

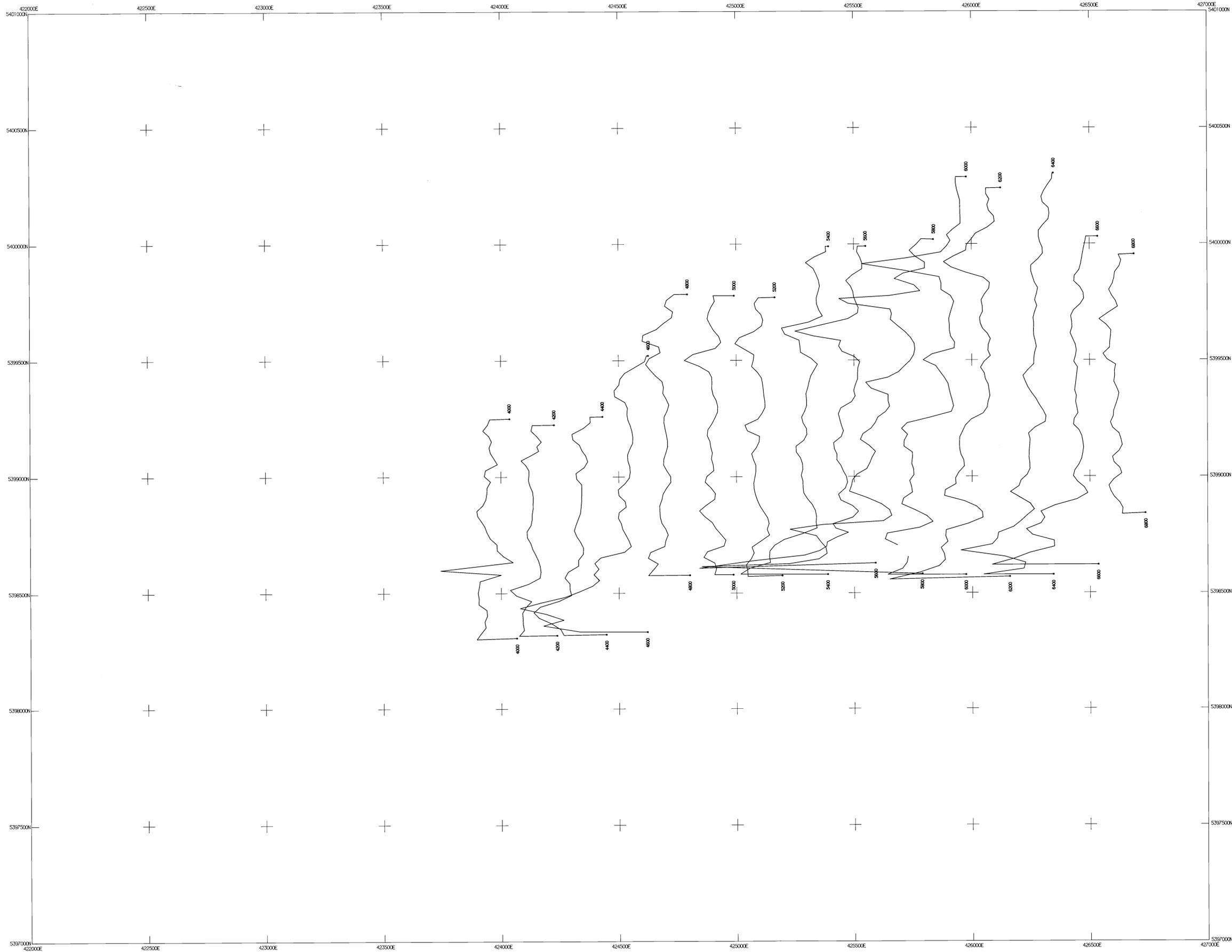
Tasmanian Mineral Exploration Company Report

Title: Tube number 34: Five Mile Rise, Lea River 1989 (EL 8/88)
Company: PlacerDome

Plans from archive store in Zeehan

Compiled by David Green 4 June 2003.

03_4906

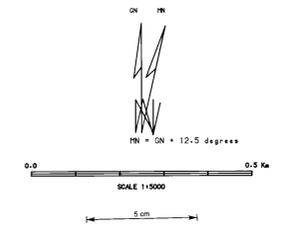


GROUND SURVEY SPECIFICATIONS

IP TRANSMITTER + Huntec 7.5 KVA
 IP RECEIVER + Huntec PM4
 STATION SPACING + 25 metres
 LINE SPACING + 200 metres
 ARRAY TYPE + Gradient
 CURRENT ELECTRODES +
 LINES 4000E-4600E + 800N, 4200E-9850N, 4200E
 LINES 4800E-5600E + 8200N, 5200E-10400N, 5200E
 LINES 5800E-6200E + 8050N, 6000E-10800N, 6000E
 LINES 6400E-6800E + 8150N, 6400E-10725N, 6400E
 RECEIVER DIPOLE LENGTH + 50 metres

APPARENT RESISTIVITY PROFILES

Grid notation refers to Australian Map Grid Zone 55
 Vertical scale +500 Ohm metres/cm
 Base value +10 Ohm metres



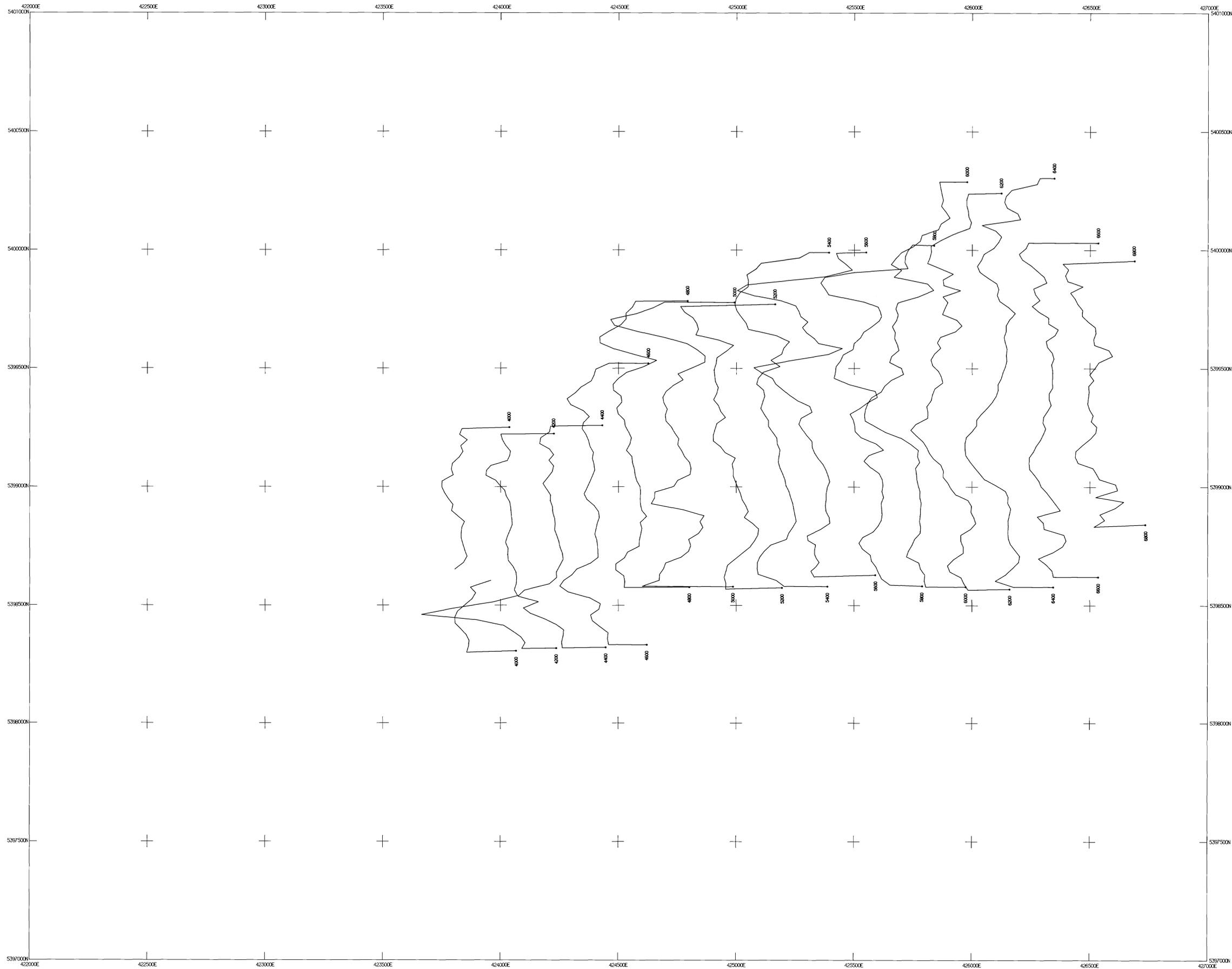
03_4906

Title Number 34, Five Mile Rise, Les River 1989 (EL.
 81998)
 Project Name Asia Pacific
 Green, D. EL81998

JOB NO + 4-133
 Surveyed by GEOTERREX PTY LTD + SEPTEMBER 1989
 Compiled by Geoterrax Pty Ltd., Sydney, NSW.
 Processed using the GEOMET line sharing system

RGC EXPLORATION PTY LTD	
GEOLOGIST +	
DRINK +	GTX
DATE +	DEC 1989
CHECKED +	STM
+25,000 REFERENCE	DETHANA LIENA
EL 8/88 TAS APPARENT RESISTIVITY PROFILES FIVE MILE RISE GRID	
5825 005	PLAN 8.

5525 005

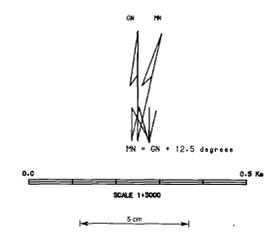


GROUND SURVEY SPECIFICATIONS

IP TRANSMITTER * Huntco 7.5 KVA
 IP RECEIVER * Huntco PR4
 STATION SPACING * 25 metres
 LINE SPACING * 200 metres
 ARRAY TYPE * Gradient
 CURRENT ELECTRODES *
 LINES 4000-4600 * 800N, 4200E-9850N, 4200E
 LINES 4800-5600 * 8200N, 5200E-10400N, 5200E
 LINES 5800-6200 * 8500N, 6000E-10800N, 6000E
 LINES 6400-6800 * 8150N, 6400E-10725N, 6400E
 RECEIVER DIPOLE LENGTH * 50 metres

TOTAL CHARGEABILITY PROFILES

Grid notation refers to Australian Map Grid Zone 55
 Vertical scale is milliseconds/metre
 Base value is 10 milliseconds



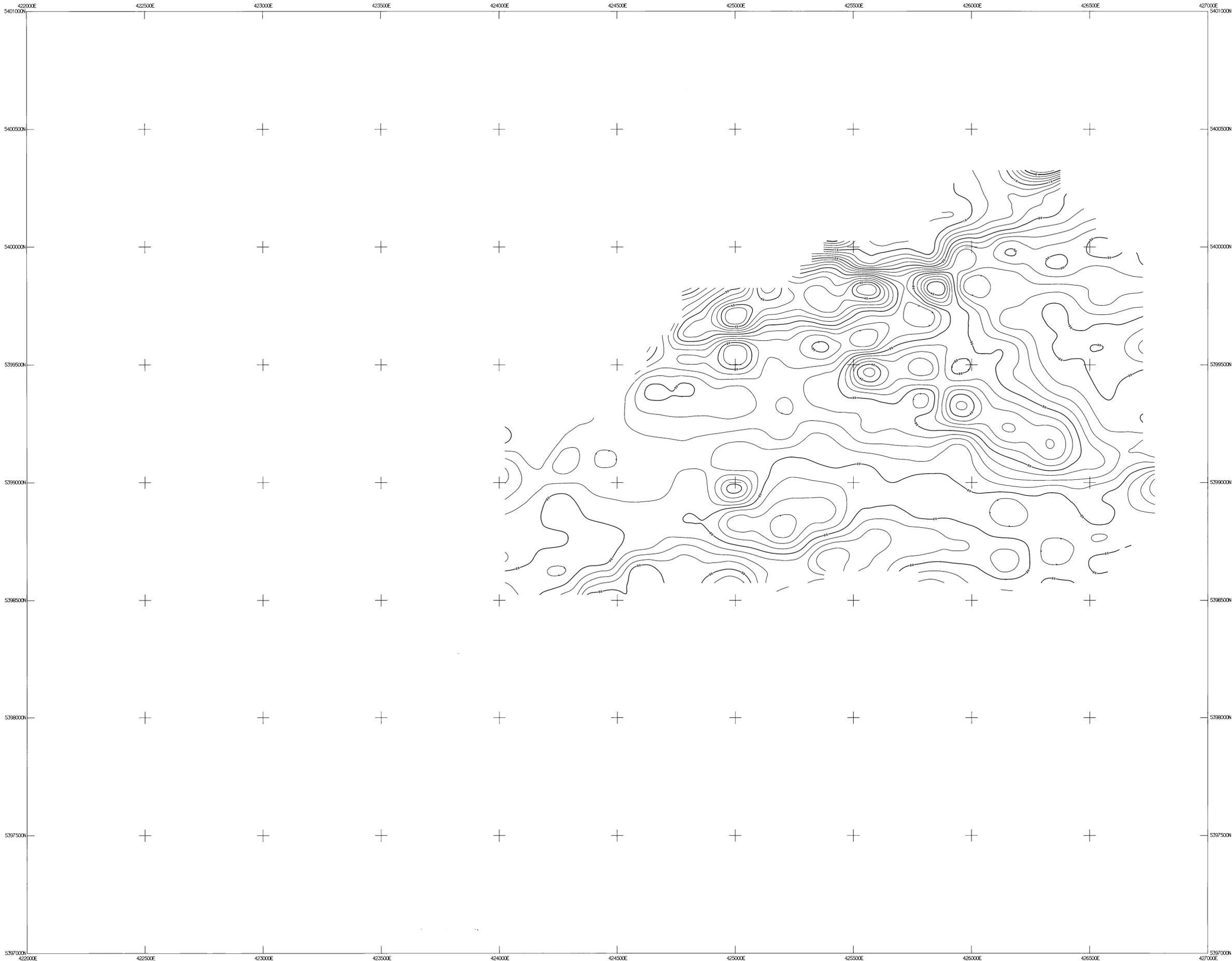
03_4906

Title Number 03, Five Mile Rise, Low River 1989 (EL 8/88)
 01/89
 Plan: Cross-Section Profile
 Drawn: D. EL/8/1989

JOB NO * 4-133
 Surveyed by GEOTERREX PTY LTD * SEPTEMBER 1989
 Compiled by Geotrex Pty Ltd., Sydney, NSW.
 Processed using the GEOMET time sharing system

RGC EXPLORATION PTY LTD	
GEOLOGIST*	
DRAWN*	GTJ
DATE*	DEC 1989
CHECKED*	STM
1:25,000 REFERENCE*	GETHANA LIENA
EL 8/88 TAS TOTAL CHARGEABILITY PROFILES FIVE MILE RISE GRID	
5525/006	PLAN 10.

5525/006

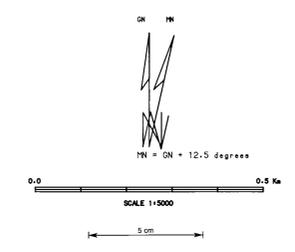


GROUND SURVEY SPECIFICATIONS

IP TRANSMITTER * Huntco 7.5 KVA
 IP RECEIVER * Huntco MK4
 STATION SPACING * 25 metres
 LINE SPACING * 200 metres
 ARRAY TYPE * Gradient
 CURRENT ELECTRODES *
 LINES 4000E-4600E * 8000N, 4200E-9850N, 4200E
 LINES 4800E-5600E * 8200N, 5200E-10400N, 5200E
 LINES 5800E-6500E * 8550N, 6000E-10800N, 6000E
 LINES 6400E-6800E * 8150N, 6400E-10725N, 6400E
 RECEIVER DIPOLE LENGTH * 50 metres

TOTAL CHARGEABILITY CONTOURS

Grid notation refers to Australian Map Grid Zone 55
 Grid mesh size 150 x 50 metres
 Grid Filter * Polynomial, radius 100 metres
 Contour interval 2.5, 10 and 50 millivolts



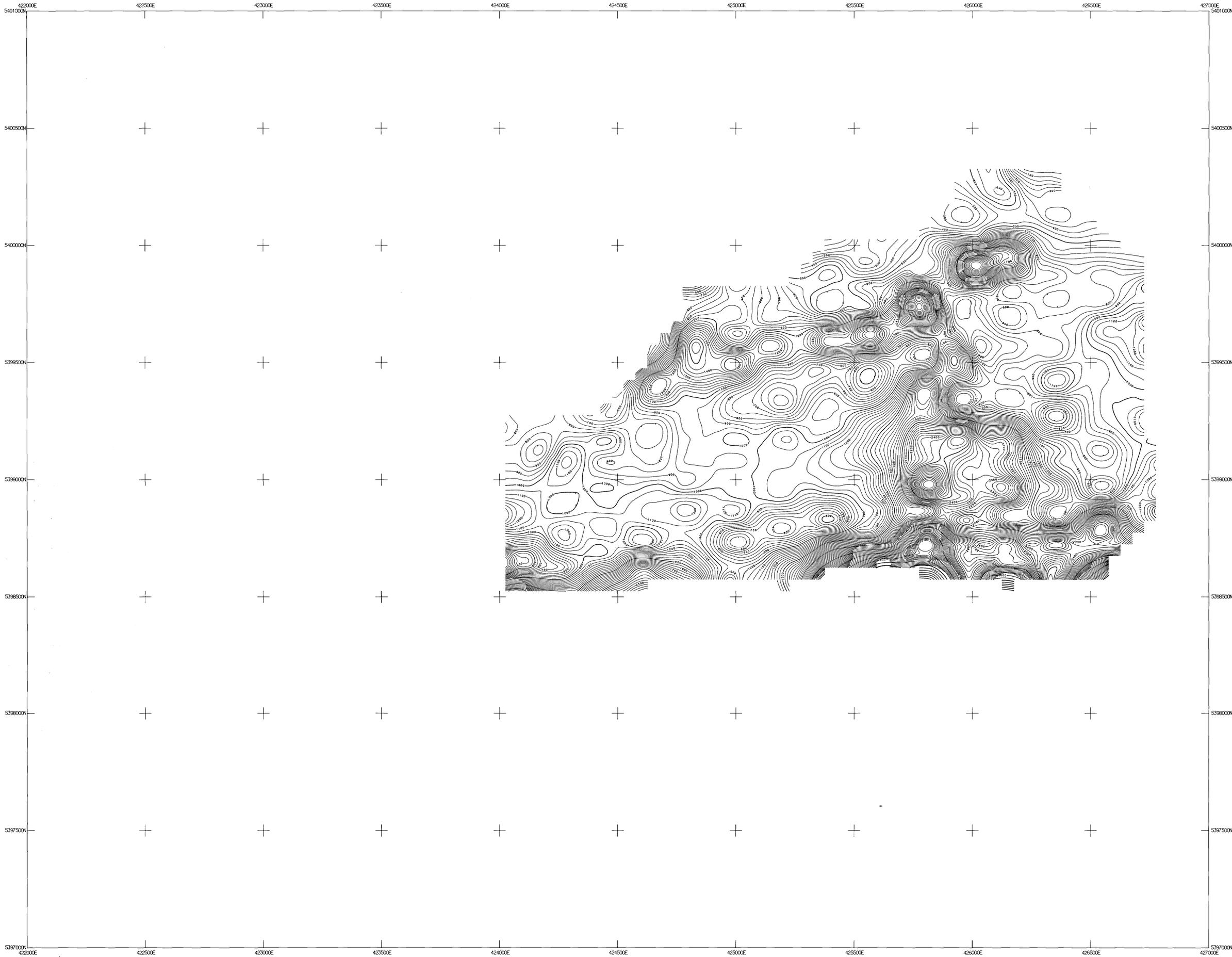
03_4906

Title Number 34: Five Mile Rise, Lee (over 1981) (EL 8/88)
 Project Name Five Mile Rise
 Date 13-DEC-89

JOB NO * 4-133
 Surveyed by GEOTERREX PTY LTD * SEPTEMBER 1989
 Compiled by Geotrex Pty Ltd., Sydney, NSW.
 Processed using the GEONET time sharing system

GEOLOGIST*		RCC EXPLORATION PTY LTD	
DRAWN*	GTX	EL 8/88 TAS	
DATE*	DEC 1989	TOTAL CHARGEABILITY CONTOURS	
CHECKED*	STM	FIVE MILE RISE GRID	
1:25,000 REFERENCE*	CE/HANA LIENA		
		5625/007	DATE* 13-DEC-89 PLAN 1L

5525/007



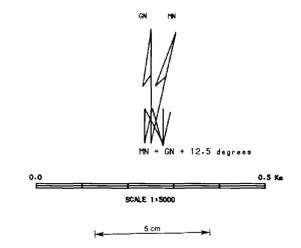
GROUND SURVEY SPECIFICATIONS

IP TRANSMITTER * Hurtec 7.5 KVA
 IP RECEIVER * Hurtec MK4
 STATION SPACING * 25 metres
 LINE SPACING * 200 metres
 ARRAY TYPE * Gradient

CURRENT ELECTRODES *
 LINES 4000E-4800E * 800N, 4200E-9850N, 4200E
 LINES 4800E-5600E * 8200N, 5200E-10400N, 5200E
 LINES 5800E-6200E * 8050N, 6000E-10800N, 6000E
 LINES 6400E-6800E * 8150N, 6400E-10725N, 6400E
 RECEIVER DIPOLE LENGTH * 50 metres

APPARENT RESISTIVITY CONTOURS

Grid notation refers to Australian Map Grid Zone 55
 Grid mesh size 150 x 50 metres
 Grid filter * Polynomial, radius 100 metres
 Contour interval 50, 500 and 5000 Ohm metres



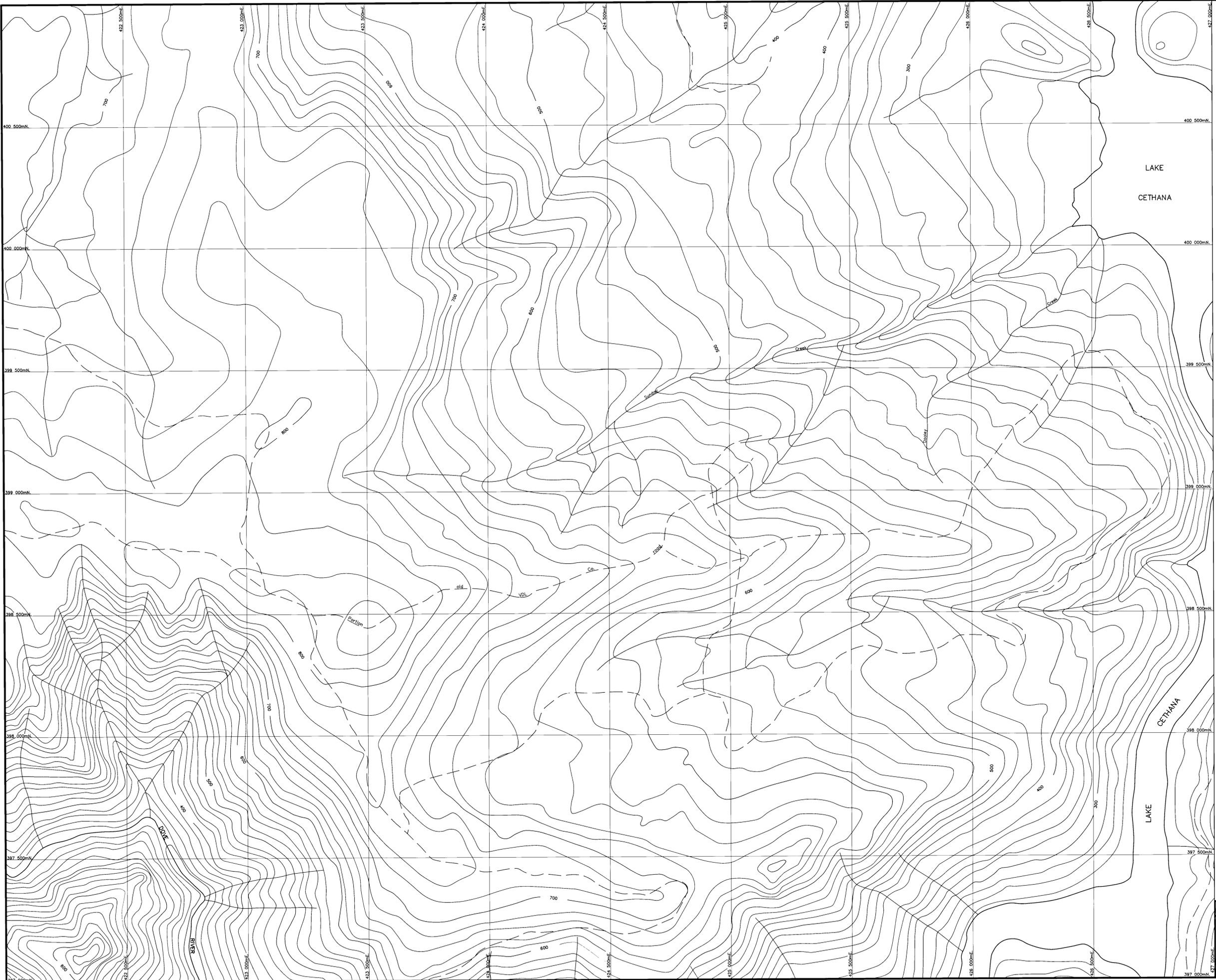
03_4906

T20 Number 34, Five Mile Rise, Lee River 1989 DEL
 8/1989
 Floor Dome Asia Pacific
 Owen D. ELB/1989

JOB NO * 4-133
 Surveyed by GEOTERREX PTY LTD * SEPTEMBER 1989
 Compiled by Geoterra Pty Ltd - Sydney, NSW.
 Processed using the SEONET line sharing system

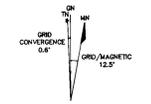
GEOLOGIST*		RGC EXPLORATION PTY LTD	
DRAWN*	GTX	EL 8/88 TAS	
DATE*	DEC 1989	APPARENT RESISTIVITY CONTOURS	
CHECKED*	STM	FIVE MILE RISE GRID	
REFERENCE*	GETHANA		
	L IENA		
		5525/008	DATE* 13-DEC-89

5525/008



03_4906

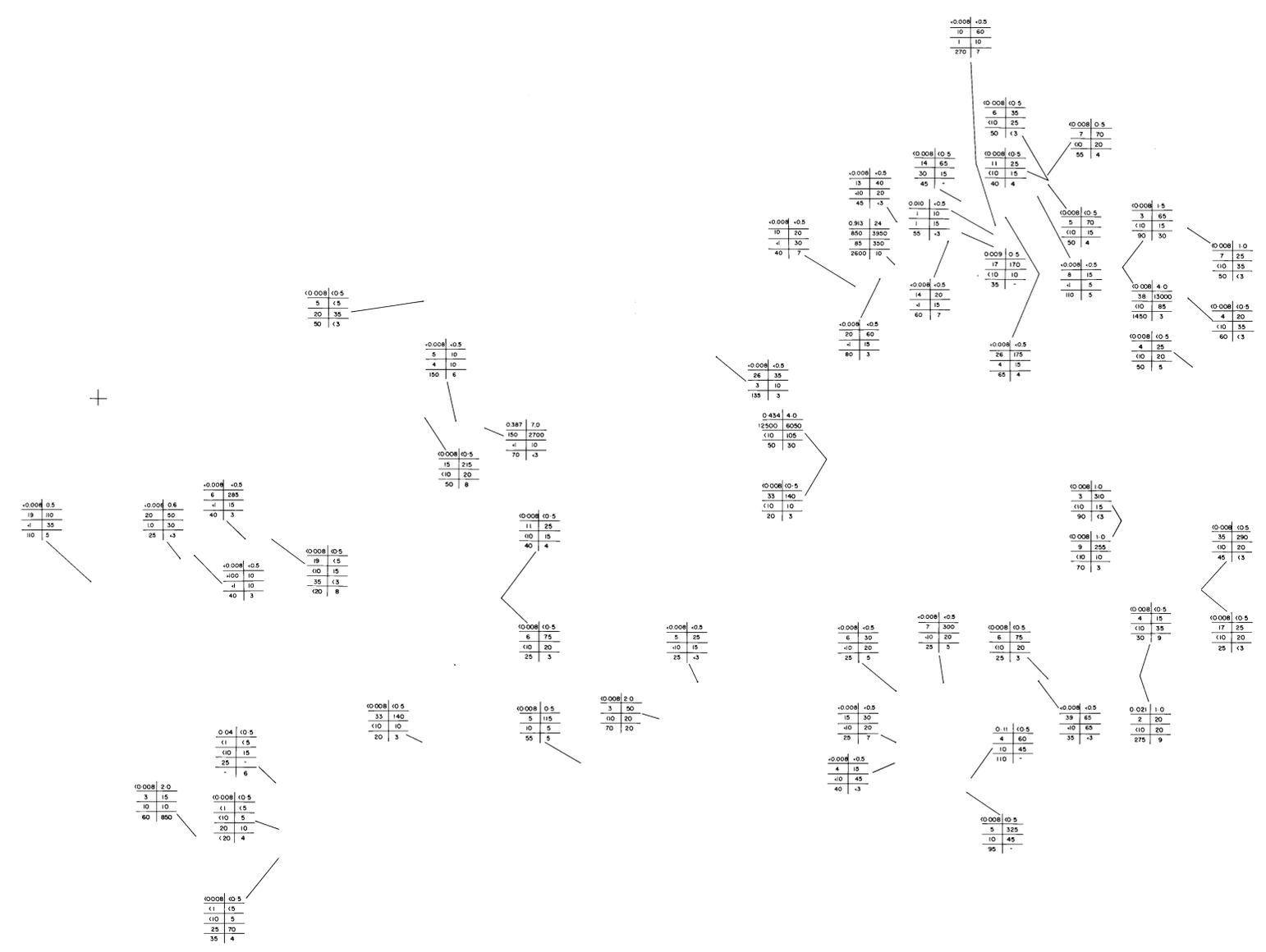
Tube Number 34, Five Mile Rise, Lea River 1989 (E.L.)
 8/1988
 Placer Dome Asia Pacific
 Green, D. E.L.1988



RGC EXPLORATION PTY. LIMITED <small>(INC. IN N.Z.)</small>	
COMPILED: C.H.C.	FIVE MILE RISE
DRAWN: M.O.W.	E.L. 8/88
DATE: SEPT 89	
CHECKED:	
1:25,000 OCEANIA WYTHAM (1:25k)	
BASE PLAN NO. 5525/001	OVERLAY PLAN NO. SCALE: 1:5,000

Five Mile Rise
1:5000
Base Sheet

5525/001



Au Ag
 As Pb
 Bi Cu
 Zn Sn
 W Mo

ORDER OF ASSAY VALUES

5 cm

03_4906

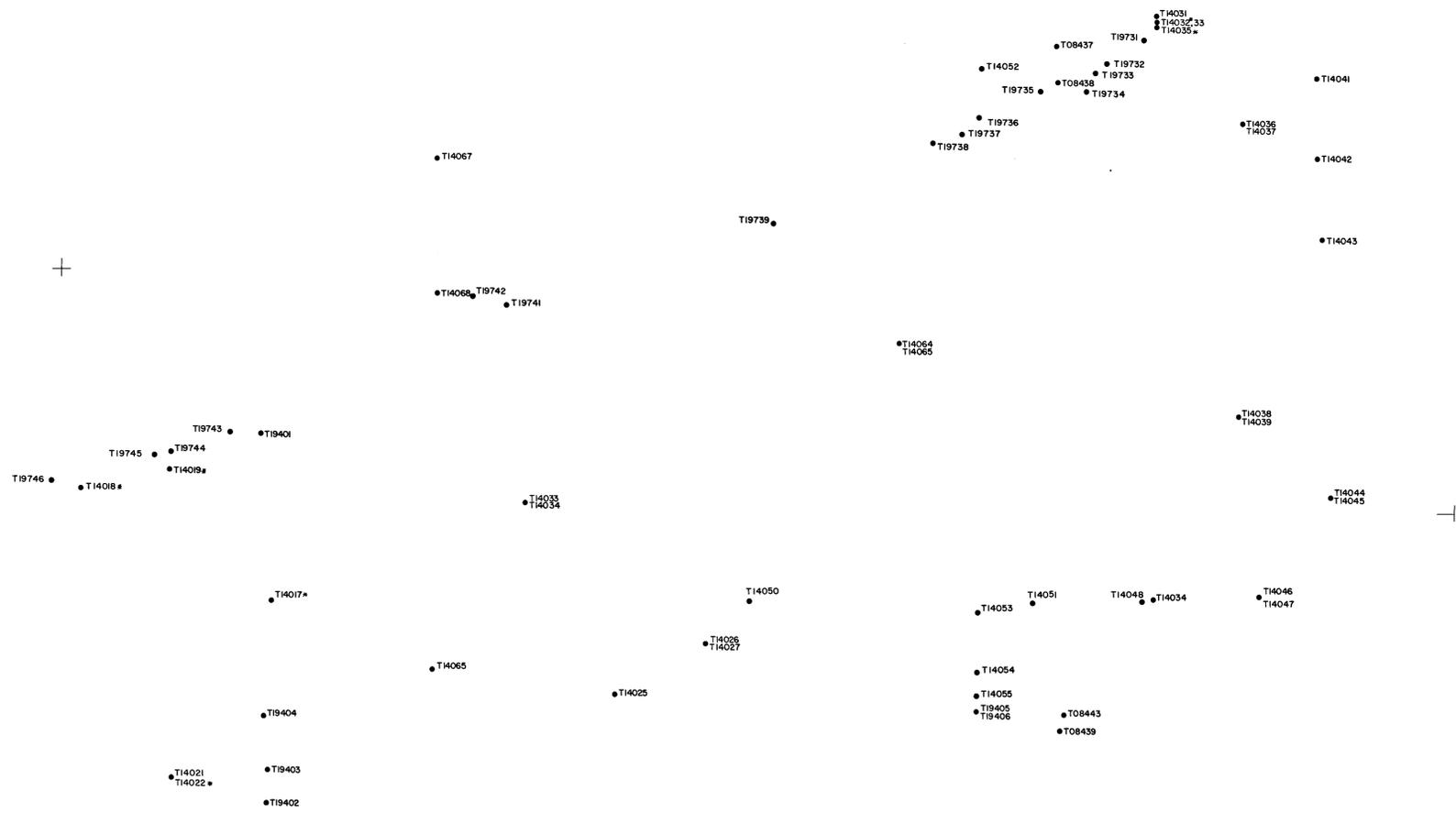
Tube Number 34, Five Mile Res., Lee River 1993 (EJL 81188)
 Pacor Dome Asia Pacific®
 Green, D. EL61998

ROCK CHIP ASSAYS

PLAN 25

Five Mile Res
 1:5000
 Assay's - Rock chip

5525/001 A



5 cm

03_4906

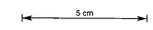
Tube Number 31- Five Mile Rise, Lea River 1989 (EL 811988)
 "Pacer Dome Asia Pacific"
 Green, D. EL811988

• SPECIMEN SAMPLES



GEOLOGICAL REFERENCE

- TERTIARY Tb Basaltic extrusives
 - LATE CAMBRIAN TO EARLY ORDOVICIAN Om Orthoquartzite and sandstone locally bioturbated minor siliceous siltstone
 - CAMBRIAN Cu Undifferentiated (unmapped) felsic volcanics
 - Cg Biotite hornblende granodiorite/adamellite (Dove granite)
- Geological boundary
 - ~ Trace of unconformity
 - ↘ Strike/dip of bedding

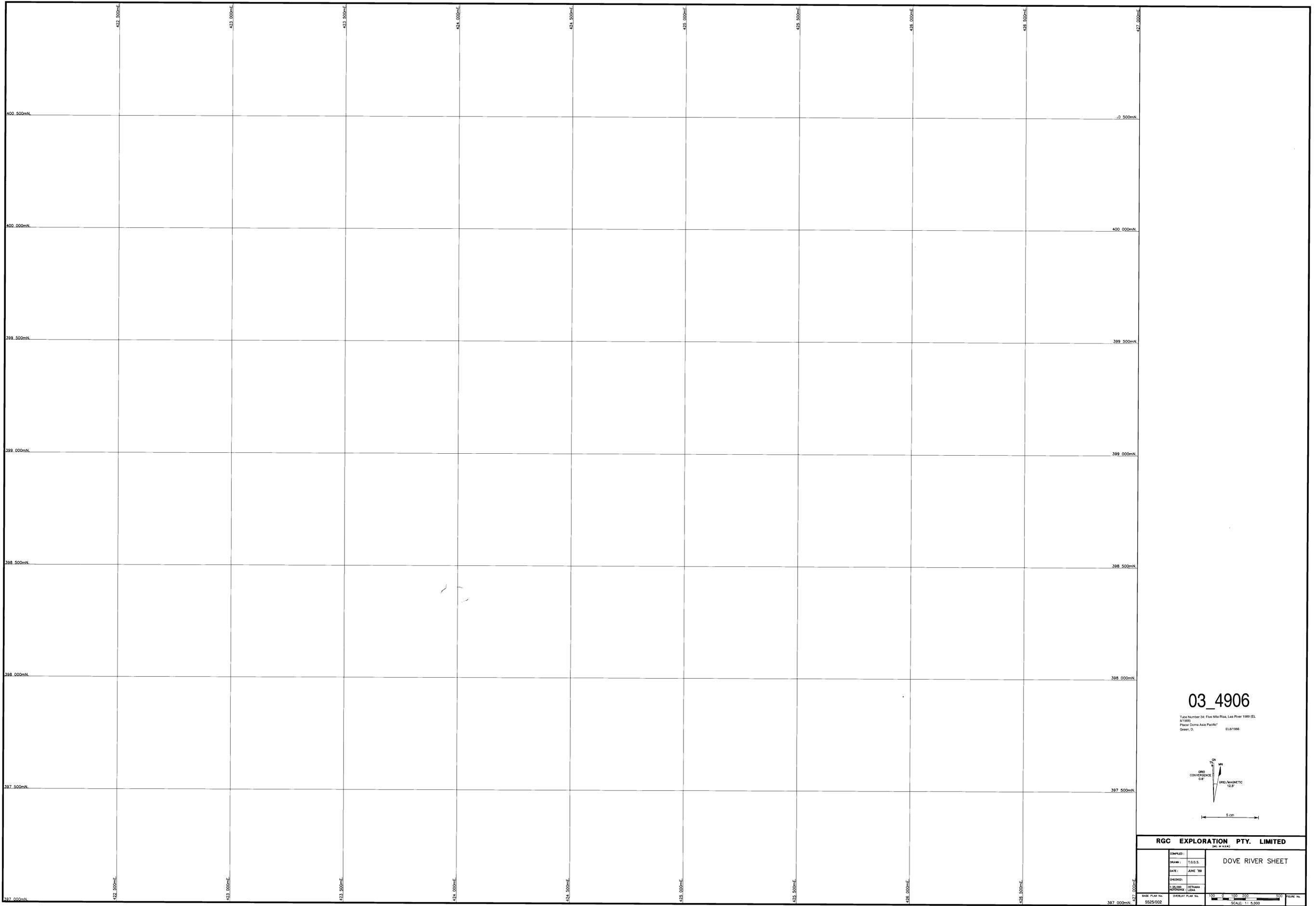


03_4906

Tube Number 54, Five Mile River, Lee River 1989 (EL 9/1989)
 Fraser Dome Area Pacific
 Green, D. EL/9/1988

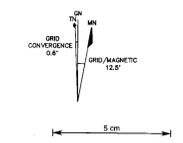
Five Mile River
 Galapagos Interop
 1:5000

5525/001 C



03_4906

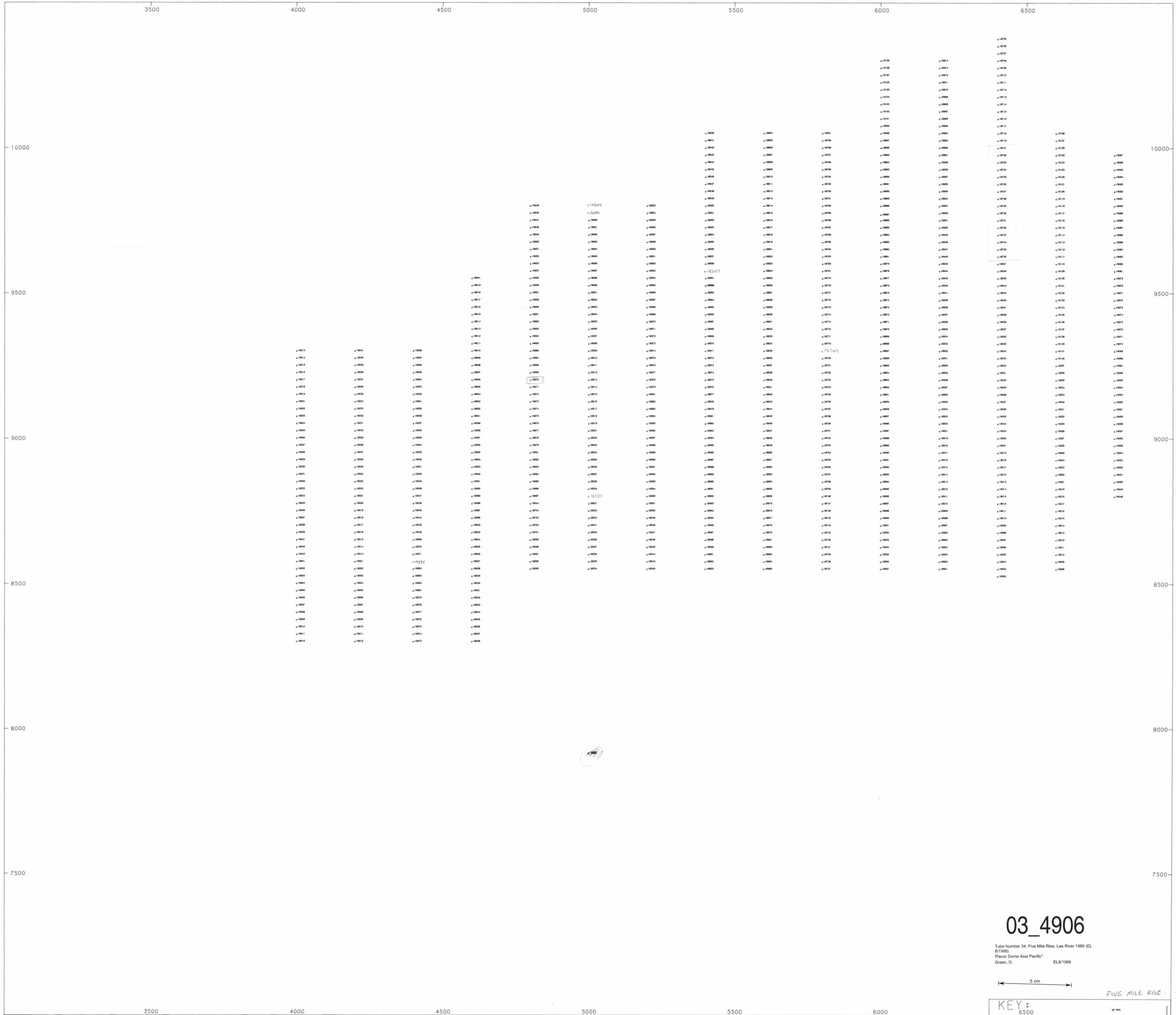
Tube Number 34: Five Mile Rise, Lao River 1989 (EL. 51198)
 "Plexis Dornis Asia Pacific"
 Drawn: D. EL81988



RGC EXPLORATION PTY. LIMITED <small>(INC. IN N.Z.)</small>													
<table border="1"> <tr> <td>COMPILED:</td> <td></td> </tr> <tr> <td>DRAWN:</td> <td>T.G.D.S.</td> </tr> <tr> <td>DATE:</td> <td>JUNE '89</td> </tr> <tr> <td>CHECKED:</td> <td></td> </tr> <tr> <td>DESIGNED:</td> <td>CENANA</td> </tr> <tr> <td>PERFORMED:</td> <td>LOA</td> </tr> </table>	COMPILED:		DRAWN:	T.G.D.S.	DATE:	JUNE '89	CHECKED:		DESIGNED:	CENANA	PERFORMED:	LOA	<p>DOVE RIVER SHEET</p>
COMPILED:													
DRAWN:	T.G.D.S.												
DATE:	JUNE '89												
CHECKED:													
DESIGNED:	CENANA												
PERFORMED:	LOA												
BASE PLAN No. 5525/002	OVERLAY PLAN No. 100												
<p>SCALE: 1:5,000</p>													

Five Mile Rise
 1:5000
 AM6. CAD. BASE.

5525/002



03_4906

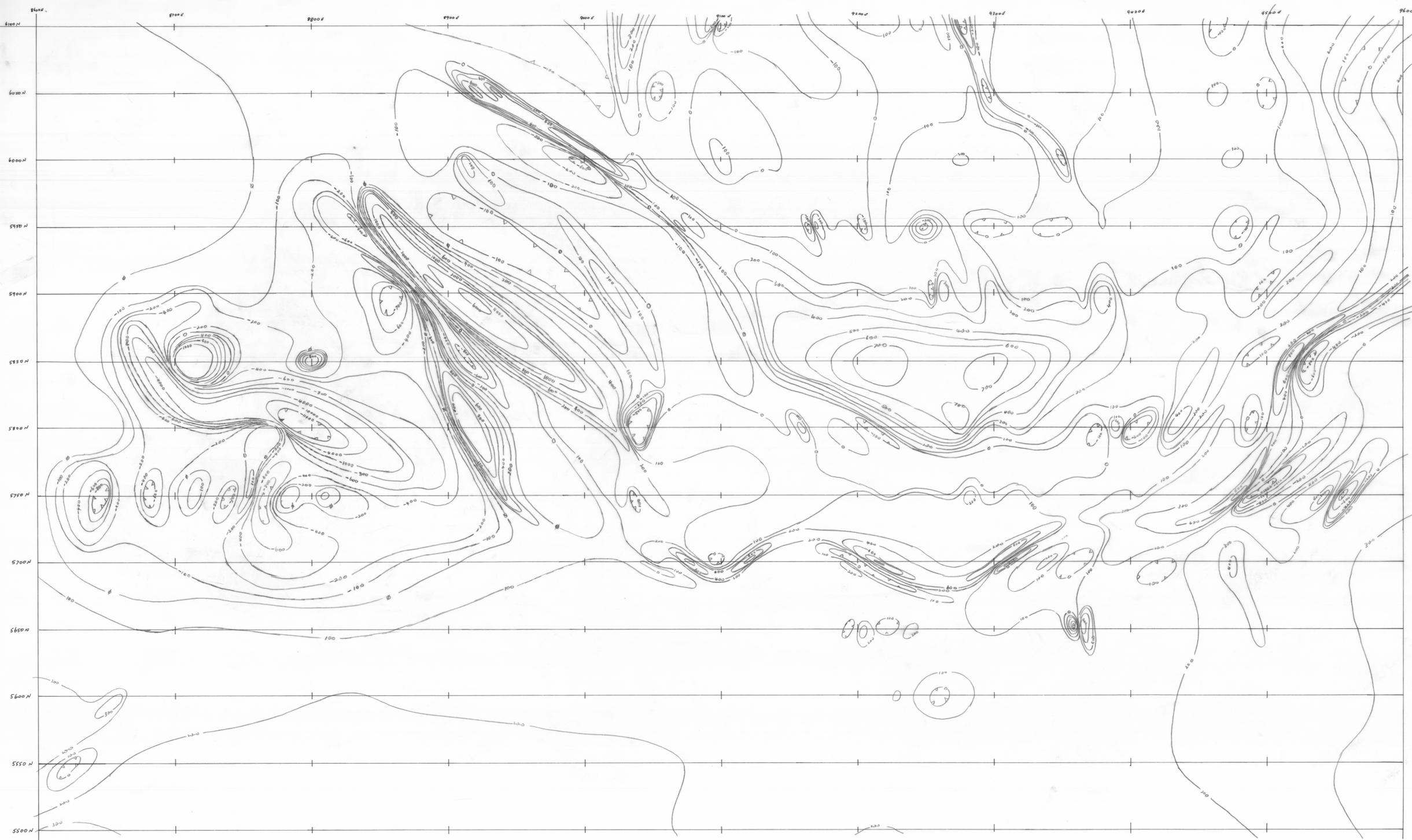
Tube Number 34: Five Mile Rise, Lea River 1989 (EL 811988)
 Placer Dome Asia Pacific*
 Green, D. EL81988

5 cm

KEY
 6500

FIVE MILE RISE

5525/003



Contour Interval:
100 nT, except where shown.

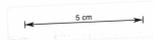
R.G.C. EXPLORATION Pty. Ltd.
LAKE LEA (STANDARD) PROSPECT
Surface Magnetometer Survey
Smoothed data contours. (T.M.I.)

Scale 1:1000
500/1000

Figure 2.

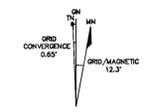
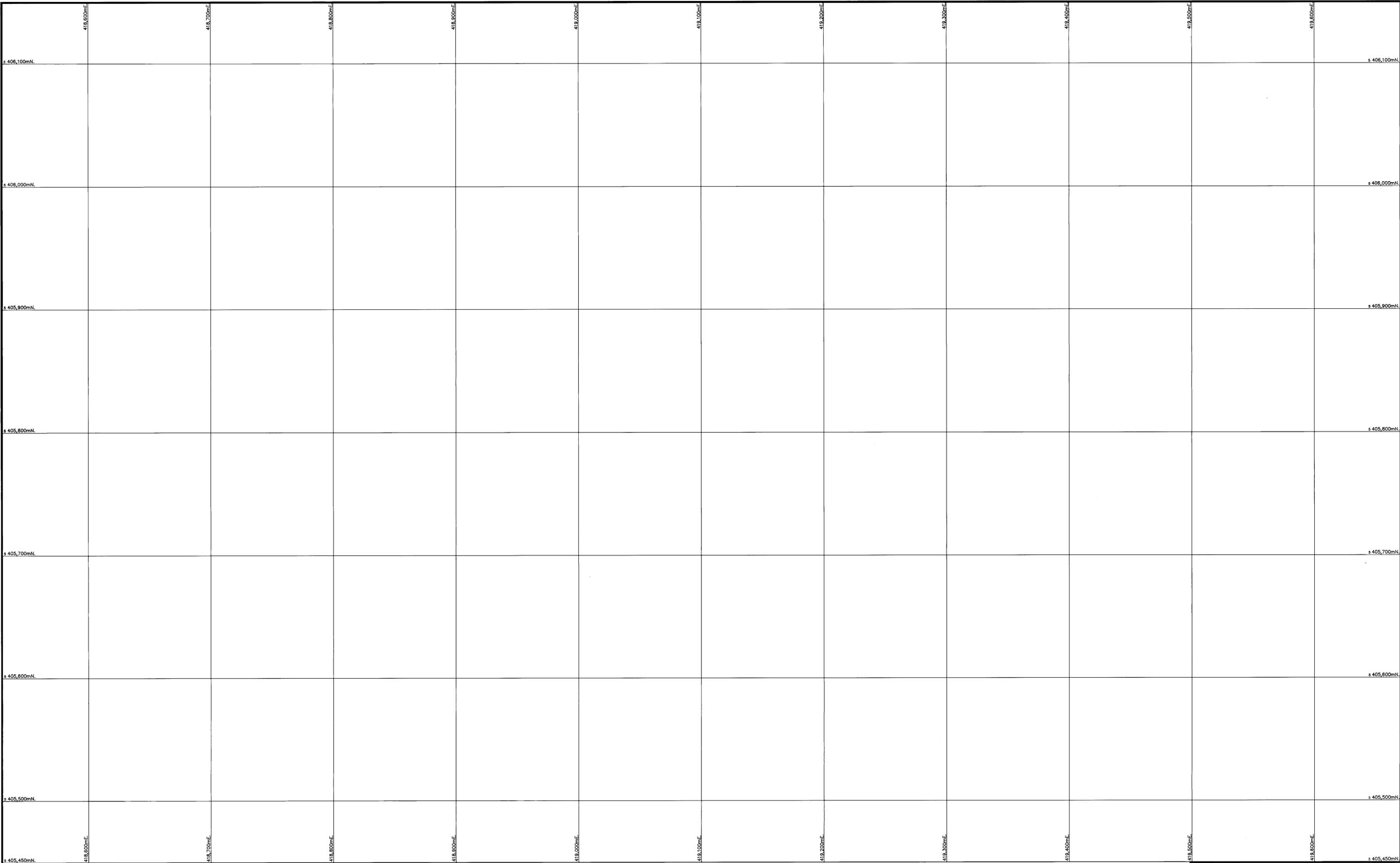
PLAN 2.

03_4906



Tube Number 34 Five Mile Rise, Lea River 1989 (EL
871988)
Pinner Dome Asia Pacific
Green, D. EL81988

513/002

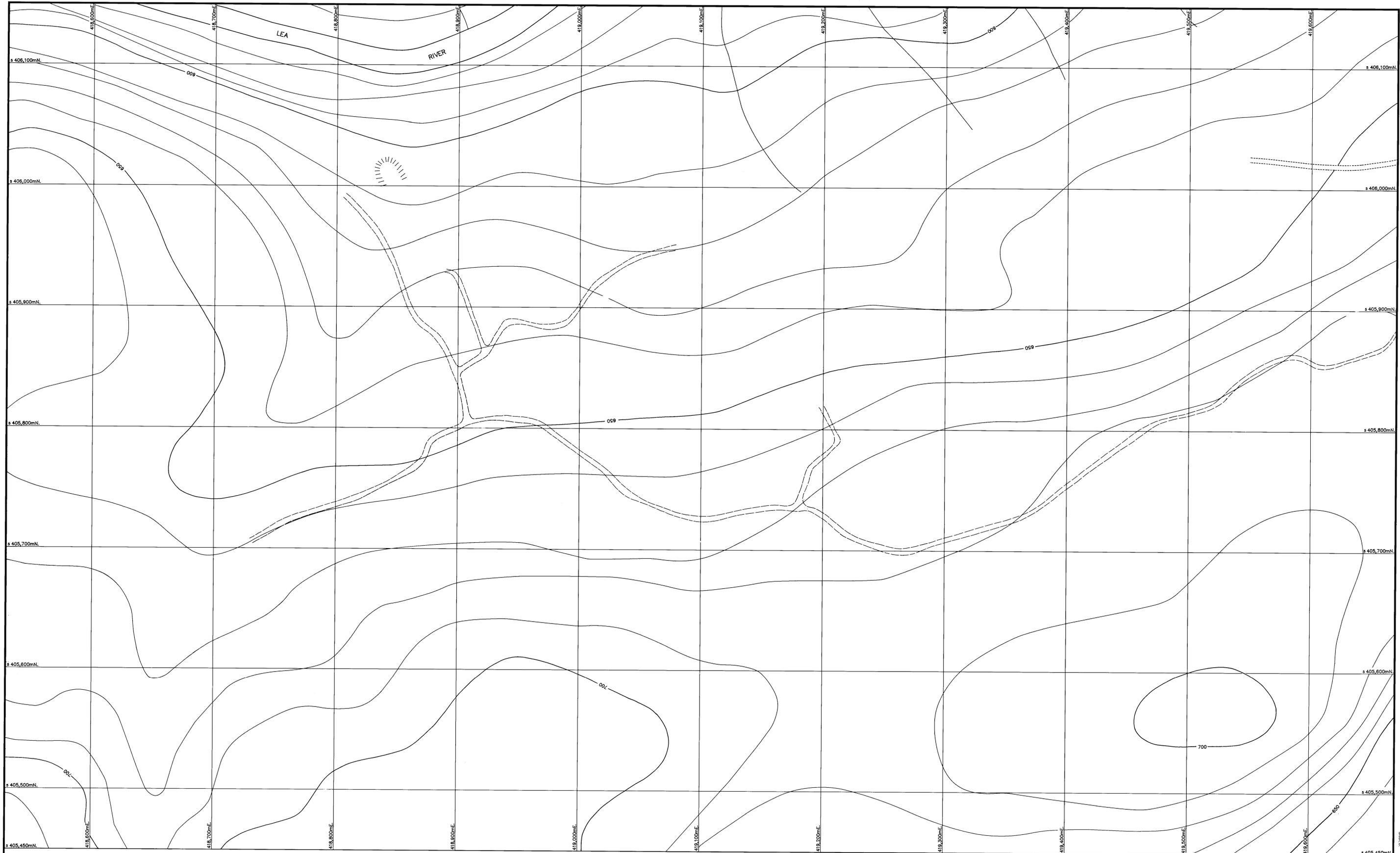


RGCEXPLORATION PTY. LIMITED <small>(INC. IN N.S.W.)</small>	
LEA RIVER AREA	
COMPLETED:	
DRAWN:	T.O.D.S.
DATE:	
CHECKED:	
LEGEND:	LEA
BASE PLAN No.	OVERLAY PLAN No.
5513/003	

Title Number: 5513/003
 Drawn: D. J. ...
 Date: ...
 Scale: 1:1,000

03_4906

5513/003

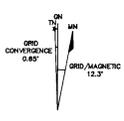


RGC EXPLORATION PTY. LIMITED
(INC. IN S.A.S.)

LEA RIVER AREA

COMPLETED: _____ DRAWN: _____ DATE: _____ CHECKED: _____ REFERENCE: LEA	SCALE 1:1,000
---	-------------------

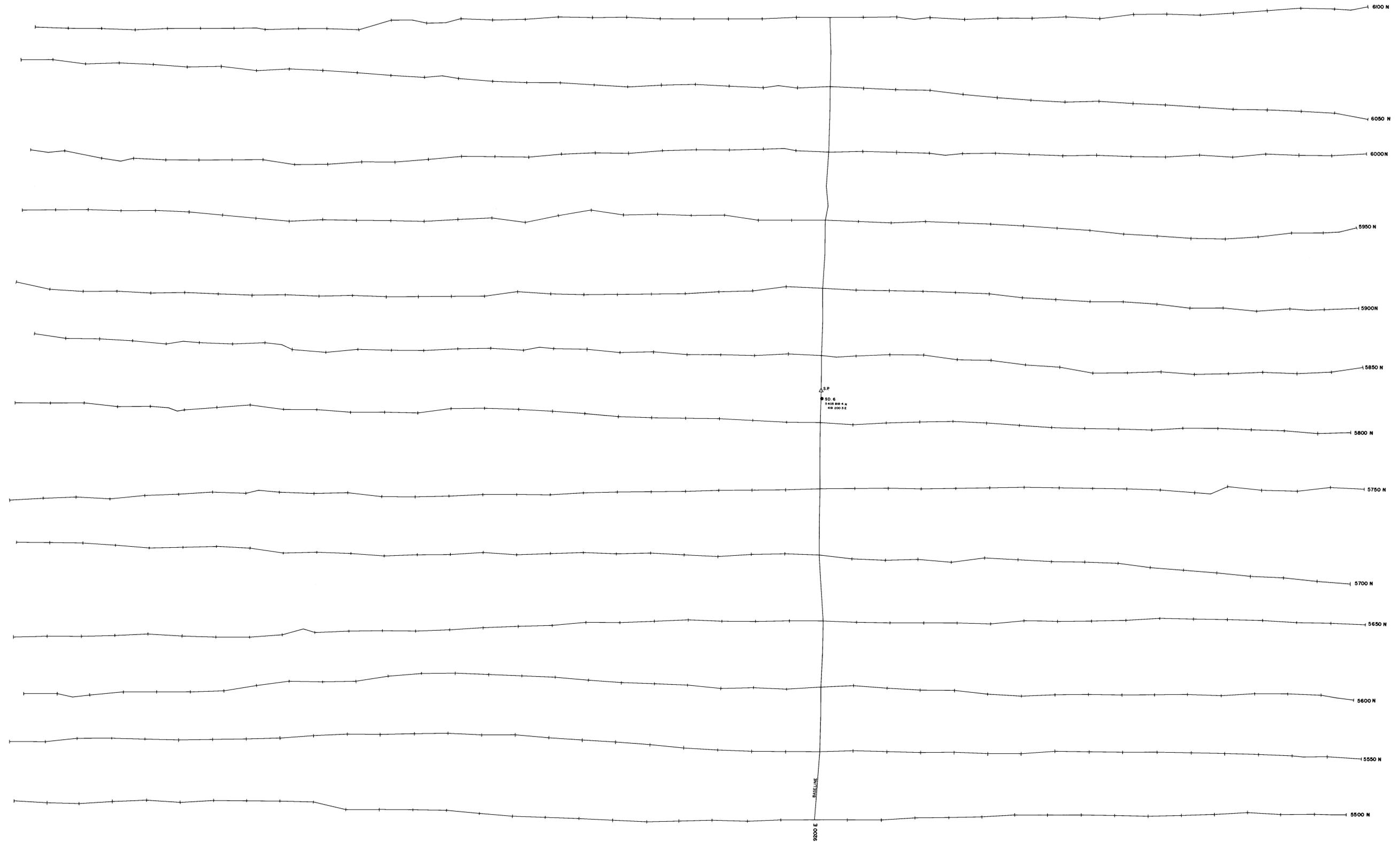
BASE PLAN No. 5513/004 OVERLAY PLAN No. _____

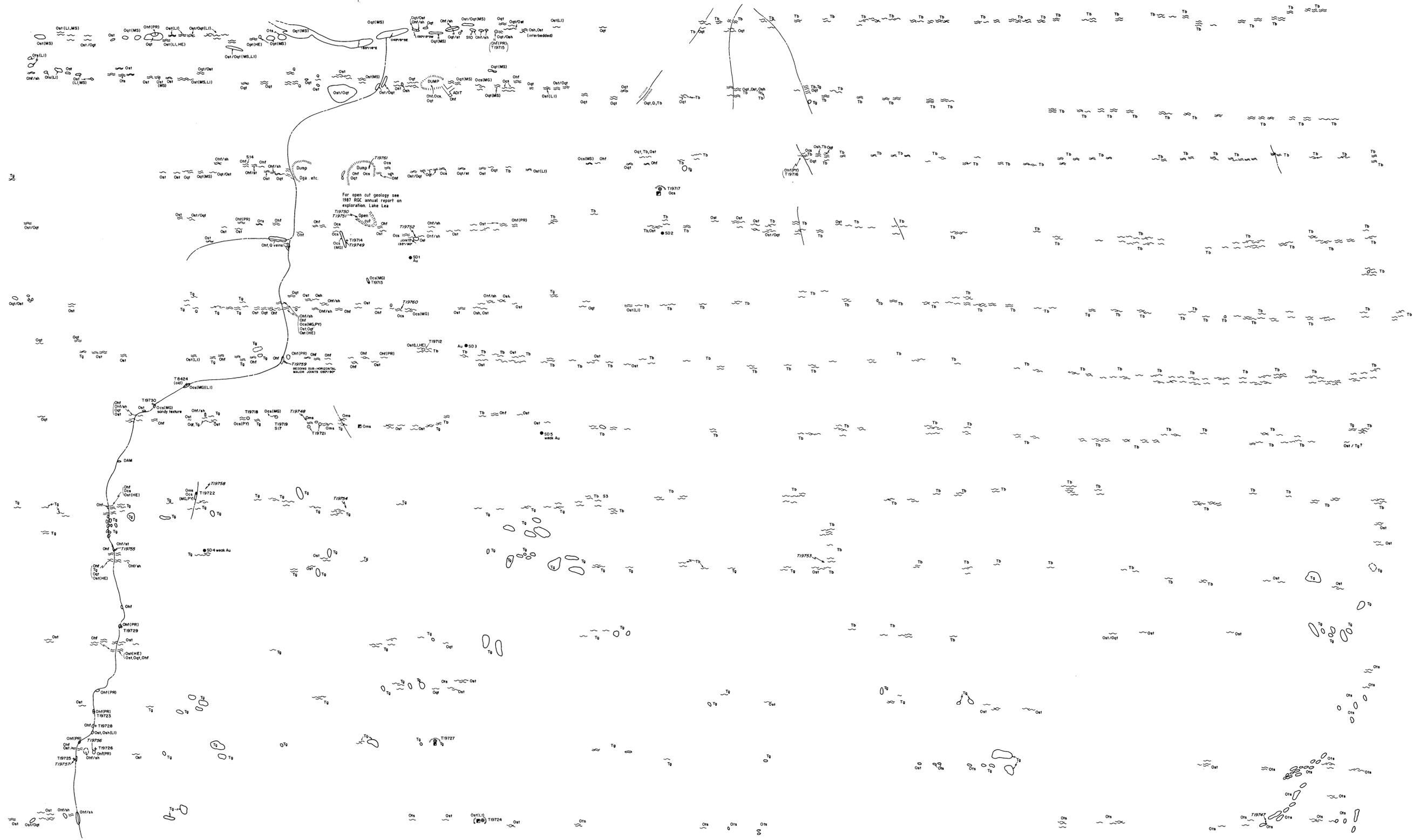


Total Number of Plans: 100
 Drawn: _____
 Checked: _____
 Date: _____

03_4906

5513/004





TERTIARY

- Tb Basalt
- Tg Greywacke

ORDOVICIAN

Skarn Rocks (Gordon Limestone)

- Ocs Calc silicate hornfels/skarn, ± magnetite ± pyrite
- Oms Magnetite skarn
- Ogs Garnet actinolite skarn

Transitional Rocks

- Ohrs Hornfelsic shale
- Ohs Hornfelsic sandstone
- Omf Hornfels light-green to grey silicified ± pyrrhoite ± pyrite

ORDOVICIAN

Molau Sandstone

- Ost Weakly limonitic, silicified quartz sandstone
- Oqt Quartzite, (intense silicification of Ost)
- Omo Moderately intense silicification of Ost
- Ots Tubular quartz sandstone (contains sub-vertical worm burrows)
- Osh Shale

Other Rocks

- Oq Massive milky white "bucky" quartz

Alteration/Mineralisation

- (L) - Limonitic
- (MS) - Sericitic
- (HE) - Hematitic
- (PR) - Pyrrhoite
- (PY) - Pyrite
- (MG) - Magnetite

LEGEND

- Rock outcrop boundary
- Rock sub-outcrop boundary
- ~ Rock float
- ~ Creek
- Shaft
- Strike/Dip, prominent jointing
- + Rock-chip (outcrop) sample
- Dump, composite sample
- Rock float sample
- T19754 Specimen Sample
- SD1 Previous Diamond Drill Hole

Sample Numbers T19712 - T19730

03_4906

Tube Number 34: Five Mile Run, Les River 1959 (EL 811988)
 "Rocks Come Asia Pacific"
 Green, D. ELS1988

M.W.
 M.O.W.
 DEC. 1989

FACTUAL GEOLOGY



PLAN 6

5513/004 C



QUATERNARY		TERTIARY		CENOZOIC		STRUCTURAL		SYMBOLS	
Qa	Alluvium/Soil	Tb	Basalt	Skarn (Gordon Limestone)	Approximate geological boundary	●	Sample Location	SD 001	Diamond Drill Hole and Downhole Geology
Ohf	Hornfels (Transitional Rocks)	Tg	Greyblity	Om	Inferred geological boundary	●	DIAMOND DRILL HOLE DRILLED 1990		
Om	Moins Sandstone			Q	Fault - Strike/Dip				
Q	Massive white quartz				Inferred Fault				
					Fold axis - Syncline				
					Fold axis - anticline				

03_4906

Tube Number 34: Five Mile Rise, Lee River 1989 (EL. 87086)
Pacer Dome Asia Pacific
Greer, D. EL81988

M.W.
M.O.W.
DEC. 1989

INTERPRETED GEOLOGY

E.L. 41/83



PLAN 4.

5513/004 B

0.008	2
15	30
115	0.5
2	6

0.008	2
15	30
155	0.7
1	1

0.308	1
15	1100
105	2.8
2650	98

0.008	2
10	35
170	0.5
282	

0.010	4
15	25
210	0.5
97	313

0.008	88
10	25
180	0.5
1	13

0.008	17
10	25
75	0.5
17	59

0.008	5
65	35
125	0.5
720	150

0.009	24
40	30
110	0.5
870	149

0.042	16
65	35
125	0.5
380	104

0.042	27
250	50
600	0.5
620	206

0.008	15
10	25
75	0.6
2	7

0.008	17
15	125
125	0.5
7	7

0.021	41
5	5
80	0.5
11	5

0.008	100
15	15
130	0.5
11	6

0.008	15
10	40
125	0.6
1	8

0.008	11
5	15
20	0.6
11	4

0.008	78
30	115
105	0.5
38	8

Au	AN
Cu	PH
Zn	AG
Bi	SH

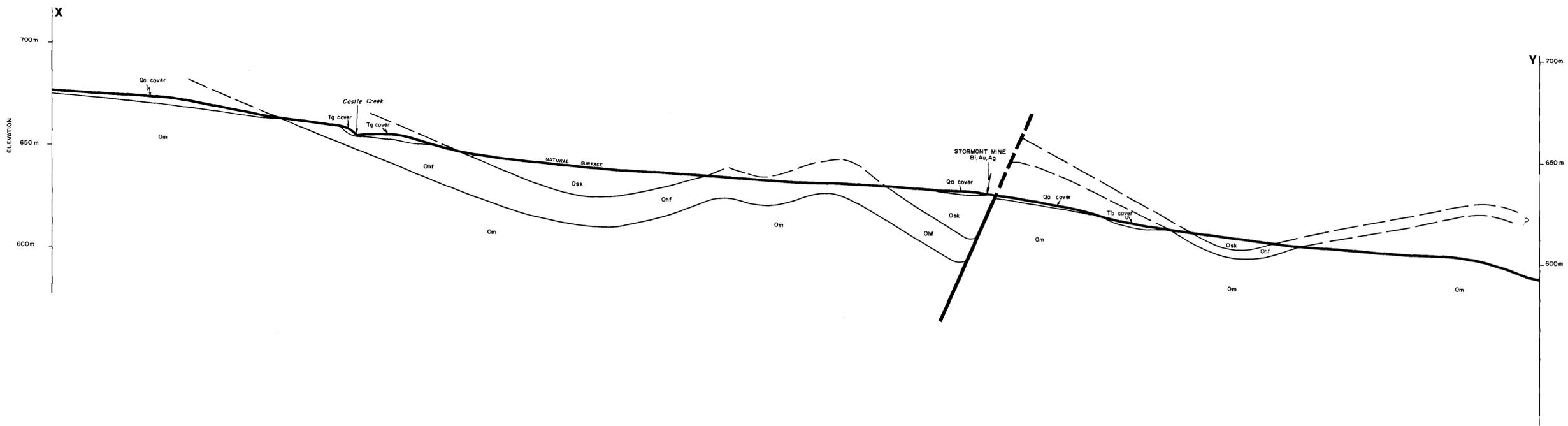
ORDER OF ASSAYS

03_4906

Tube Number 34: Five Mile Rise, Lea River 1989 (EL 811989)
 Placer Dome Asia Pacific
 Green, D. EL811988

ROCK CHIP ASSAYS





- LEGEND**
- QUATERNARY [Qa] Alluvium
 - TERTIARY [Tb] Basalt
 - [Tg] Greyblity
 - ORDOVICIAN [Osk] Skarn (Gordon Limestone)
 - [Ohf] Hornfels (Transitional Rocks)
 - [Om] Molina Sandstone
 - Fault
 - - - Inferred geological boundary

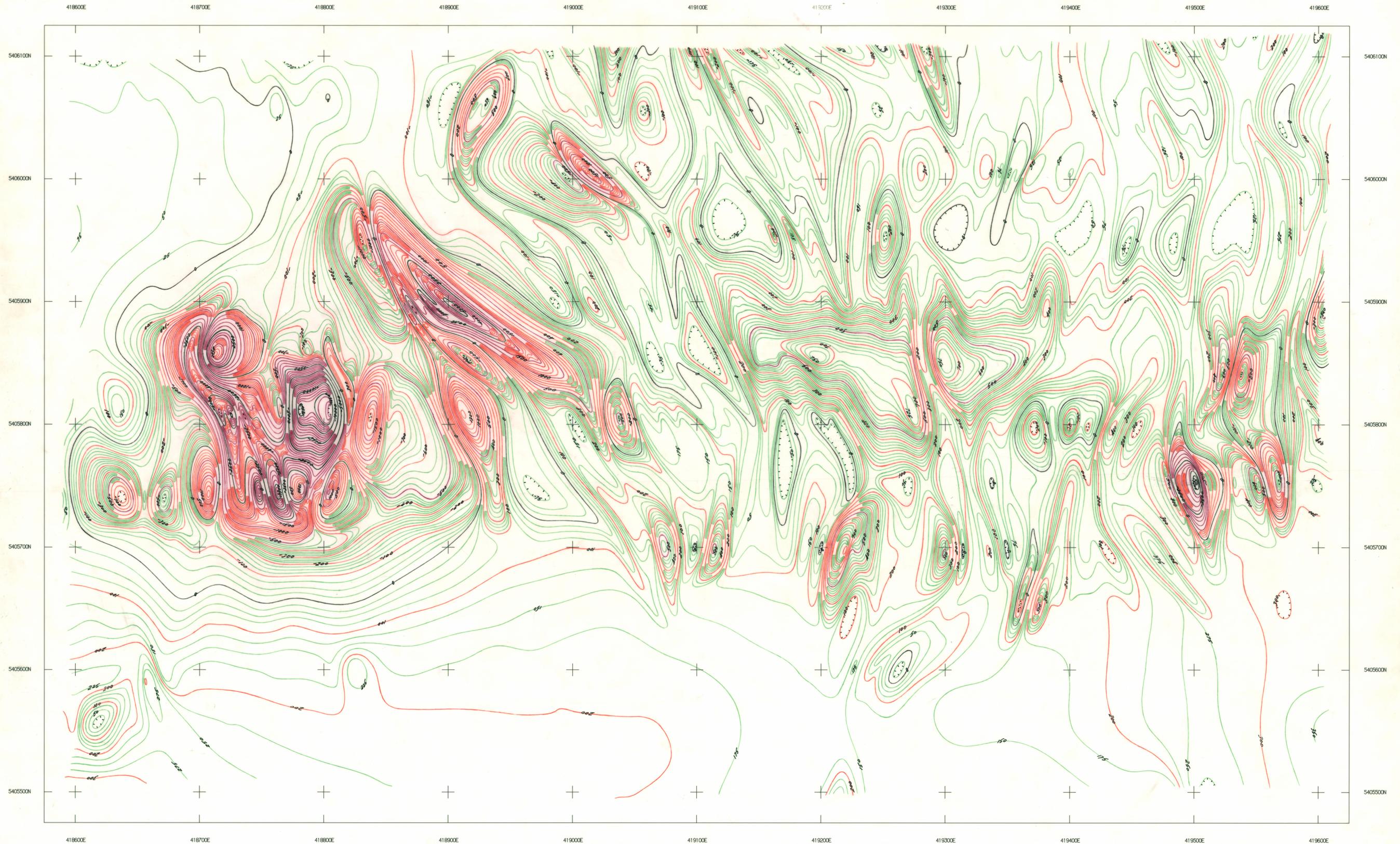
5 cm

03_4906

Tube Number 34: Five Mile Rise, Lea River 1989 (EL 8/1988)
Placer Dome Asia Pacific*
Green, D. EL8/1988

RGC EXPLORATION PTY. LIMITED INCORPORATED IN NEW SOUTH WALES	
COMPILED	M. J. W.
DRAWN	M. O. W.
DATE	DEC. 1989
CHECKED	
1:250,000 REFERENCE	
BASE PLAN No. 5513/005	SCALE 1:1000
OVERLAY PLAN No.	

LEA RIVER AREA - STORMONT
X-Y CROSS SECTION
INTERPRETED GEOLOGY



GROUND SURVEY SPECIFICATIONS

MAGNETOMETER : GSM-18 proton precession
 Sensitivity : 0.1 nT
 5 metres
 DATA RECORDING : Digitally within the magnetometer
 LINE SPACING : 50 metres
 BASE STATION : GSM-18 proton precession
 Sensitivity : 0.1 nT
 DATA RECORDING : Digitally within the magnetometer
 every 15 seconds

RESIDUAL MAGNETIC CONTOURS

Grid notation refers to Australian Map Grid Zone 55
 Profile filter 13 point triangular
 Contour interval 25nT

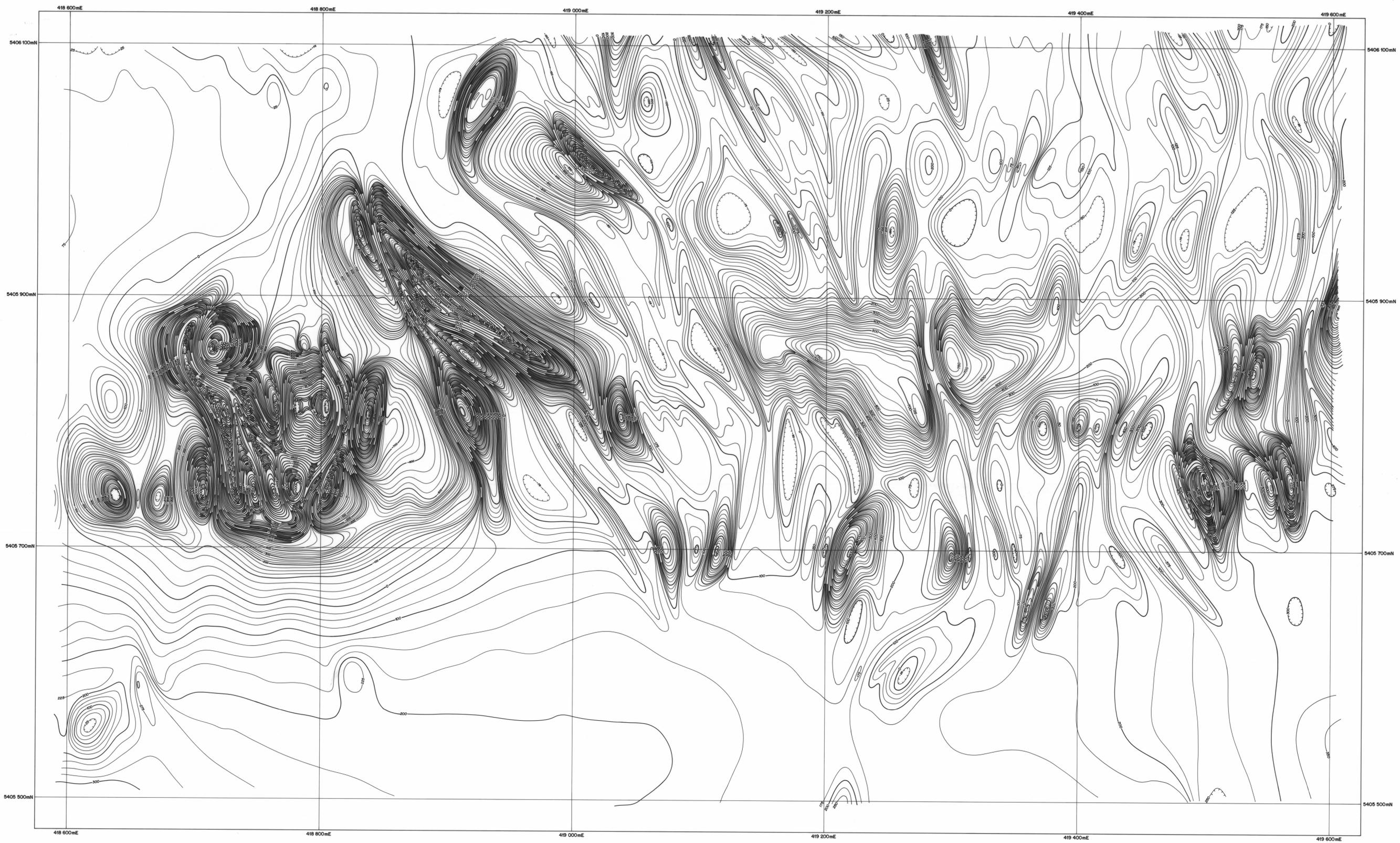


0.0 500 1000
 Scale 1:1000
 PN = GN + 12.3 degrees 0.1 Km

JOB NO : 5-148
 Surveyed by Highland Exploration Pty Ltd • OCT 1989
 Compiled by Geotrex Pty Ltd., Sydney, NSW.
 Manually contoured by Southlands Geophysical Services

03-4906

RGC EXPLORATION PTY LTD	
REOLOGIST :	
DRAWN :	GTx
DATE :	NOV 1989
CHECKED :	STH
1:25,000	LEA
REFERENCE :	
EL 8/88 TAS RESIDUAL MAGNETIC CONTOURS STORMONT GRID	



GROUND SURVEY SPECIFICATIONS

MAGNETOMETER: GSM-18 PROTON PRECESSION
 SENSITIVITY: 0.1 nT
 STATION SPACING: 5.0 METRES
 DATA RECORDING: DIGITALLY WITHIN THE MAGNETOMETER
 LINE SPACING: 50.0 METRES
 BASE STATION: GSM-18 PROTON PRECESSION
 SENSITIVITY: 0.1 nT
 DATA RECORDING: DIGITALLY WITHIN THE MAGNETOMETER
 EVERY 15.0 SECONDS

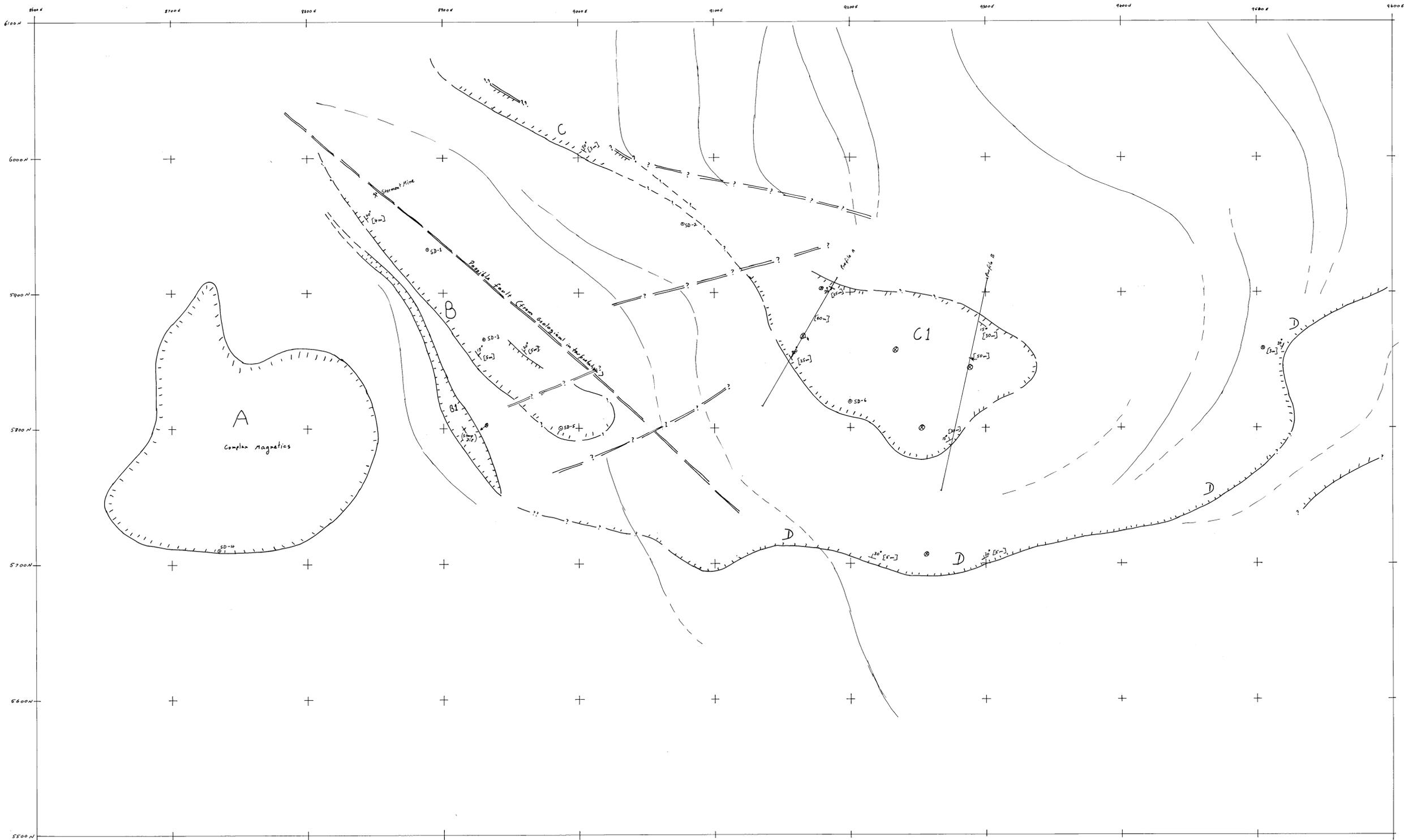
RESIDUAL MAGNETIC CONTOURS

GRID NOTATION REFERS TO AUSTRALIAN MAP GRID ZONE 55
 PROFILE FILTER: 5 POINT TRIANGULAR
 CONTOUR INTERVAL: 25 nT



03-4906

RGC EXPLORATION PTY. LIMITED <small>Incorporated in New South Wales</small>	
COMPILED: GEOTERREX	E.L. 41/83 - TASMANIA
DRAWN: D.E.K.A.	STORMONT GRID
DATE: NOV, 1989	RESIDUAL MAGNETIC CONTOURS
CHECKED: S.T.M.	
1:250 000 REFERENCE	
BASE PLAN NO: 5513/007	SCALE 1:1000
OVERLAY PLAN NO:	PLAN 1



- Reference
- x Mine
 - SD-x Drill Hole
 - x10° Dip interpolated from magnetics } Approximate!
 - [50-] Depth - " " }
 - ⊙ Recommended drill hole location
 - magnetic trend/continuation
 - ⊕ Magnetic anomaly zones (interpolated)
 - == Possible fault
 - Profile x Magnetic profile from contours.

03-4906
 R.G.C. Exploration Pty. Ltd.
 LARK LEA (STORMONT) PROSPECT
 GEOPHYSICAL INTERPRETATION PLAN

5 cm
 Scale 1:1000

5513/001
 Figure 3.
 PLAN 3.