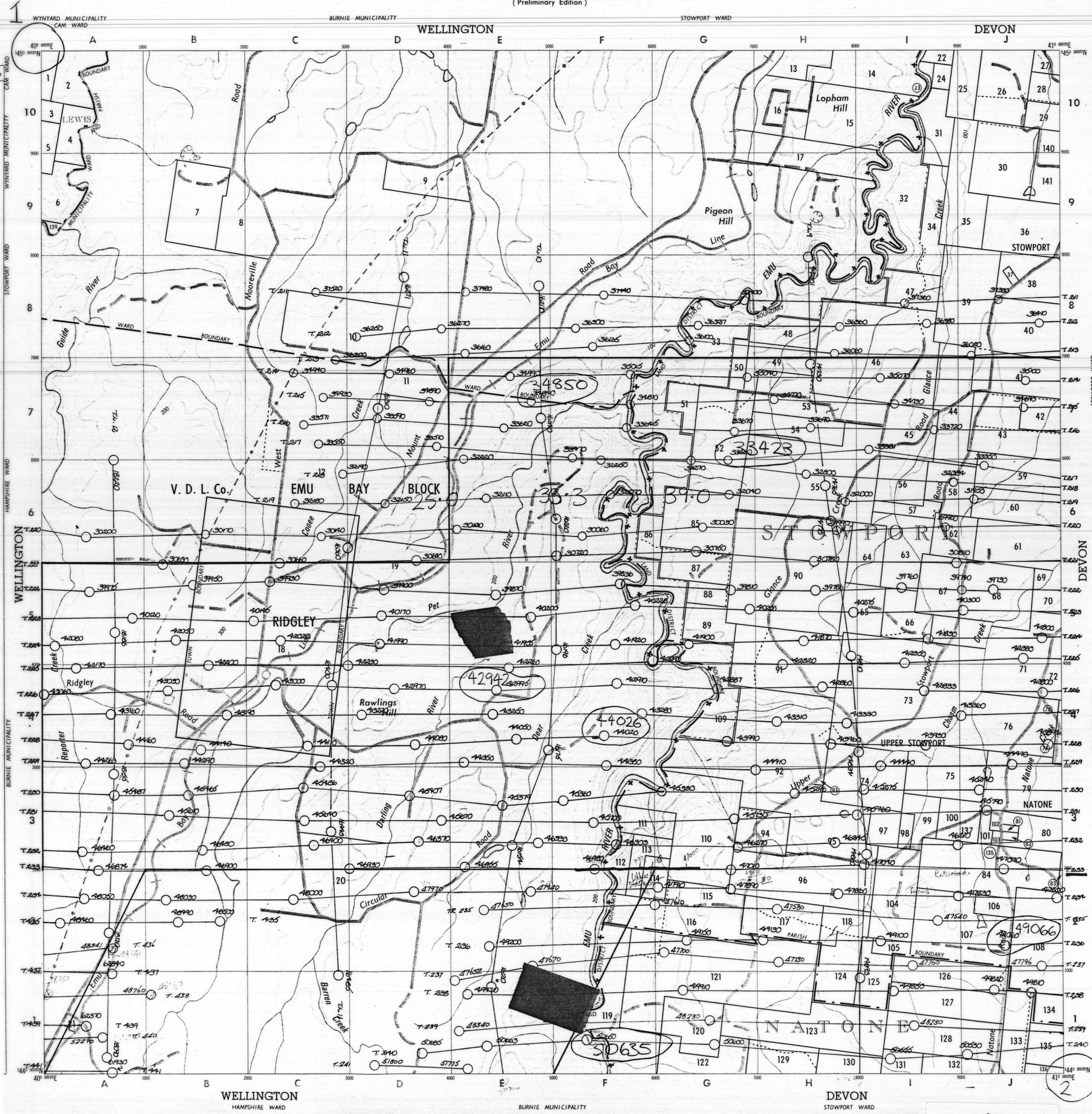
CADASTRAL - TOPOGRAPHIC SERIES  
(Preliminary Edition)



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82-1728



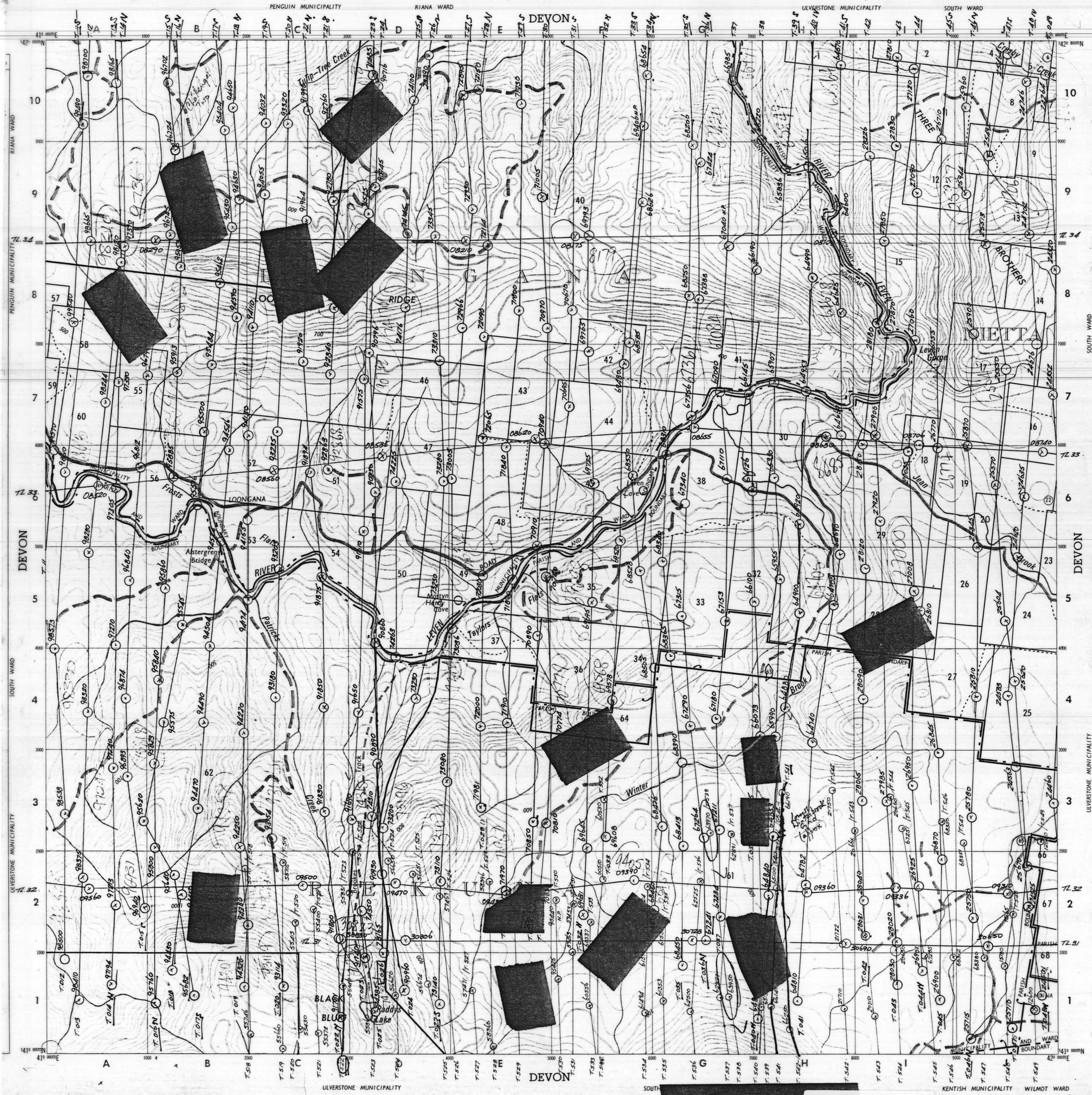


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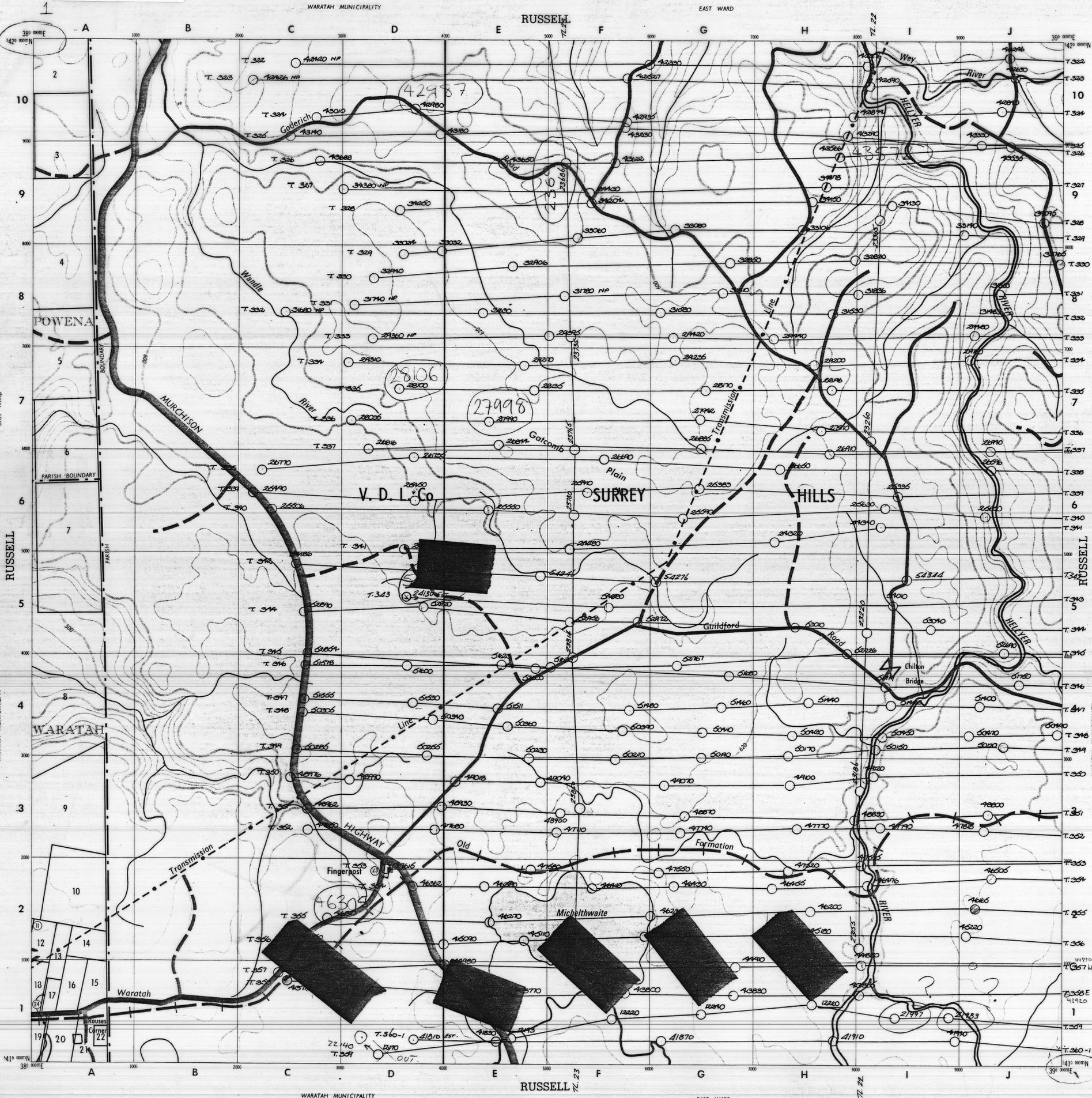
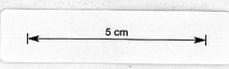
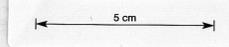
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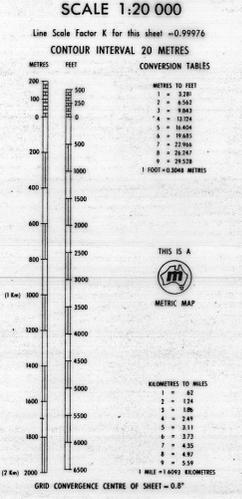
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CADASTRAL - TOPOGRAPHIC SERIES  
(Preliminary Edition)

REFER TO THIS MAP AS: SHEET 20/3841



PRODUCTION: Lands Dept. 1975  
PROJECTION: Transverse Mercator  
HORIZONTAL DATUM: Australian Geodetic Datum 1966  
VERTICAL DATUM: Mean Sea Level  
COMPILED: Based on 1:100 000 Topographical Series and Land District Charts.



MAGNETIC VARIATION 1970 APPROX 12.0°  
RATE OF CHANGE APPROX +0.1° EVERY 2 YEARS

MAP REFERENCE SYSTEM  
① ②  
20/3841

① Fractional scale in thousands i.e. 1:20 000  
② South-West co-ordinates of this map sheet as represented by 10,000 metre grid intervals of the Australian Map Grid i.e. 41,00,000m East and 380,000m North.

BOUNDARY LEGEND

- Land District: Dotted line
- Municipality: Long dashed line
- Parish: Short dashed line
- Ward: Dashed line with dots
- Town: Solid line
- Lease: Dashed line with crosses
- Licence: Dashed line with triangles
- State Forest: Dashed line with squares
- Survey: Dashed line with circles
- Miscellaneous: Dashed line with diamonds

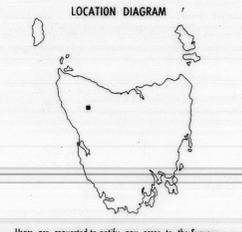
ROAD CLASSIFICATIONS

- Principal road and highway: Thick solid line
- Secondary road: Medium solid line
- Minor road: Thin solid line
- Vehicular track: Dashed line
- Reserved road: Dotted line

The representation of a road or track on this map is no evidence of the existence of a right of way

INDEX TO ADJOINING SHEETS.

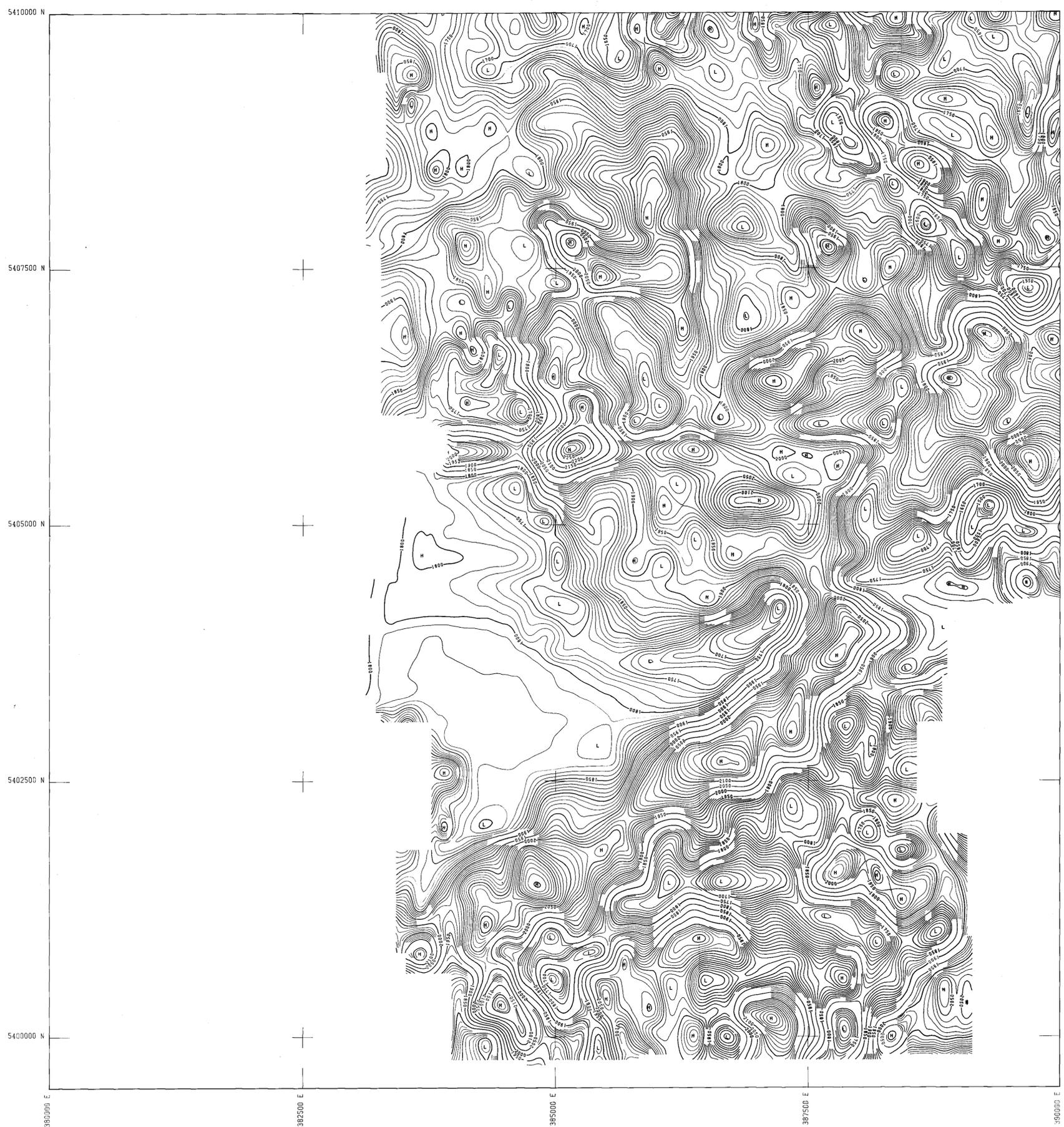
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3741	3841	3941
3740	3840	3940



Users are requested to notify any error to the Surveyor-General, Box 44A, G.P.O. Hobart.

TASMANIA  
CADASTRAL - TOPOGRAPHICAL  
SERIES  
SHT. 20/3841  
1:20 000

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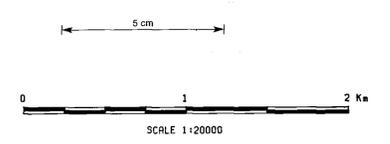


AIRBORNE SURVEY SPECIFICATIONS

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 DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON RCM-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 BIAD  
 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

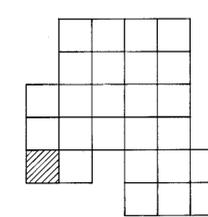
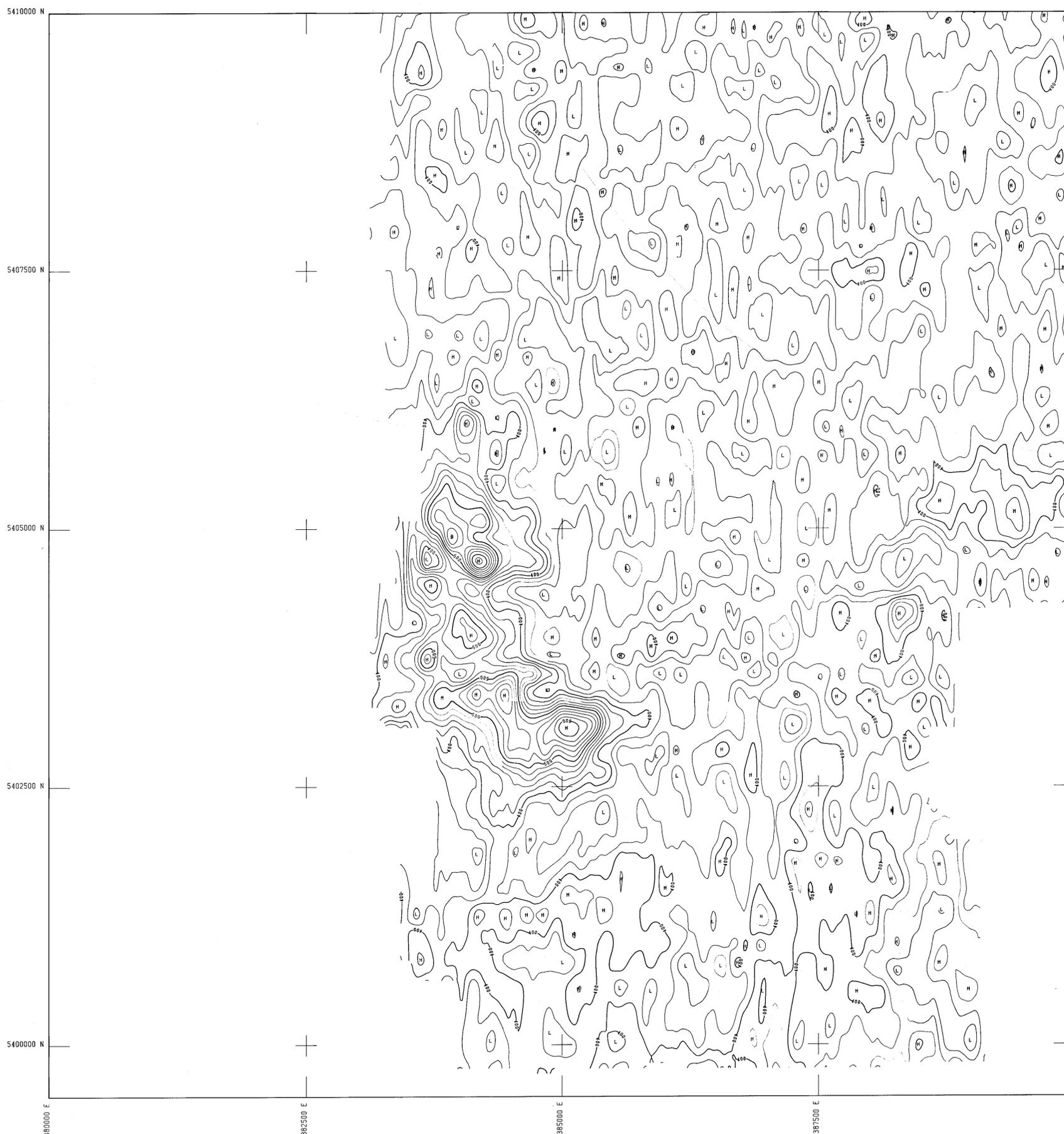
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 CONTOUR INTERVAL : 10 nT  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/3840  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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 20/3840		
PROJ NO.	MZ 01/1008	DATE: 03-NOV-80

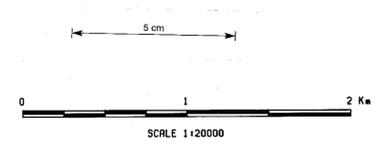


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 MAGNETOMETER SENSOR IN TOWED BRID  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

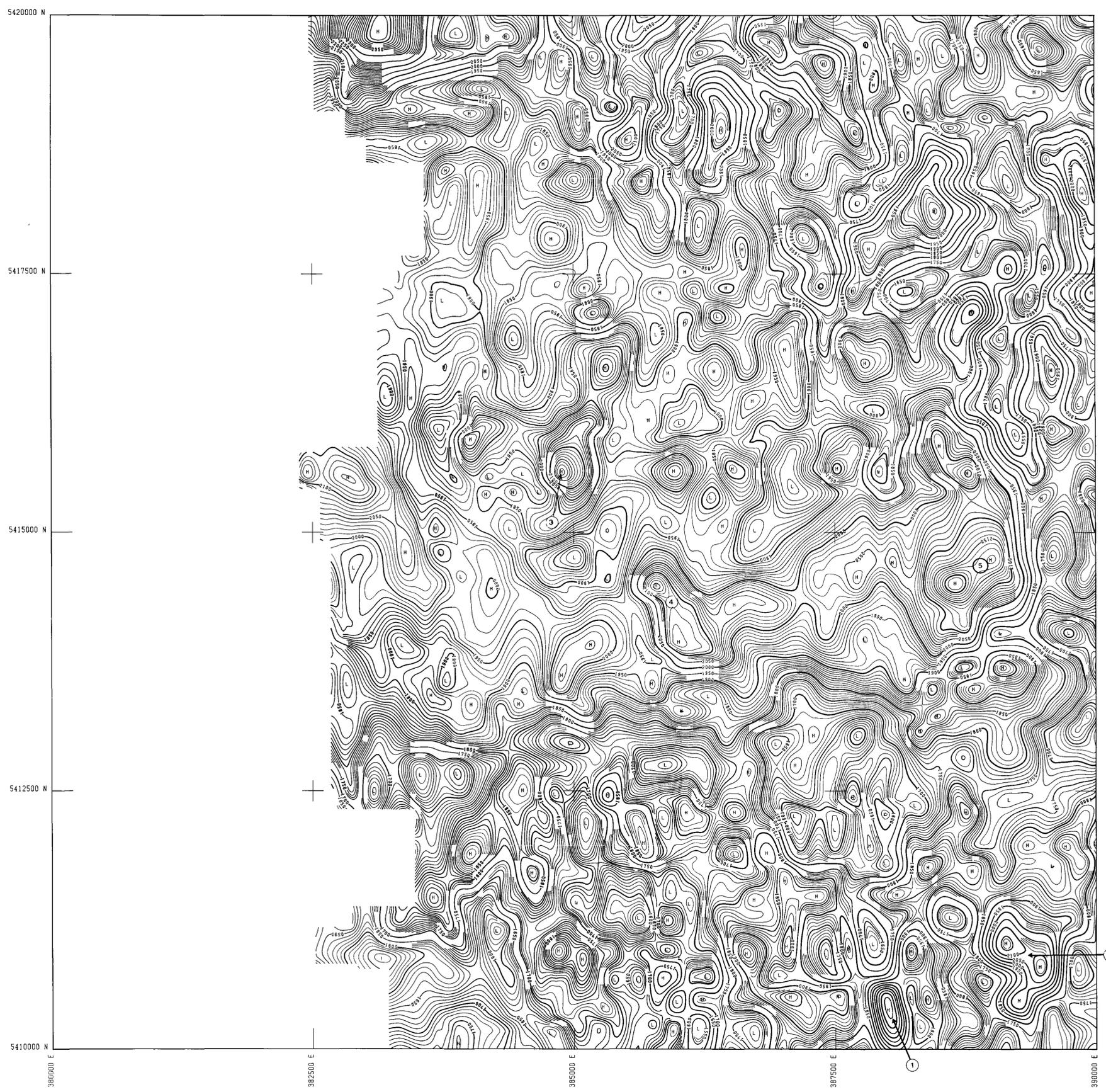
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 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/3840  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

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PROJ NO. MZ 01/1009	DATE: 22-DEC-80

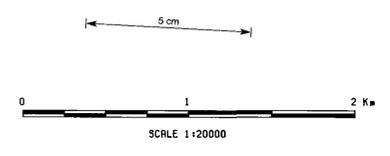


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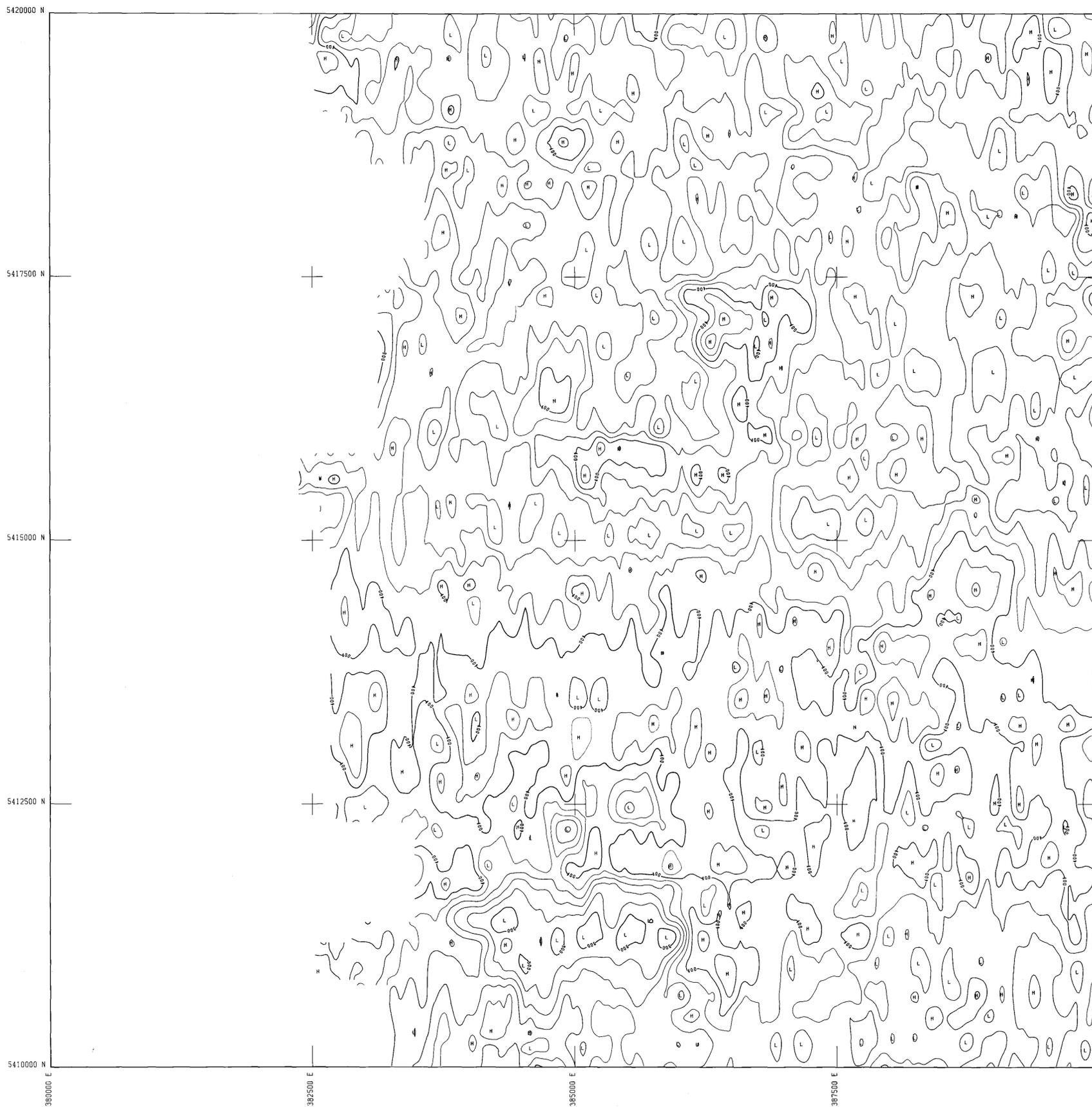
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 SHEET 20/3841  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



FLOWN BY GEOMETRICS INT CORP  
 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
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PROJ. NO. MZ01/1006	DATE: 03-NOV-80



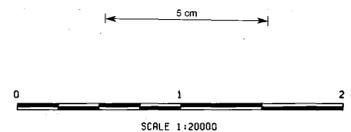
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 FLIGHT PATH RECORD : HULCHER 35mm TRACKING CAMERA  
 DETECTOR TERRAIN CLEARANCE : SPECTROMETER IN AIRCRAFT AT 100 metres MTC  
 MAGNETOMETER SENSOR IN TOWED BIAD  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED ACS PHOTOGRAPHY AT 1:20000  
 AND 1:30000

**PROCESSING SPECIFICATIONS**

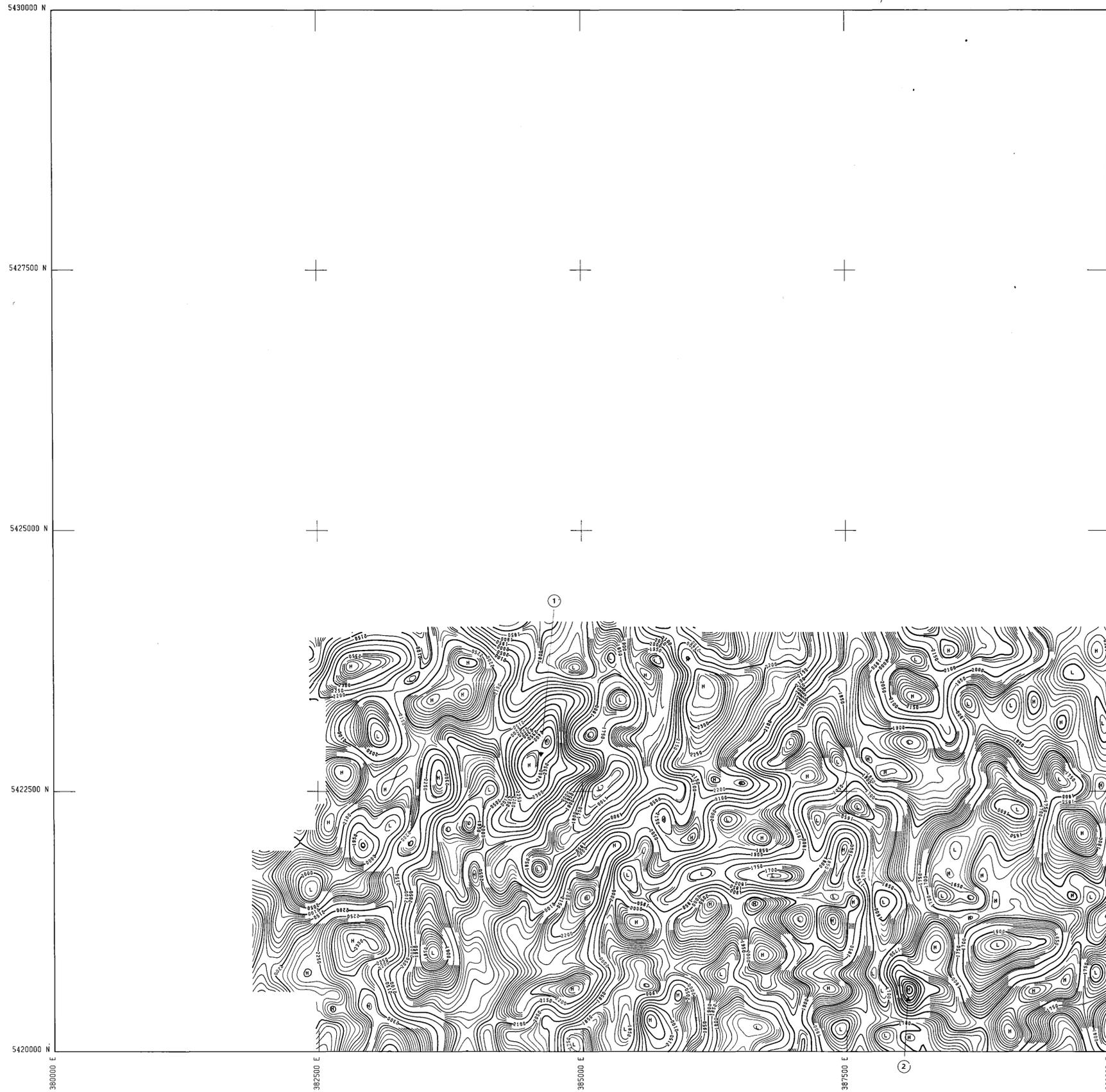
IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE

GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/3841  
 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 TOTAL COUNT CONTOURS SHEET 20/3841	
PROJ NO. M2 01 / 1007	DATE: 22-DEC-80

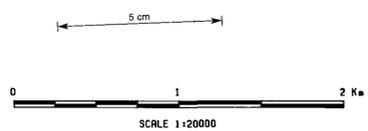


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

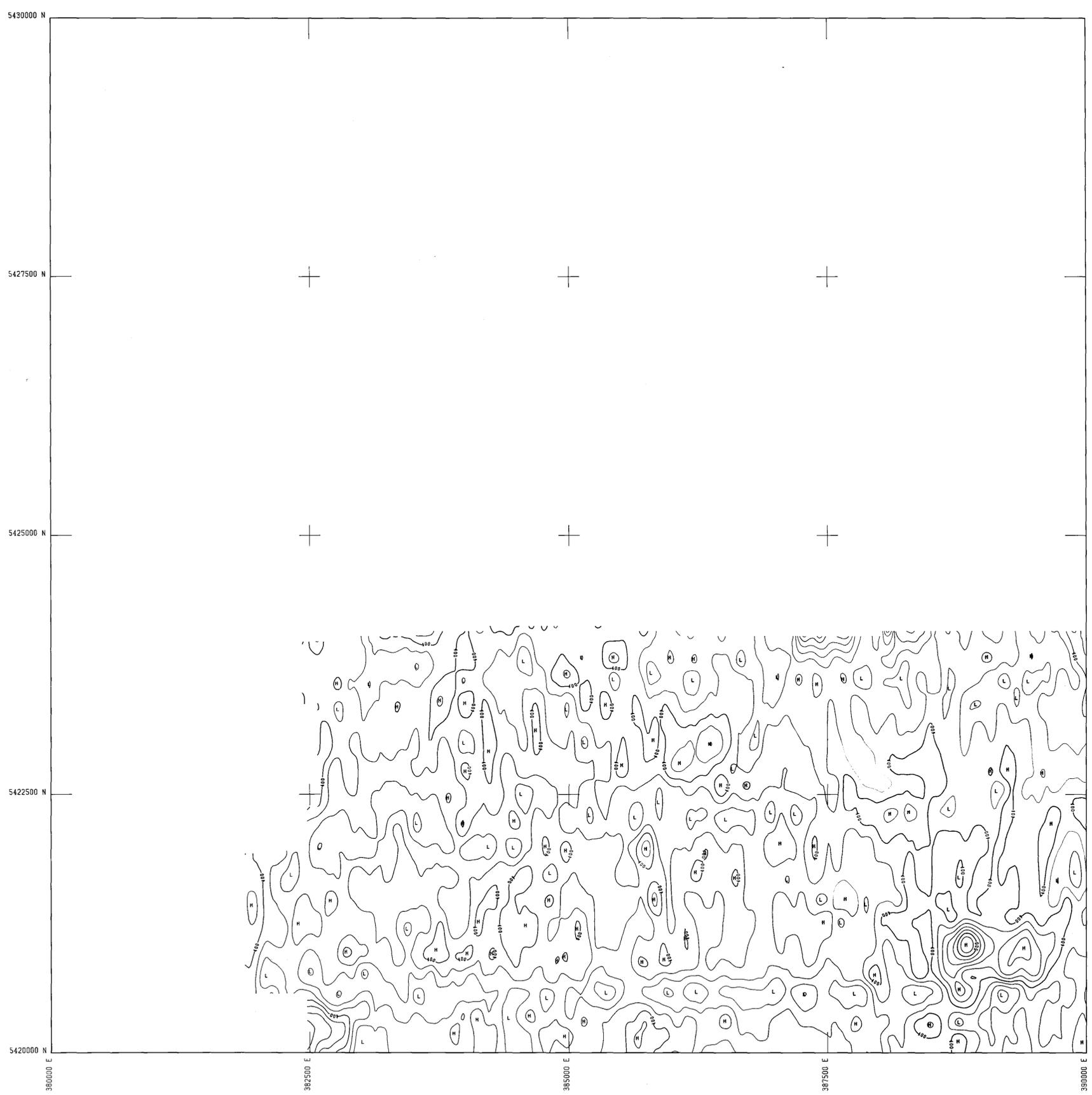
PROCESSING SPECIFICATIONS

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 20/3842  
 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 20/3842	
PROJ NO. MZ01/1004	DATE: 03-NOV-80

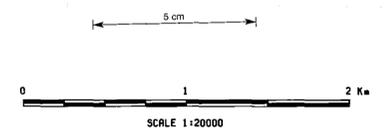


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 RC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

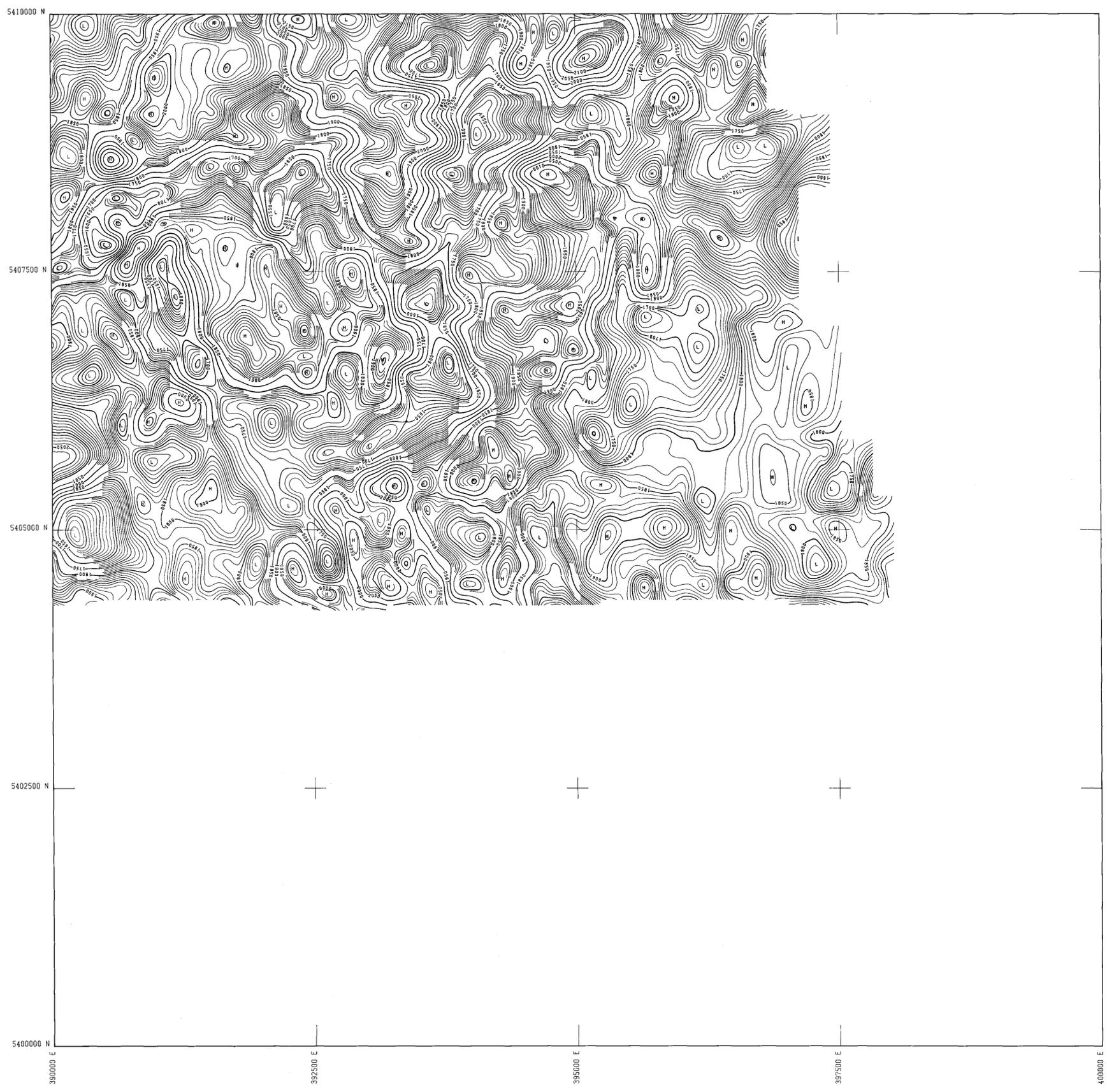
PROCESSING SPECIFICATIONS

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 RADIONETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/3842  
 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 TOTAL COUNT CONTOURS SHEET 20/3842	
PROJ NO. MZ01/1005	DATE: 22-DEC-80

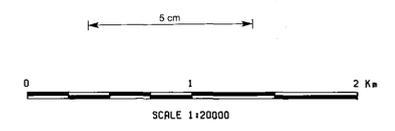


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM 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 AC9 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 20/3940  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

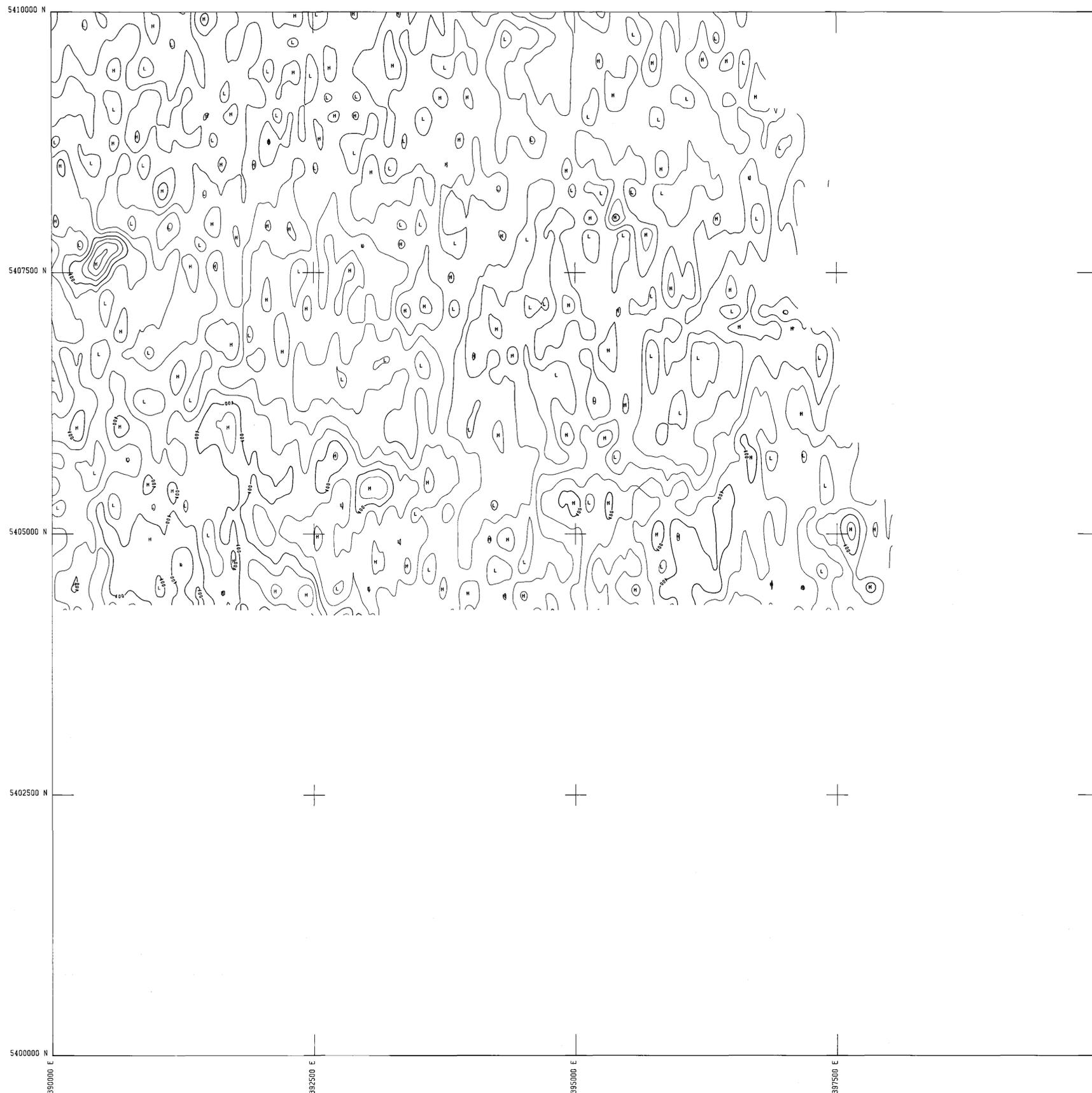


FLOWN BY GEOMETRICS INT CORP  
 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

MOINA - HOusetop TASMANIA  
 RESIDUAL MAGNETIC CONTOURS  
 SHEET 20/3940

PROJ NO. mzo/1018 DATE: 03-NOV-80

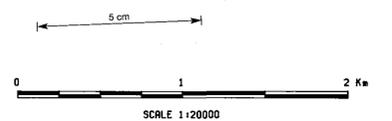


## AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANUM DCRS, 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 AC9 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 : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/3940  
 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  
 TOTAL COUNT CONTOURS  
 SHEET 20/3940

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

**(D) SURVEY SPECIFICATIONS**

AIRCRAFT ..... BELL 206 B

MAGNETOMETER ..... VARIAN 4937A PROTON PRECESSION  
USING TOWED BIRD CONFIGURATION WITH 37m CABLE

JOURNAL RECORDER ..... GEOMETRICS 8826 PROTON PRECESSION MAGNETOMETER  
WITH RUSTRAK RECORDER AND CRYSTAL CLICK

ALTIMETER ..... BROWZER TRN70

ANCILLARY EQUIPMENT ..... GESEX INTERVALOMETER  
GESEX DIGITAL ACQUISITION SYSTEM  
CENTURY 444.7 CHANNEL ANALOGUE LIGHT BEAM RECORDER  
VINTEN 18mm GROUND TRACKING CAMERA

READING INTERVAL ..... 1.0 SECONDS

NOMINAL AIRCRAFT SPEED ..... 60 KNOTS

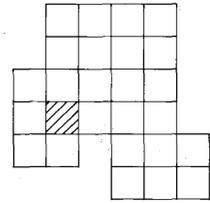
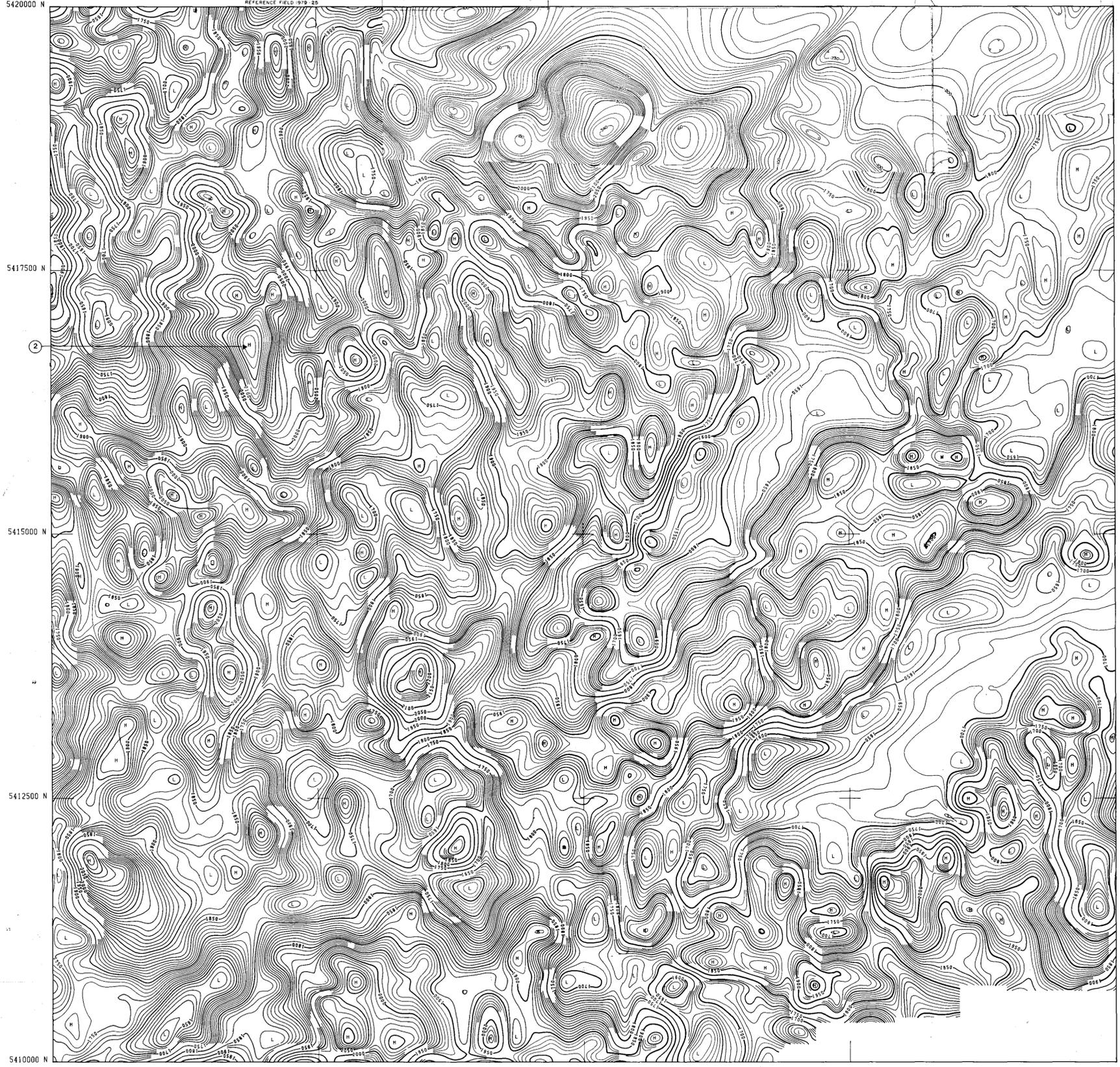
NOMINAL AIRCRAFT SURVEY ALTITUDE ..... 90 METRES

SENSOR CLEARANCE ..... 75 METRES

CONTOUR INTERVAL ..... 10m

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 62255 GAMMAS  
AT THE DIURNAL BASE STATION SITUATED AT WYNHARD 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 1979-25



**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT

SPECTROMETER : EXPLORANUM DCRS, 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 RC9 PHOTOGRAPHY AT 1:20000  
AND 1:30000

**PROCESSING SPECIFICATIONS**

IGRF : REMOVED, DATUM 2000 NT ADDED

RADIOMETRIC CORRECTIONS : COMPTON  
BACKGROUND  
ALTITUDE

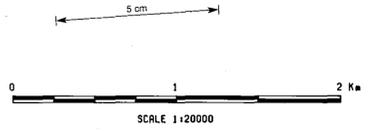
GRID MESH : 50m by 50m

CONTOUR INTERVAL : 10 nT

HORIZONTAL SCALE 1 : 20000

SHEET 20/3941

GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

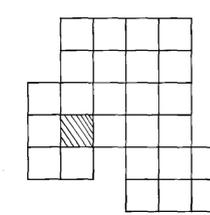
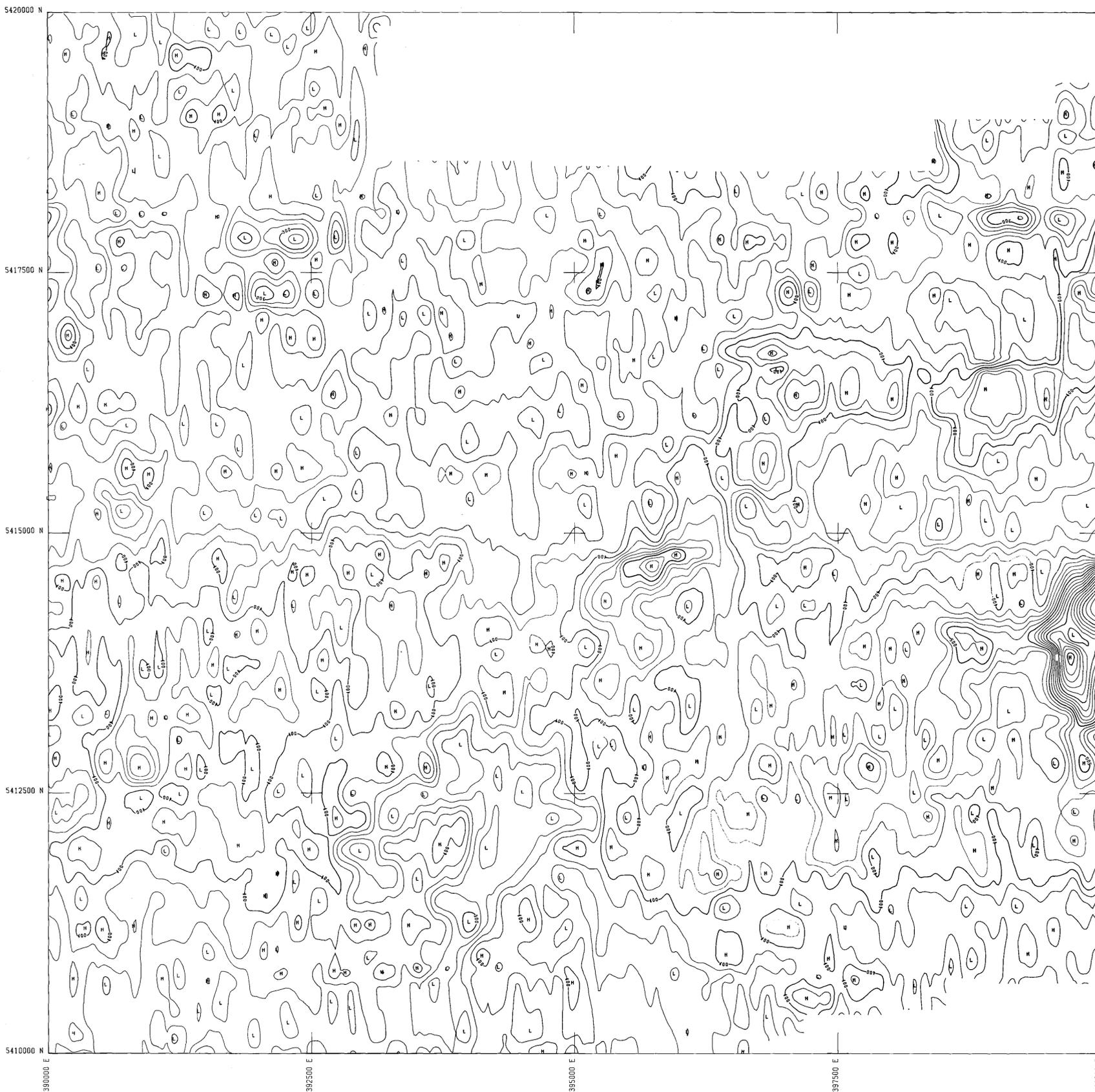


FLOWN BY GEOMETRICS INT CORP  
JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

**SHELL MINERALS (AUST)**

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

PROJ. NO. MZ 01 / 1016      DATE:      03-NOV-80

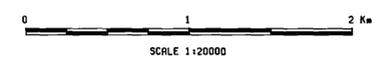


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANUM DCRS, 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 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 : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/3941  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



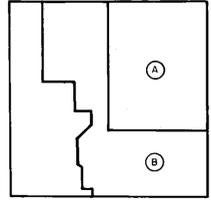
FLOWN BY GEOMETRICS INT CORP  
 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

MOINA - HOUSETOP TASMANIA  
 TOTAL COUNT CONTOURS  
 SHEET 20/3941

(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**

PLANE: BELL 208B HELICOPTER

MAGNETOMETER: VARIAN 4937A PROTON PRECESSION  
USING TOWED BIRD CONFIGURATION WITH 30m CABLE

DURNAL RECORDER: GEOMETRICS 6806 PROTON PRECESSION MAGNETOMETER  
WITH CHESSLE RECORDER AND CRYSTAL CLOCK

ALTIMETER: BRONZER MA 10

ANCILLIARY EQUIPMENT: GEDEX INTERVALMETER  
GEDEX FILM DIGITAL RECORDER  
CENTURY 444 6 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

**(B) SURVEY SPECIFICATIONS**

PLANE: BELL 208 B

MAGNETOMETER: VARIAN 4937A PROTON PRECESSION  
USING TOWED BIRD CONFIGURATION WITH 30m CABLE

DURNAL RECORDER: GEOMETRICS 6826 PROTON PRECESSION MAGNETOMETER  
WITH RUBTRAK RECORDER AND CRYSTAL CLOCK

ALTIMETER: BRONZER TRANTO

ANCILLIARY EQUIPMENT: GEDEX INTERVALMETER  
GEDEX DIGITAL ACQUISITION SYSTEM  
CENTURY 444 7 CHANNEL ANALOGUE LIGHT BEAM RECORDER  
VINTEN 16mm GROUND TRACKING CAMERA

READING INTERVAL: 0 SECONDS

NOMINAL AIRCRAFT SPEED: 60 KNOTS

NOMINAL AIRCRAFT SURVEY ALTITUDE: 70 METRES

SENSOR CLEARANCE: 75 METRES

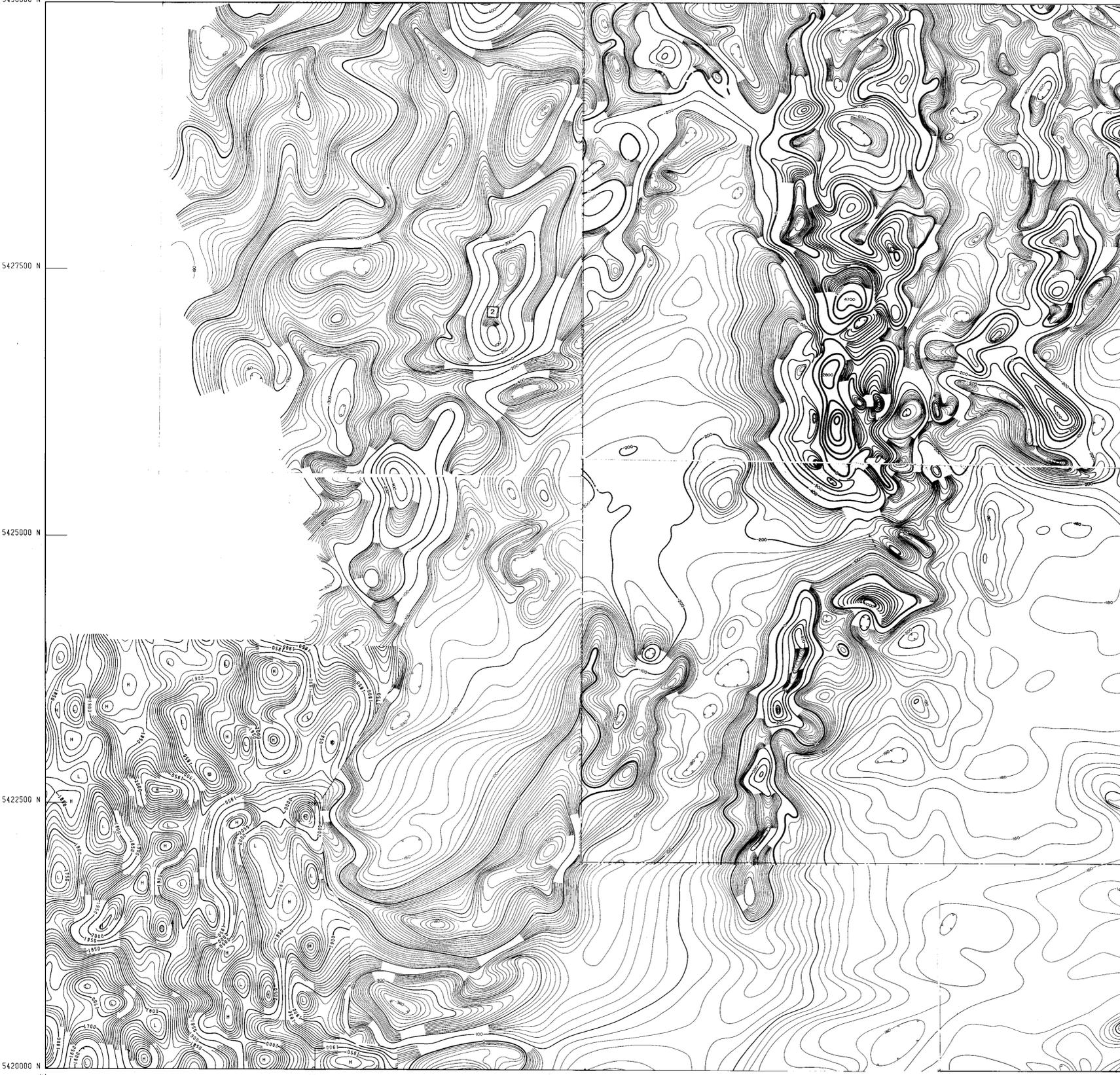
CONTOUR INTERVAL: 10 nT

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 62255 GAMMAS  
AT THE DIURNAL BASE STATION SITUATED AT WYNHARD AERODROME, 40°59'5" S BY 145°43'34" E. THE SENSOR  
HEIGHT WAS 3m

THE DATUM FOR THE TOTAL MAGNETIC INTENSITY CONTOURS IS THE INTERNATIONAL GRID  
REFERENCE FIELD 1978 IS

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 62255 GAMMAS  
AT THE DIURNAL BASE STATION SITUATED AT WYNHARD AERODROME, 40°59'5" S BY 145°43'34" E. THE SENSOR  
HEIGHT WAS 3m

THE DATUM FOR THE TOTAL MAGNETIC INTENSITY CONTOURS IS THE INTERNATIONAL GRID  
REFERENCE FIELD 1978 IS



**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT

SPECTROMETER : EXPLORANIUM DCAS, VOLUME 1024 cu in

DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON ACM-6

DATA RECORDING INTERVAL : 1.0 SEC., APPROX 30M 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 AC9 PHOTOGRAPHY AT 1:20000  
AND 1:30000

**PROCESSING SPECIFICATIONS**

IGRF : REMOVED, DATUM 2000 NT ADDED

RADIOMETRIC CORRECTIONS : COMPTON  
BACKGROUND  
ALTITUDE

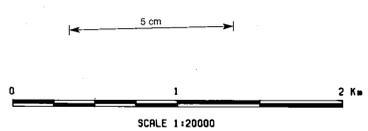
GRID MESH : 50m by 50m

CONTOUR INTERVAL : 10 nT

HORIZONTAL SCALE 1 : 20000

SHEET 20/3942

GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

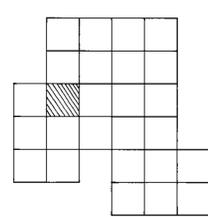
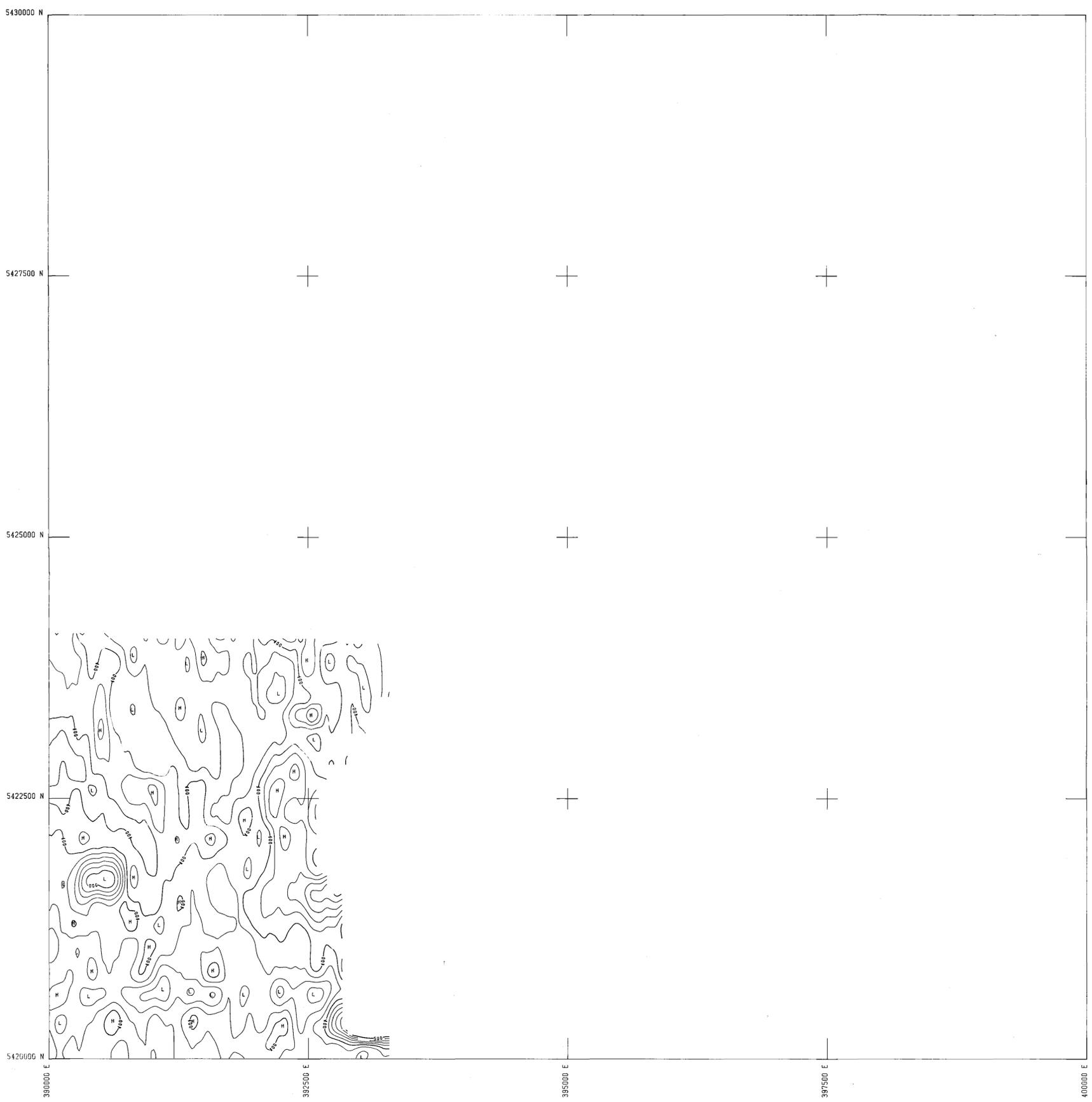


FLOWN BY GEOMETRICS INT CORP  
JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

MOINA - HOusetop TASMANIA  
RESIDUAL MAGNETIC CONTOURS  
SHEET 20/3942

PROJ. NO. MZ 01/1014 DATE: 03-NOV-80

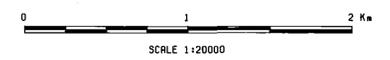
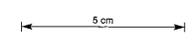


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 MIC  
 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 A69 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

PROCESSING SPECIFICATIONS

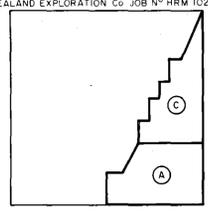
IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/3942  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

SHELL MINERALS (AUST)	
MOINA - HOusetop TASMANIA TOTAL COUNT CONTOURS SHEET 20/3942	
PROJ NO. MZ 01/1015	DATE: 29-DEC-80

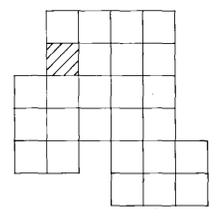
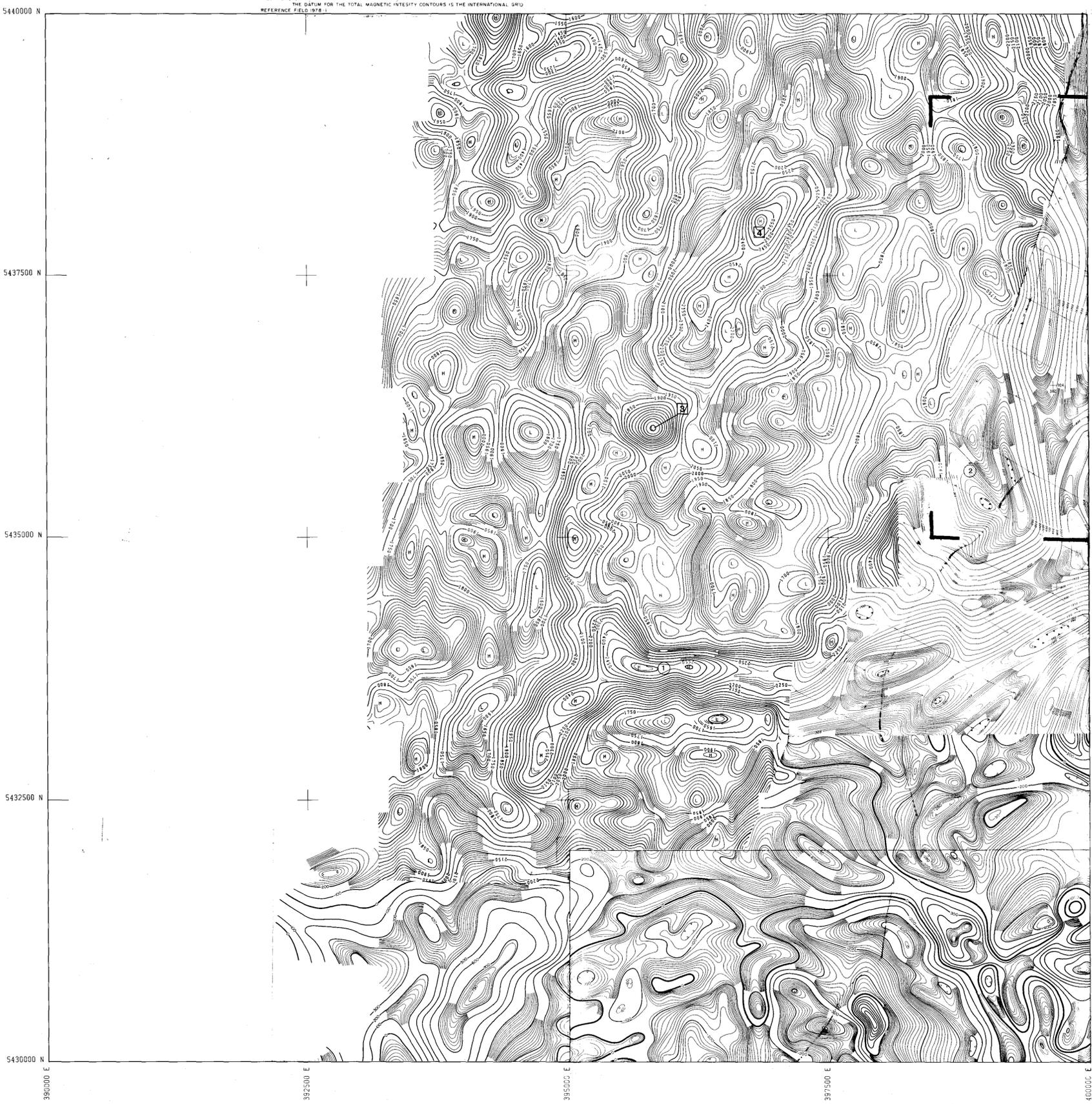
(A) SURVEY BY GEDEX PTY LTD FOR MCINTYRE MINES (AUST) PTY LTD  
 JAN 1978  
 (C) SURVEY BY SEIGEL ASSOCIATES AUST PTY LTD FOR AUSTRALIA AND  
 NEW ZEALAND EXPLORATION Co. JOB N° HRM 102 M 1973



(A) SURVEY SPECIFICATIONS

AIRCRAFT ..... BELL 206B HELICOPTER  
 MAGNETOMETER ..... VARIAN 4937A PROTON PRECESSION  
 USING TOWED BIRD CONFIGURATION WITH 30m CABLE  
 DIURNAL RECORDER ..... GEOMETRICS 8006 PROTON PRECESSION MAGNETOMETER  
 WITH CHESSSEL RECORDER AND CRYSTAL CLOCK  
 ALTIMETER ..... BRONZER Mk 10  
 AUXILIARY EQUIPMENT ..... GEDEX INTERVALOMETER  
 GEDEX FILM DIGITAL RECORDER  
 CENTURY 444 B 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 ..... 10m

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 42255 GAMMAS  
 AT THE DIURNAL BASE STATION SITUATED AT WYNHARD AERODROME, 40°59' 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.

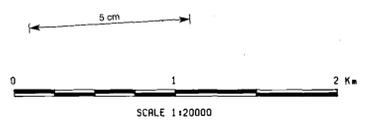


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANUM DEAS, 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 AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIONOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 10 nT  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/3943  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

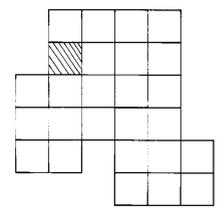
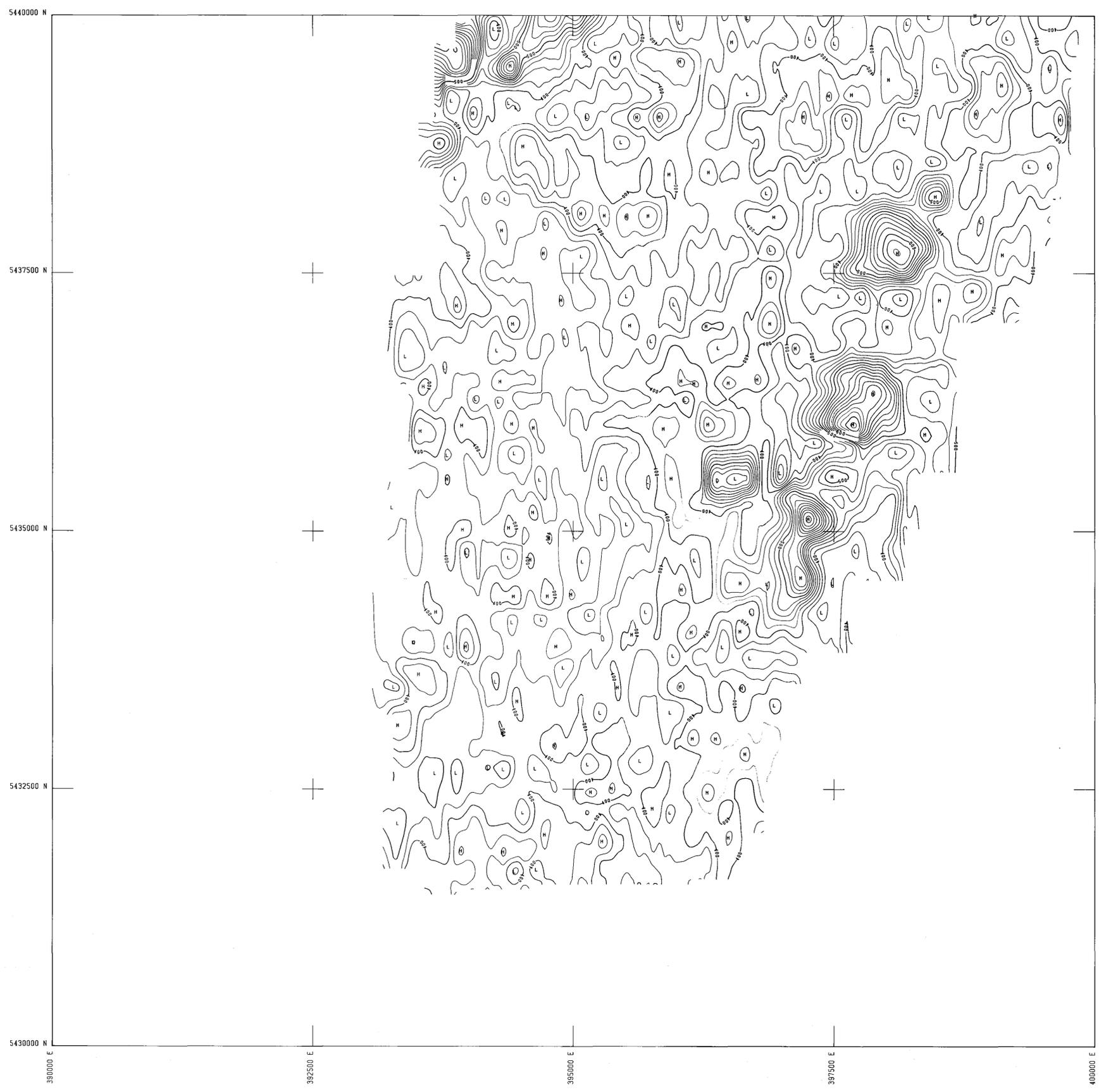


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 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

MOINA - HOusetop TASMANIA  
 RESIDUAL MAGNETIC CONTOURS  
 SHEET 20/3943

PROJ. NO. MZ01/1012 DATE: 03-NOV-80  
 FINAL

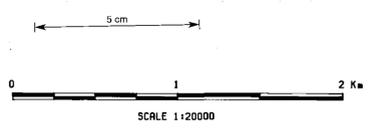


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

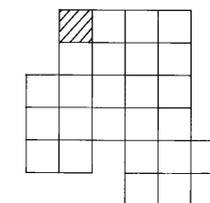
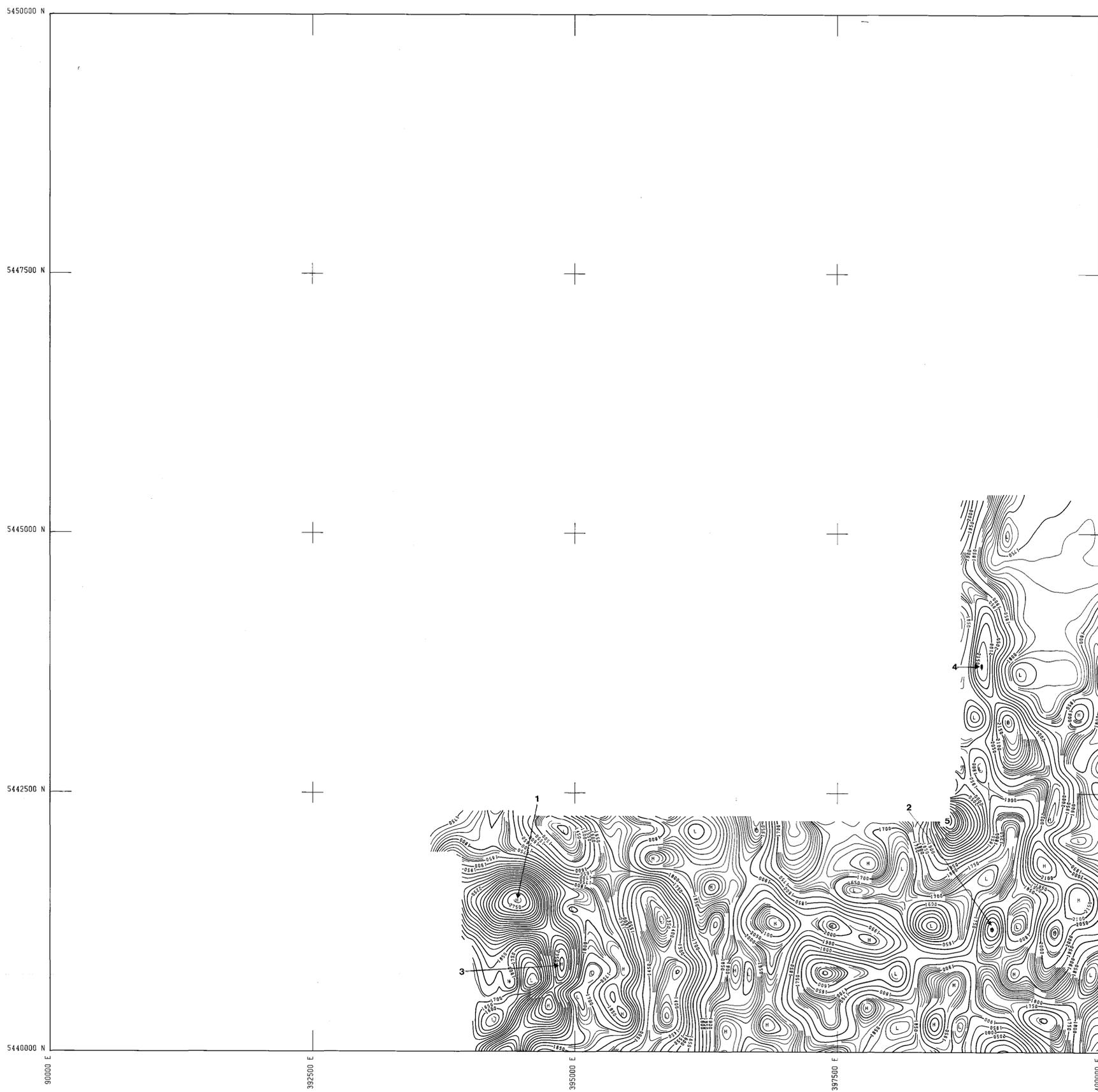
PROCESSING SPECIFICATIONS

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 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/3943  
 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 TOTAL COUNT CONTOURS SHEET 20/3943	
PROJ N° M201/1013	DATE: 29-DEC-80

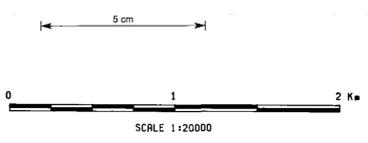


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCAS, VOLUME 1024 ou 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 ACS 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 20/3944  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

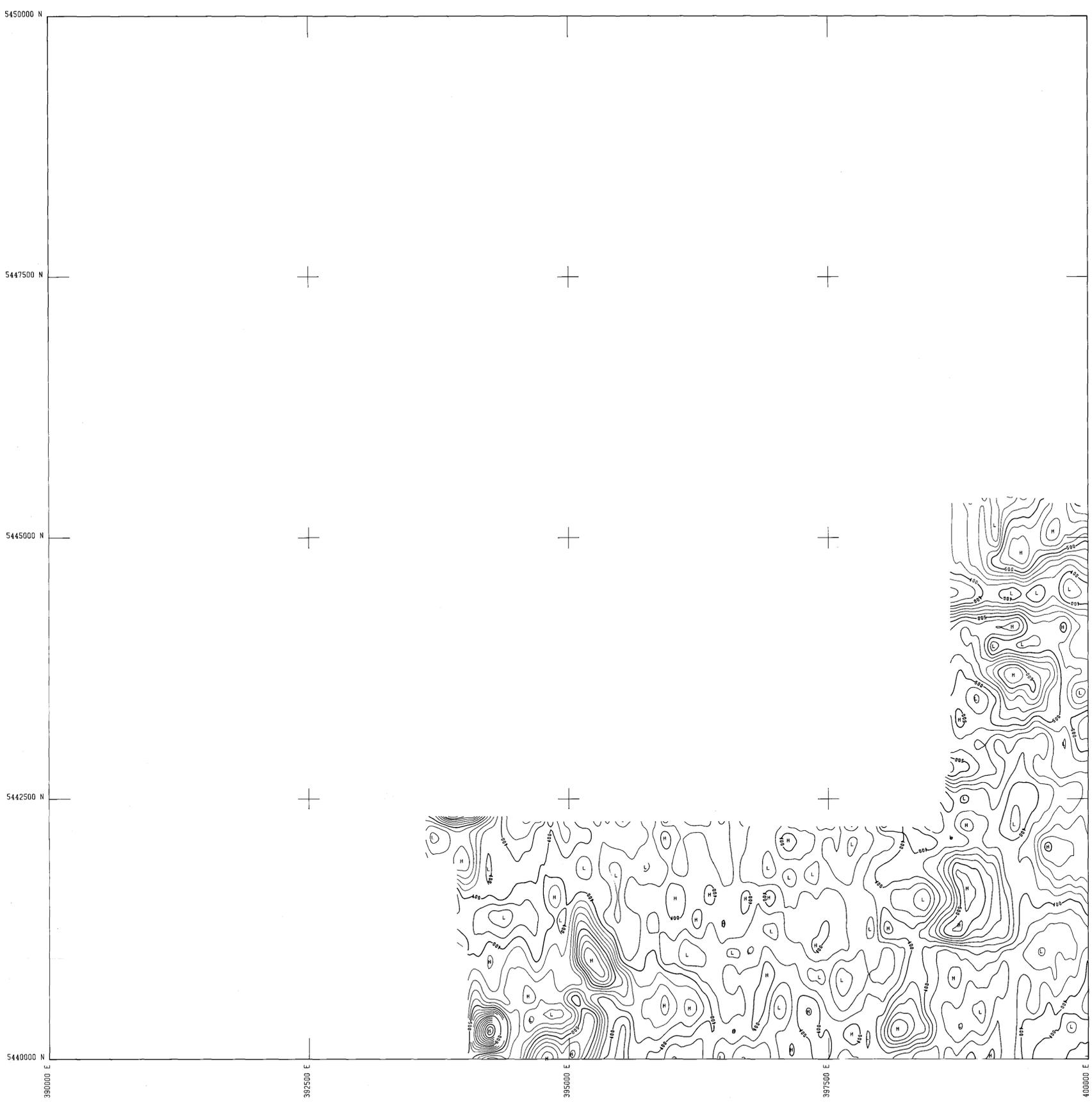


FLOWN BY GEOMETRICS INT CORP  
 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

MOINA - HOUSETOP TASMANIA  
 RESIDUAL MAGNETIC CONTOURS  
 SHEET 20/3944

PROJ NO. MZ01/1010 DATE: 03-NOV-80

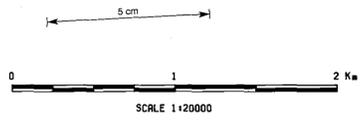


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 RC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

PROCESSING SPECIFICATIONS

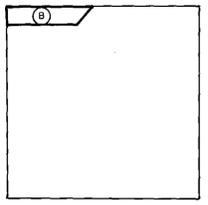
IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE : 1 : 20000  
 SHEET 20/3944  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

SHELL MINERALS (AUST)	
MOINA - HOusetop TASMANIA TOTAL COUNT CONTOURS SHEET 20/3944	
PROJ NO. MZ01/1011	DATE: 29-DEC-80

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



**(B) SURVEY SPECIFICATIONS**

AIRCRAFT ..... BELL 206 B

MAGNETOMETER ..... VARIAN 4937 A PROTON PRECESSION  
USING TOWED BIRD CONFIGURATION WITH 37m CABLE

DIURNAL RECORDER ..... GEOMETRICS 9826 PROTON PRECESSION MAGNETOMETER  
WITH RUSTRACK RECORDER AND CRYSTAL CLOCK

ALTIMETER ..... BRUNNEN 780-70

ANGILIARY 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

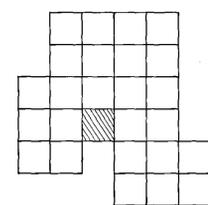
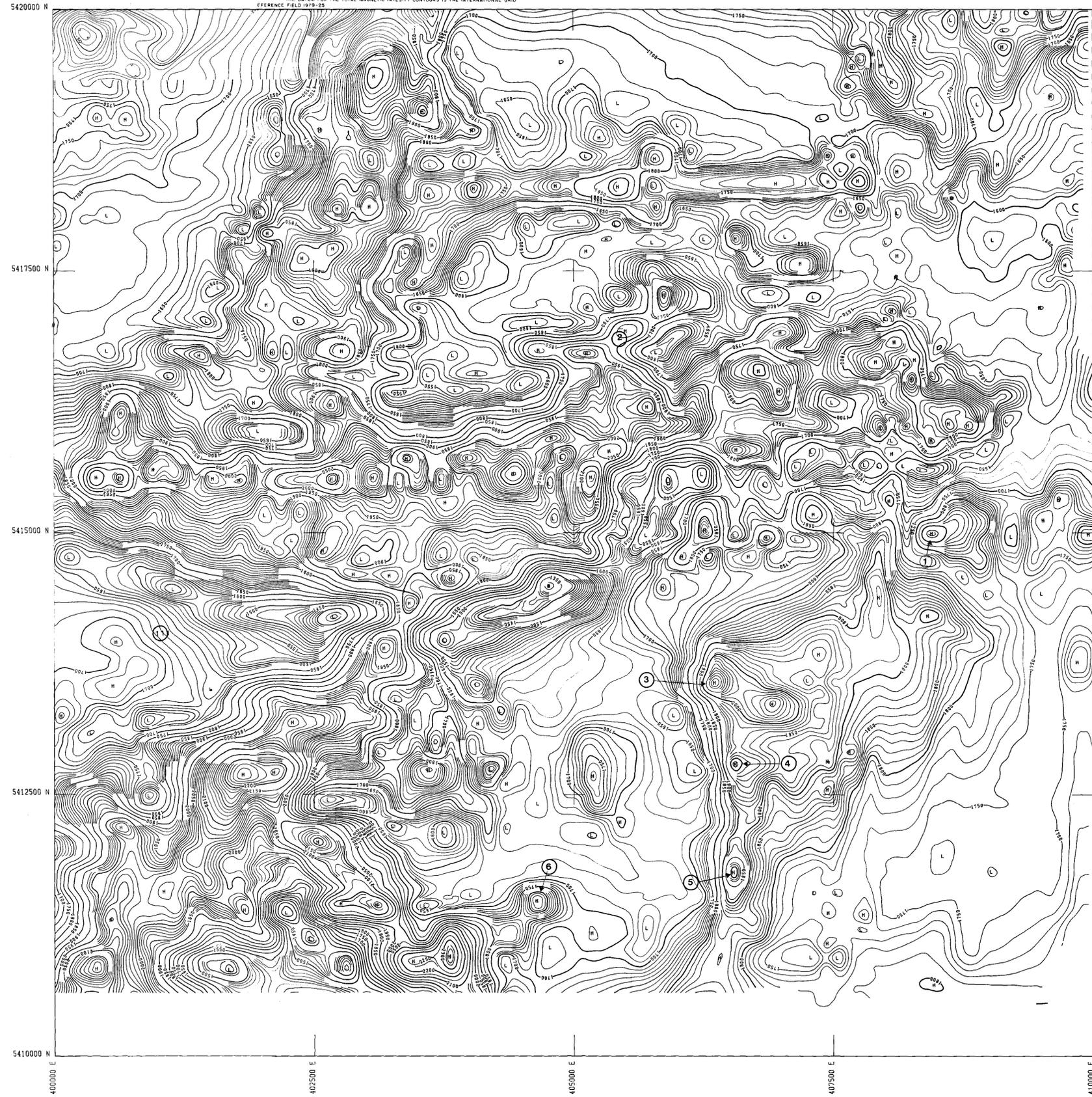
NOMINAL AIRCRAFT SURVEY ALTITUDE ..... 90 METRES

..... SENSOR CLEARANCE 75 METRES

CONTOUR INTERVAL ..... 10m

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 42255 GAMMAS  
T THE DIURNAL BASE STATION SITUATED AT WYNHARD AERODROME, 40°59'51" S & 145°45'34" E THE SENSOR  
HEIGHT WAS 2m

THE DATUM FOR THE TOTAL MAGNETIC INTENSITY CONTOURS IS THE INTERNATIONAL GRID  
REFERENCE FIELD 1975-25



**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT

SPECTROMETER : EXPLORANUM DCRS, 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

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

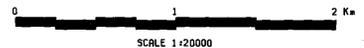
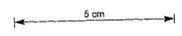
GRID MESH : 50m by 50m

CONTOUR INTERVAL : 10 nT

HORIZONTAL SCALE 1 : 20000

SHEET 20/4041

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)

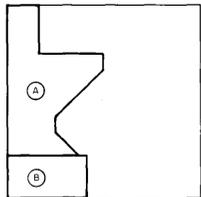
MOINA - HOUSETOP TASMANIA  
RESIDUAL MAGNETIC CONTOURS  
SHEET 20/4041

PROJ NO. MZ 01/1026      DATE: 18-DEC-80



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

(B) SURVEY BY GEOEX 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 6826 PROTON PRECISION MAGNETOMETER  
 WITH CHESSER RECORDER AND CRYSTAL CLOCK  
 ALTIMETER ..... BRONZER Mk 10  
 ANCILLARY EQUIPMENT ..... GEOEX INTERVALMETER  
 GEOEX FILM DIGITAL RECORDER  
 CENTURY 444 G 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 m

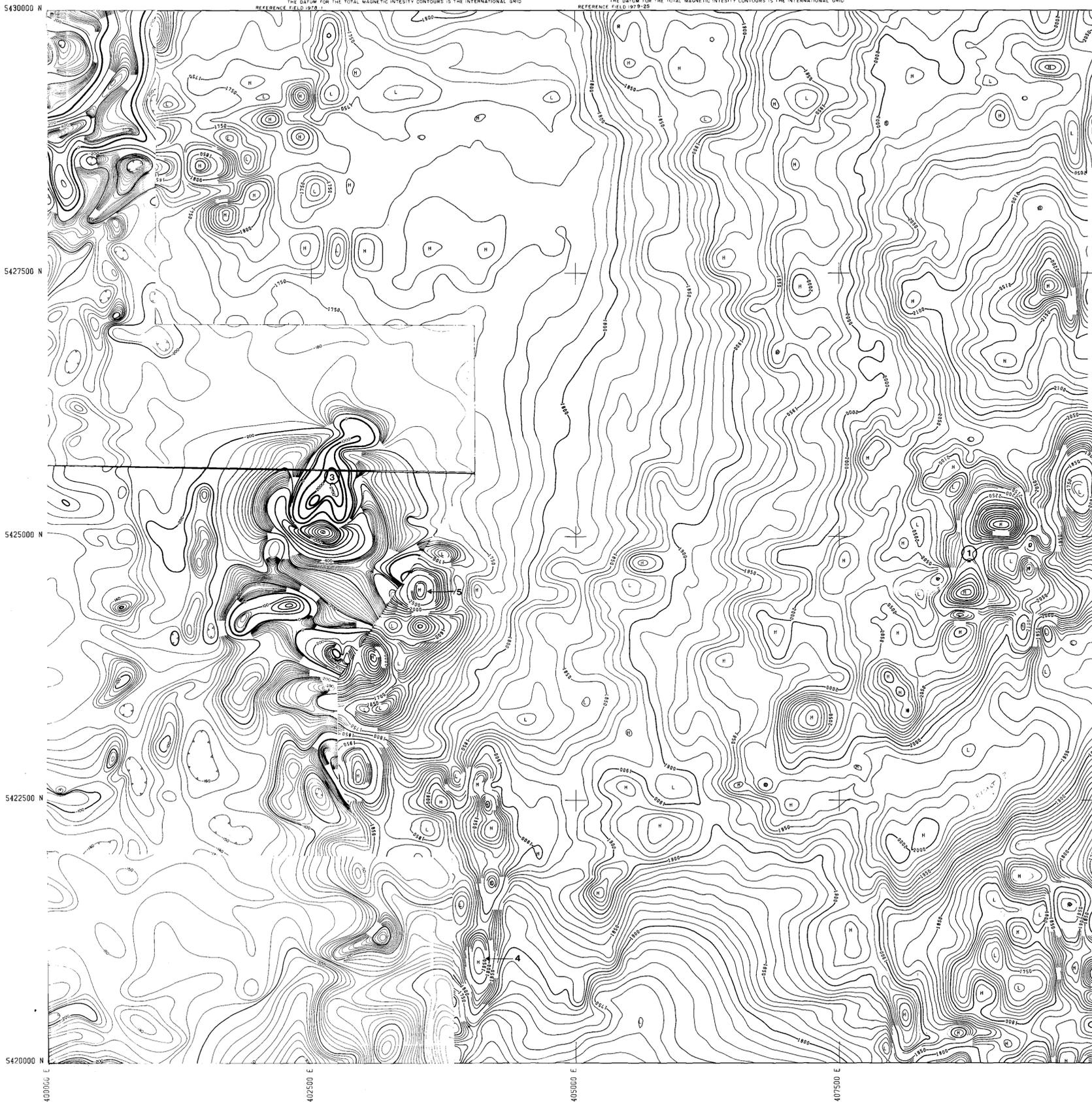
THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 82755 GAMMAS  
AT THE DIURNAL BASE STATION SITUATED AT WYNHARD AERODROME, 40°59'51" S & 145°43'34" E THE SENSOR  
HEIGHT WAS 2m  
THE DATUM FOR THE TOTAL MAGNETIC INTENSITY CONTOURS IS THE INTERNATIONAL GRID  
REFERENCE FIELD 1979-25

**(B) SURVEY SPECIFICATIONS**

AIRCRAFT ..... BELL 206 B  
 MAGNETOMETER ..... VARIAN 4937A PROTON PRECISION  
 USING TOWED BIRD CONFIGURATION WITH 30m CABLE  
 DIURNAL RECORDER ..... GEOMETRICS 6826 PROTON PRECISION MAGNETOMETER  
 WITH RUSTRAK RECORDER AND CRYSTAL CLOCK  
 ALTIMETER ..... BRONZER Mk 10  
 ANCILLARY EQUIPMENT ..... GEOEX INTERVALMETER  
 GEOEX DIGITAL ACQUISITION SYSTEM  
 CENTURY 4447 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 m

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 82755 GAMMAS  
AT THE DIURNAL BASE STATION SITUATED AT WYNHARD 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 1979-25



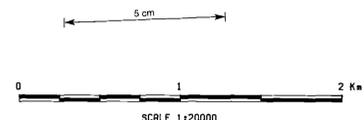
**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER : G-803 PROTON PRECISION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM 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-M, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED ACS PHOTOGRAPHY AT 1:20000  
 AND 1:30000

**PROCESSING SPECIFICATIONS**

IGF : REMOVED, DATUM 2000 NT ADDED  
 RADIMETRIC 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

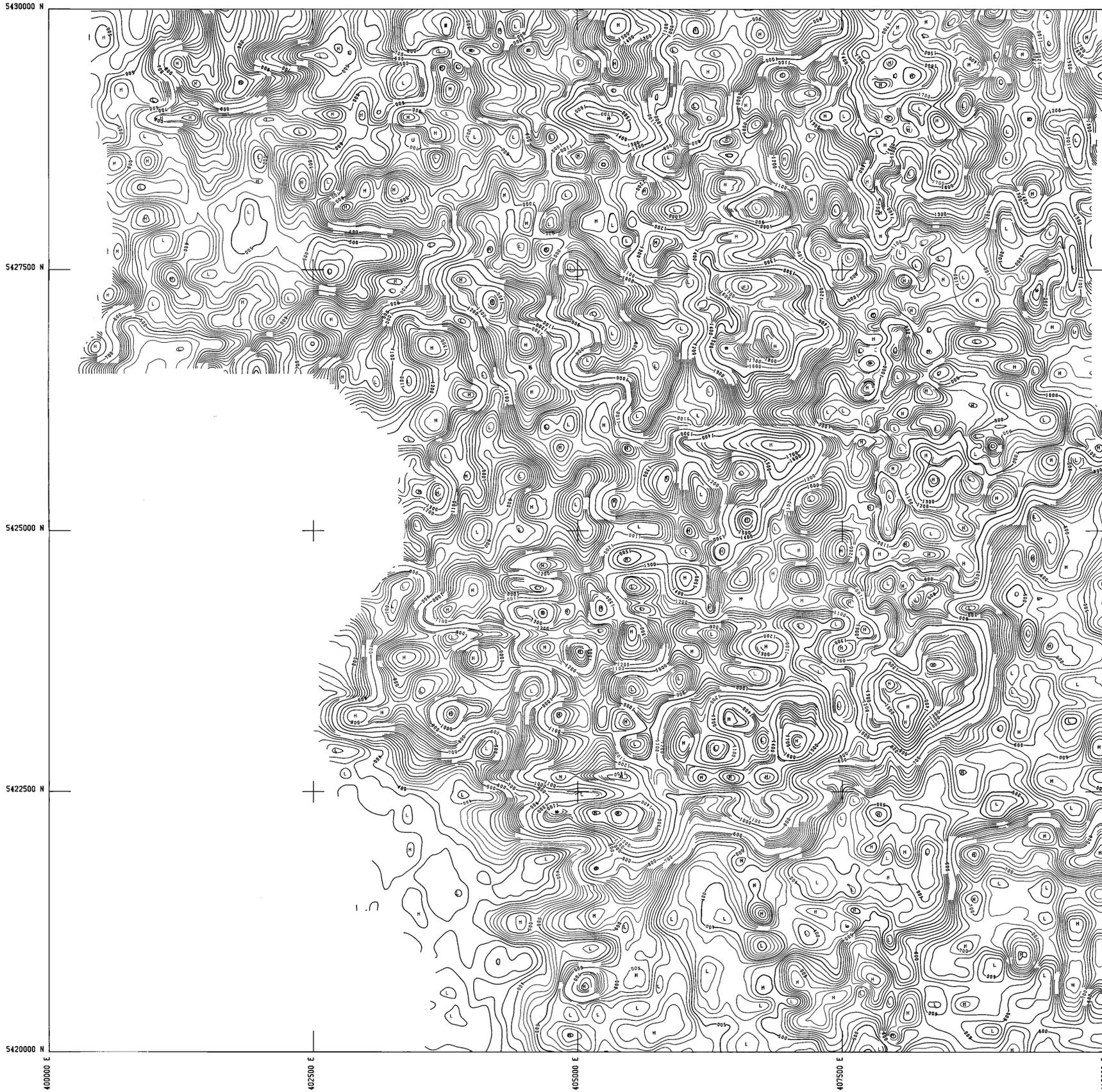


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JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

MOINA - HOUSETOP TASMANIA  
RESIDUAL MAGNETIC CONTOURS  
SHEET 20/4042

PROJ NO. mzo/024      DATE:      03-NOV-80

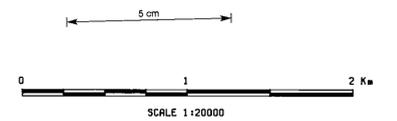


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 RC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4042  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

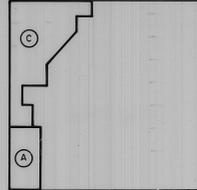


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 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

MOINA - HOusetop TASMANIA  
 TOTAL COUNT CONTOURS  
 SHEET 20/4042

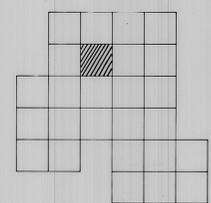
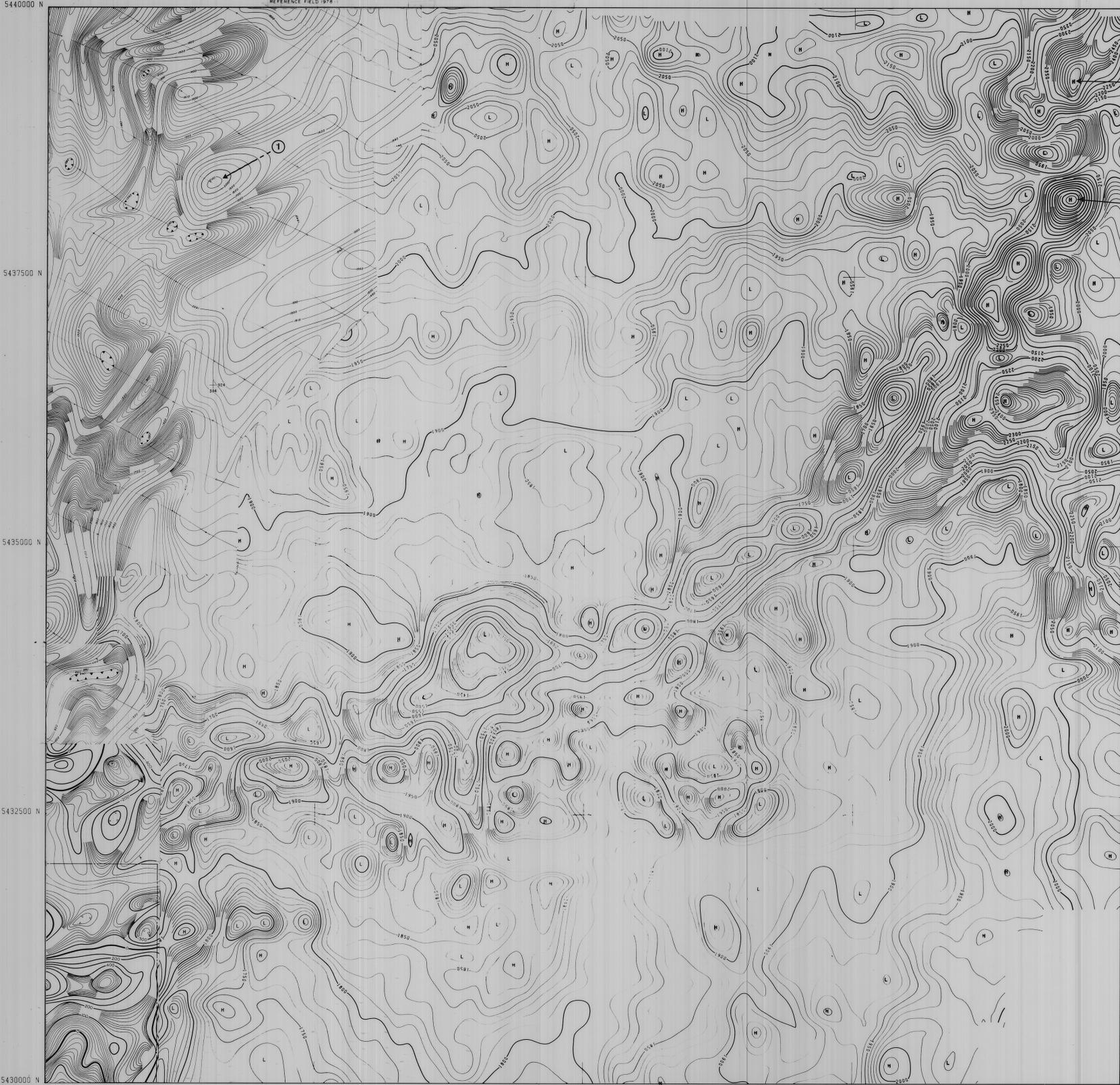
A SURVEY BY GEDEX PTY LTD FOR McINTYRE MINES (AUST) PTY LTD  
 JAN 1978  
 C SURVEY BY SEIGEL ASSOCIATES AUST PTY LTD FOR AUSTRALIA AND  
 NEW ZEALAND EXPLORATION Co JOB N° HRM 102 M 1973



**SURVEY SPECIFICATIONS**

PLANE: BELL 206B HELICOPTER  
 MAGNETOMETER: VARIAN 4937A PROTON PRESSION USING TOWED BIRD CONFIGURATION WITH 30M CABLE  
 DIURNAL RECORDER: GEOMETRICS 0808 PROTON PRESSION MAGNETOMETER WITH CHESSSEL RECORDER AND CRISTAL CLICK  
 ALTIMETER: BRONZER Mx 10  
 ANCILLIARY EQUIPMENT: GEDEX INTERVALMETER  
 CENTURY 444 6 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 m

THE DATA HAS BEEN ADJUSTED FOR DIURNAL VARIATION WITH AN ADOPTED VALUE OF 62255 GAMMAS AT THE DIURNAL BASE STATION SITUATED AT WHYBARD AERODROME, 40°59'51" S & 145°43'34" E. THE SENSOR HEIGHT WAS 1.5M.  
 THE DATUM FOR THE TOTAL MAGNETIC INTENSITY CONTOURS IS THE INTERNATIONAL GRID REFERENCE FIELD 1975.

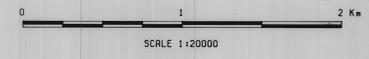
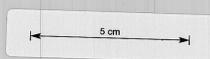


**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER: G-803 PROTON PRESSION RECORDING TO 1.0 nT  
 SPECTROMETER: EXPLORANIUM DCRS, 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 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: 20/4043  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

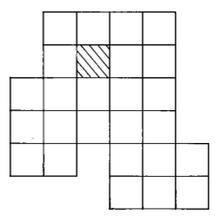
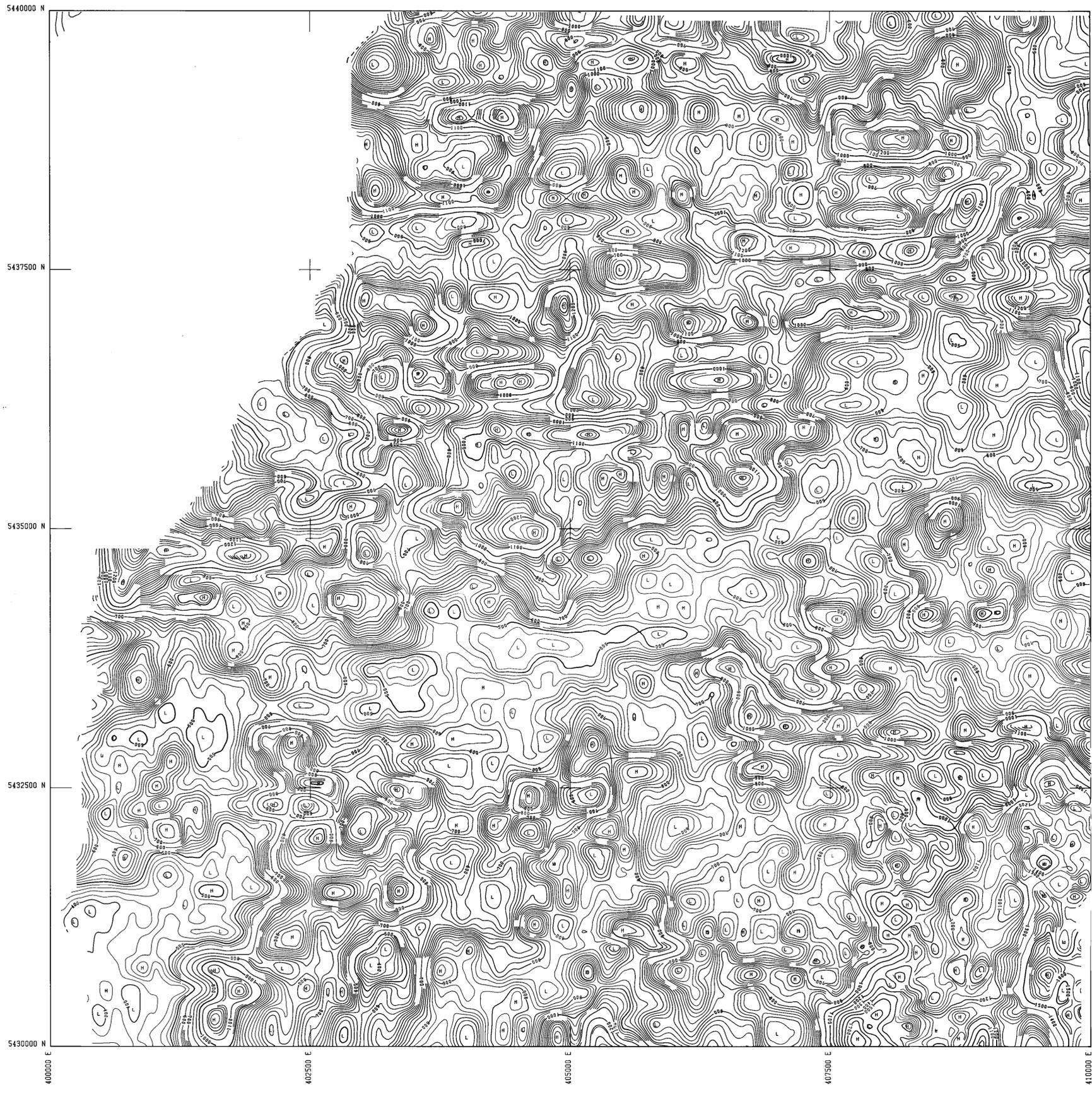


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 JOB NO: 9221, FLOWN: MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

**SHELL MINERALS (AUST)**

**MOINA - HOusetop TASMANIA  
 RESIDUAL MAGNETIC CONTOURS  
 SHEET 20/4043**

PROJ NO. MZ 01/1022 DATE: 03-NOV-80  
 FINAL

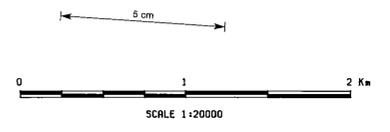


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM 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 ACS 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 : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4043  
 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

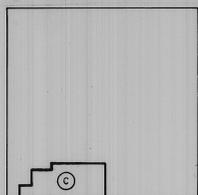
SHELL MINERALS (AUST)

MOINA - HOUSETOP TASMANIA  
 TOTAL COUNT CONTOURS  
 SHEET 20/4043

PROJ NO. MZ01/1023      DATE:      24-JAN-81

© SURVEY BY SEIGEL ASSOCIATES AUSTRALIA AND NEW ZEALAND EXPLORATION Co JOB N° HRM 102 M 1973

20/4044

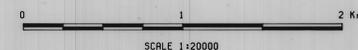
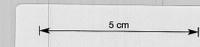


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
SPECTROMETER : EXPLORANIUM 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 AC9 PHOTOGRAPHY AT 1:20000 AND 1:30000

PROCESSING SPECIFICATIONS

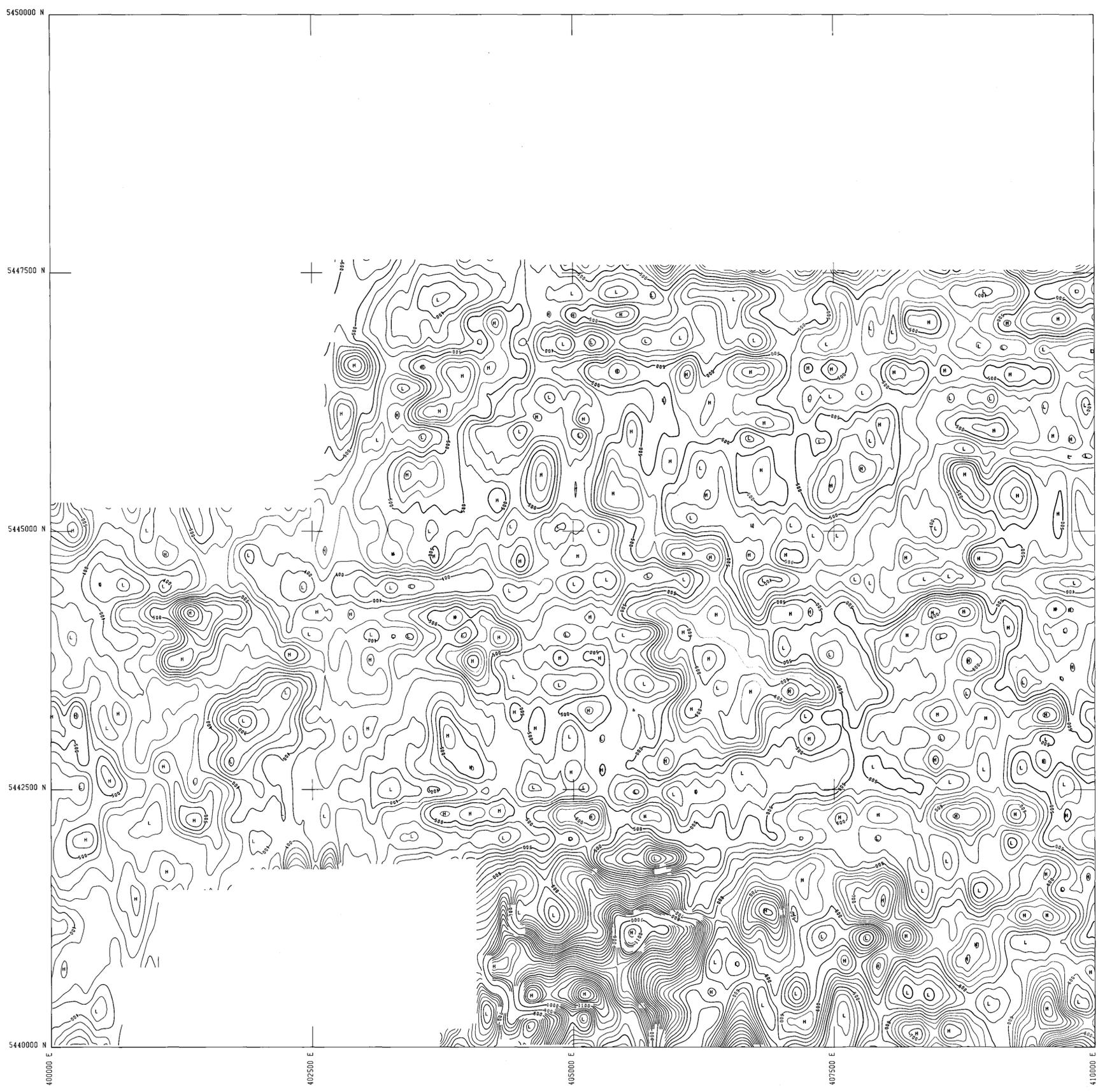
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RADIOMETRIC CORRECTIONS : COMPTON BACKGROUND ALTITUDE  
GRID MESH : 50m by 50m  
CONTOUR INTERVAL : 10 nT  
HORIZONTAL SCALE 1 : 20000  
SHEET 20/4044  
GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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 20/4044

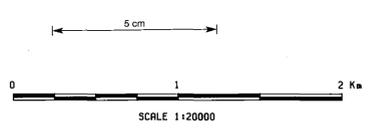


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM 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 BRID  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED AC9 PHOTOGRAPHY AT 1:2000C  
 AND 1:3000D

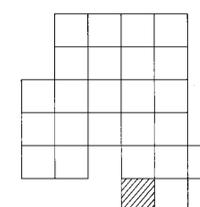
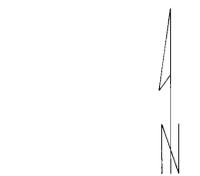
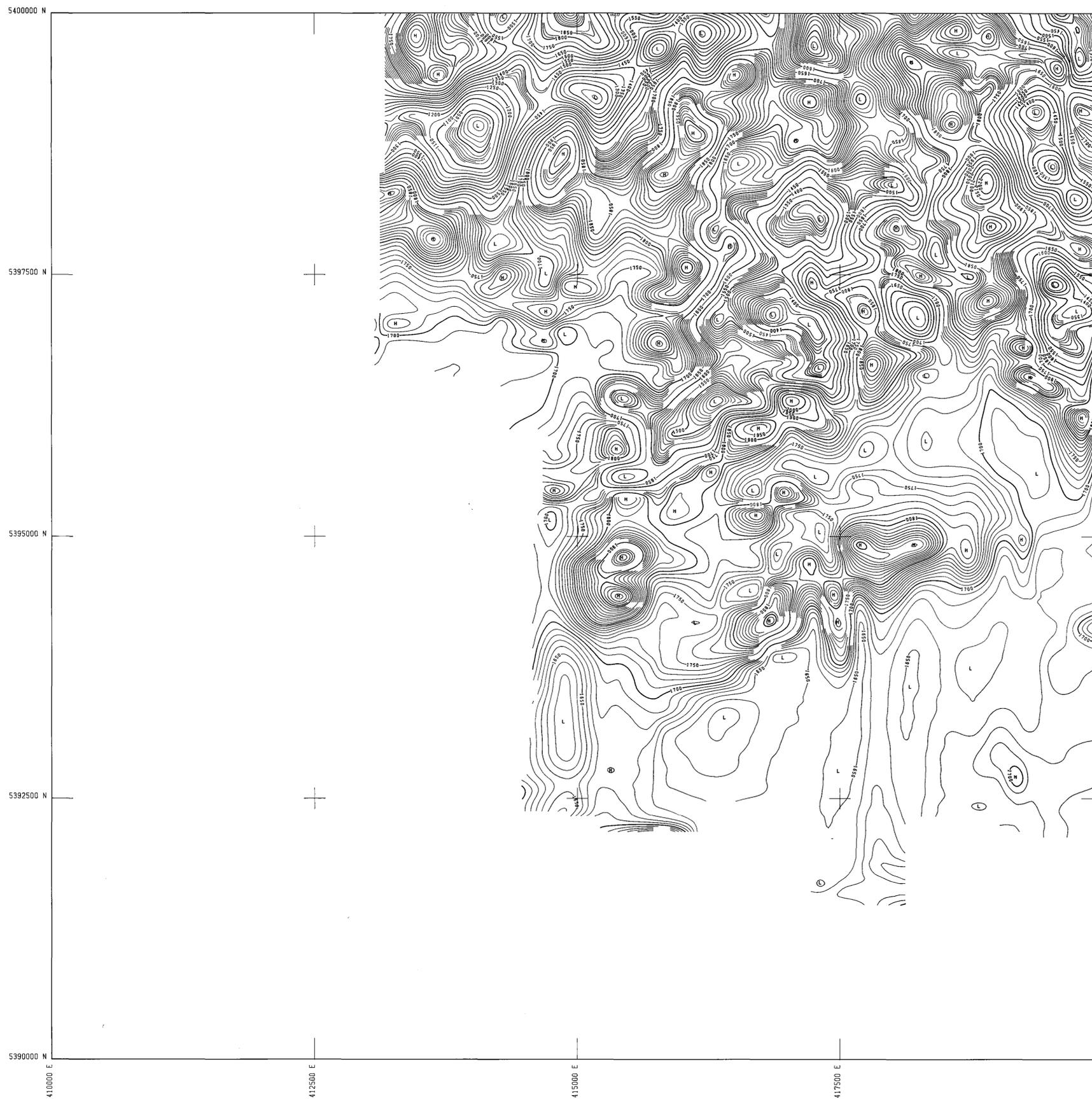
PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4044  
 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	
TOTAL COUNT CONTOURS	
SHEET 20/4044	
PROJ NO. M201/1021	DATE: 29-DEC-80

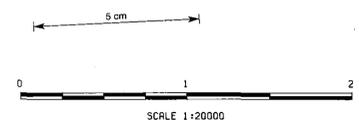


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORAMIUM DCRS, 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 AER PHOTOGRAPHY AT 1:20000  
 AND 1:30000

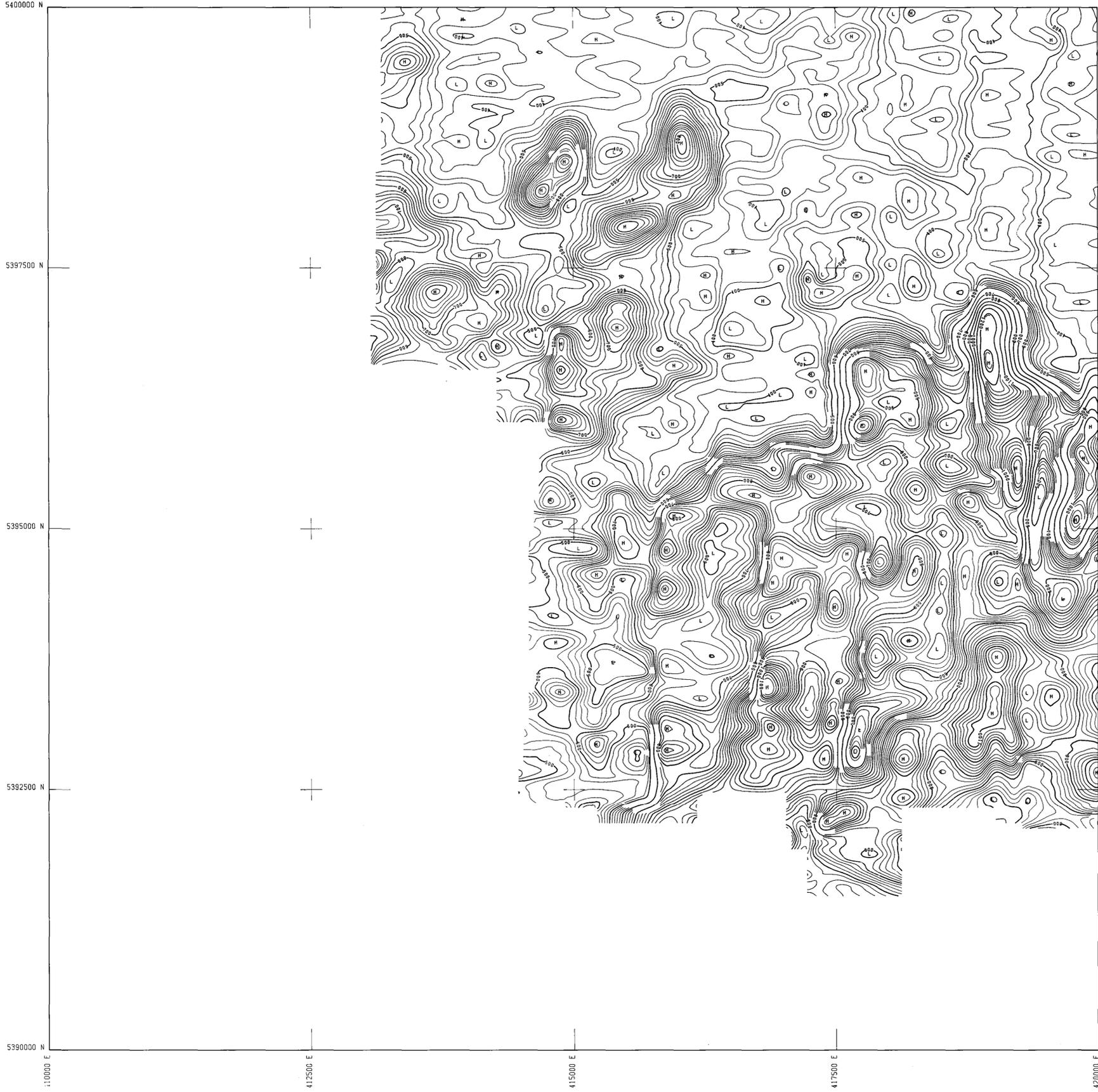
PROCESSING SPECIFICATIONS

ICRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 10 nT  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 4139  
 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 20/4139	
PROJ. NO. MZ 01/1038	DATE: 20-OCT-80

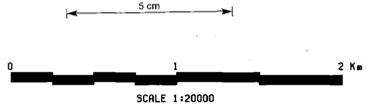


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLOANUM 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 RC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

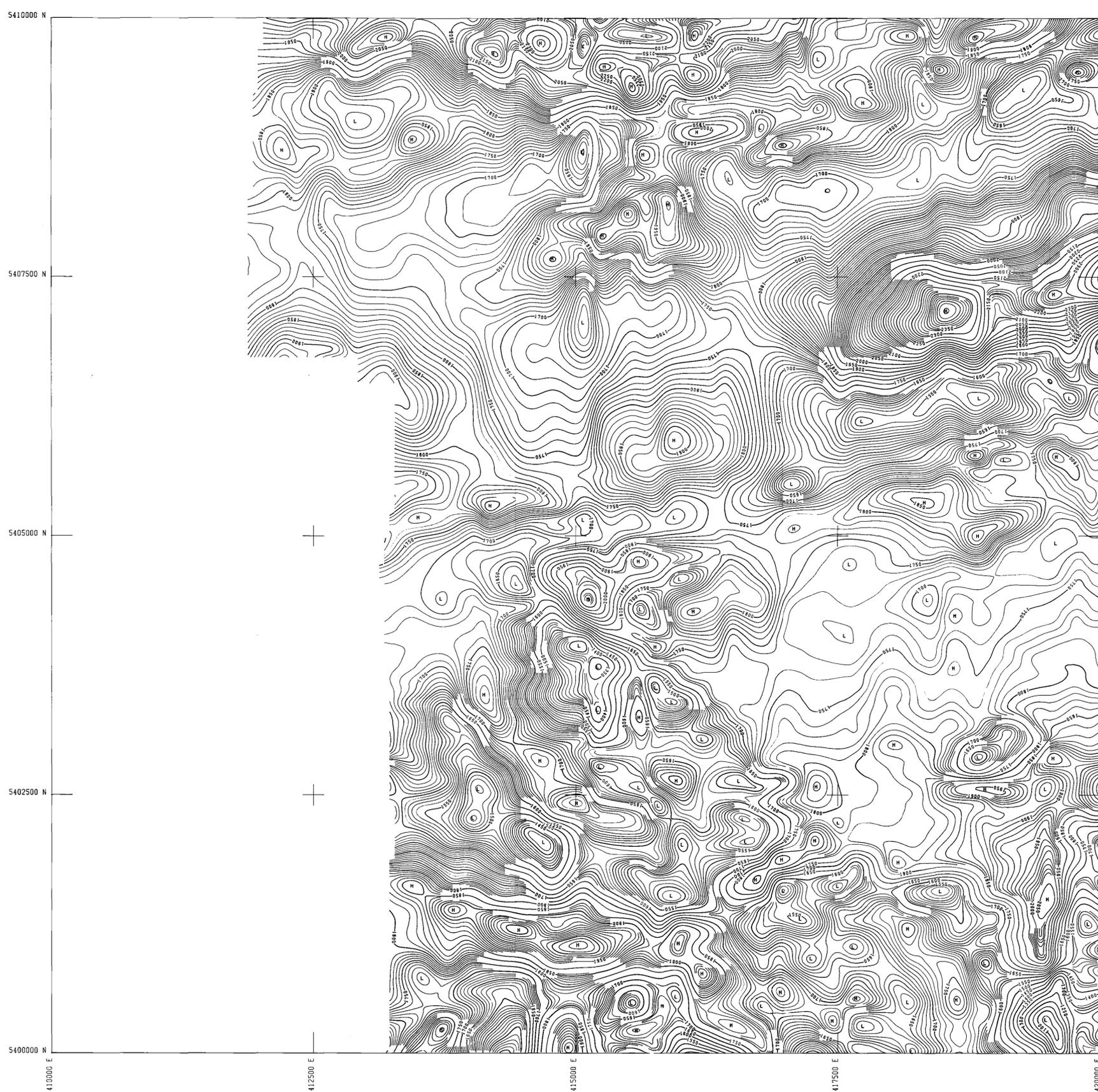
PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4139  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

SHELL MINERALS (AUST)	
MOINA - HOusetop TASMANIA	
TOTAL COUNT CONTOURS	
SHEET 20/4139	
PROJ NO. MZ 01/1039	DATE: 24-JAN-81

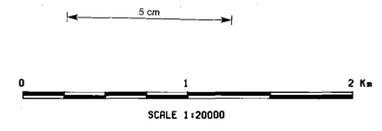


**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 ACS PHOTOGRAPHY AT 1:20000  
 AND 1:30000

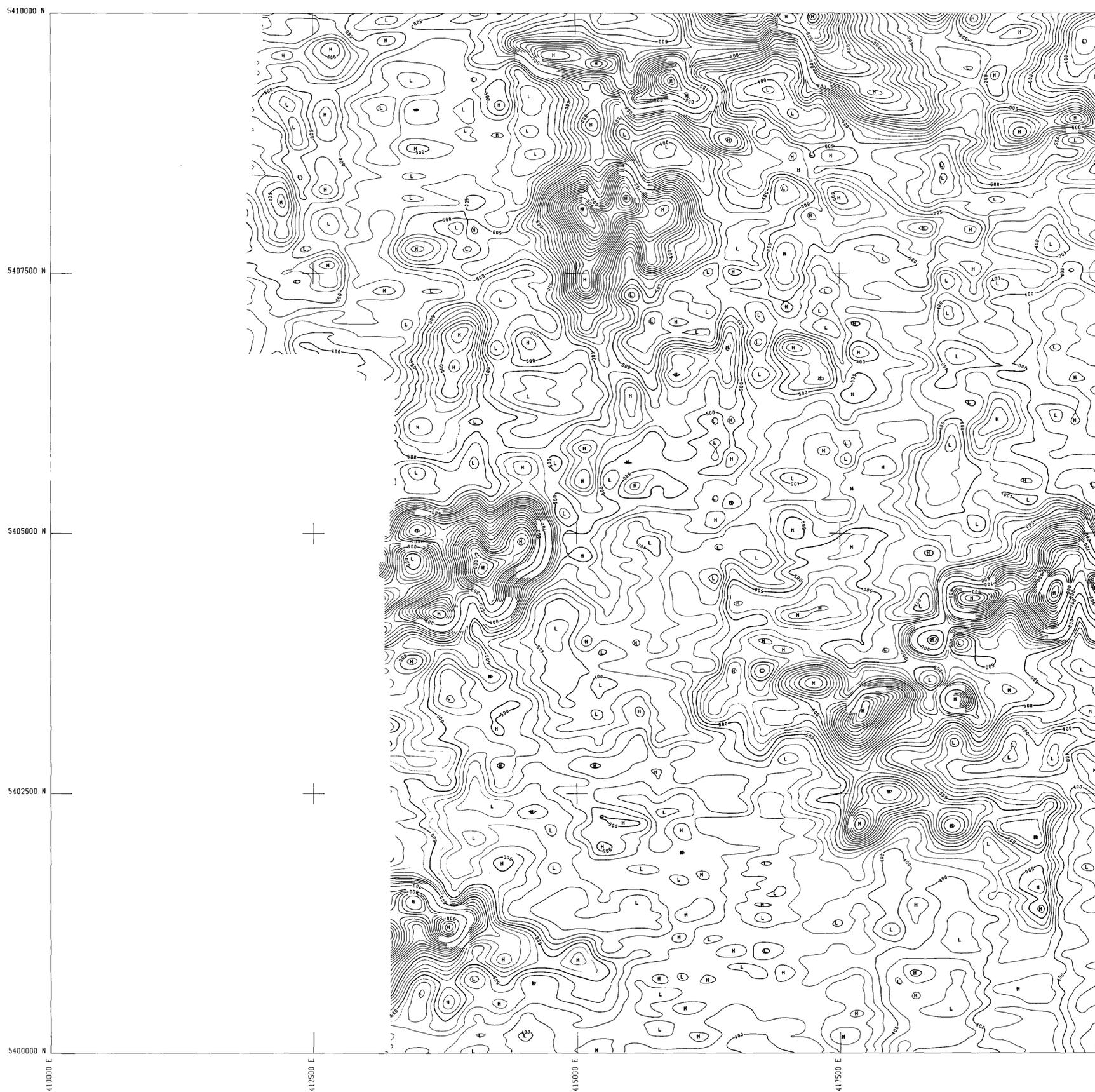
**PROCESSING SPECIFICATIONS**

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 4140  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

SHELL MINERALS (AUST)  
 MOINA - HOUSETOP TASMANIA  
 RESIDUAL MAGNETIC CONTOURS  
 SHEET 20/4140



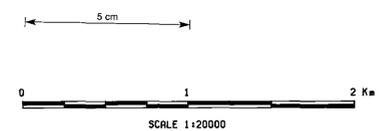
**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 BIAD  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED ACS 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 : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4140  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

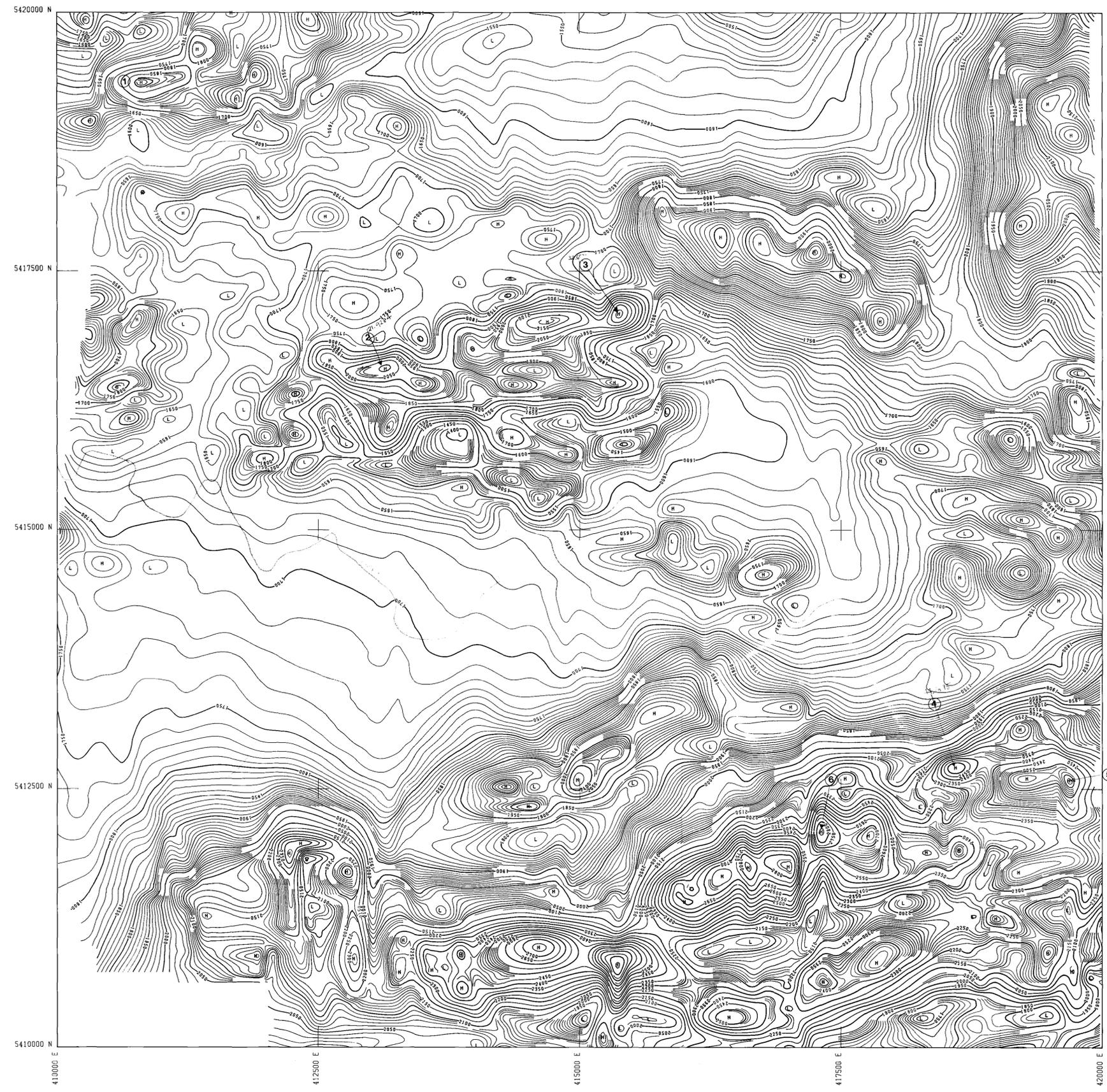


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 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

**SHELL MINERALS (AUST)**

**MOINA - HOUSETOP TASMANIA**  
**TOTAL COUNT CONTOURS**  
**SHEET 20/4140**

PROJ NO. MZ 01/1037 DATE: 22-DEC-80

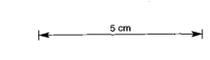


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCARS, 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 RC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

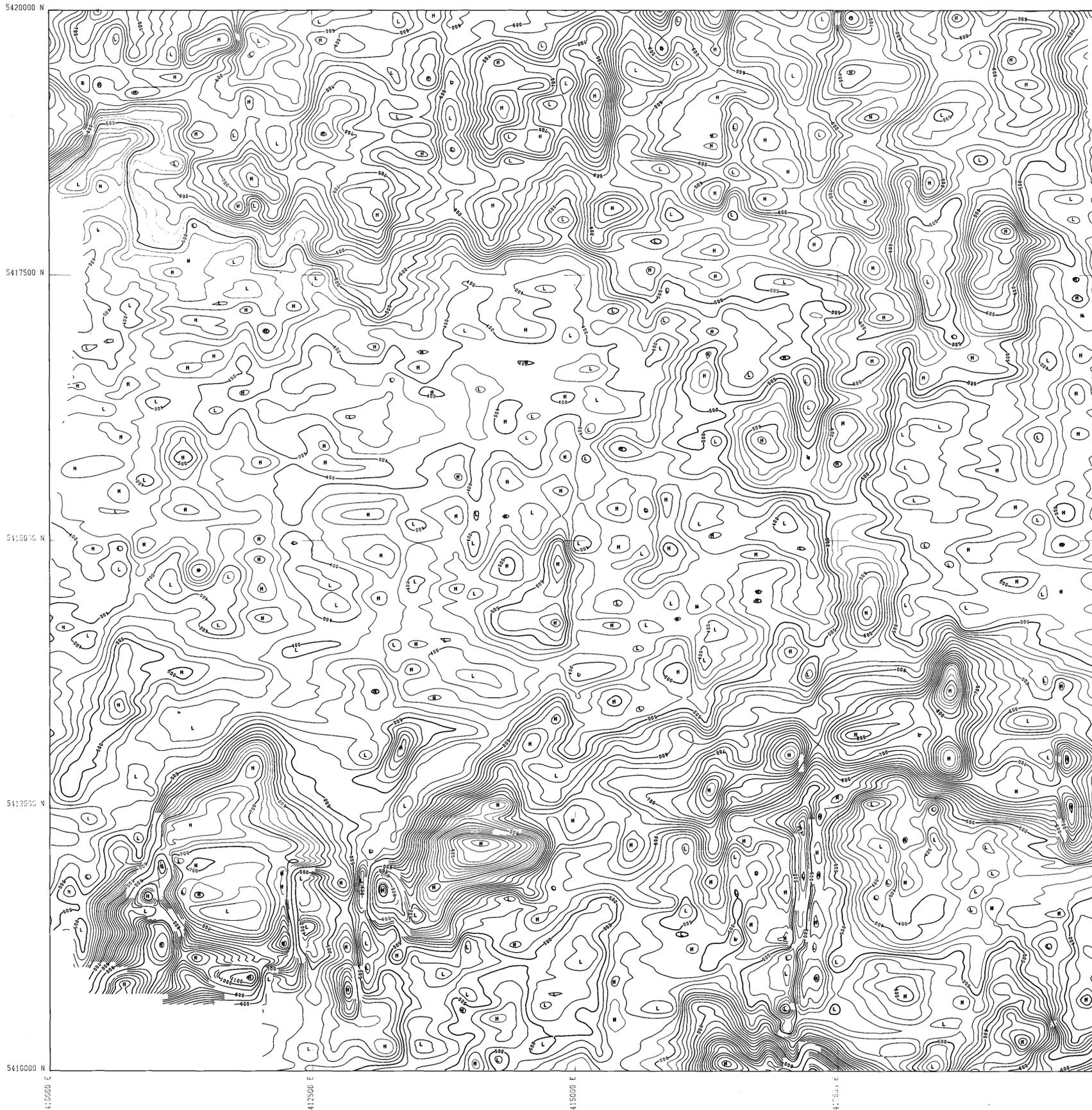
PROCESSING SPECIFICATIONS

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 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 10 nT  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4141  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

SHELL MINERALS (AUST)	
MOINA - HOusetop TASMANIA RESIDUAL MAGNETIC CONTOURS SHEET 20/4141	
PROJ NO. MZ01/1034	DATE: 03-NOV-80

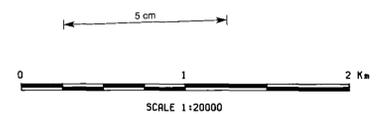


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLOANJUM 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 BIAD  
 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

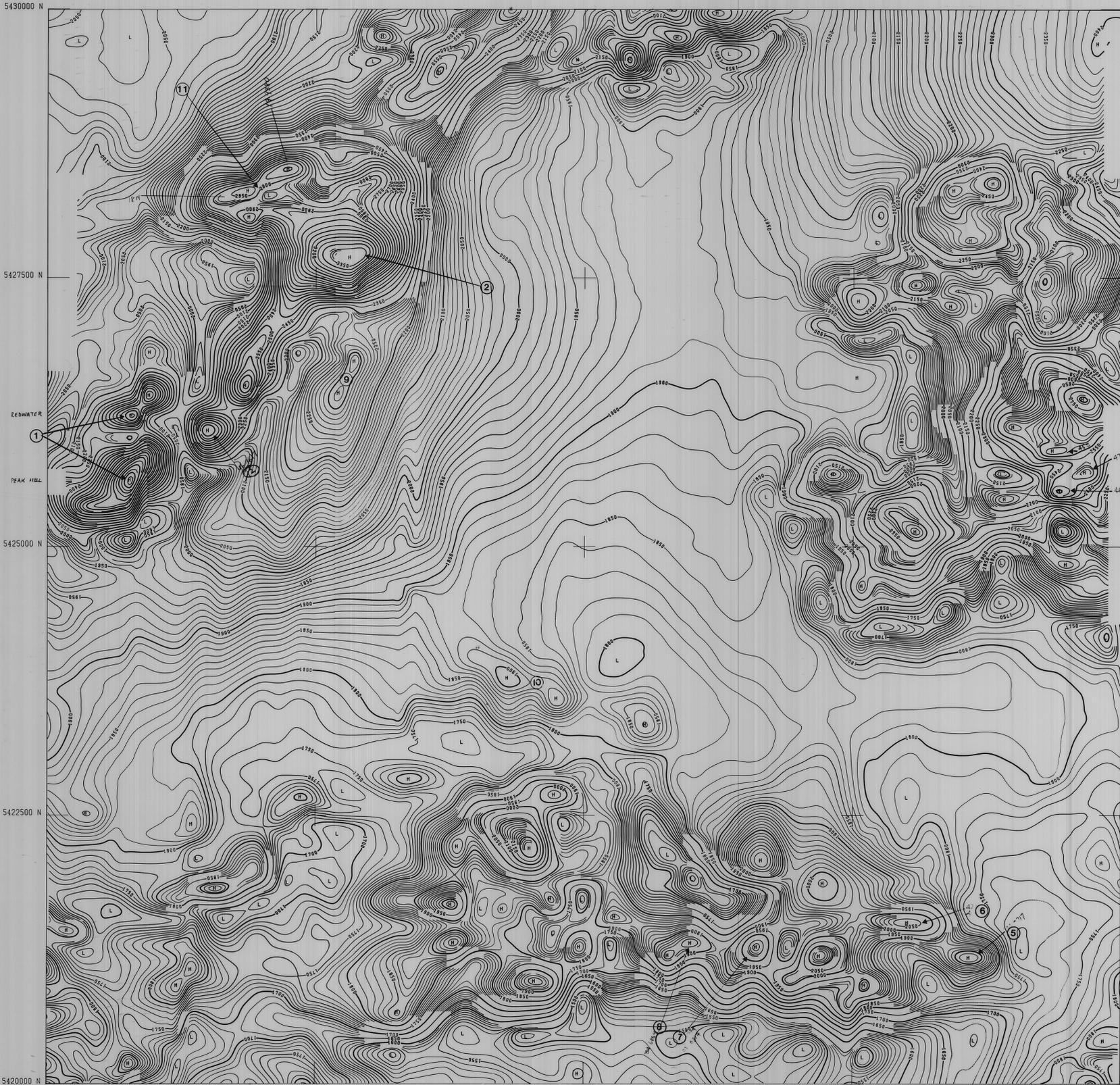
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 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4141  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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  
 TOTAL COUNT CONTOURS  
 SHEET 20/4141

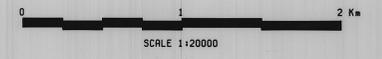


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANUM DCRS, 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 TONED BIRD  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

PROCESSING SPECIFICATIONS

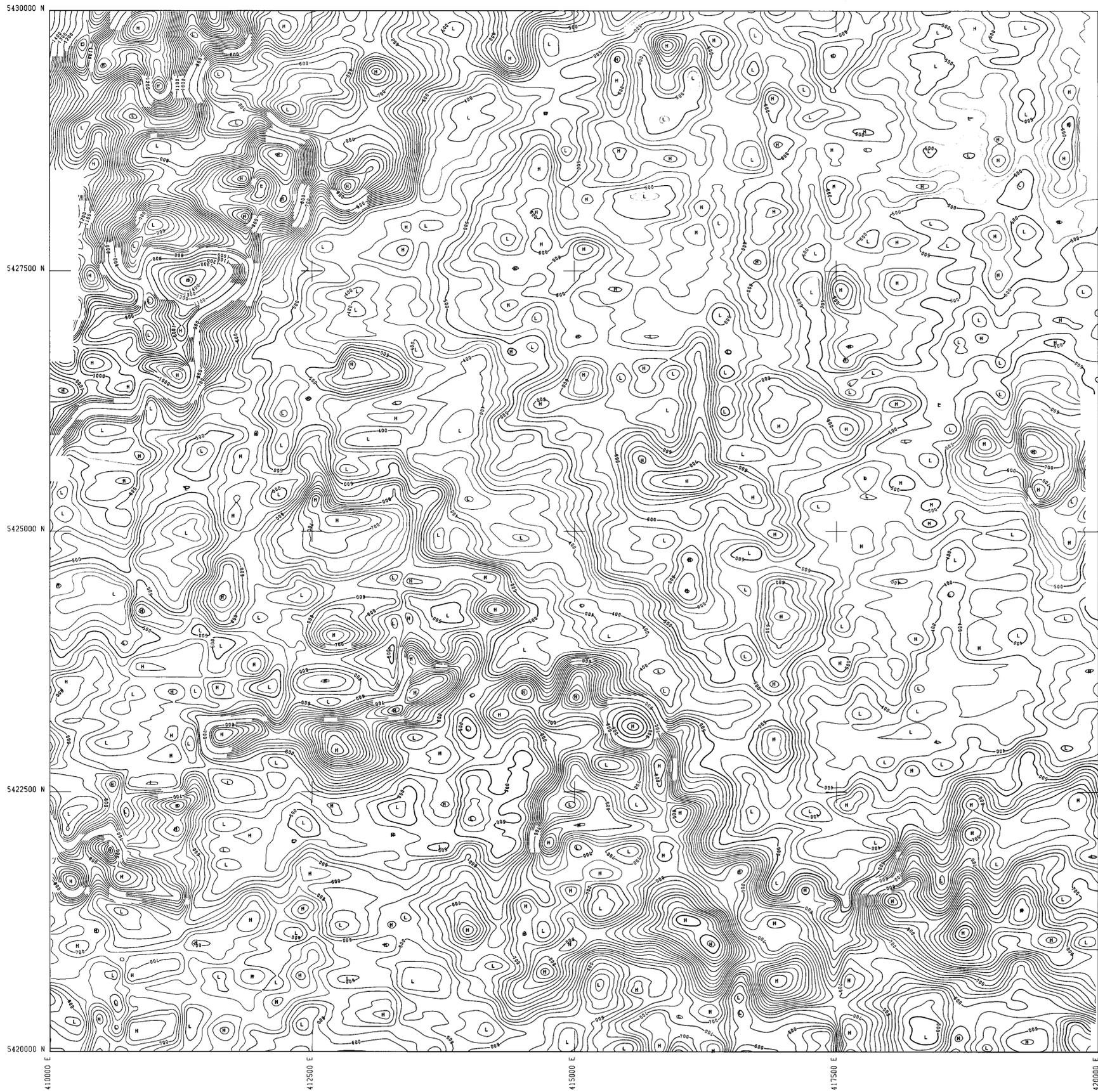
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 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 10 nT  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4142  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

SHELL MINERALS (AUST)

MOINA - HOUSOTOP TASMANIA  
 RESIDUAL MAGNETIC CONTOURS  
 SHEET 20/4142

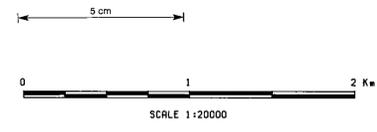


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANUM OCAS, 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 BIRO  
 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

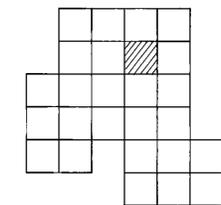
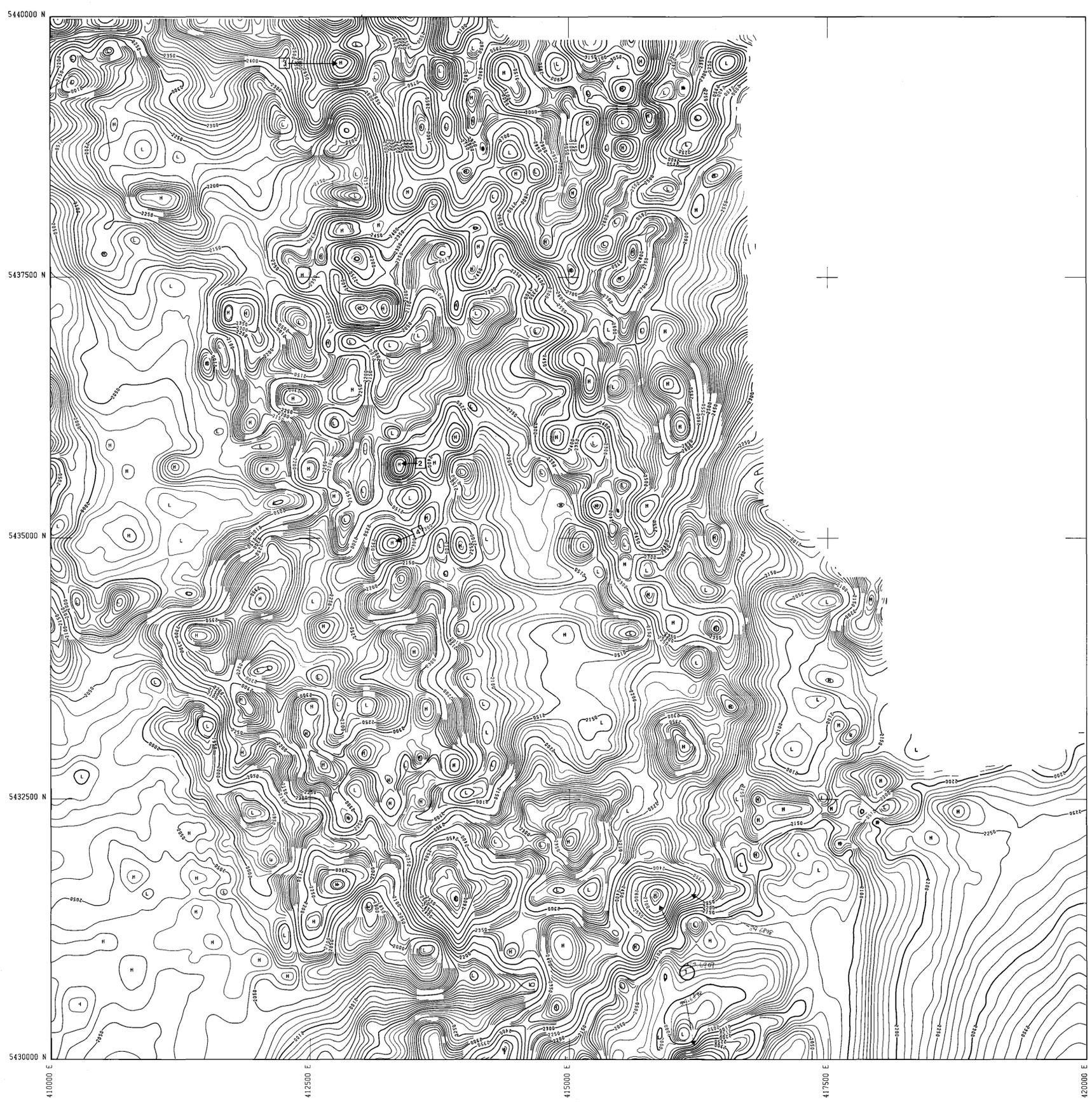
PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4142  
 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 TOTAL COUNT CONTOURS SHEET 20/4142	
PROJ NO. MZ01/1033	DATE: 24-JAN-81

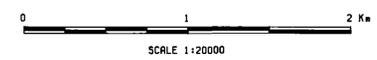


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANTUM DCRS, 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 AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

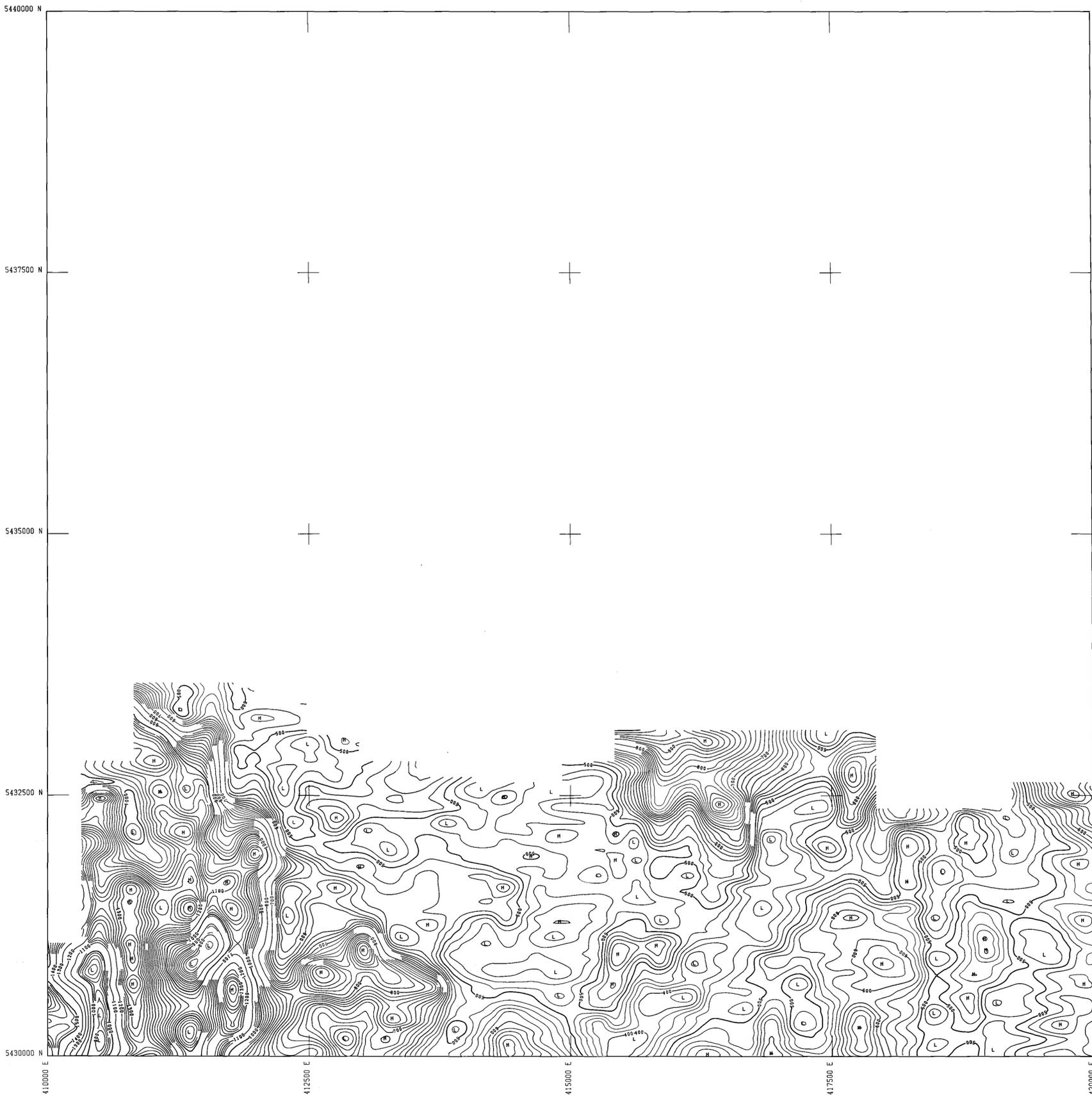
PROCESSING SPECIFICATIONS

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 20/4143  
 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 20/4143	
PROJ NO. MZ01/1030	DATE: 03-NOV-80

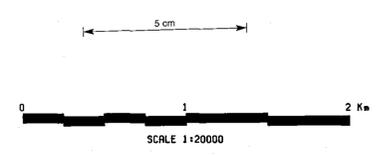


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, VOLUME 1024 cu in  
 DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON RCM-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 ACS PHOTOGRAPHY AT 1:20000  
 AND 1:30000

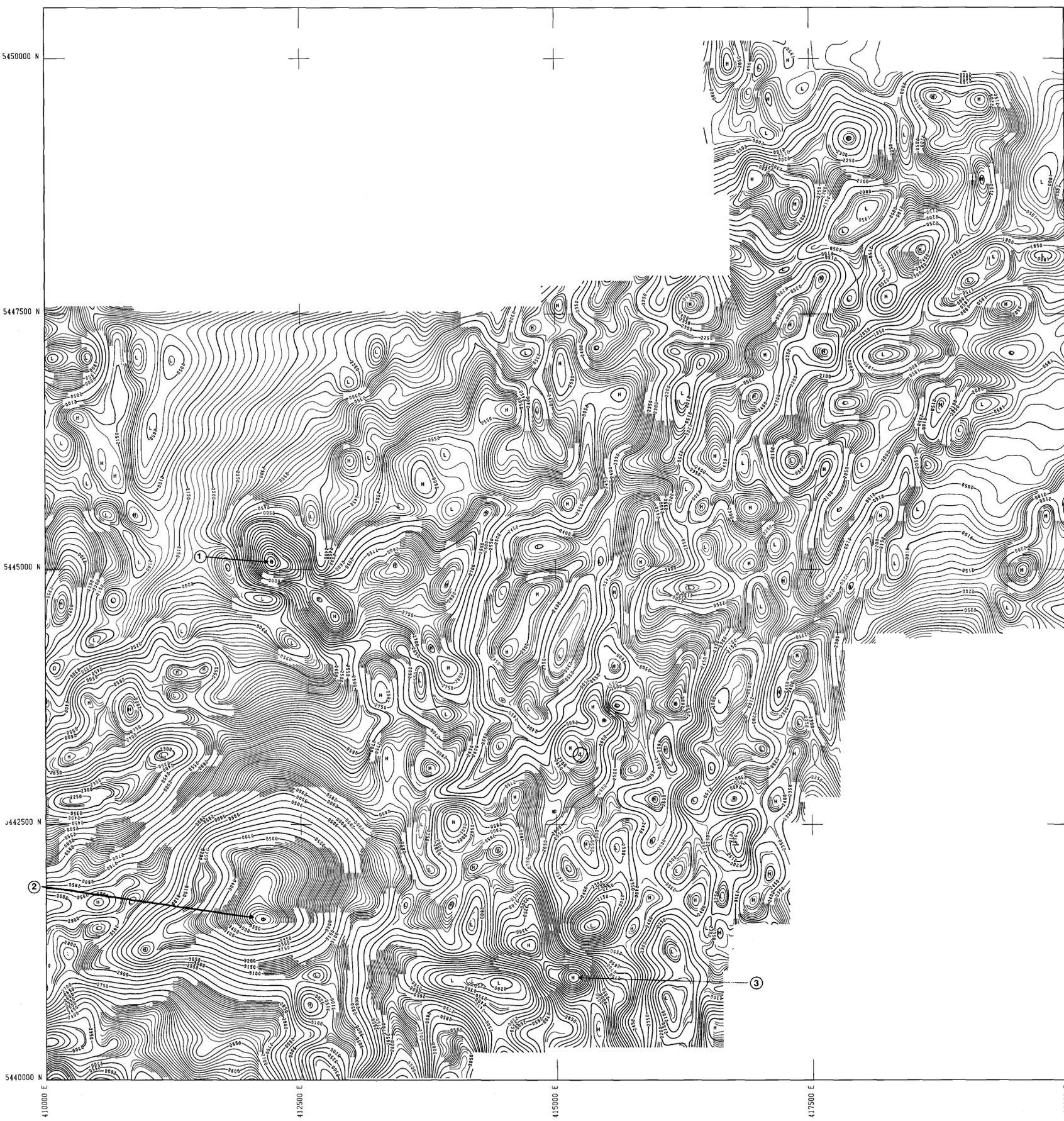
PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIO-METRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4143  
 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 TOTAL COUNT CONTOURS SHEET 20/4143	
PROJ NO. MZ 01/1031	DATE: 24-JAN-81

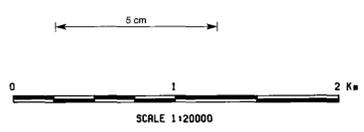


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM 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 AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

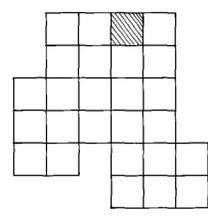
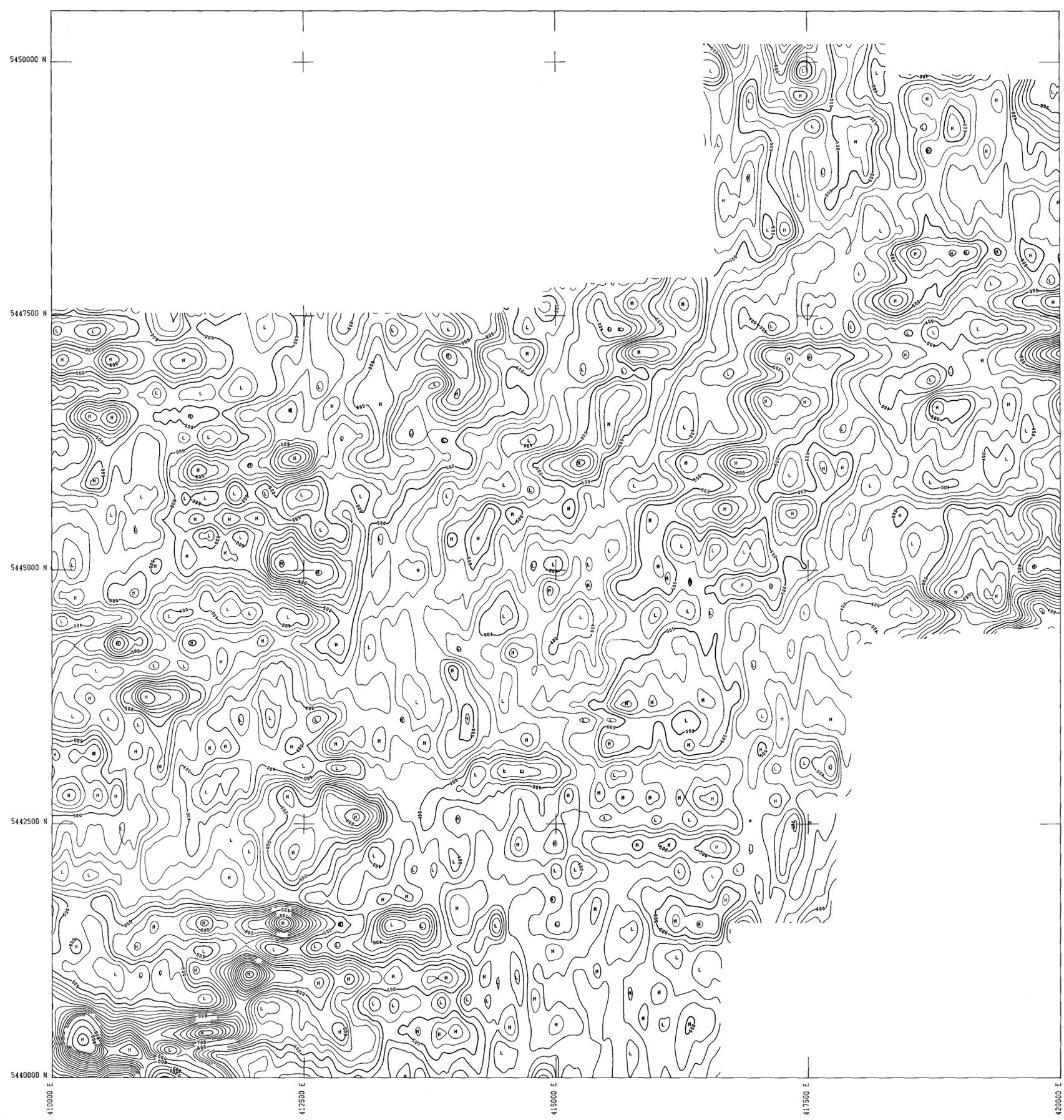
PROCESSING SPECIFICATIONS

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 20/4144  
 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 20/4144	
PROJ NO. MZ 01/1028	DATE: 03-NOV-80

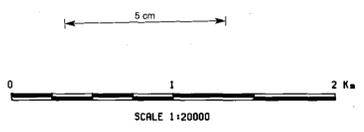


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

PROCESSING SPECIFICATIONS

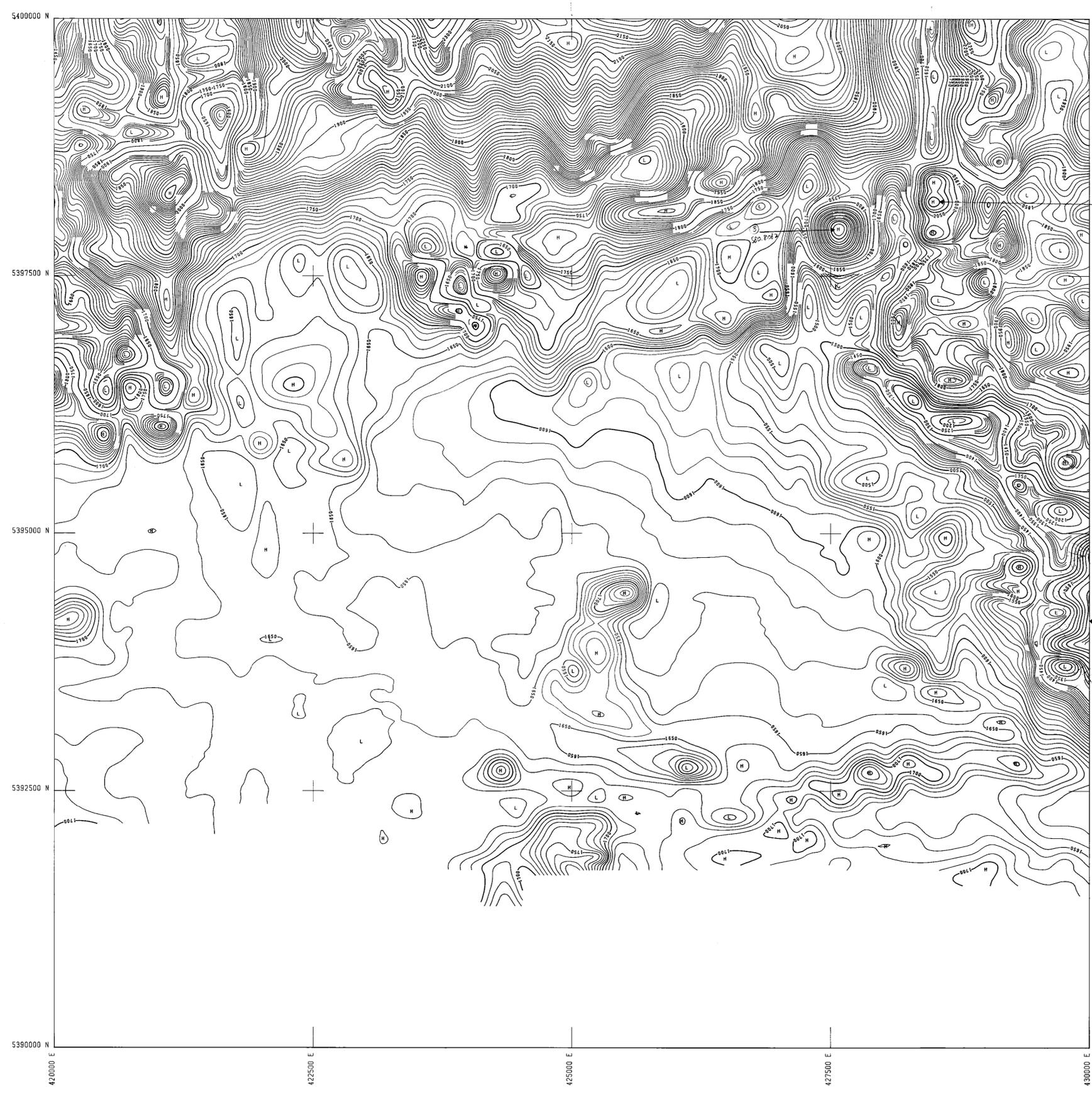
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 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4144  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

SHELL MINERALS (AUST)

MOINA - HOusetop TASMANIA  
 TOTAL COUNT CONTOURS  
 SHEET 20/4144



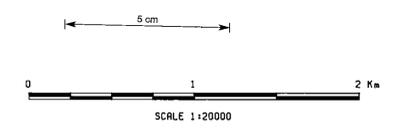
**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANUM DCRS, 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 AC9 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 4239  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

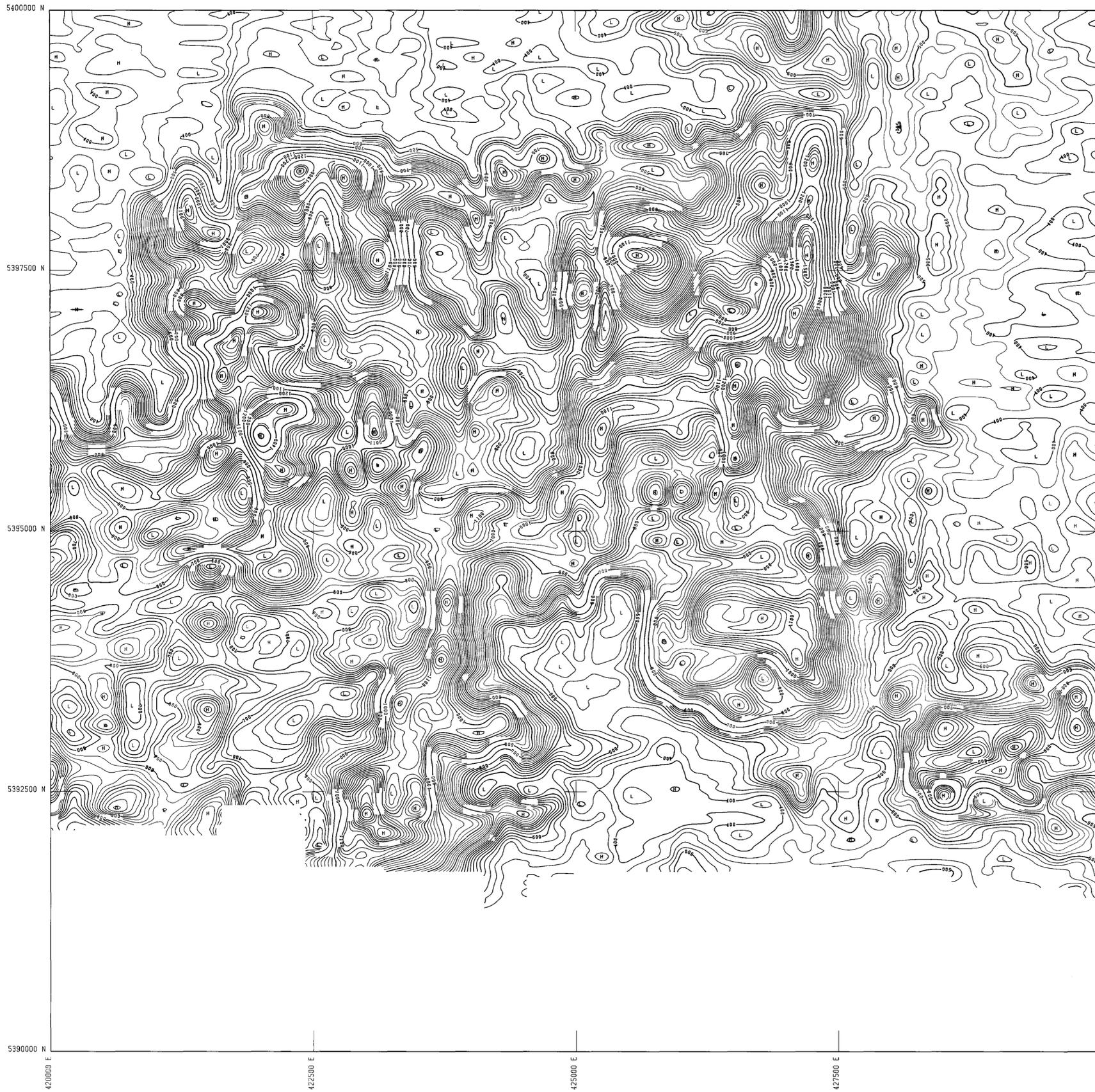


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 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

**SHELL MINERALS (AUST)**

**MOINA - HOUSETOP TASMANIA  
 RESIDUAL MAGNETIC CONTOURS  
 SHEET 20/4239**

PROJ. NO. mzo1/1050      DATE:      21-OCT-80

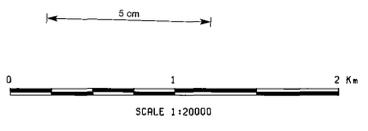


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PRONON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 ACS 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 : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4239  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

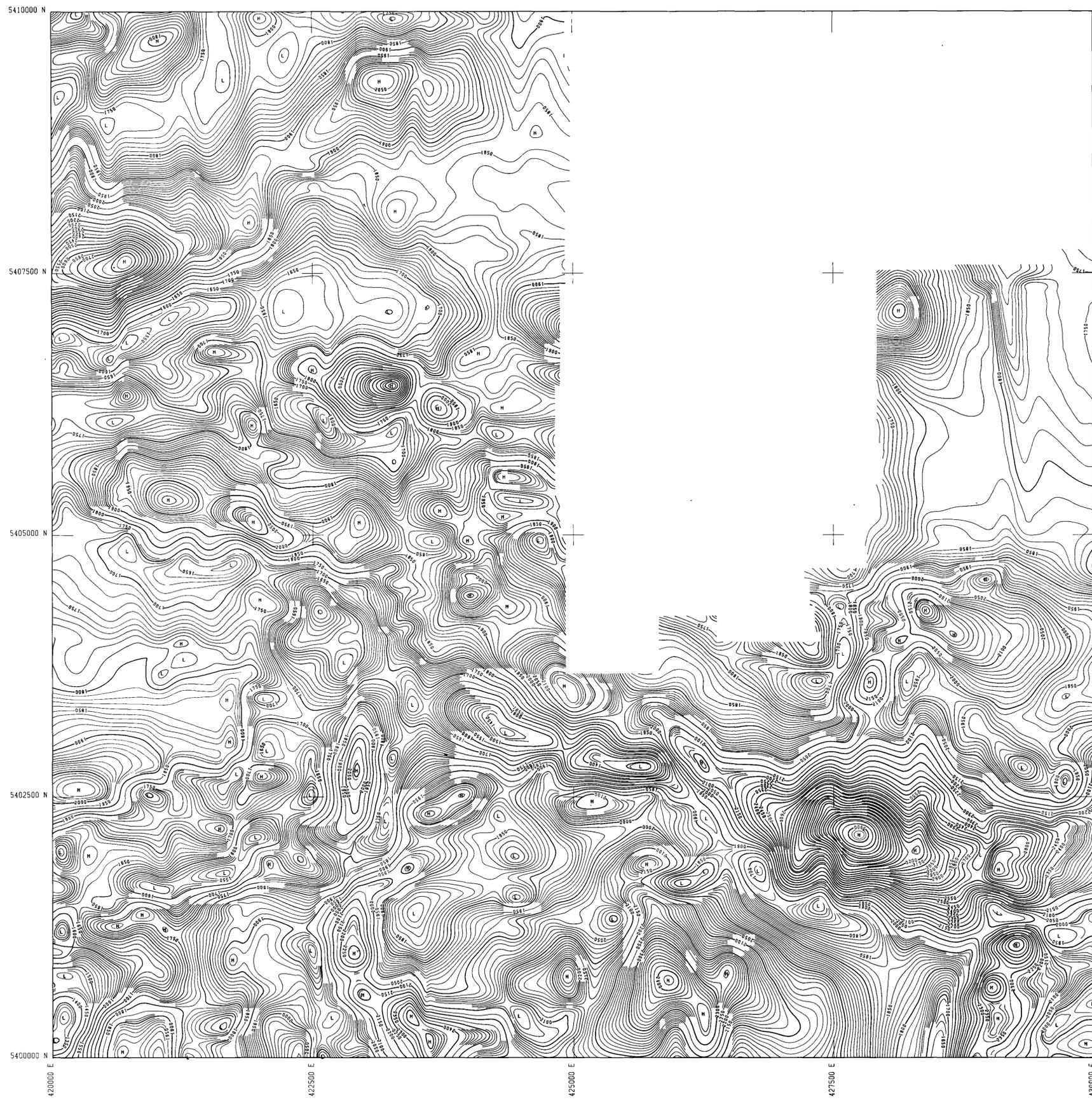


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 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

MOINA - HOUSETOP TASMANIA  
 TOTAL COUNT CONTOURS  
 SHEET 20/4239

PROJ NO. MZOI/1051 | DATE: | 24-JAN-81

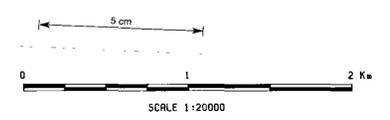


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLOANUM OQRS, VOLUME 1024 cu in  
 DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON RM-8  
 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 BIAD  
 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

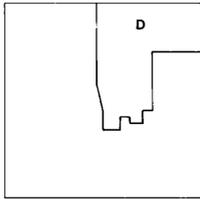
IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 10 nT  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 4240  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

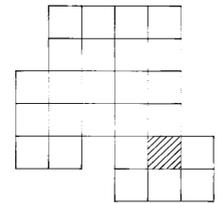
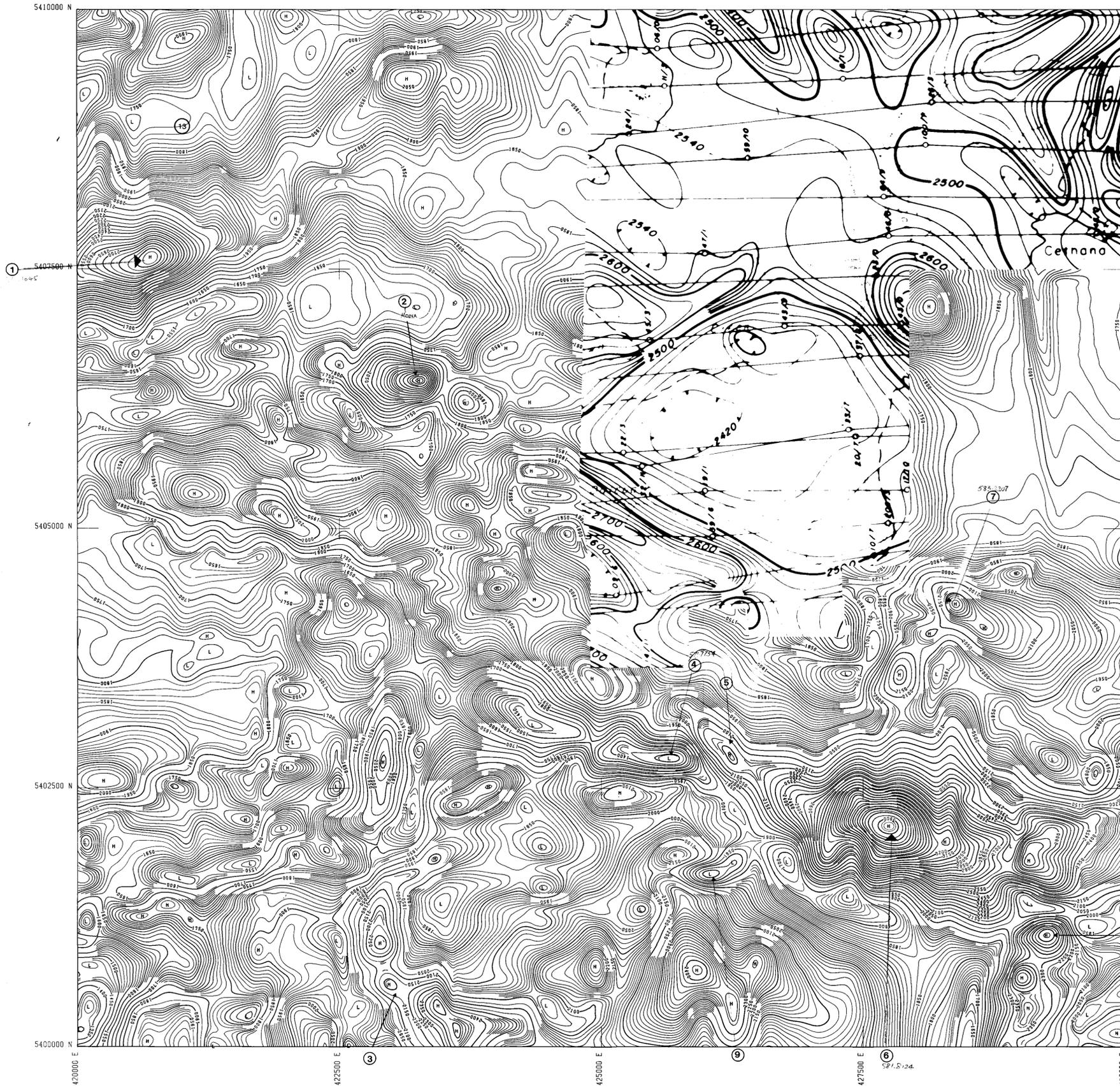
SHELL MINERALS (AUST)	
MOINA - HOusetop TASMANIA RESIDUAL MAGNETIC CONTOURS SHEET 20/4240	
PROJ NO. M2 01/1024	DATE: 20-OCT-80

LE



SPECIFICATIONS SURVEY D

C.I. 20 nT  
LINE SEPARATION 1/2 mile (800 metres)  
M.T.C. 500 feet (150 metres)  
Flown for Mr. Lyell M & R Co. Ltd. by AMEG

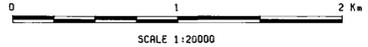


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
SPECTROMETER : EXPLORANIUM DCAS, VOLUME 1024 cu in  
DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON RM-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 4240  
GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



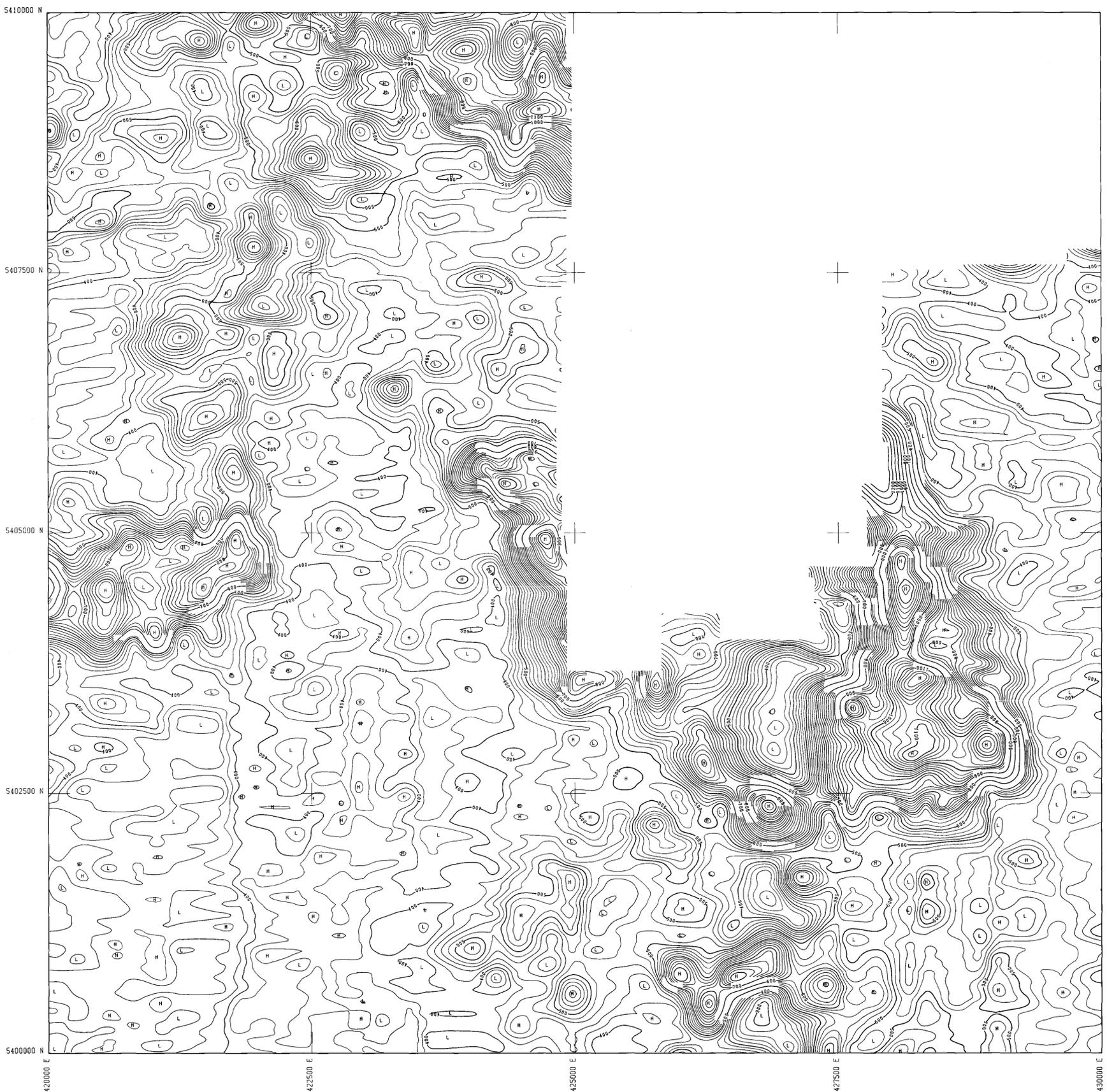
SCALE 1:20000

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

SHELL MINERALS (AUST)

MOINA - HOusetop TASMANIA  
RESIDUAL MAGNETIC CONTOURS  
SHEET 20/4240

PPUJ NO. MZ01/1048 DATE: 20-OCT-80

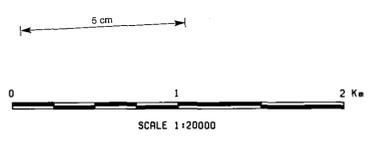


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, VOLUME 1024 cu in  
 DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON RCM-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 : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4240  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

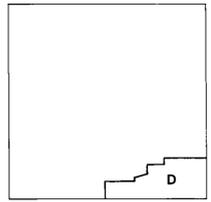


FLOWN BY GEOMETRICS INT CORP  
 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

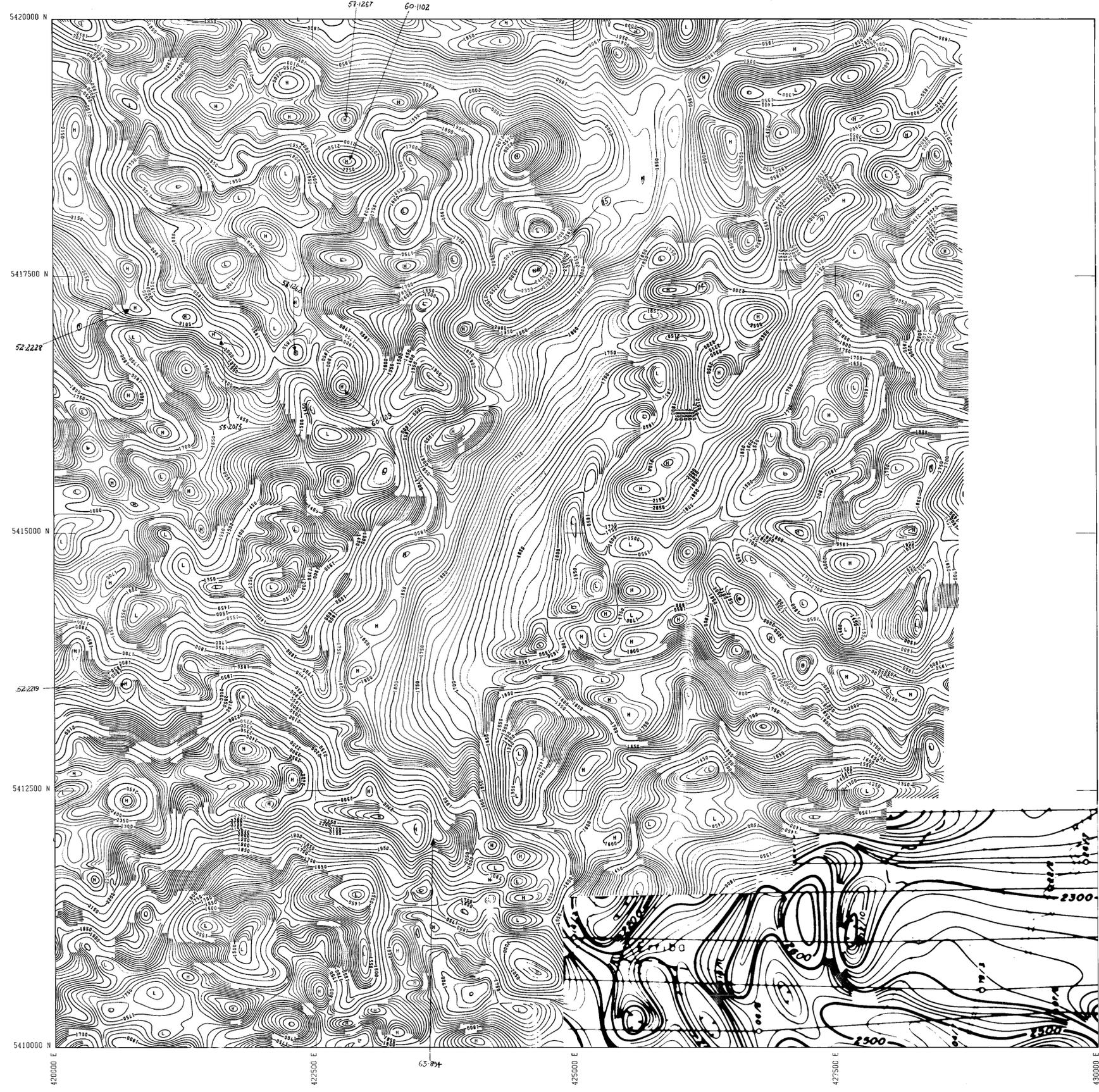
MOINA - HOUSETOP TASMANIA  
 TOTAL COUNT CONTOURS  
 SHEET 20/4240

PROJ. NO. MZ01/1049 DATE: 22-DEC-80



**SPECIFICATIONS SURVEY D**

C.I. 20 nT  
 LINE SEPARATION 1/2 mile (800 metres)  
 M.T.C. 500 feet (150 metres)  
 Flown for Mt. Lyell M & R Co. Ltd by AMEG



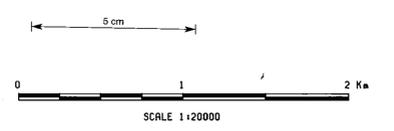
**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 TONED BIRO  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED AC9 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 4241  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

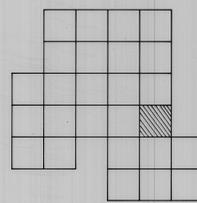
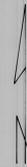
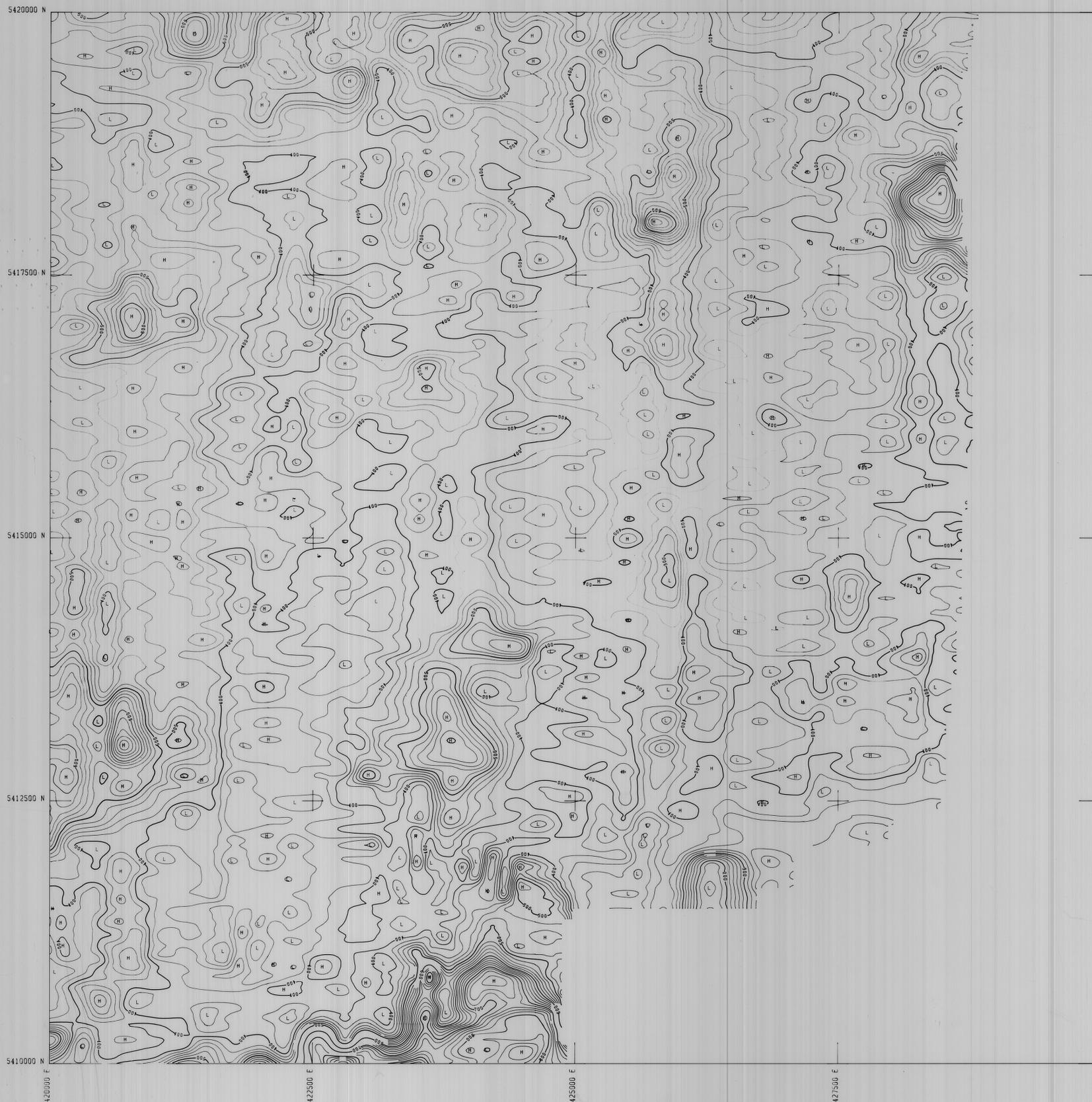


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 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

**SHELL MINERALS (AUST)**

**MOINA - HOUSOTOP TASMANIA**  
**RESIDUAL MAGNETIC CONTOURS**  
**SHEET 20/4241**

PROJ. NO. MZ 01/1046      DATE: 21-OCT-80

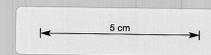


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 RC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIO-METRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4241  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

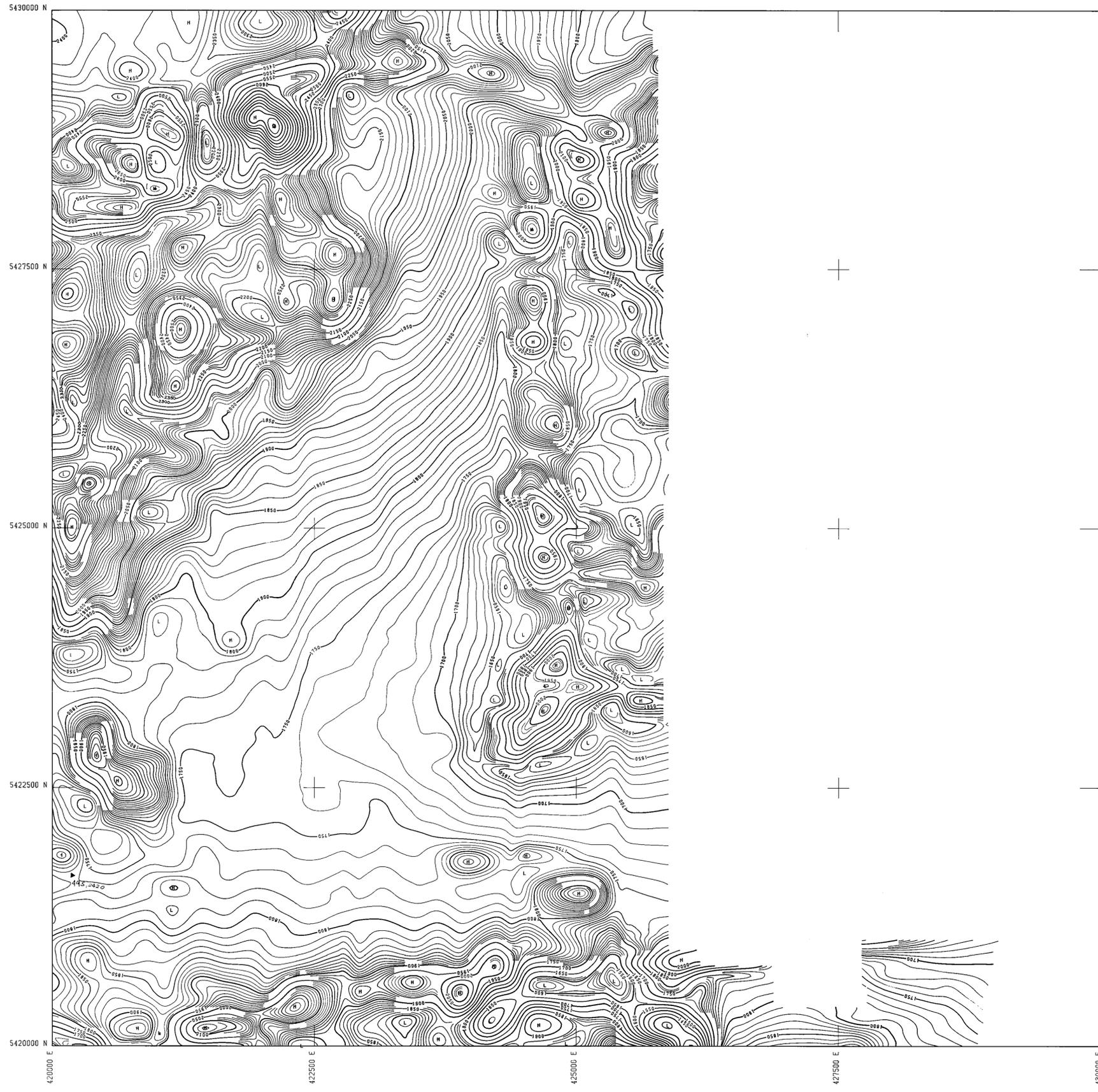


SCALE 1:20000

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

SHELL MINERALS (AUST)

MOINA - HOusetop TASMANIA  
 TOTAL COUNT CONTOURS  
 SHEET 20/4241

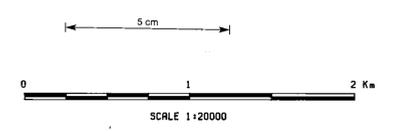


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM 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 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 4242  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

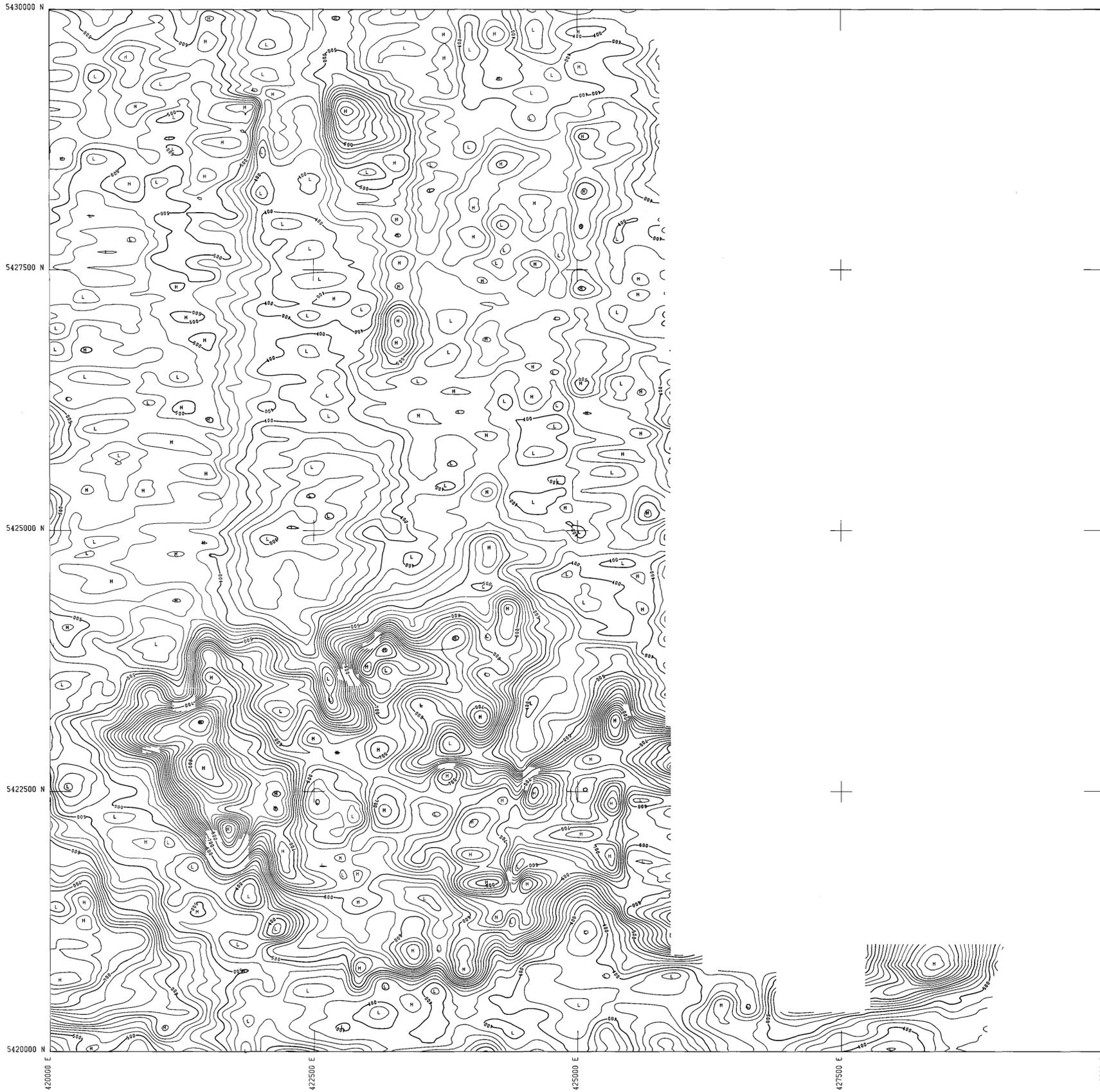


FLOWN BY GEOMETRICS INT CORP  
 JOB NO : 9221, FLOWN : MARCH - APRIL 1980  
 COMPILED BY ENGINEERING COMPUTER SERVICES PTY LTD

SHELL MINERALS (AUST)

MOINA - HOUSETOP TASMANIA  
 RESIDUAL MAGNETIC CONTOURS  
 SHEET 20/4242

PROJ. NO. MZ 01 / 1044      DATE:      21-OCT-80

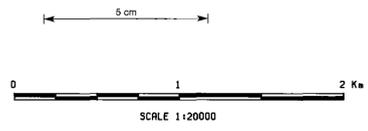


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANJUM 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 AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

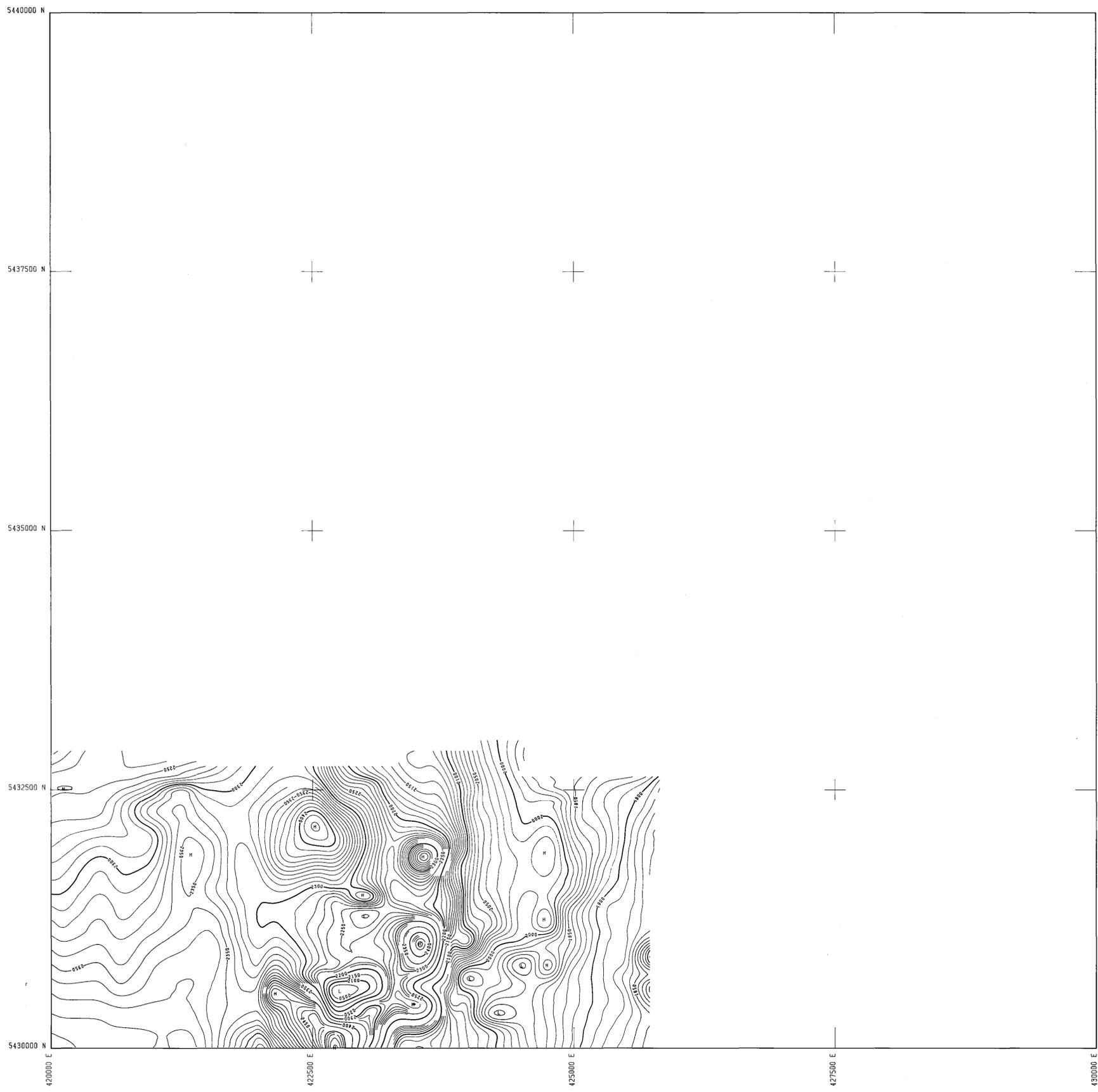
PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4242  
 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 TOTAL COUNT CONTOURS SHEET 20/4242	
PROJ NO. M201/1045	DATE: 29-DEC-80

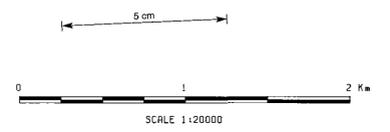


AIRBORNE SURVEY SPECIFICATIONS

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 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 BIAD  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED ACS PHOTOGRAPHY AT 1:20000  
 AND 1:30000

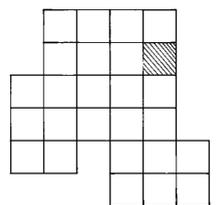
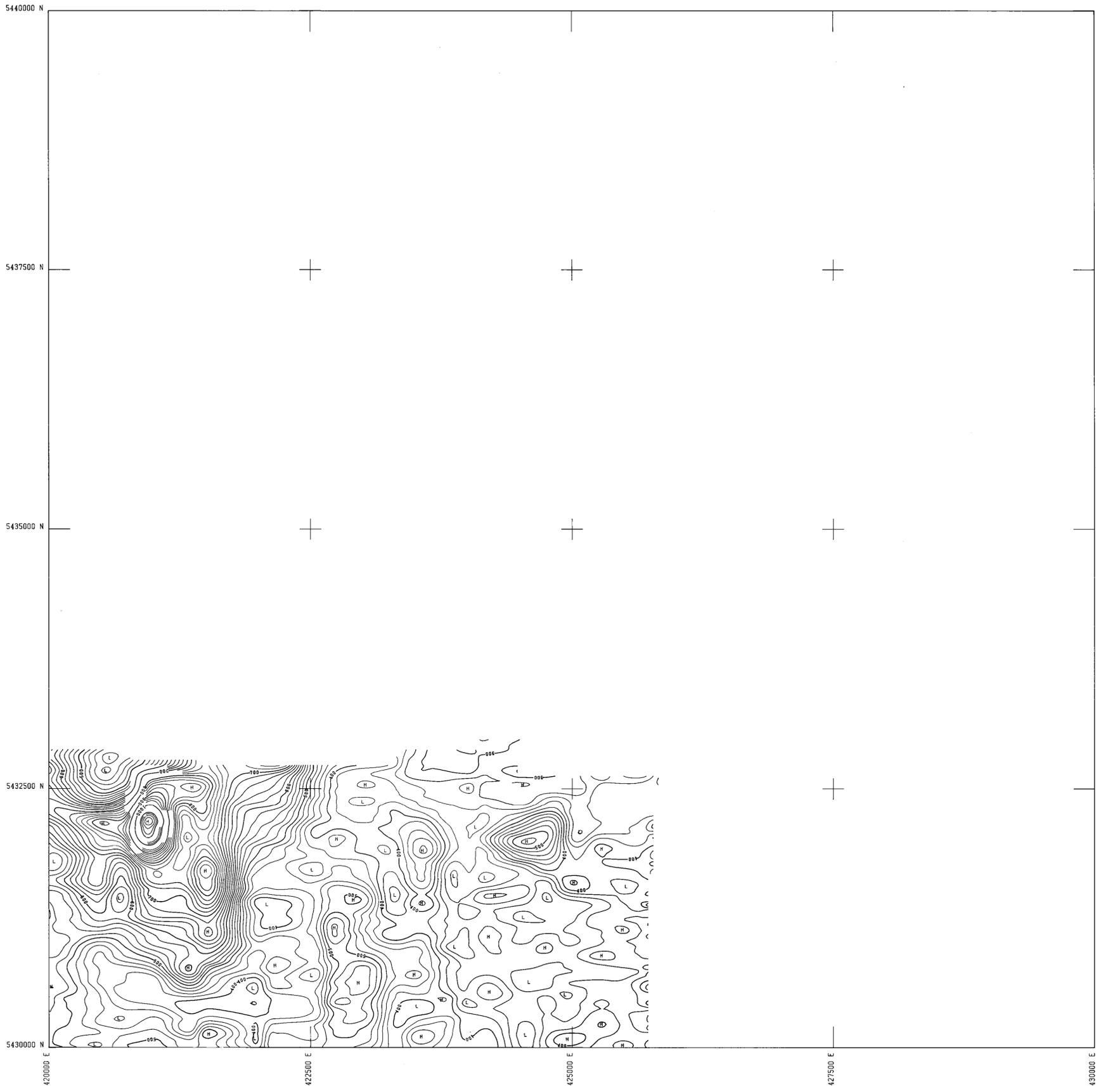
PROCESSING SPECIFICATIONS

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 4243  
 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 - HOUSTOP TASMANIA RESIDUAL MAGNETIC CONTOURS SHEET 20/4243	
PROJ NO. M201/1042	DATE: 21-OCT-80

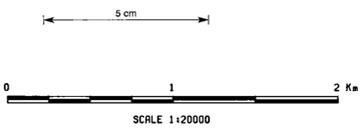


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANTUM DCRS, VOLUME 1024 cu in  
 DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON RM-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 BIRO  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-M, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED RC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

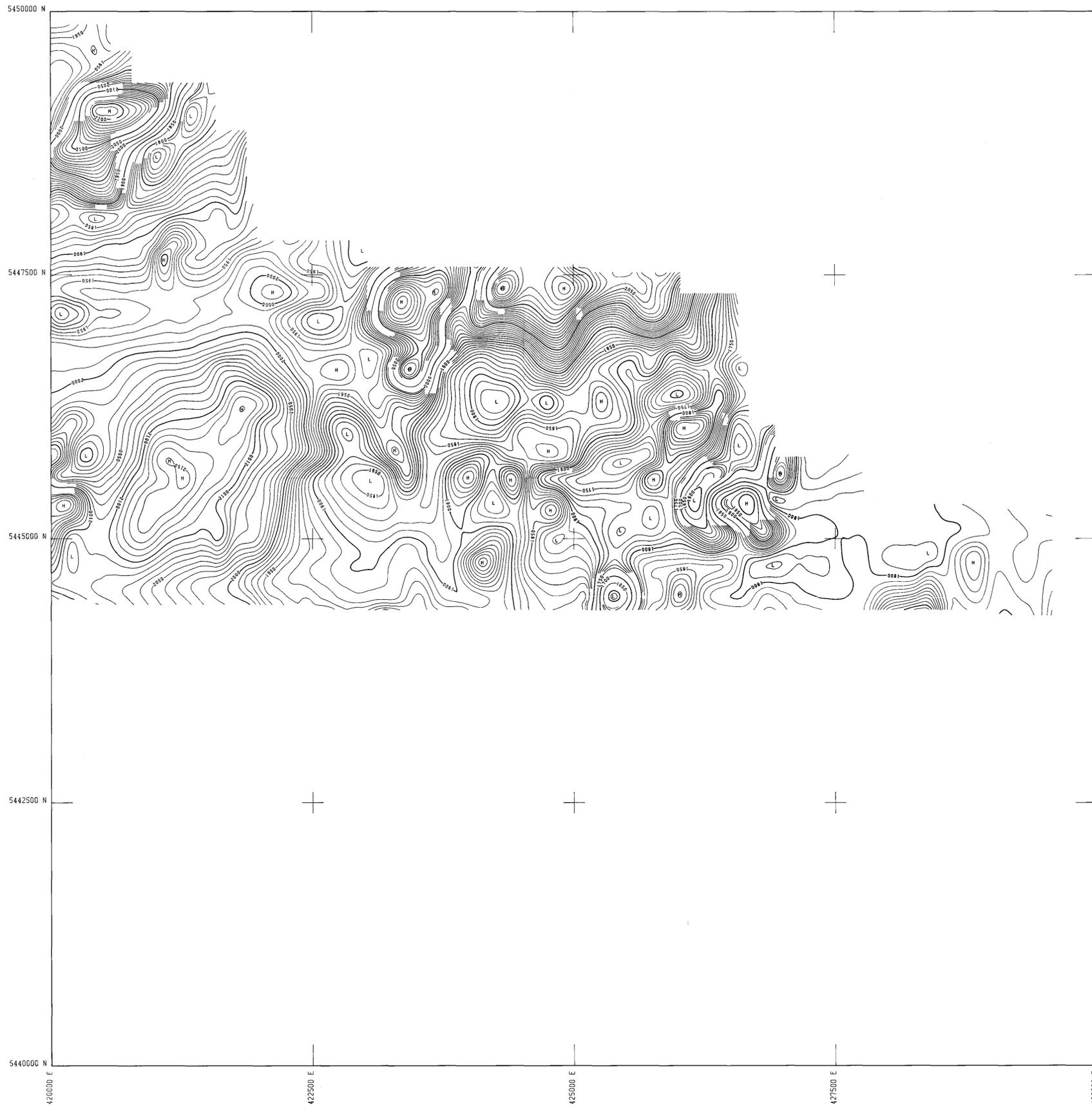
PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4243  
 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 TOTAL COUNT CONTOURS SHEET 20/4243	
PROJ NO. MZ01/1043	DATE: 29-DEC-80



## AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM OCAS, VOLUME 1024 cu in  
 DATA RECORDING : ALL DIGITAL TO MAGNETIC TAPE, ANALOGUE ON PCM-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 BIRO  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

## PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIO-METRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 10 nT  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4244  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

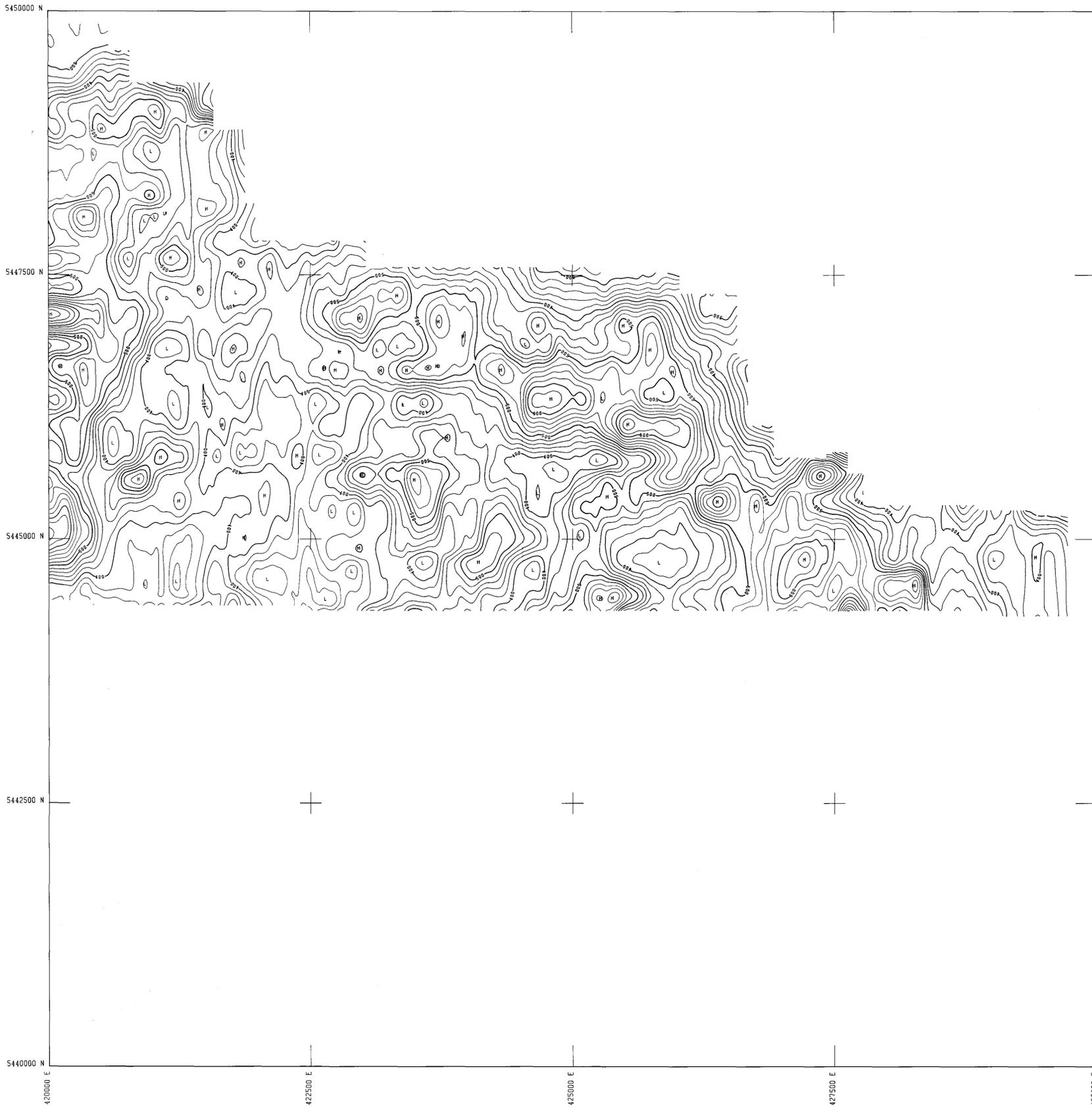
5 cm

0 1 2 Km  
 SCALE 1:20000

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

SHELL MINERALS (AUST)

MOINA - HOusetop TASMANIA  
 RESIDUAL MAGNETIC CONTOURS  
 SHEET 20/4244



AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANUM DCRS, 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 TONED BIRD  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIONETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c.p.s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4244  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID

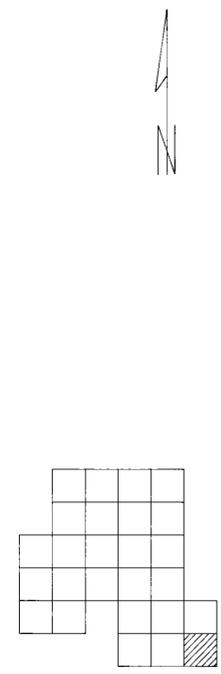
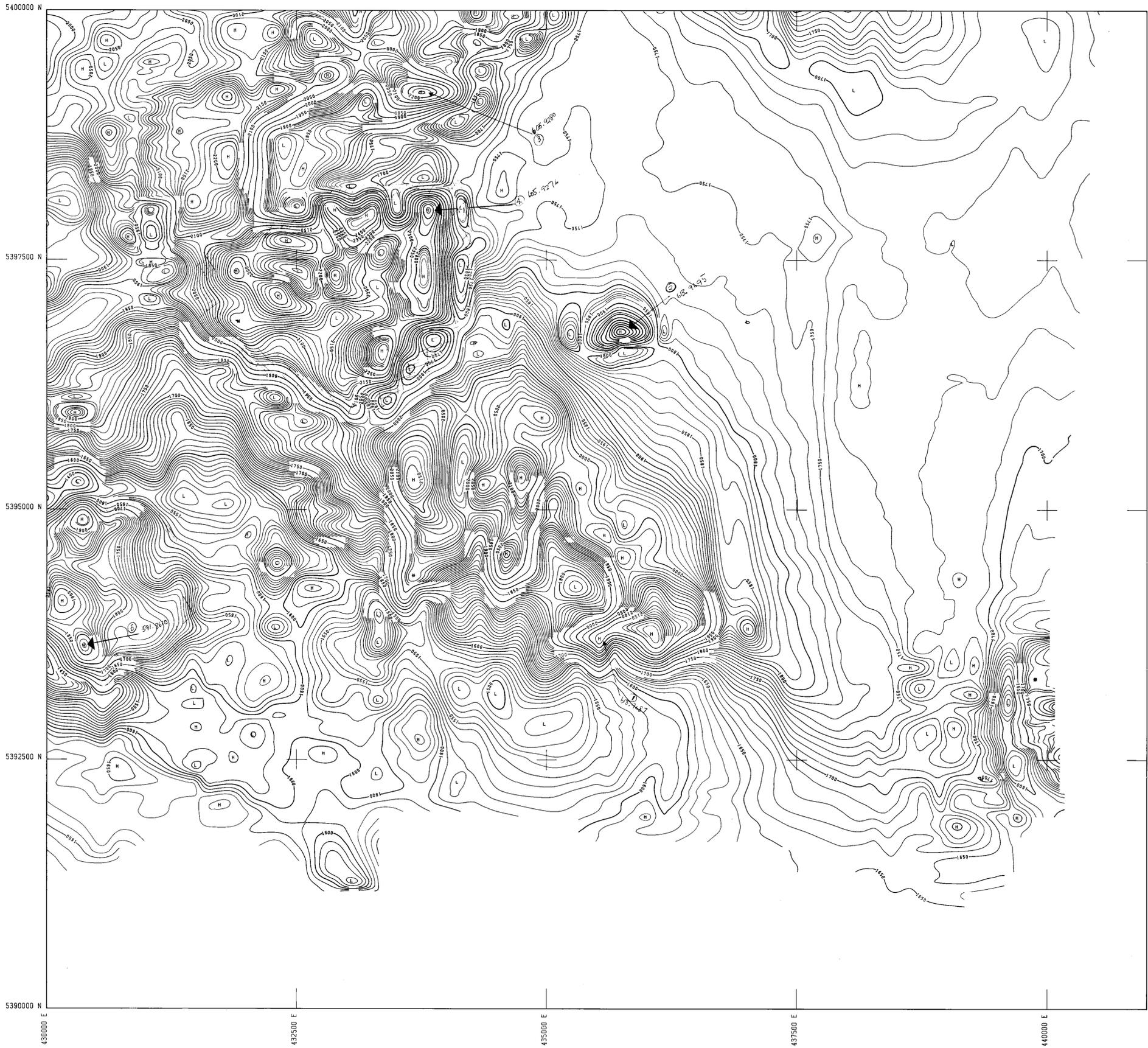


SCALE 1:20000

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

SHELL MINERALS (AUST)

MOINA - HOUSSETOP TASMANIA  
 TOTAL COUNT CONTOURS  
 SHEET 20/4244

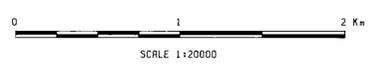


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANUM DCRS, 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-M, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

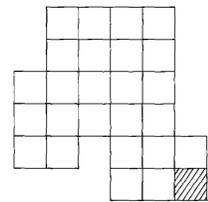
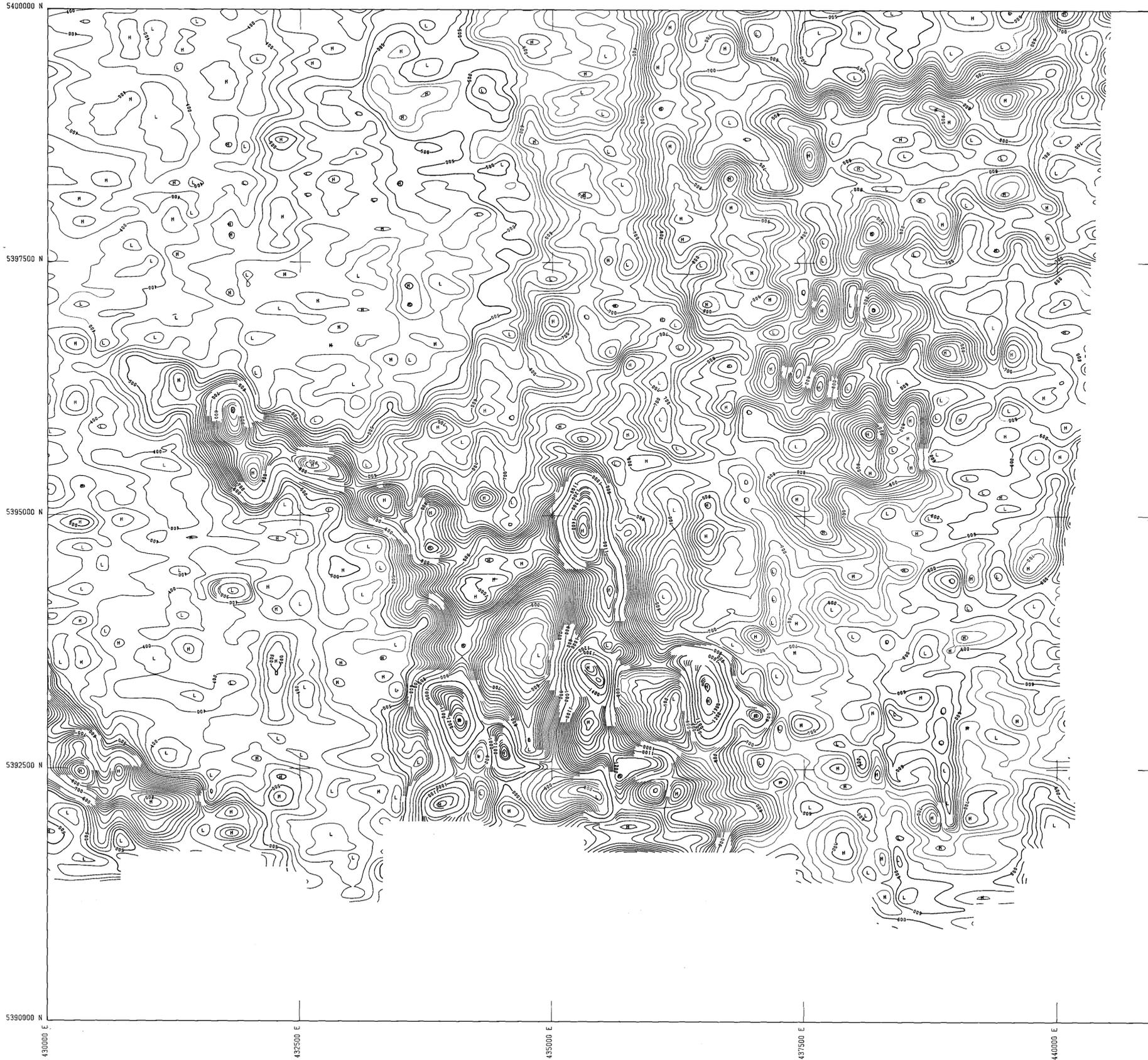
PROCESSING SPECIFICATIONS

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 4339  
 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 - HOUSTOP TASMANIA RESIDUAL MAGNETIC CONTOURS SHEET 20/4339	
PROJ NO. MZOI/1054	DATE: 21-OCT-80

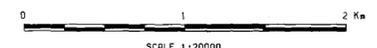
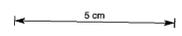


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANUM OQRS, 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 BIRO  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

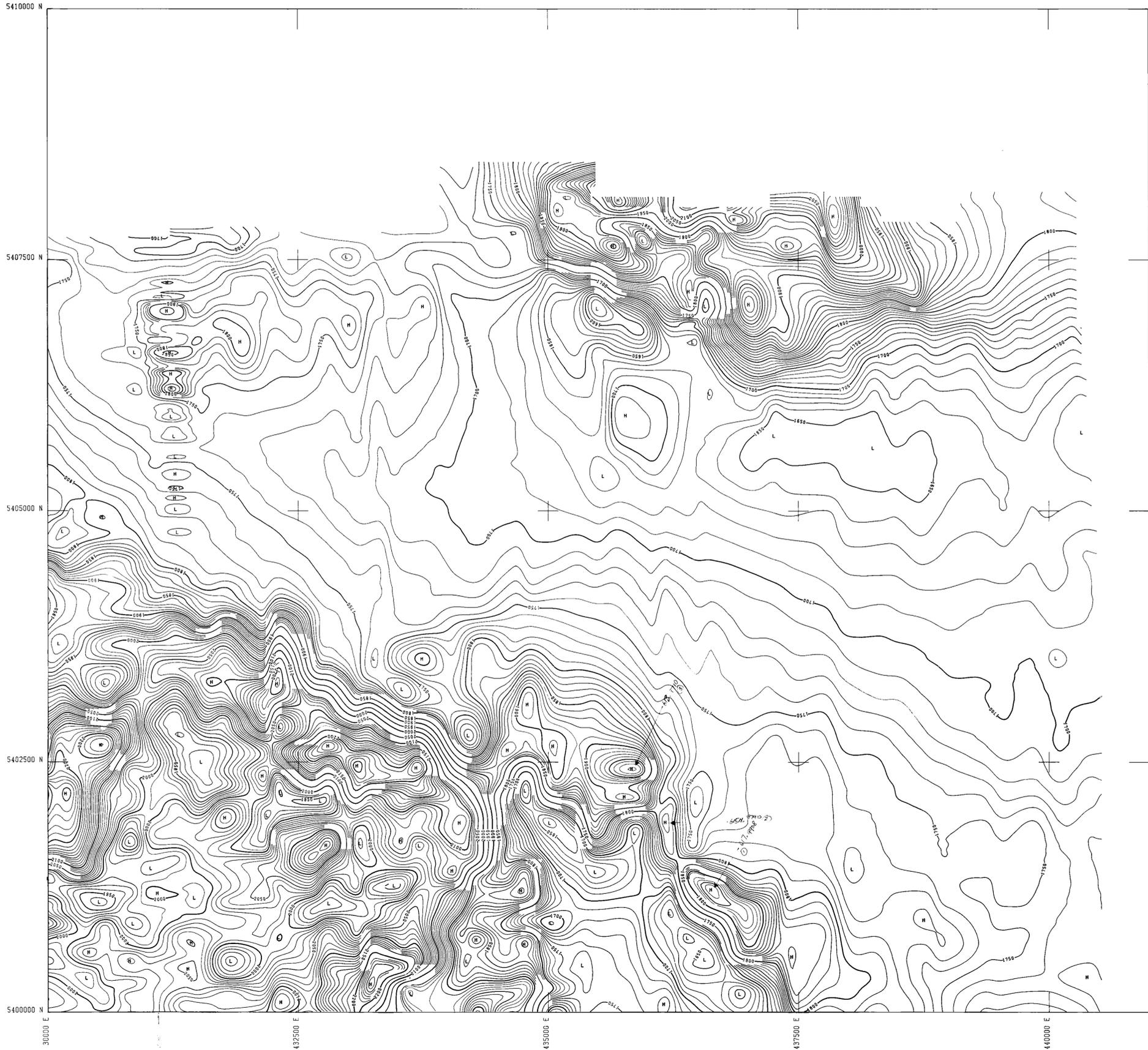
PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND  
 ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4339  
 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 TOTAL COUNT CONTOURS SHEET 20/4339	
PROJ NO. MZ01/1055	DATE: 24-JAN-81

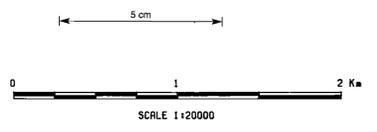


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM DCRS, 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 RC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

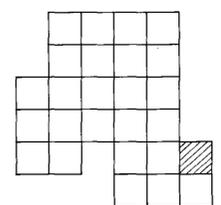
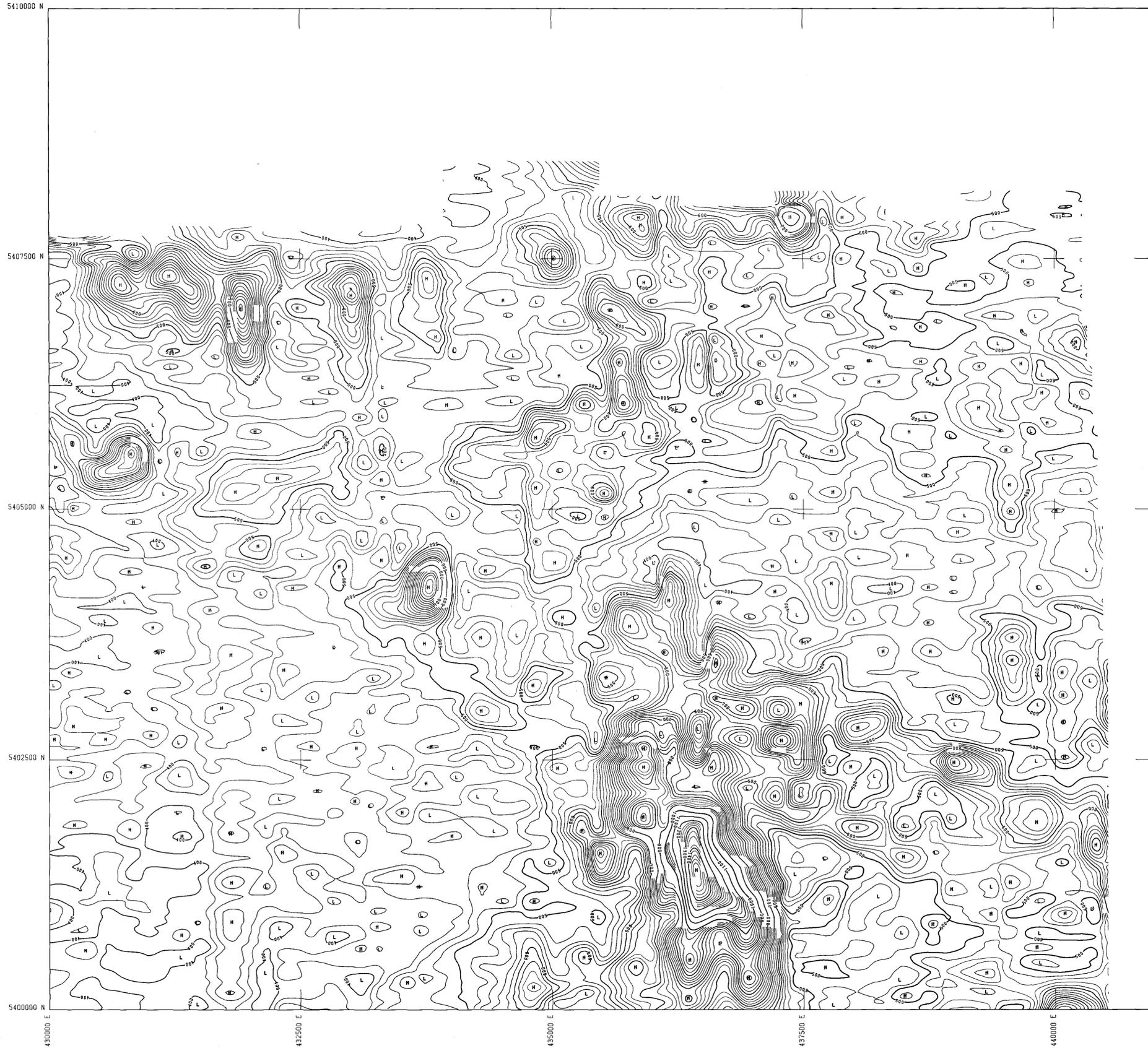
PROCESSING SPECIFICATIONS

IGRF : REMOVED, DATUM 2000 NT ADDED  
 RADIONOMETRIC CORRECTIONS : COMPTON  
 BACKGROUND ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 10 nT  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 4340  
 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 20/4340	
PROJ NO. MZ01/1052	DATE: 20-OCT-80

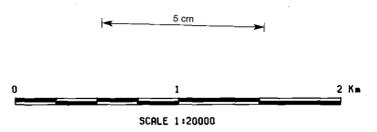


AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : G-803 PROTON PRECESSION RECORDING TO 1.0 nT  
 SPECTROMETER : EXPLORANIUM 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 BIAD  
 CABLE LENGTH 30 metres  
 NOMINAL FLIGHT LINE SPACING : 250m N-S and E-W, TIES 2.5km  
 FLIGHT LINE RECOVERY : VISUALLY TO ENLARGED AC9 PHOTOGRAPHY AT 1:20000  
 AND 1:30000

PROCESSING SPECIFICATIONS

IGAF : REMOVED, DATUM 2000 NT ADDED  
 RADIOMETRIC CORRECTIONS : COMPTON BACKGROUND ALTITUDE  
 GRID MESH : 50m by 50m  
 CONTOUR INTERVAL : 20 c. p. s.  
 HORIZONTAL SCALE 1 : 20000  
 SHEET 20/4340  
 GRID NOTATION REFERS TO AUSTRALIAN MAP GRID



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

SHELL MINERALS (AUST)

MOINA - HOUSETOP TASMANIA  
 TOTAL COUNT CONTOURS  
 SHEET 20/4340