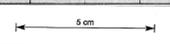
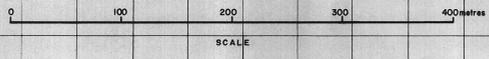




NOTE
 1. Contour interval 500gammas
 2. Instrument Scintrex MF 2 Fluxgate Magnetometer measures vertical component of field
 3. Readings taken every 25m along north-south lines which are spaced at 25m or 50m or 100m as indicated.

COMALCO LIMITED
 221670 E.L.774 TASMANIA 78 1500
 "MOINA"- SHEET 2
 IRIS RIVER AREA
 FLUXGATE MAGNETIC CONTOURS
 IN GAMMAS 2461
 (vertical component of field)

Compiled: R. Pollock Revised: P.A. Sept 1977 Drawn: M. Attwell
 Date: October, 1976 Scale: 1:2,500 Drg No: TAS-76-50

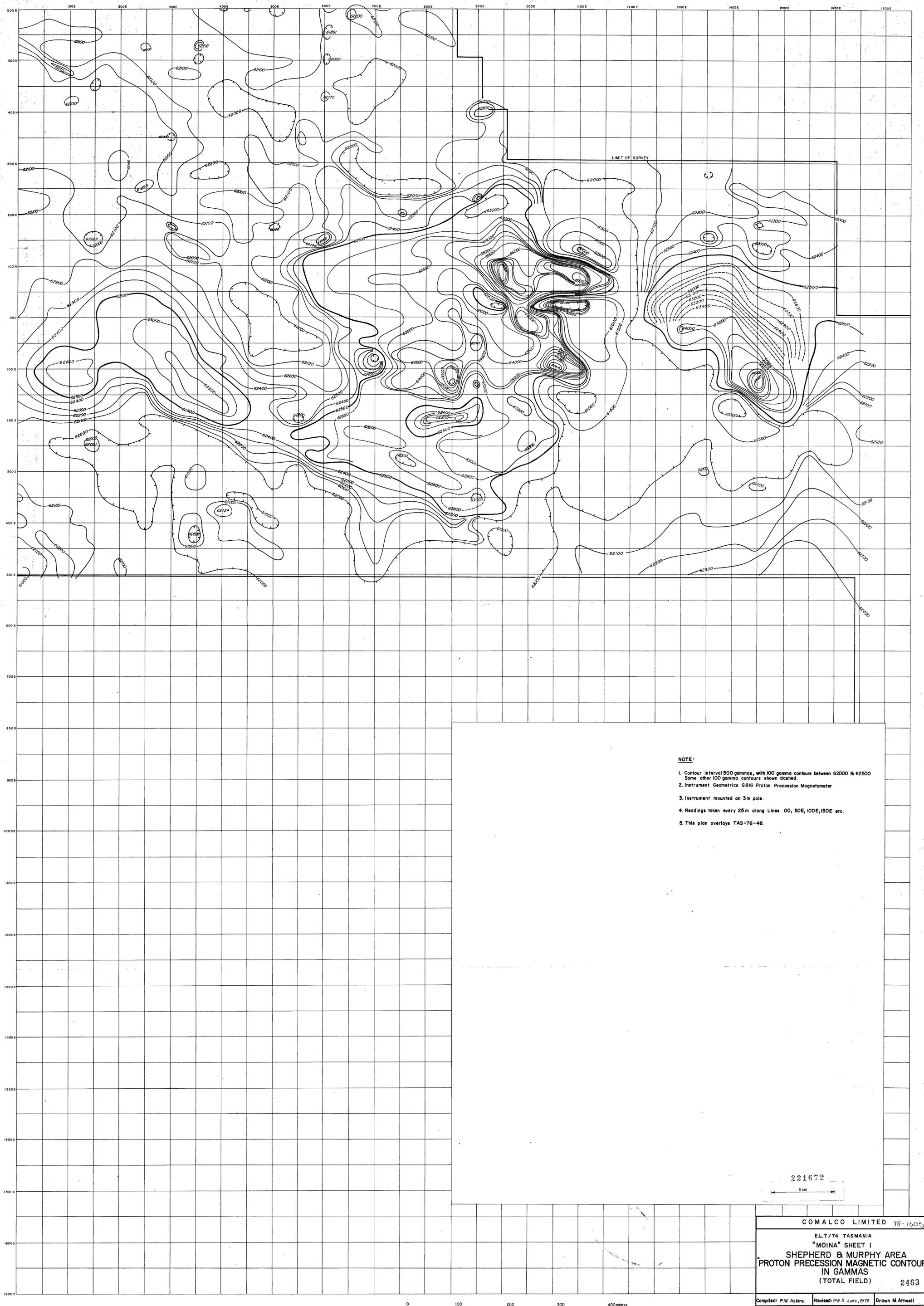




NOTE
 1. Contour interval 500 gammas
 2. Instrument Scintrex MF 2 Fluxgate Magnetometer measures vertical component of field
 3. Readings taken every 25m along north-south lines which are spaced at 25m or 50m as indicated.
 2E1674

COMALCO LIMITED
 E.L. 7/74 TASMANIA
 "MOINA" SHEET 3
 LEA RIVER - STORMONT AREA
 FLUXGATE MAGNETIC CONTOURS
 IN GAMMAS
 24C2
 (Vertical component of field)

Compiled: R. Pollock Revised: P.A. Sept 1977 Drawn: M. Attwell.
 Date October, 1976 Scale 1:2,500 Drg No TAS-76-49



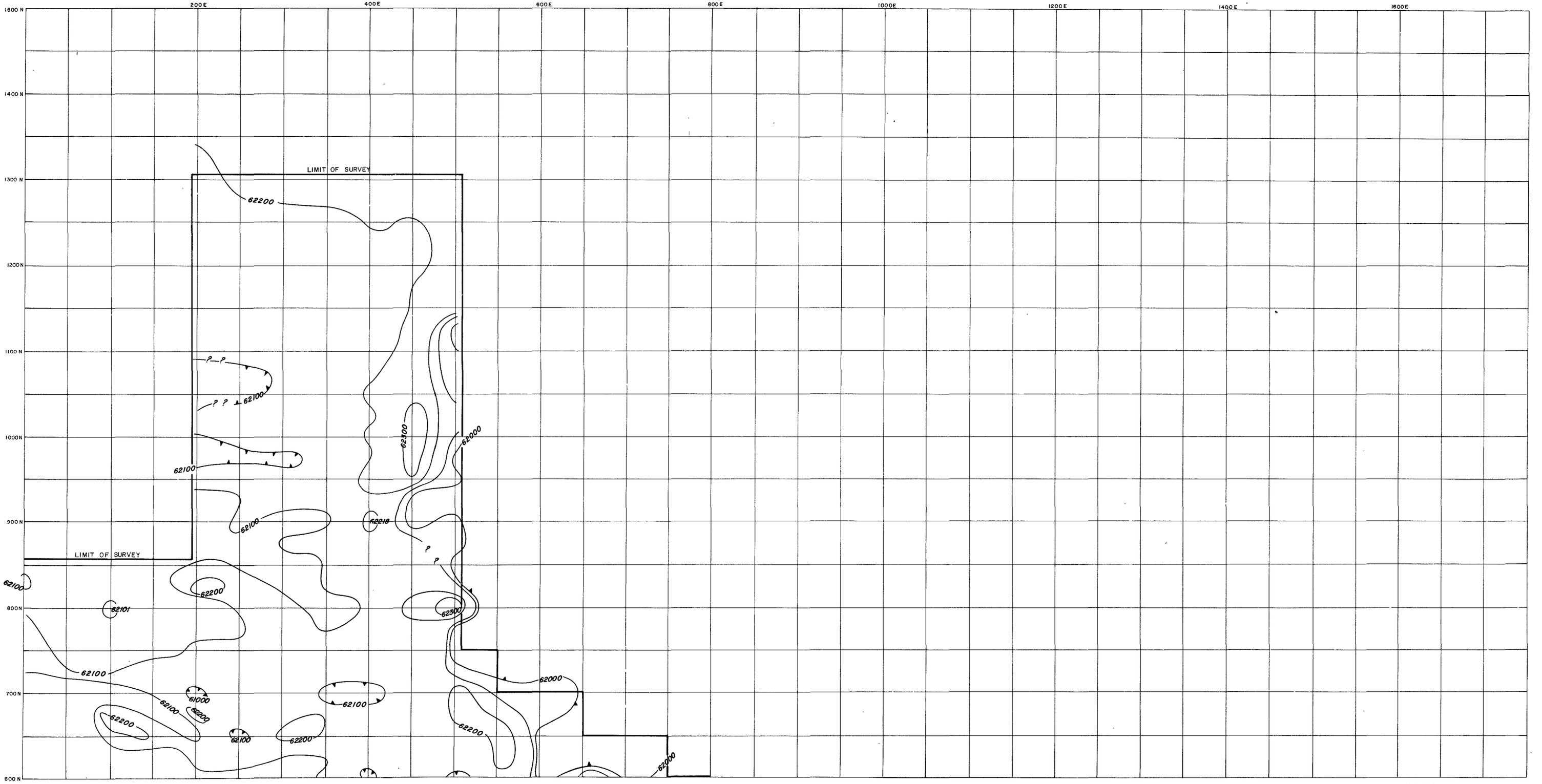
- NOTE:**
1. Contour interval 500 gammas, with 100 gamma contours between 62000 & 62500. Some other 100 gamma contours shown dashed.
 2. Instrument Geometrics G816 Proton Precession Magnetometer
 3. Instrument mounted on 3m pole.
 4. Readings taken every 25m along Lines 00, 50E, 100E, 150E etc.
 5. This plan overlays TAS-76-46.

221672
5cm

COMALCO LIMITED 78-1305
EL7/74 TASMANIA
"MOINA" SHEET I
SHEPHERD & MURPHY AREA
PROTON PRECESSION MAGNETIC CONTOURS
IN GAMMAS
(TOTAL FIELD) 2463

Compiled: P.W. Askins. Revised: PW A. June, 1978. Drawn: M. Attwell
Date: October, 1977. Scale: 1:2,500. Drg No: TAS-77-78

0 100 200 300 400 metres
SCALE



- NOTE:
- 1 Contour interval 100 gammas
 - 2 Instrument Geometrics GB16 Proton Precession Magnetometer
 - 3 Instrument mounted on 3m pole.
 - 4 Readings taken every 25m along Lines 00,50E,100E,150E etc
 - 5 This plan overlays TAS-77-65

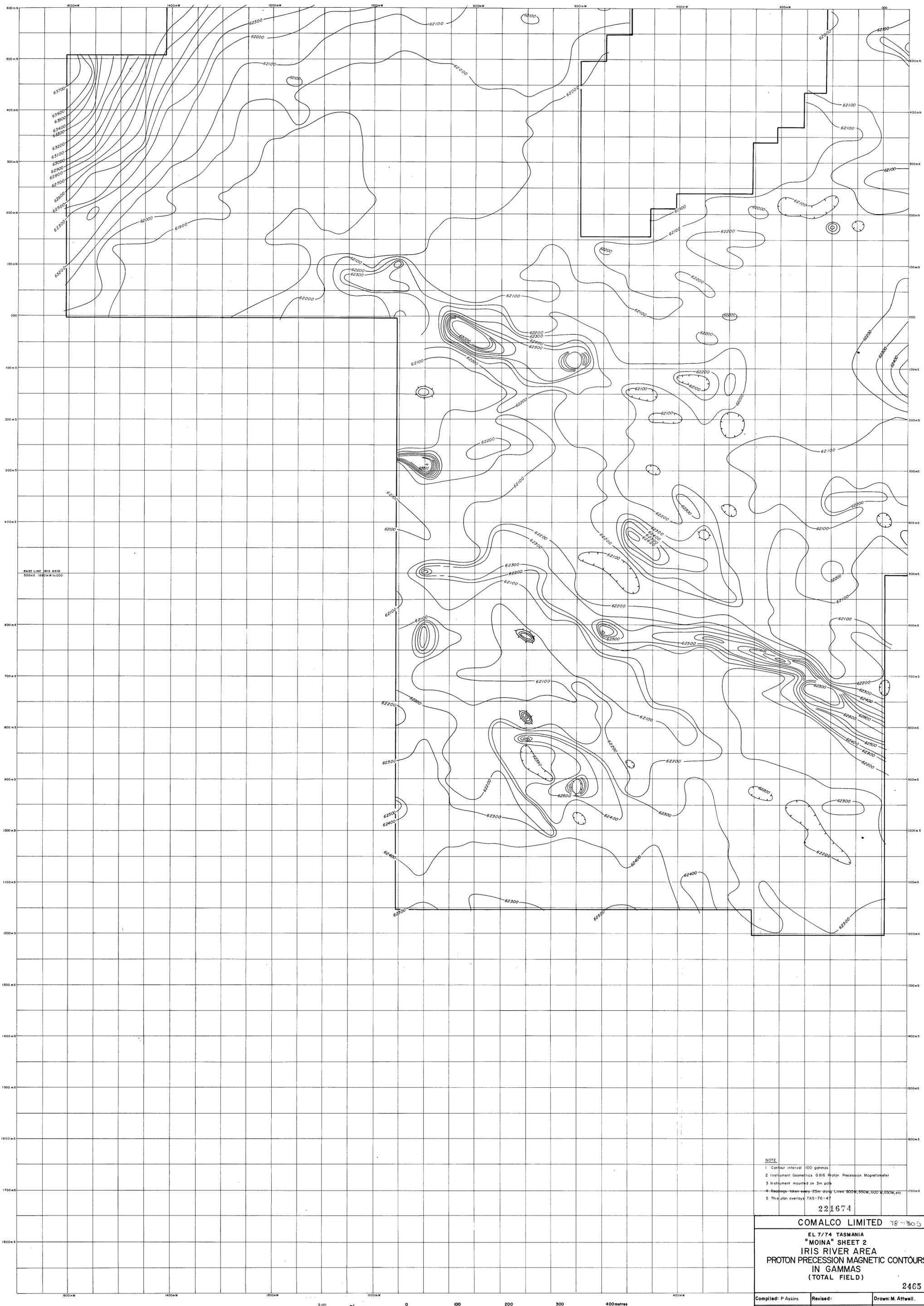
221673

COMALCO LIMITED 78-12615

E.L.7/74 TASMANIA
 "MOINA" SHEET I EXTENSION
 SHEPHERD & MURPHY AREA
 PROTON PRECESSION MAGNETIC CONTOURS
 IN GAMMAS
 (TOTAL FIELD)

2464

Compiled: P. Askins.	Revised:	Drawn: M. Attwell.
Date: July, 1977	Scale 1:2,500	Drg N° TAS-77-81

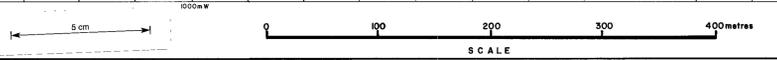


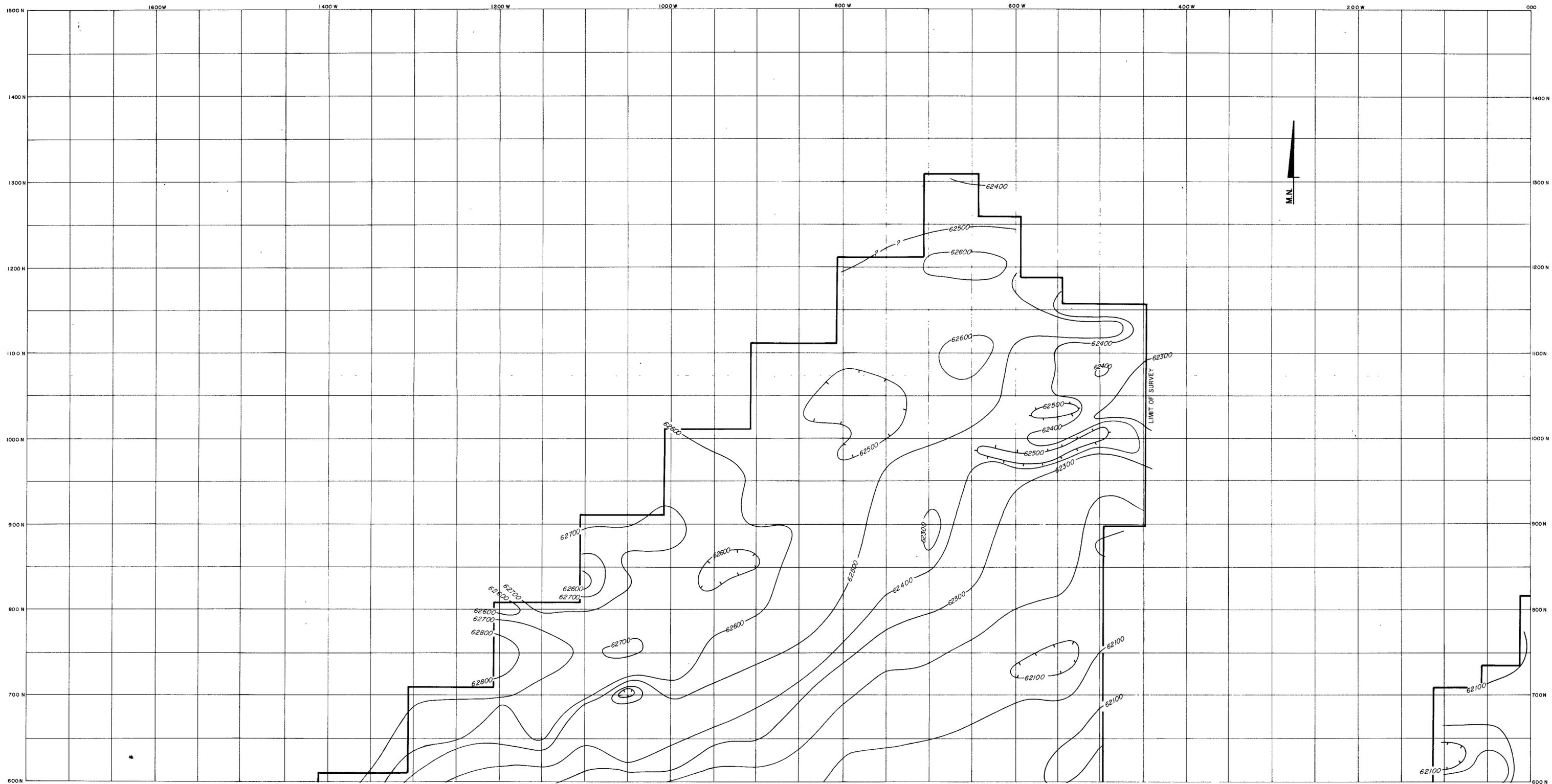
NOTE
 1 Contour interval 100 gammas
 2 Instrument Geometrics G816 Proton Precession Magnetometer
 3 Instrument mounted on 3m pole
 4 Readings taken every 25m along Lines 300W,350W,400W,450W,etc
 5 This plan overlays TAS-76-47

2216/4

COMALCO LIMITED 18-1303
 EL 7/74 TASMANIA
 "MOINA" SHEET 2
 IRIS RIVER AREA
 PROTON PRECESSION MAGNETIC CONTOURS
 IN GAMMAS
 (TOTAL FIELD)
 2465

Compiled: P Askins Revised: Drawn: M. Attwell.
 Date: July, 1977 Scale 1:2,500 Drg No TAS-77-80





221675

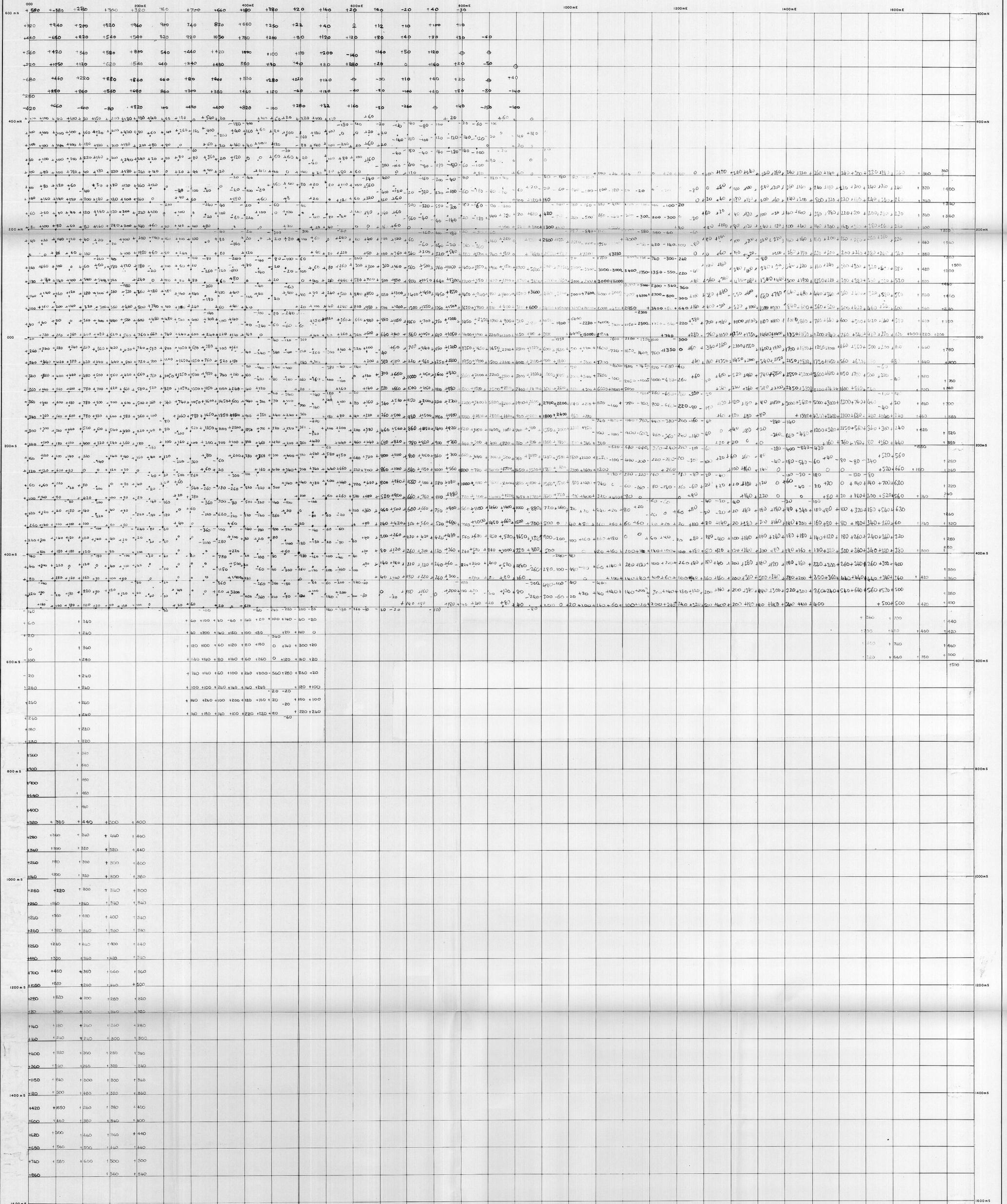
NOTE:

- 1 Contour interval 100 gammas
- 2 Instrument Geometrics G816 Proton Precession Magnetometer
- 3 Instrument mounted on 3m pole
- 4 Readings taken every 25m along Lines 800 W, 850W, 900W, 950W etc
- 5 This plan overlays TAS-77-66

COMALCO LIMITED 78-1305

E.L 7/74 TASMANIA
"MOINA" SHEET 2 EXTENSION
IRIS RIVER AREA
PROTON PRECESSION MAGNETIC CONTOURS
IN GAMMAS
(TOTAL FIELD) 2486

Compiled: P. Askins.	Revised:	Drawn: M. Attwell.
Date: July, 1977.	Scale 1: 2,500	Drg N° TAS-77-82

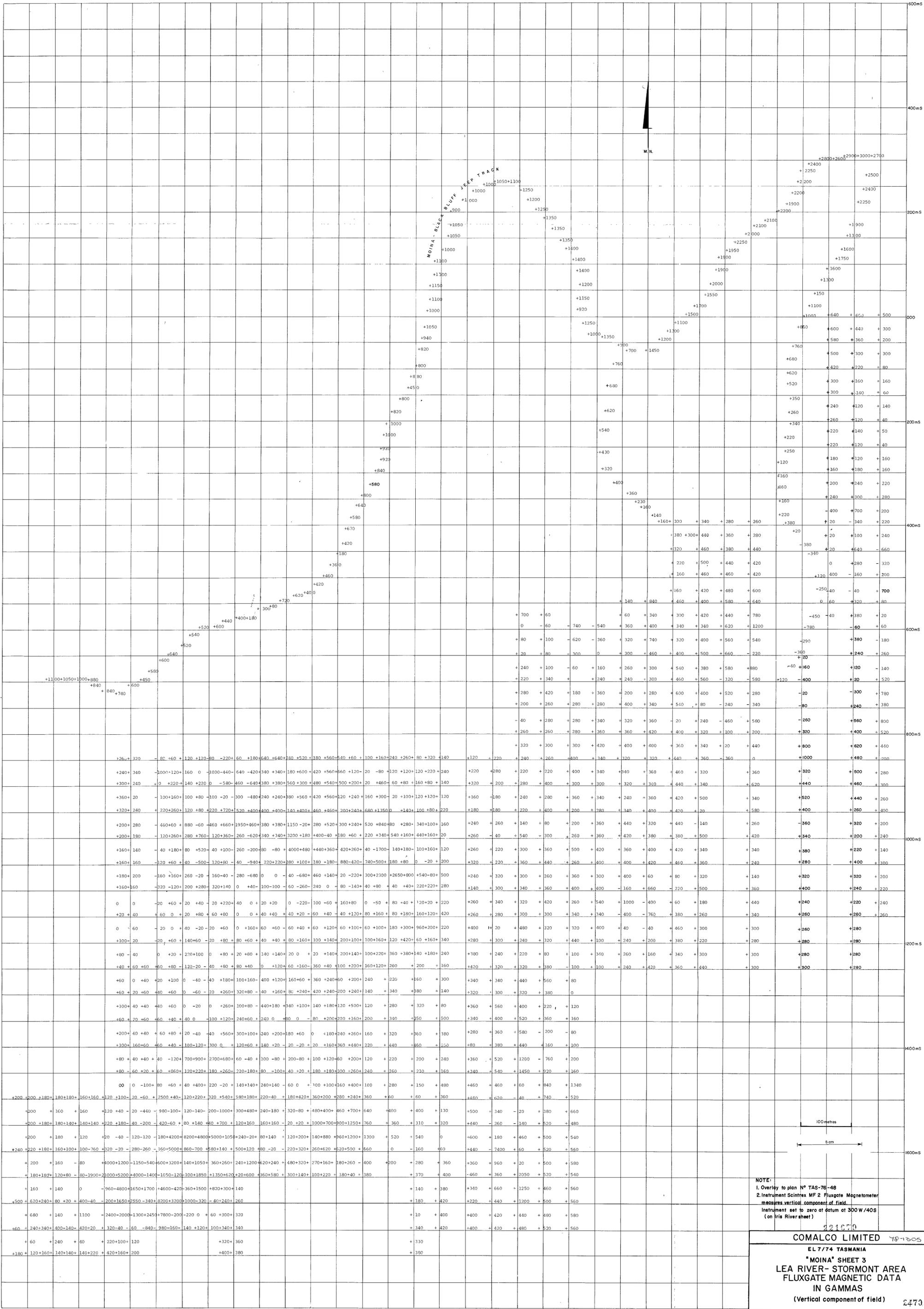


NOTE:
 1. Overlay to plan N° TAS-76-46
 2. Instrument Scintrex MF 2 Fluxgate Magnetometer
 measures vertical component of field
 3. Instrument set to zero at datum at 300W/40S
 on Iris River Sheet.

221076

COMALCO LIMITED 78-1305
 EL 7/74 TASMANIA
 "MOINA" SHEET I
 SHEPHERD & MURPHY AREA
 FLUXGATE MAGNETIC DATA
 IN GAMMAS
 (Vertical component of field) 2407

Compiled: G. Weste
 Revised: P.A. June, 1978. Drawn:
 Date: May, 1975. Scale: 1:2,500. Drg N° TAS-M-75-19A

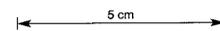
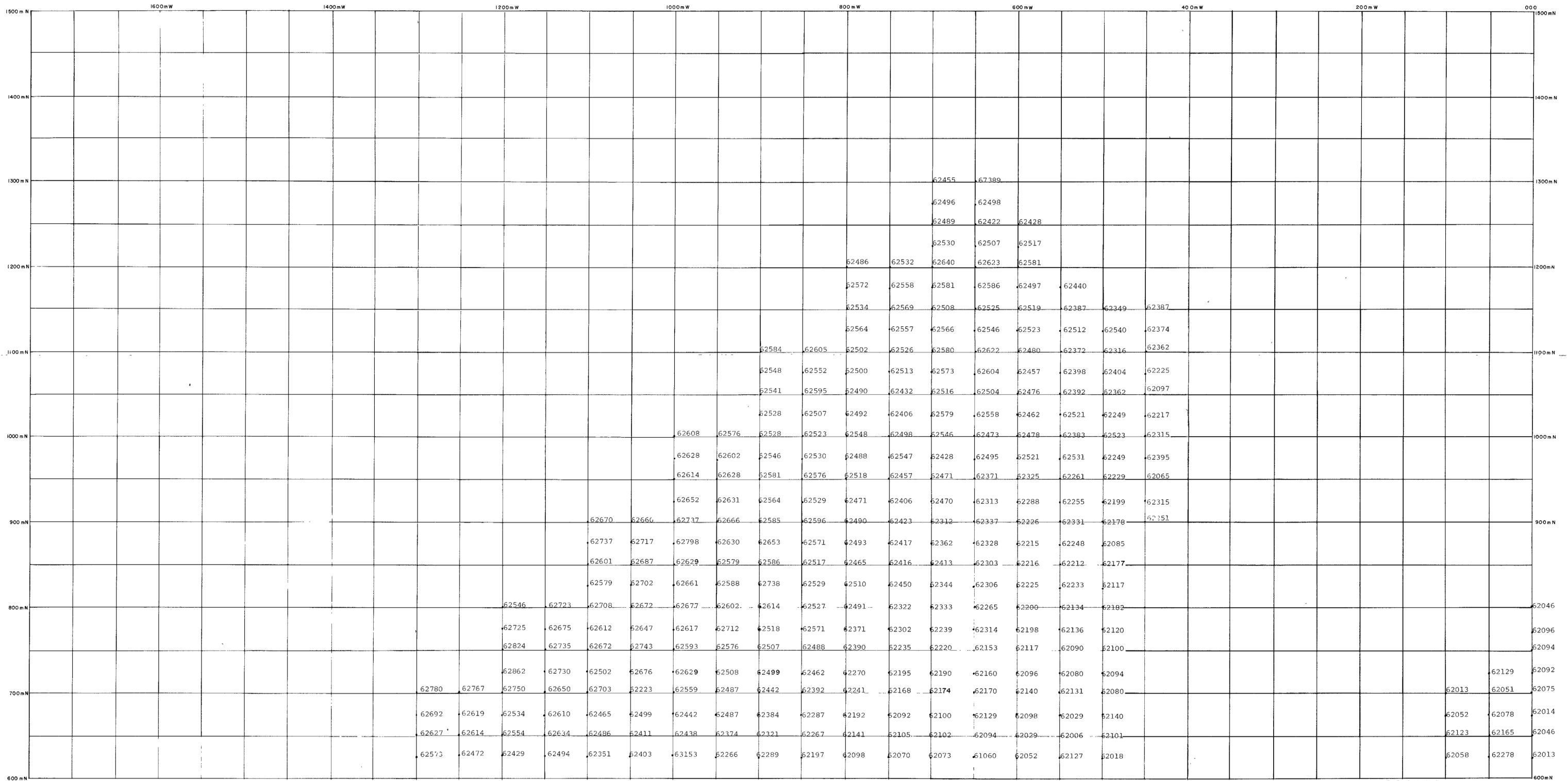


NOTE:
 1. Overlay to plan N° TAS-76-48
 2. Instrument Scintrex MF 2 Fluxgate Magnetometer
 measures vertical component of field.
 Instrument set to zero at datum of 300 W/40S
 (on Iris River sheet)

221070

COMALCO LIMITED 78-1305

EL 7/74 TASMANIA
 "MOINA" SHEET 3
 LEA RIVER- STORMONT AREA
 FLUXGATE MAGNETIC DATA
 IN GAMMAS
 (Vertical component of field) 2470



NOTE

1. Instrument Geometrics 6816 Proton Precession Magnetometer.
2. Instrument mounted on 3m pole.
3. Readings taken April - May 1977
4. This plan overlays TAS-77-66

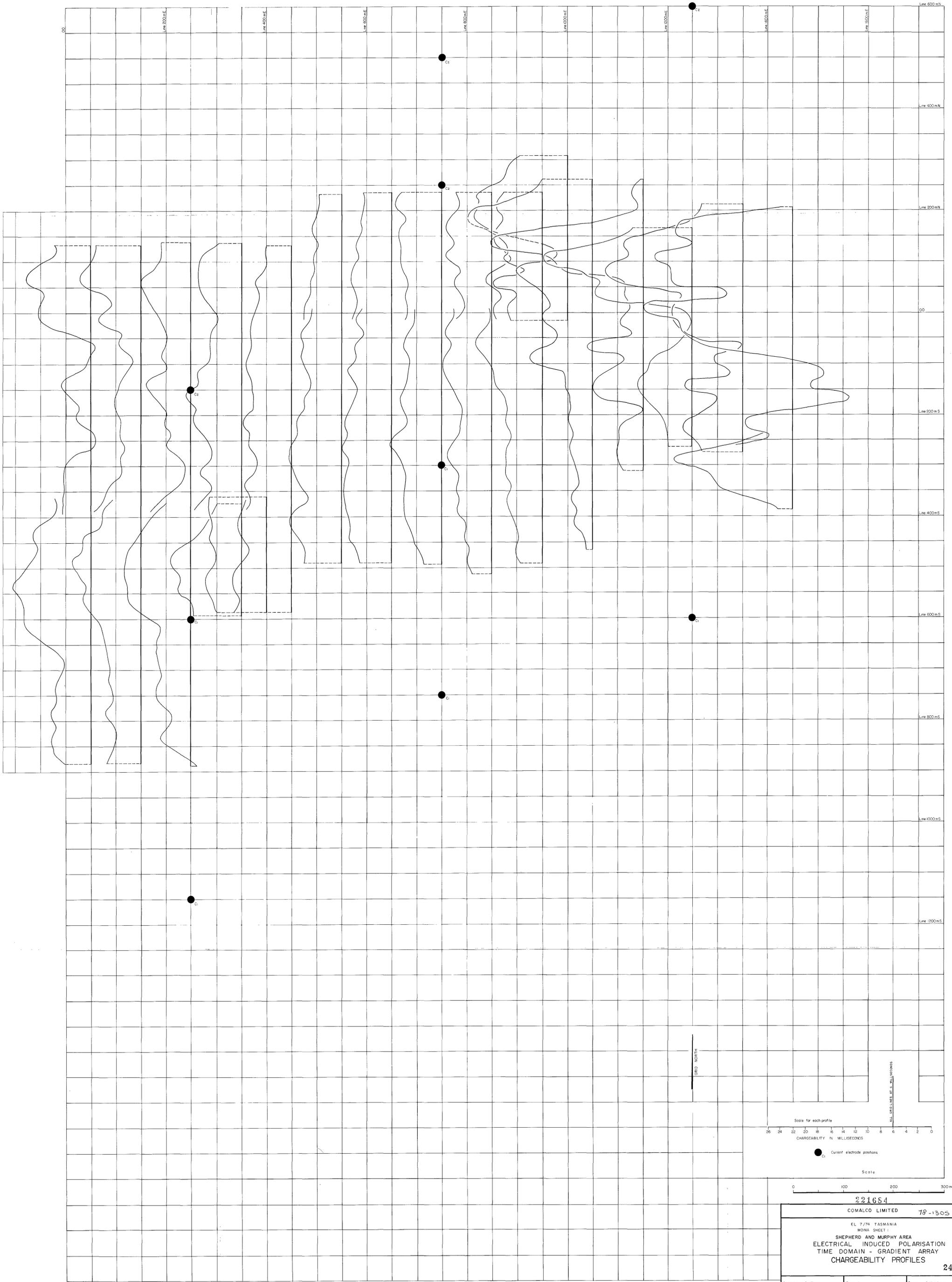
221683

COMALCO LIMITED 78-1305

EL 7/74 TASMANIA
 "MOINA" SHEET 2 EXTENSION
 IRIS RIVER AREA
 PROTON PRECESSION MAGNETIC DATA
 IN GAMMAS
 (TOTAL FIELD)

2475

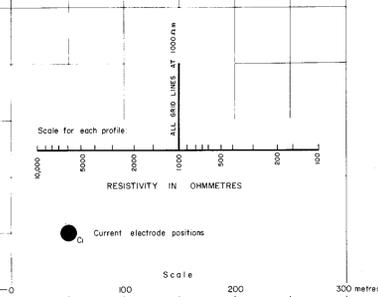
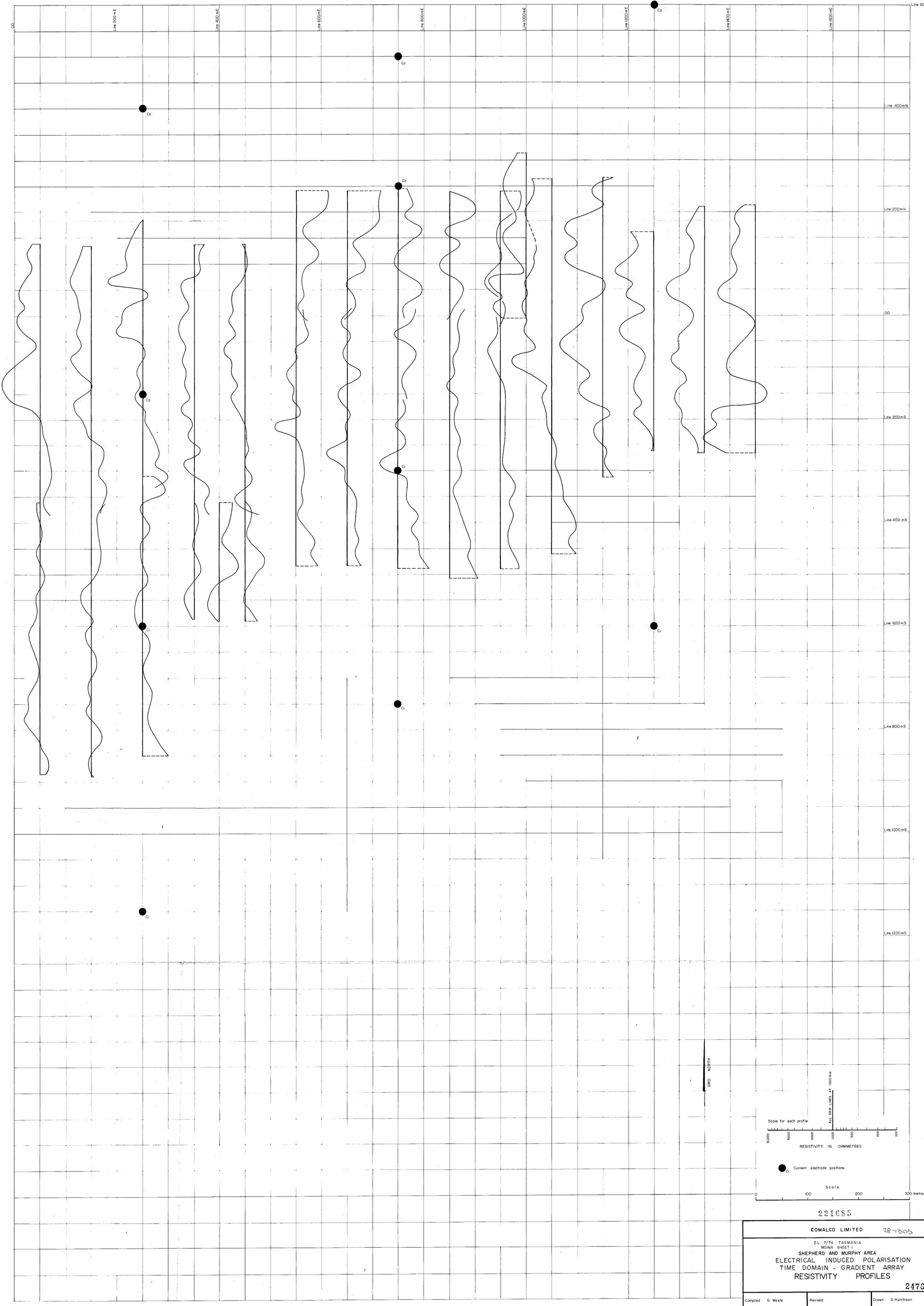
Compiled: R. Pollock. P.W. Askins.	Revised:	Typed: C. Hamel.
Date: June, 1978	Scale 1:2,500	Drg No TAS-78-155



Scale for each profile
 CHARGEABILITY IN MILLISECONDS
 26 24 22 20 18 16 14 12 10 8 6 4 2 0
 ● Current electrode positions
 Scale
 0 100 200 300 metres

221684
 COMALCO LIMITED 78-1305
 EL 7/74 TASMANIA
 MONA SHEET 1
 SHEPHERD AND MURPHY AREA
 ELECTRICAL INDUCED POLARISATION
 TIME DOMAIN - GRADIENT ARRAY
 CHARGEABILITY PROFILES 2474

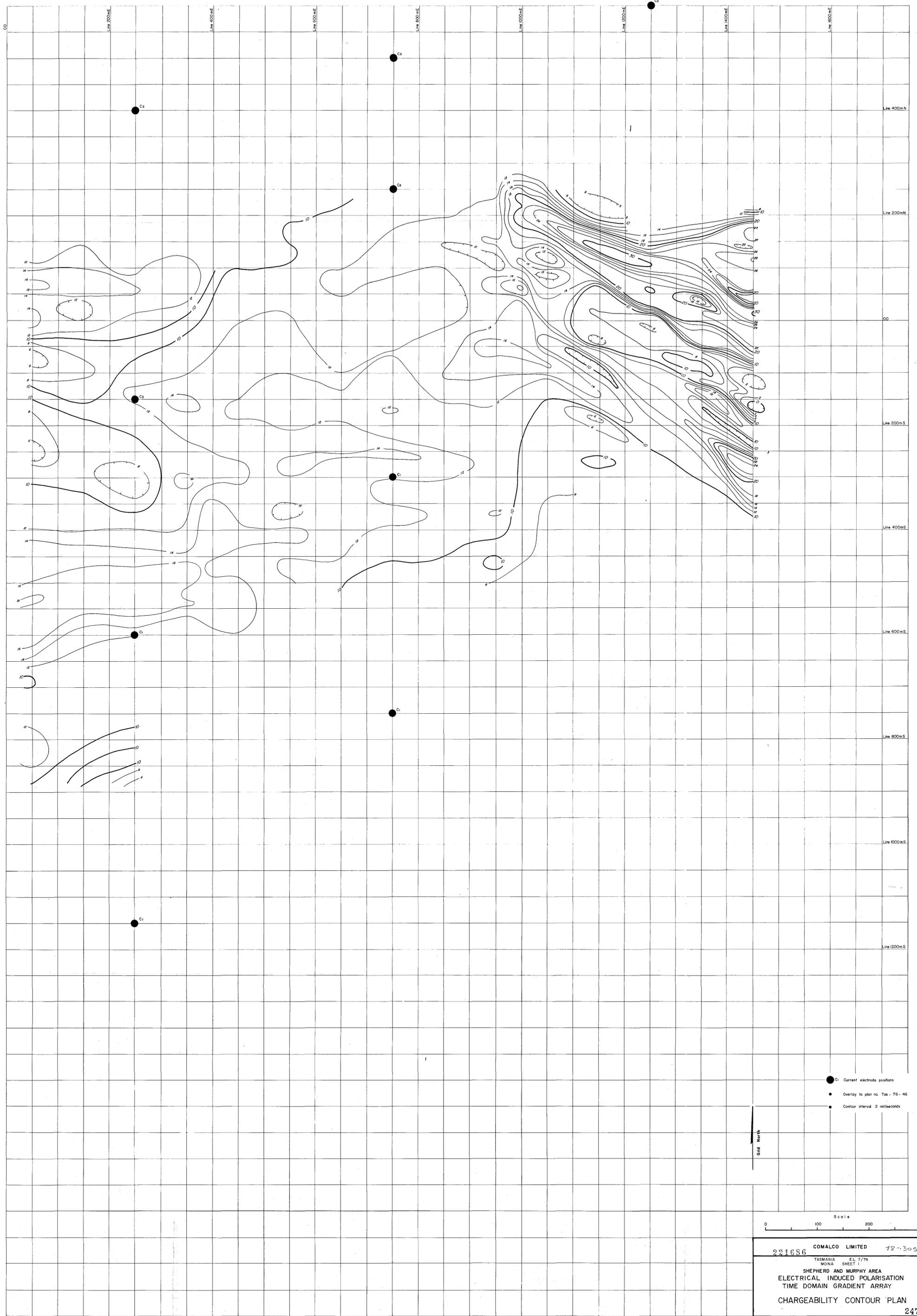
Compiled G Weste	Revised	Drawn S Hutcheon
Date July, 1978	Scale 1:2500	Drp No Tas - 78 - 148



221685

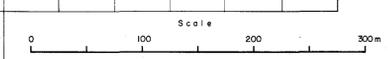
COMALCO LIMITED		78-1305
EL. 7/74 TASMANIA MONA SHEET SHEPHERD AND MURPHY AREA		
ELECTRICAL INDUCED POLARISATION TIME DOMAIN - GRADIENT ARRAY RESISTIVITY PROFILES		
2476		
Compiled G. West	Revised:	Drawn S. Hutchison
Date: July, 1978	Scale 1:2500	Dwg No: Tas - 78 - 147

5 cm

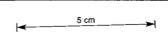


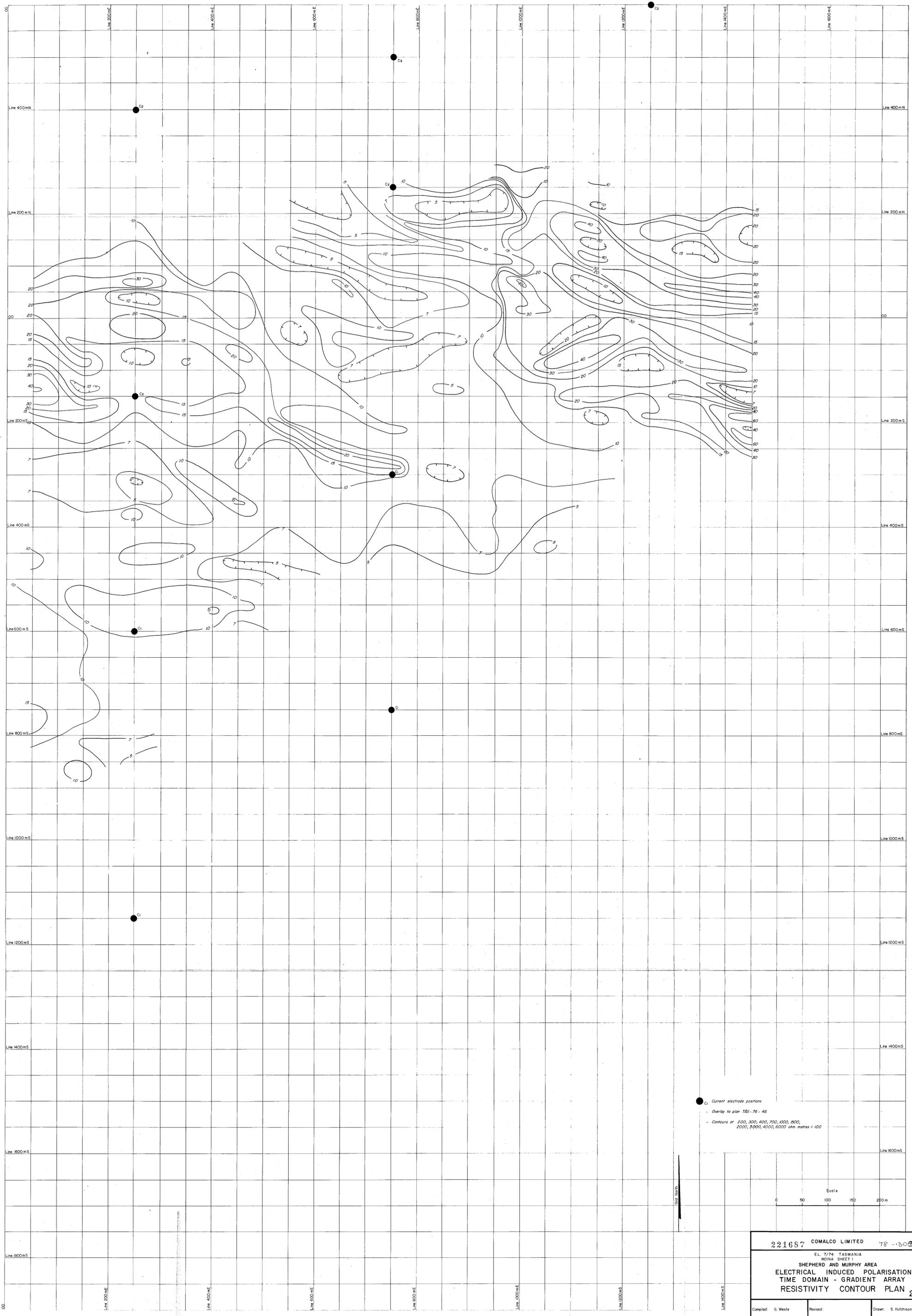
- C1 Current electrode positions
- Overlay to plan no. Tas - 76 - 46
- Contour interval 2 milliseconds

Grid North

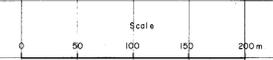


COMALCO LIMITED		18-305
221656		
TASMANIA EL. 7/74		
MORINA SHEET 1		
SHEPHERD AND MURPHY AREA		
ELECTRICAL INDUCED POLARISATION		
TIME DOMAIN GRADIENT ARRAY		
CHARGEABILITY CONTOUR PLAN		
2477		
Compiled: G. Weste	Revised:	Drawn: S. Hutchison
Date: July, 1978	Scale: 1:2500	Drng. No: Tas - 78 - 146

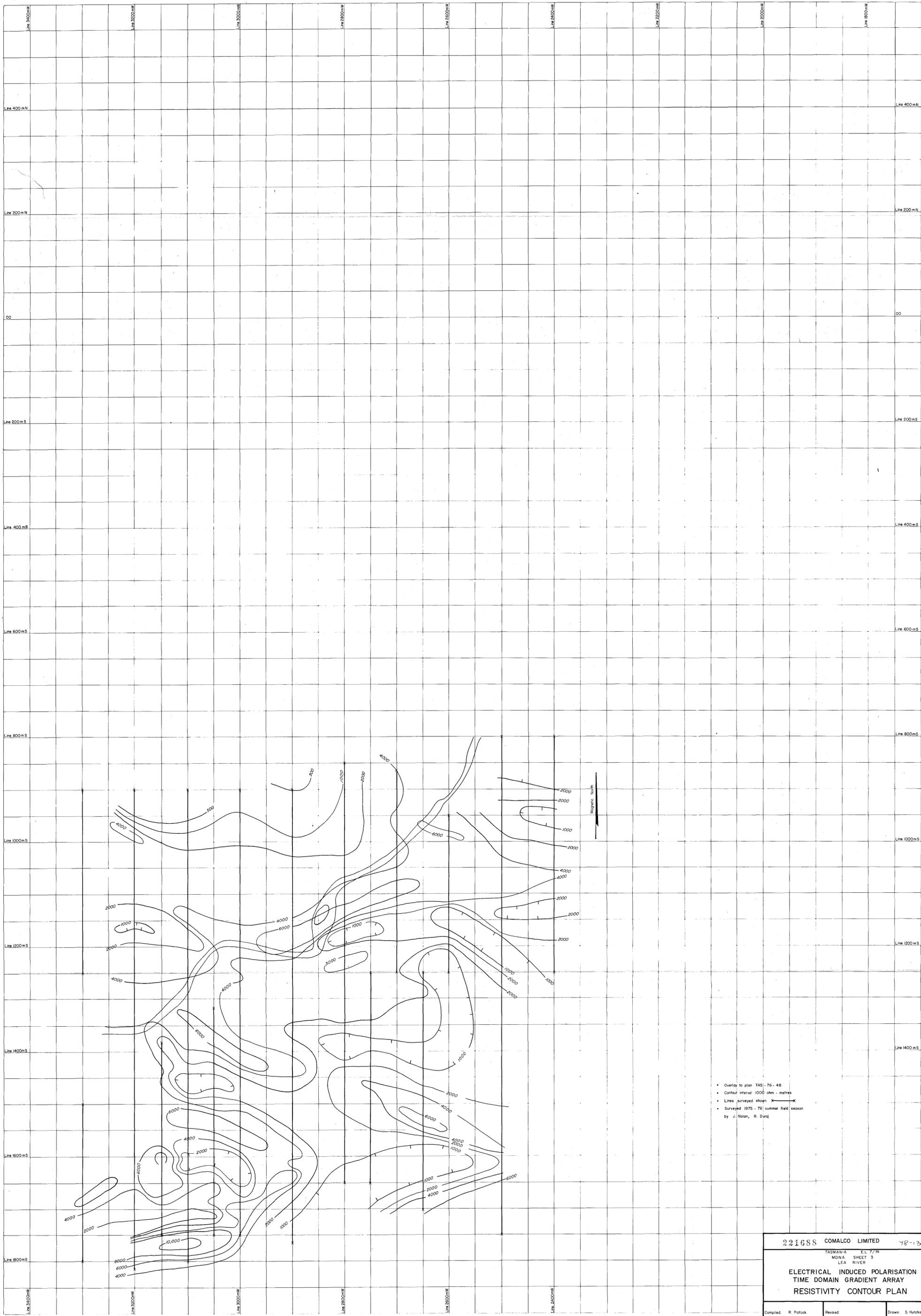




● C₁ Current electrode positions
 - Overlay to plan 7AS-76-46
 - Contours at 200, 300, 400, 700, 1000, 1500,
 2000, 3000, 4000, 6000 ohm metres = 100



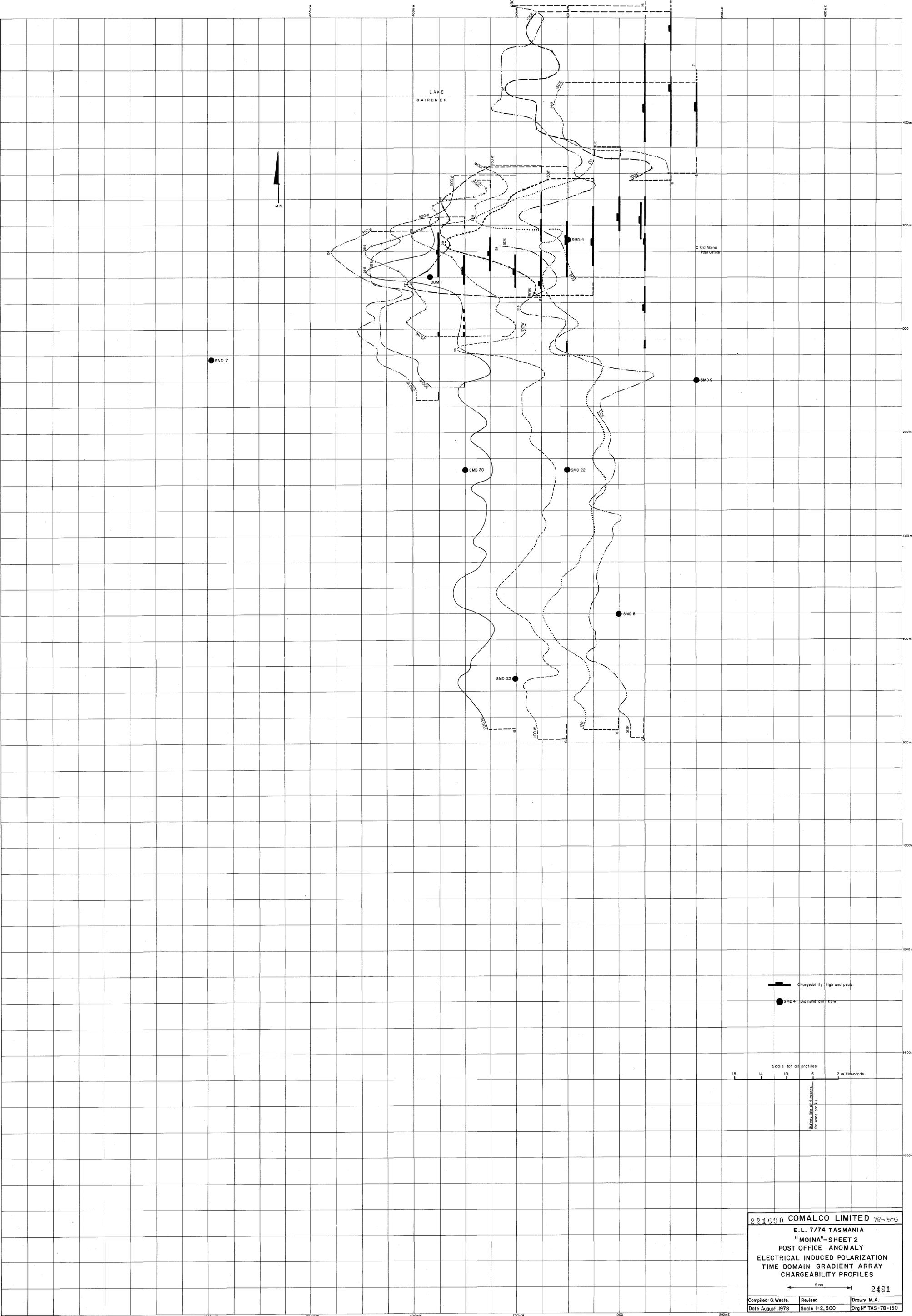
221687 COMALCO LIMITED 78-1205	
EL 774 TASMANIA MOINA SHEET I	
SHEPHERD AND MURPHY AREA ELECTRICAL INDUCED POLARISATION TIME DOMAIN - GRADIENT ARRAY RESISTIVITY CONTOUR PLAN 2473	
Compiled: G. Weste	Drawn: S. Hutchison
Date: June, 1978	Scale: 1:2000
	Dwg No: Tas-78-145



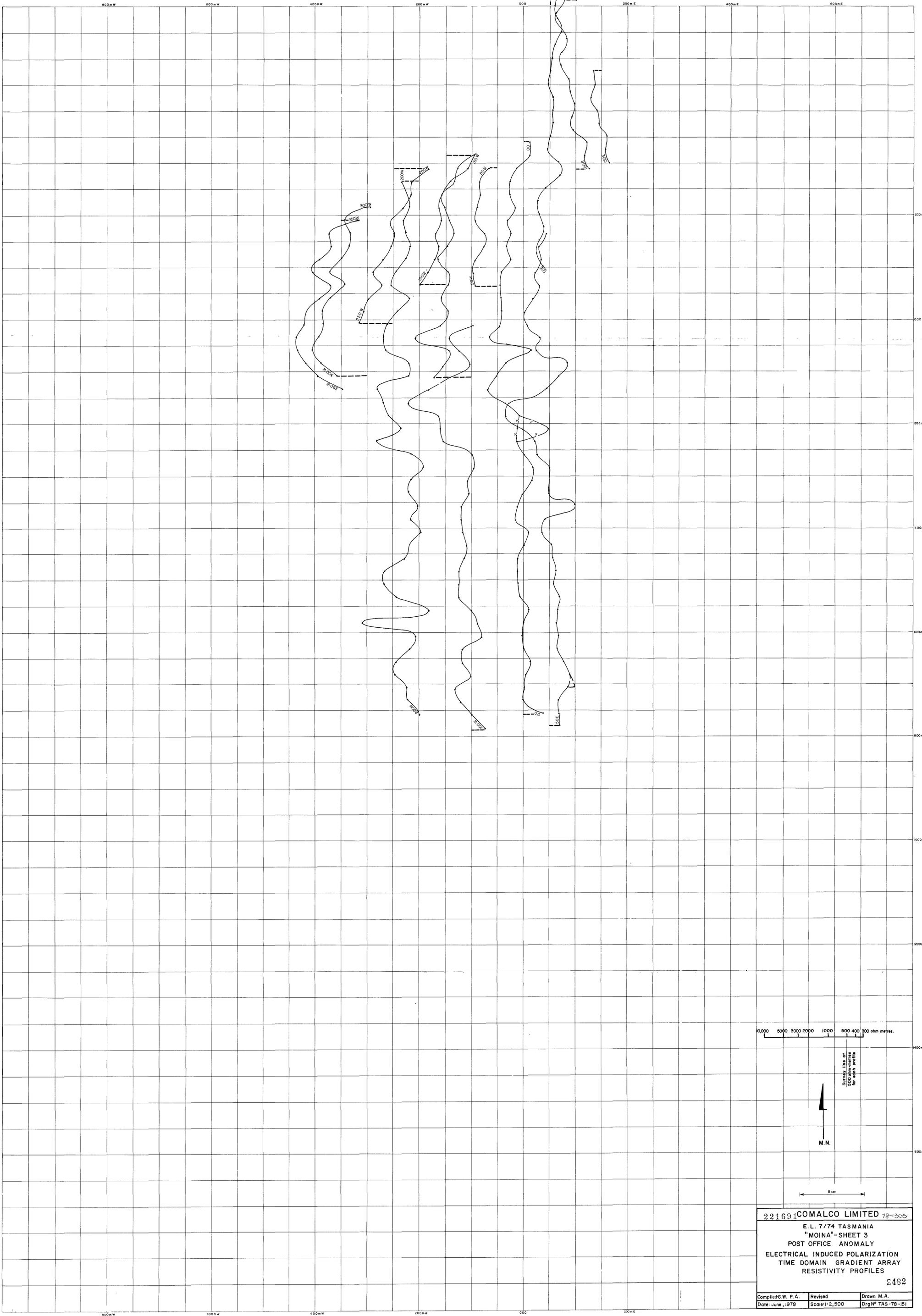
- Overlay to plan TAS-76-48
- Contour interval 1000 ohm - metres
- Lines surveyed shown X
- Surveyed 1975 - 76 summer field season
by J. Nolan, R. Duraj

221688 COMALCO LIMITED 78-1205
 TASMANIA EL 7/76
 MOINA SHEET 3
 LEA RIVER
**ELECTRICAL INDUCED POLARISATION
 TIME DOMAIN GRADIENT ARRAY
 RESISTIVITY CONTOUR PLAN** 2479

Compiled: R. Pollock	Revised:	Drawn: S. Hutchison
Date: June, 1978	Scale: 1:2500	Dwg No: TAS-78-144



221000 COMALCO LIMITED 78-7305
 E. L. 7/74 TASMANIA
 "MOINA"-SHEET 2
 POST OFFICE ANOMALY
 ELECTRICAL INDUCED POLARIZATION
 TIME DOMAIN GRADIENT ARRAY
 CHARGEABILITY PROFILES
 5 cm 2481
 Compiled: G. Weste. Revised: Drawn: M.A.
 Date August, 1978 Scale 1:2,500 Drg# TAS-78-150



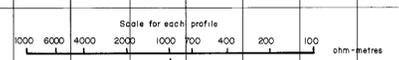
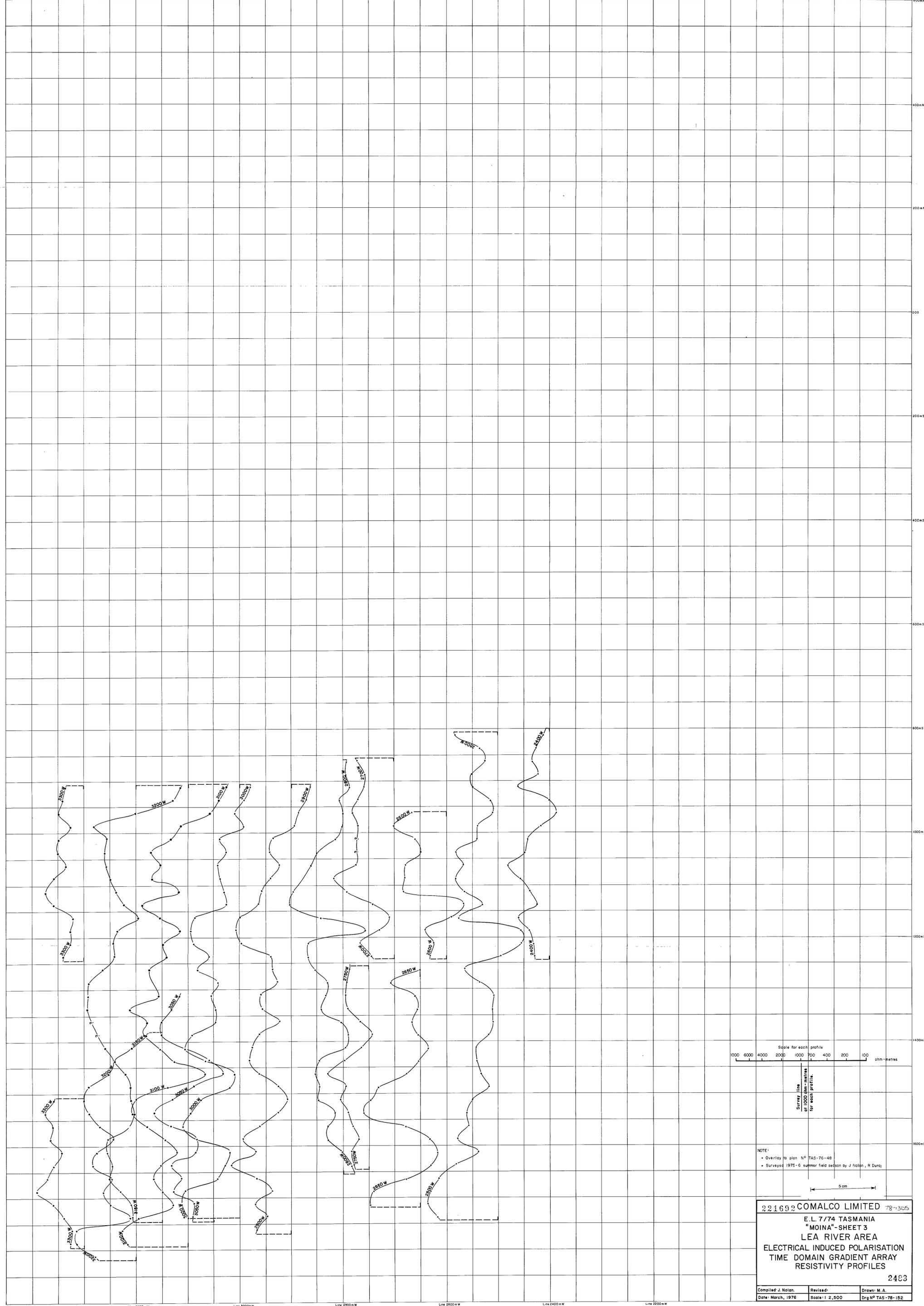
10000 5000 3000 2000 1000 500 400 300 ohm metres.

Survey line at 1000 ohm metres for each profile



5 cm

22169 COMALCO LIMITED 78-1306		
E.L. 7/74 TASMANIA		
"MOINA" - SHEET 3		
POST OFFICE ANOMALY		
ELECTRICAL INDUCED POLARIZATION		
TIME DOMAIN GRADIENT ARRAY		
RESISTIVITY PROFILES		
2482		
Compiled G.W. P.A.	Revised	Drawn M.A.
Date: June, 1978	Scale: 1:2,500	Org: TAS-78-151



Survey line
at 1000 ohm-metres
for each profile.

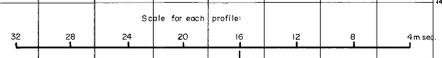
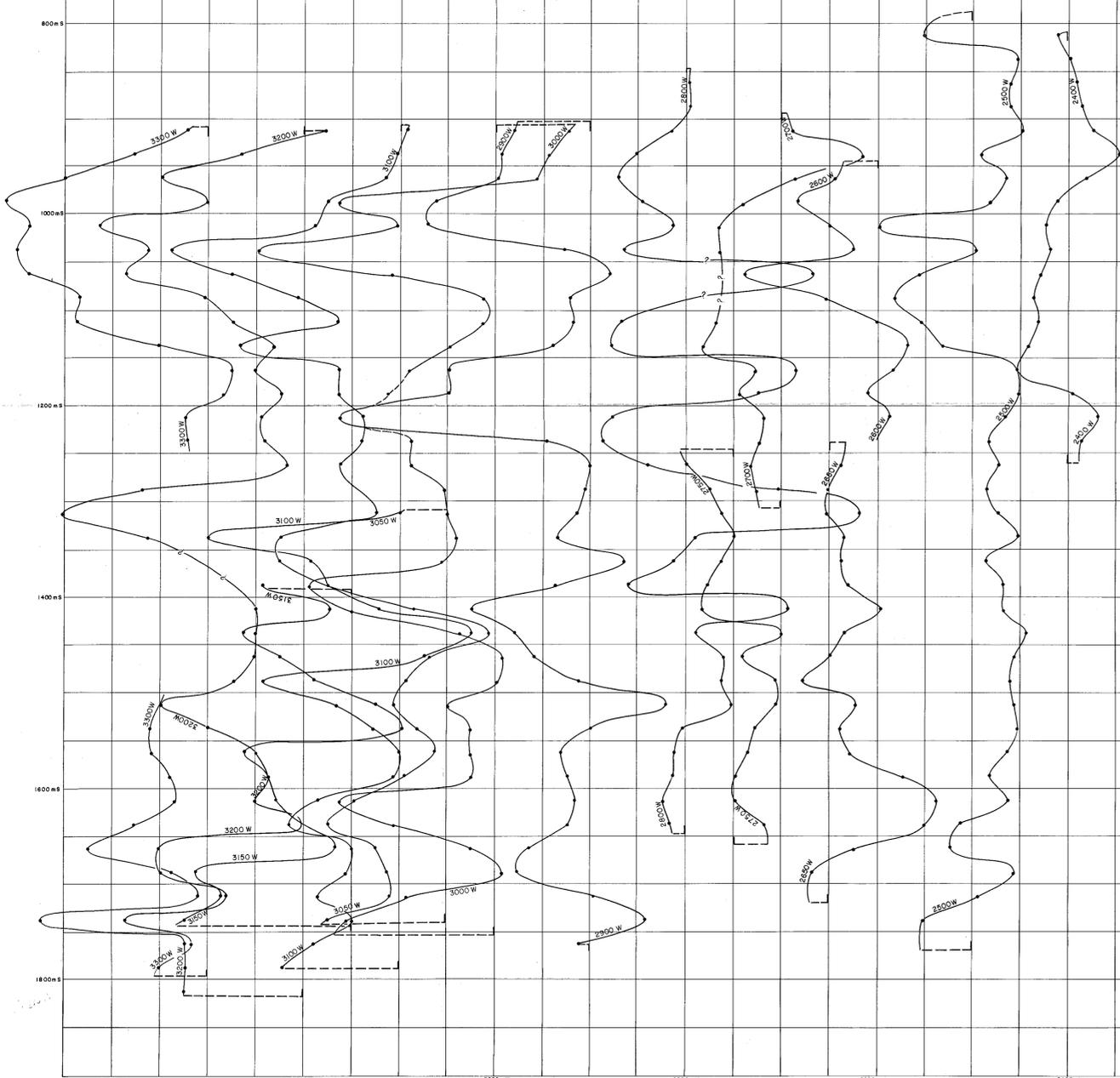
- NOTE:
- Overlay to plan N° TAS-76-48
 - Surveyed 1975-6 summer field section by J Nolan, R Duraj



221692 COMALCO LIMITED 78-305
 E.L. 7/74 TASMANIA
 "MOINA"-SHEET 3
 LEA RIVER AREA
 ELECTRICAL INDUCED POLARISATION
 TIME DOMAIN GRADIENT ARRAY
 RESISTIVITY PROFILES
 2403

Compiled J. Nolan	Revised:	Drawn: M.A.
Date: March, 1976	Scale: 1:2,500	Dwg N° TAS-78-152

Line 3400m W Line 3200m W Line 3000m W Line 2800m W Line 2600m W Line 2400m W Line 2200m W



Survey line
at 10m intervals
for each profile

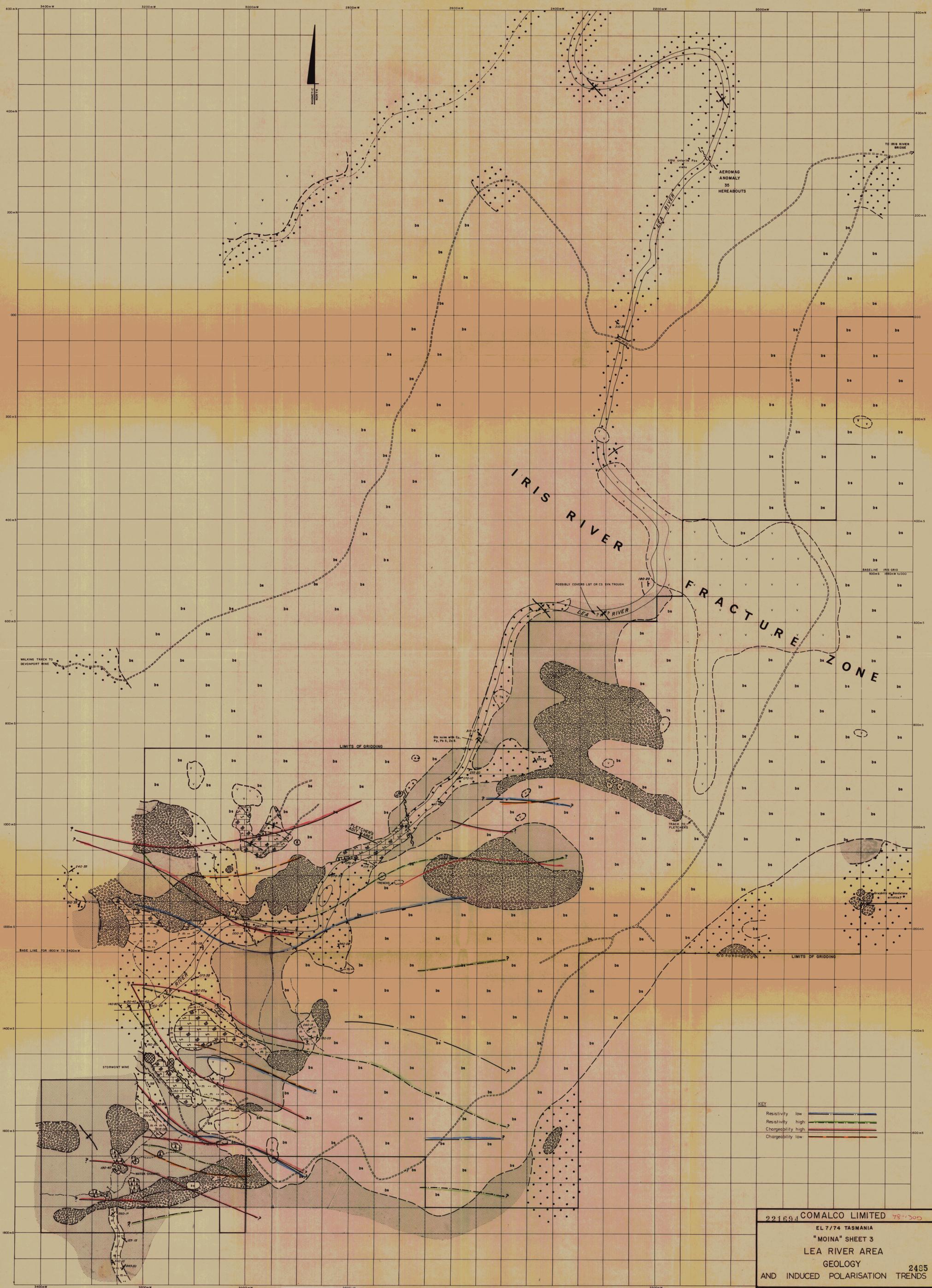
NOTE:
 • Overlay to plan N° PAS-76-48
 • Surveyed 1975-6 summer field season by J. Nalch, R. Duraj

221603 COMALCO LIMITED 78-305

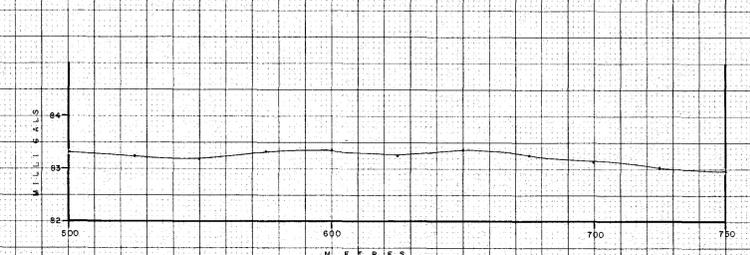
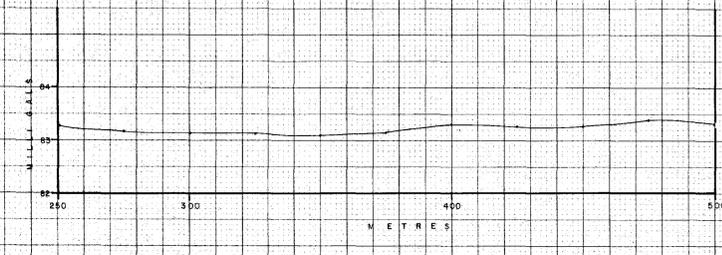
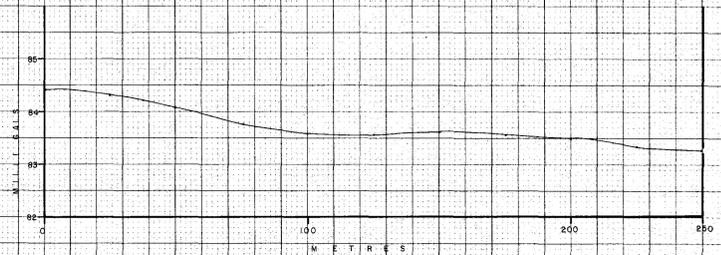
E.L. 7/74 TASMANIA
 "MOINA"-SHEET 3
 LEA RIVER AREA
 ELECTRICAL INDUCED POLARISATION
 TIME DOMAIN GRADIENT ARRAY
 CHARGEABILITY PROFILES

2464

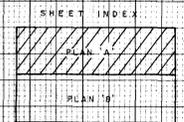
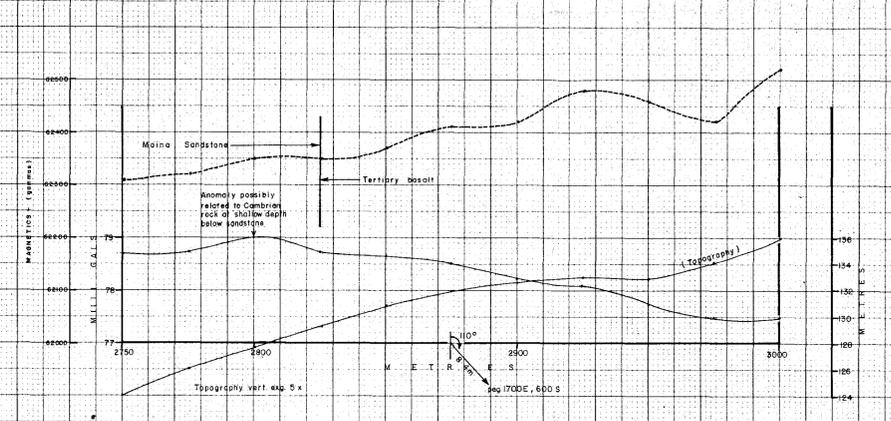
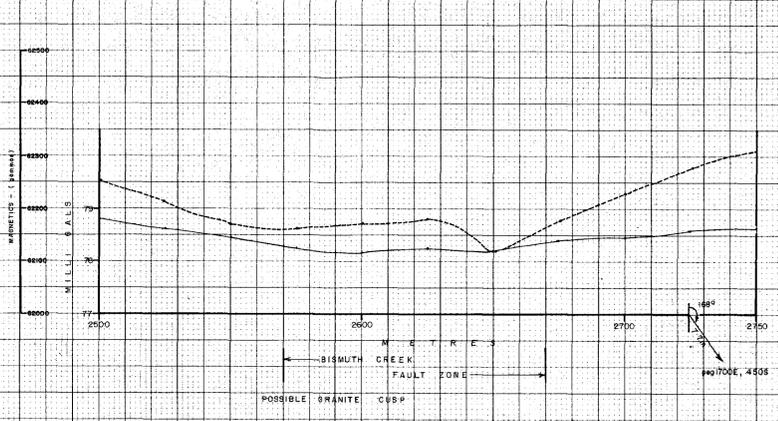
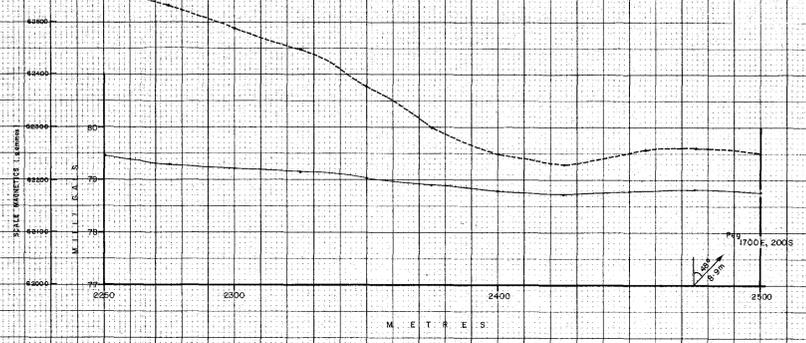
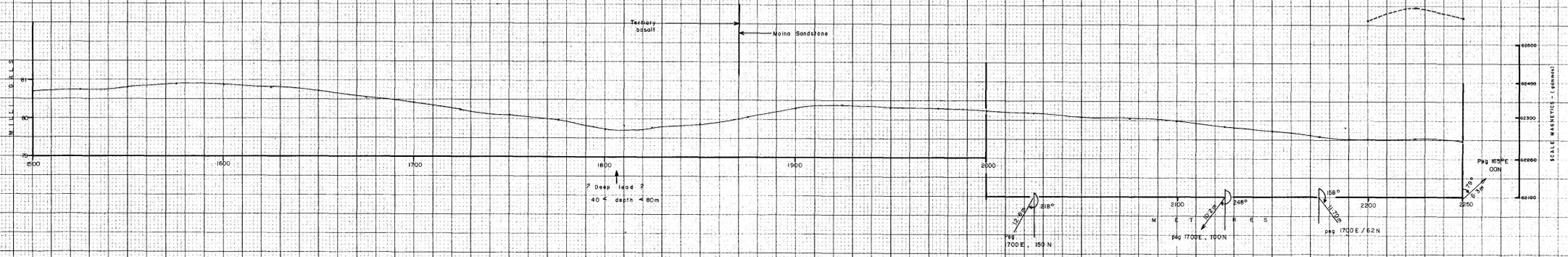
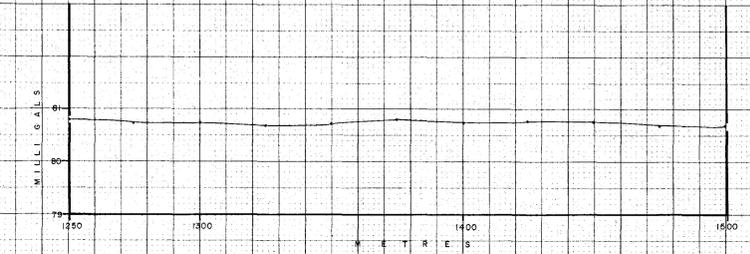
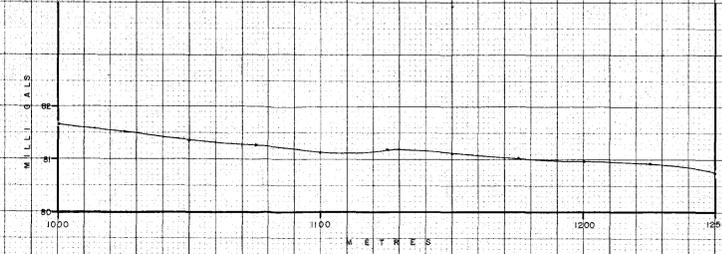
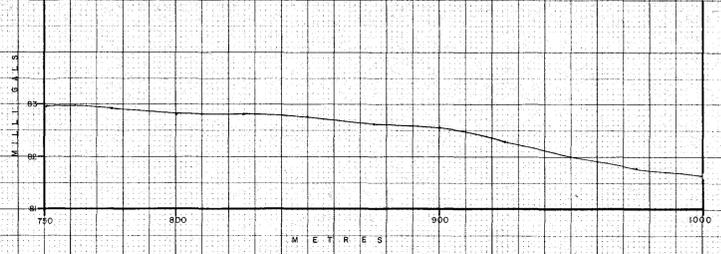
Compiled J.N.P.A.	Revised:	Drawn: M.A.
Date: March, 1976	Scale: 1:2,500	Drg N° TAS-78-153



221694 COMALCO LIMITED 78/1305
 EL 7/74 TASMANIA
 "MOINA" SHEET 3
 LEA RIVER AREA
 GEOLOGY AND INDUCED POLARISATION TRENDS 2435
 Compiled: G. Weste Revised: G. Weste Drawn: M. Attwell
 Date: Sept. 1978 Scale: 1:2,500 Drg. No. TAS-78-168



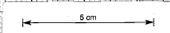
NB: Traverse commences on Cradle Mt Road North of Shepherd and Murphy mine area and progresses south.

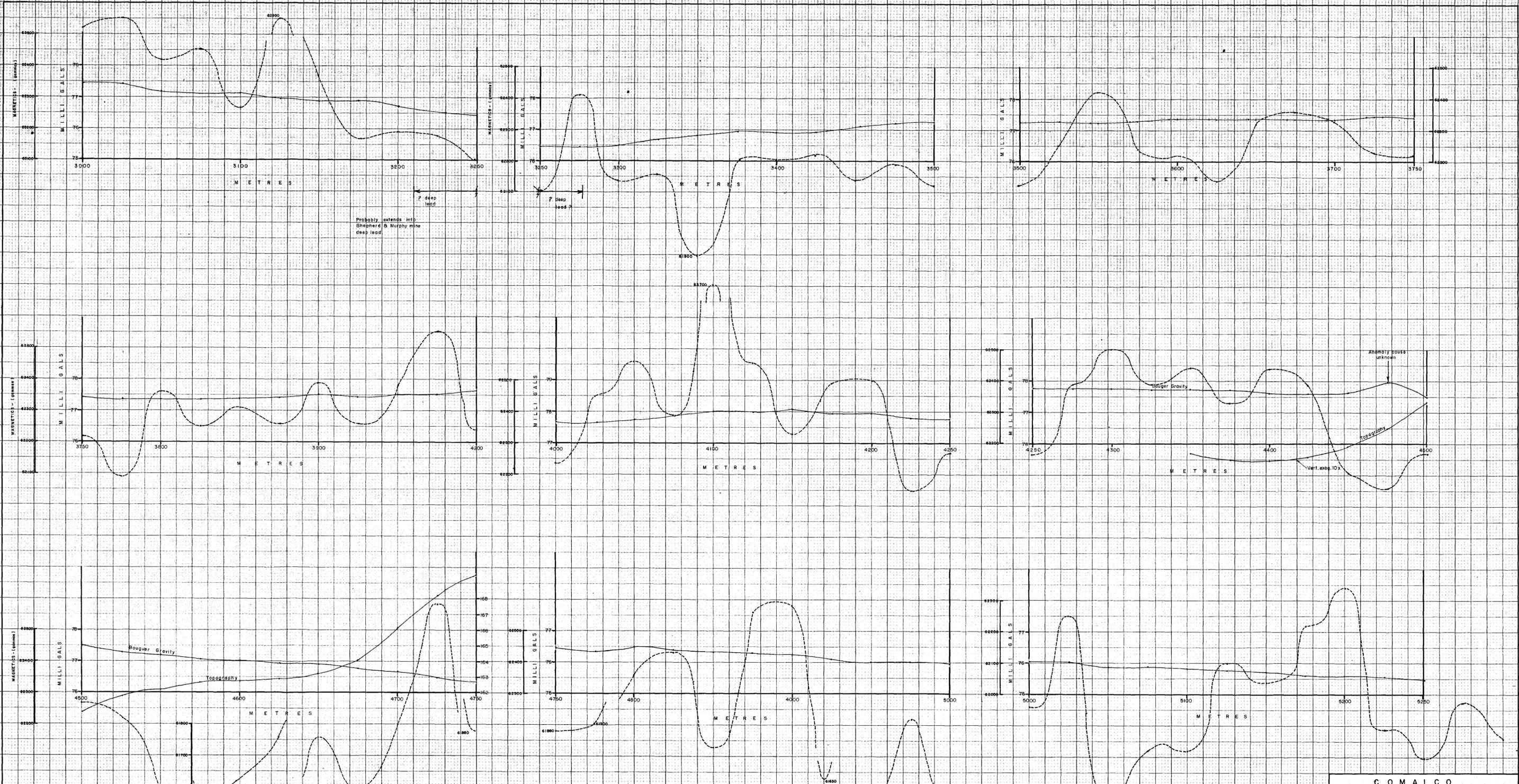


LEGEND
 — Gravity profile
 - - - Magnetic profile.

NOTE: Gravimeter Sodin WS 410
 Sensitivity 0.01 m.gal.
 Readings repeatable to 0.04 m.gal.
 Terrain correction r.t.o. (is unaccounted for.) Profile interpretation to be kept within a 250m segment.
 Magnetometer used: Scintrex MP2
 Probab. Precision type, mounted on 2m pole. Measures total field.

22103 O M A L C O 78-1305
 TASMANIA
 MOINA EL 77/74 2496
 GRAVITY SURVEY, ROAD TRAVERSE
 CRADLE MOUNTAIN ROAD
 BOUGUER GRAVITY PROFILES
 PROTON PRECESSION MAGNETIC PROFILE
 Compiled: H.C.Lou. Revised: P.A. May, 1978. Drawn: M. Attwell.
 Date: Feb, 1978. Scale: Vert: 1:100. Drgn: TAS-78-123A





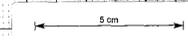
NOTE: Gravimeter Sodin WS 410
 Sensitivity 0.01 m.gal.
 Readings repeatable to 0.04 m.gal.
 Terrain correction $r = a$ (is unaccounted for) Profile interpretation to be kept within a 250m segment.
 Magnetometer used: Scintrex MP 2
 Proton Precession type, mounted on 2m pole. Measures total field.

LEGEND
 — Gravity profile.
 - - - Magnetic profile.

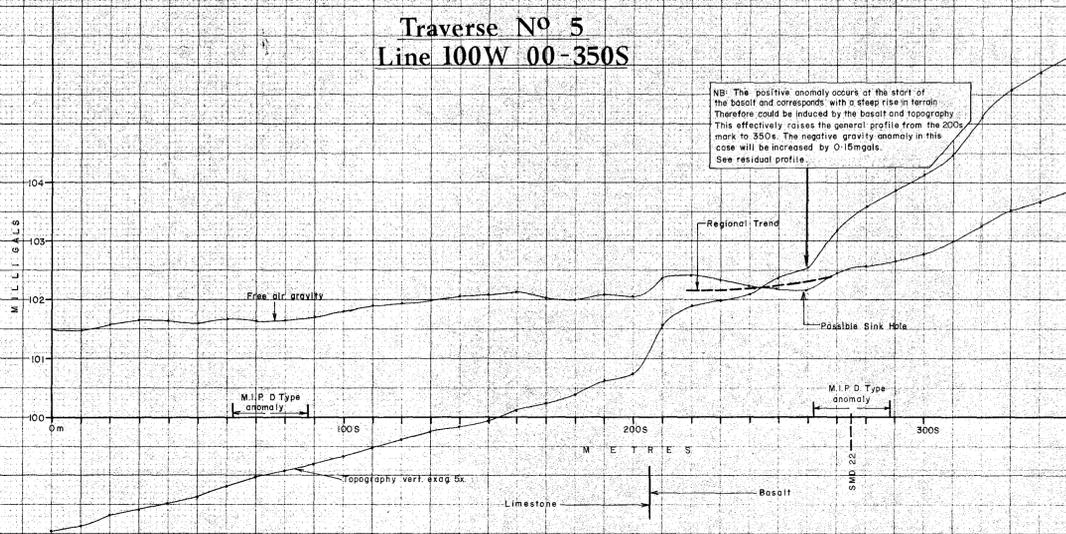


COMALCO
 TASMANIA 78-1305
 221696 MOINA EL7/74 2407
 GRAVITY SURVEY, ROAD TRAVERSE
 CRADLE MOUNTAIN ROAD
 BOUGUER GRAVITY PROFILES
 PROTON PRECESSION MAGNETIC PROFILE

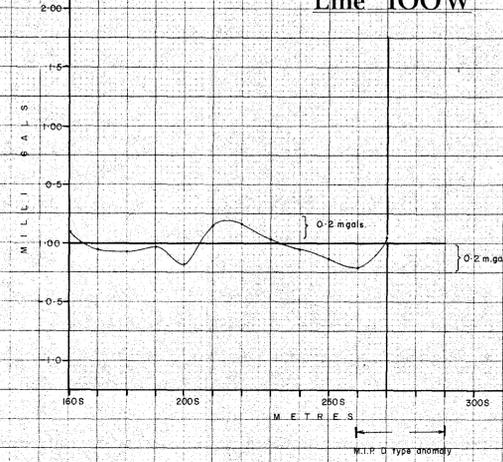
Compiled: H.C. Lau. Revised: P.A. May 78. Drawn: M Attwell.
 Date: Feb, 1978. Scale: 1:500. Drg No: TAS-78-123B



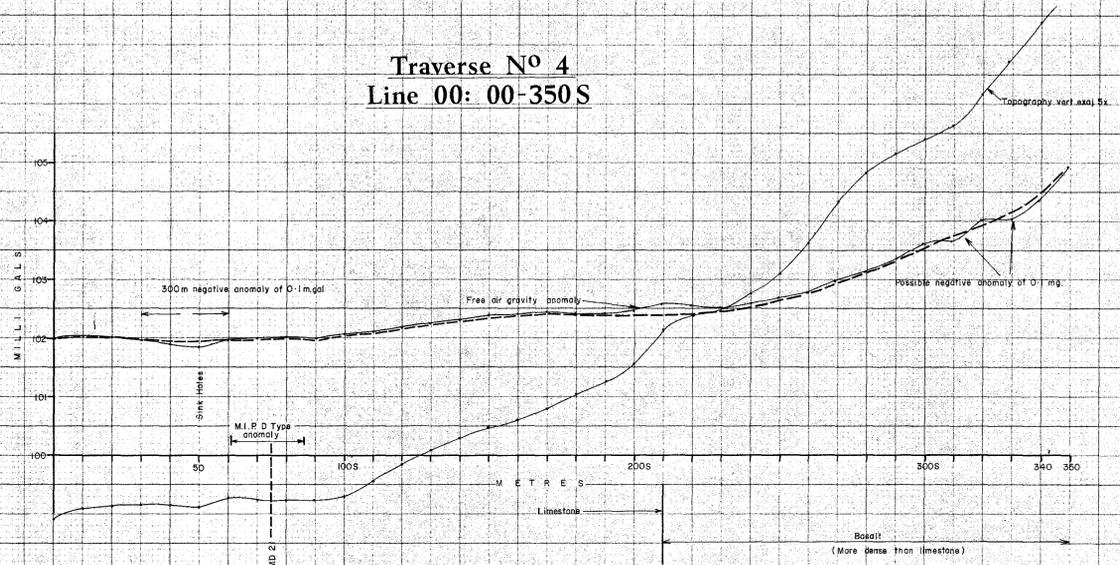
**Traverse No 5
Line 100W 00-350S**



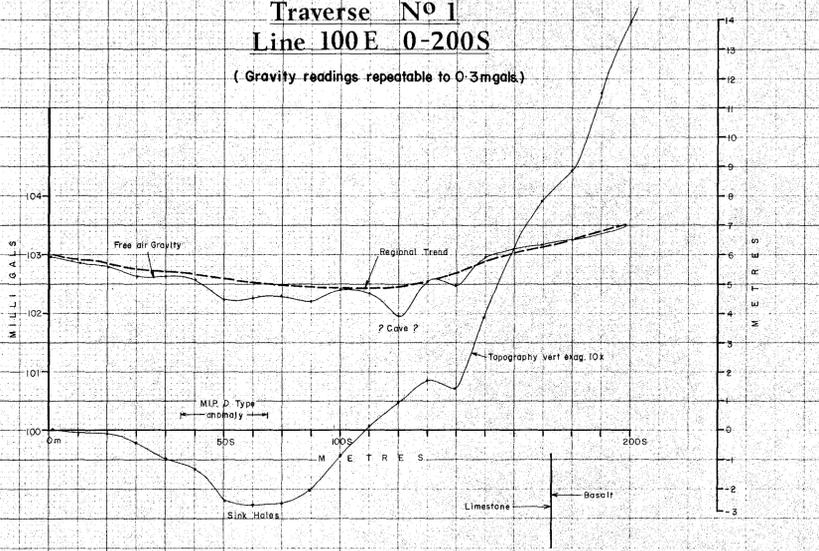
**Residual Profile from Free Air Anomaly
Line 100W**



**Traverse No 4
Line 00: 00-350S**

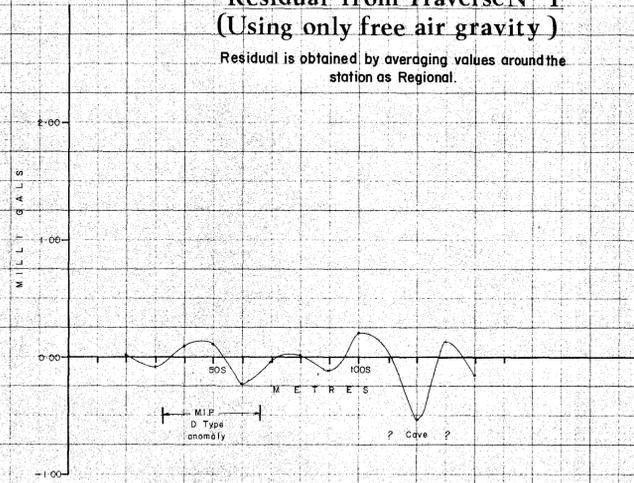


**Traverse No 1
Line 100E 0-200S**
(Gravity readings repeatable to 0.3mgals.)

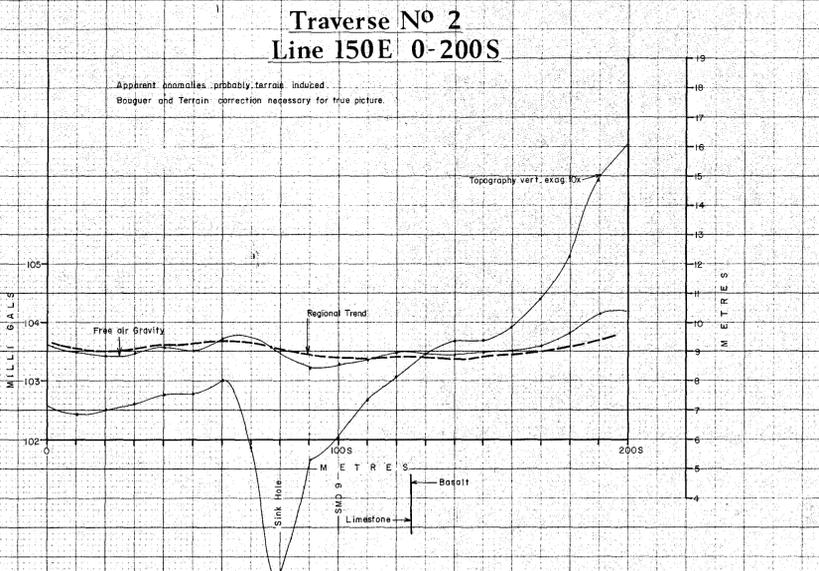


**Residual from Traverse No 1
(Using only free air gravity)**

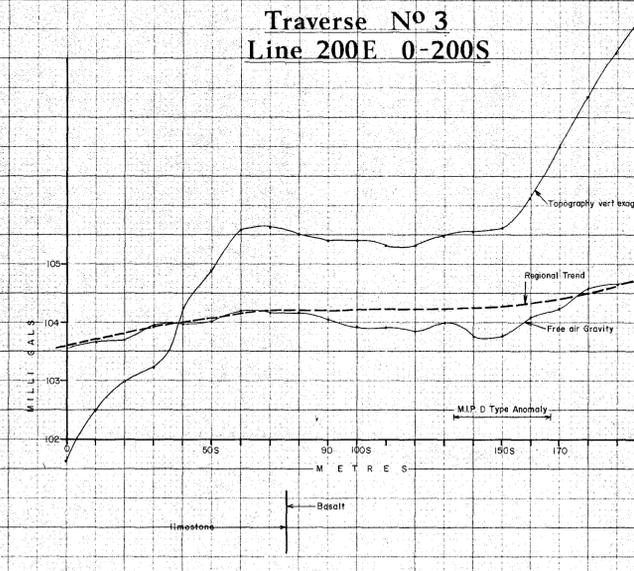
Residual is obtained by averaging values around the station as Regional.



**Traverse No 2
Line 150E 0-200S**

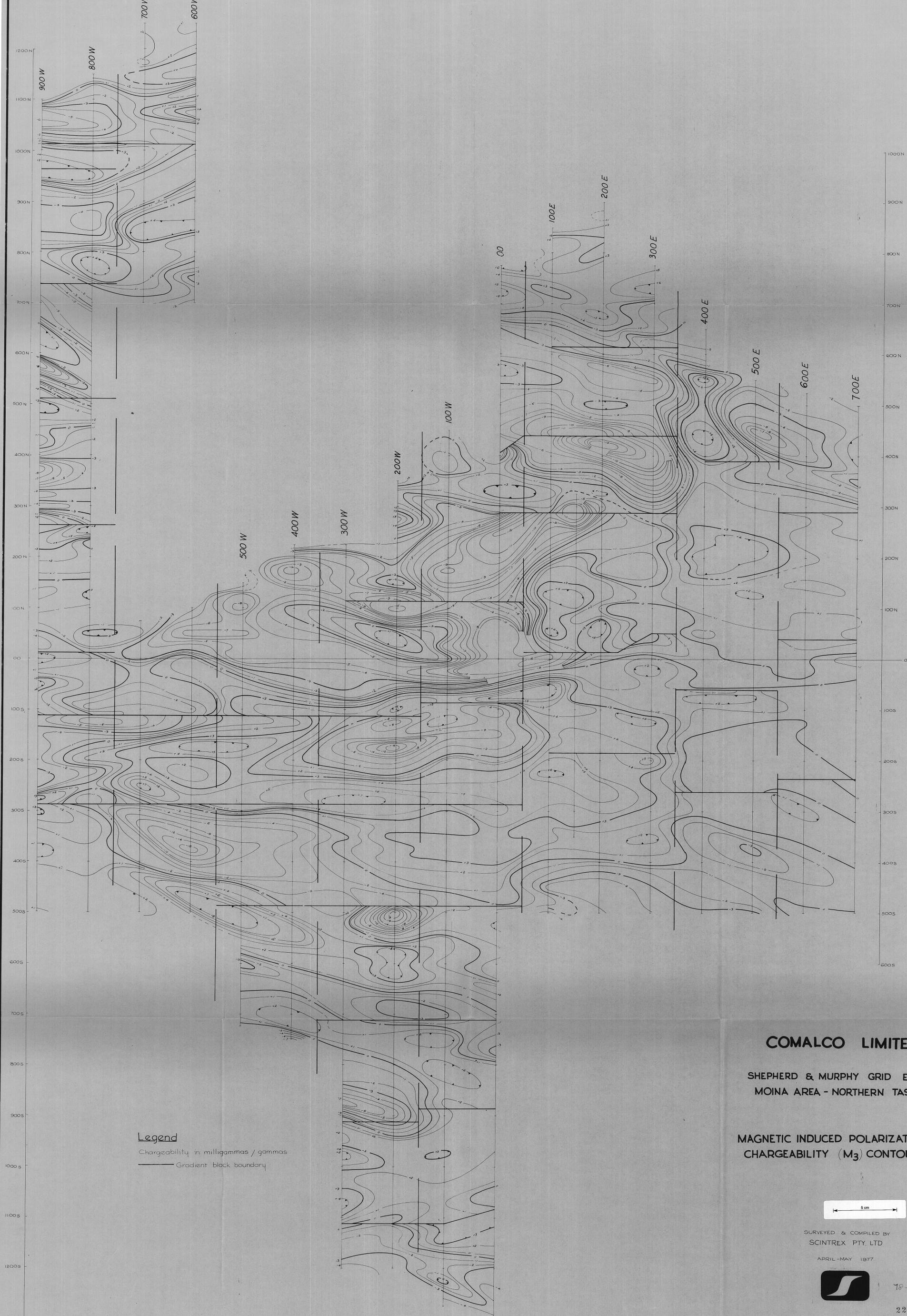


**Traverse No 3
Line 200E 0-200S**



NOTE: GRAVIMETER SODIN WS 410
Sensitivity 0.01 mgal.
Readings repeatable to 0.03 mgals.
Regional trend of gravity.

COMALCO LIMITED
221697 TASMANIA MOINA-EL 7/74
GRAVITY SURVEY MOINA
FREE-AIR GRAVITY PROFILE
5 cm
2488
Compiled: H.C. Lau Revised: Drawn: M. Attwell.
Date February 1978 Scale: Vert as indicated Drg No TAS-78-122



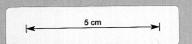
COMALCO LIMITED

SHEPHERD & MURPHY GRID EL 7/74
MOINA AREA - NORTHERN TASMANIA

MAGNETIC INDUCED POLARIZATION SURVEY
CHARGEABILITY (M₃) CONTOUR PLAN

Legend

Chargeability in milligammas / gammas
— Gradient block boundary



SURVEYED & COMPILED BY
SCINTREX PTY LTD

APRIL - MAY 1977



78-1305

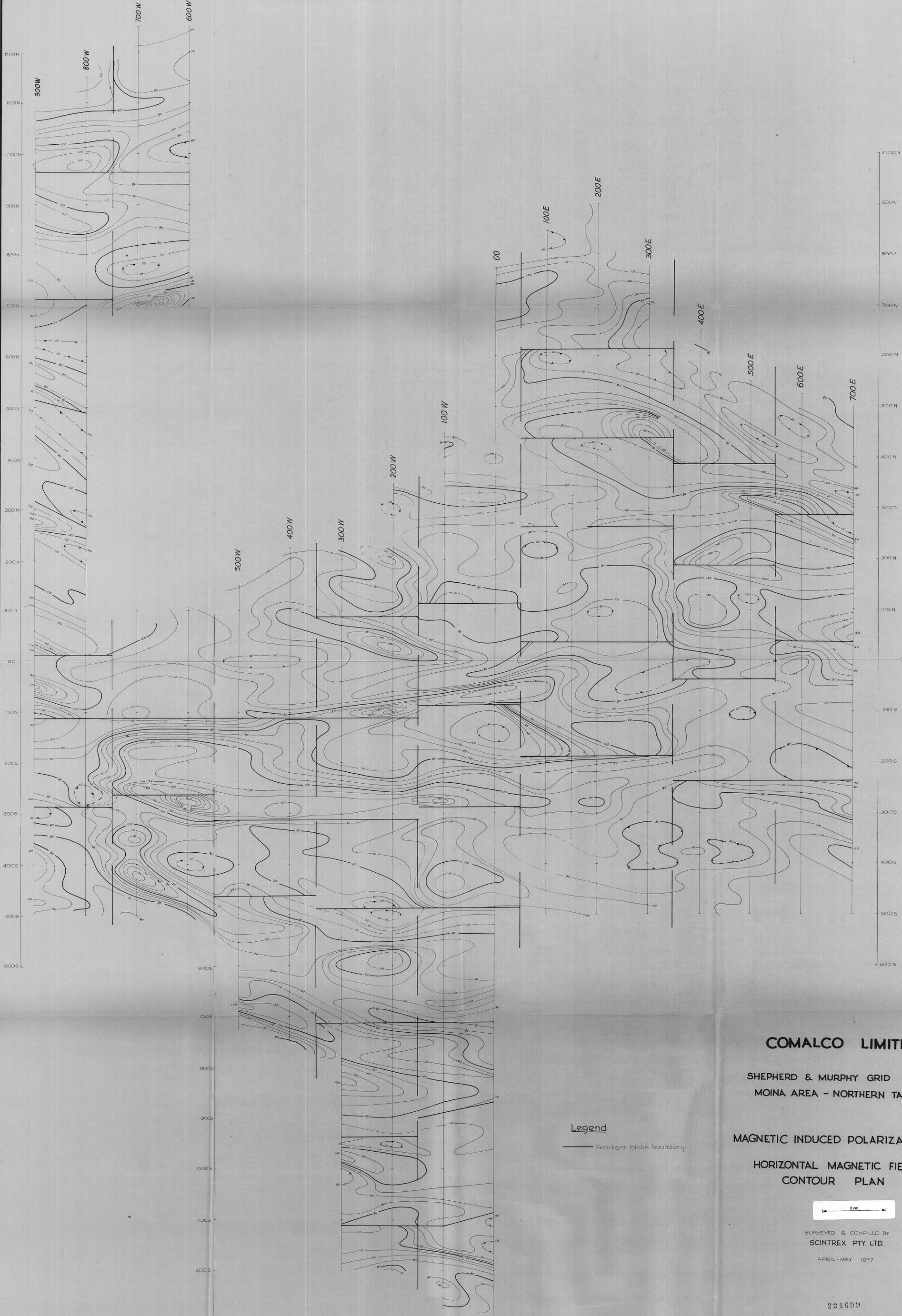
221698

SCALE 1:2500

2429

Job No TAS-040 Sheet 1 of 1 PLATE I

TAS-78-134

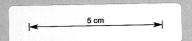


COMALCO LIMITED

SHEPHERD & MURPHY GRID EL 7/74
MOINA AREA - NORTHERN TASMANIA

MAGNETIC INDUCED POLARIZATION SURVEY

HORIZONTAL MAGNETIC FIELD
CONTOUR PLAN



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SCINTREX PTY. LTD.

APRIL - MAY 1977

221699

78-1305

SCALE 1:2500

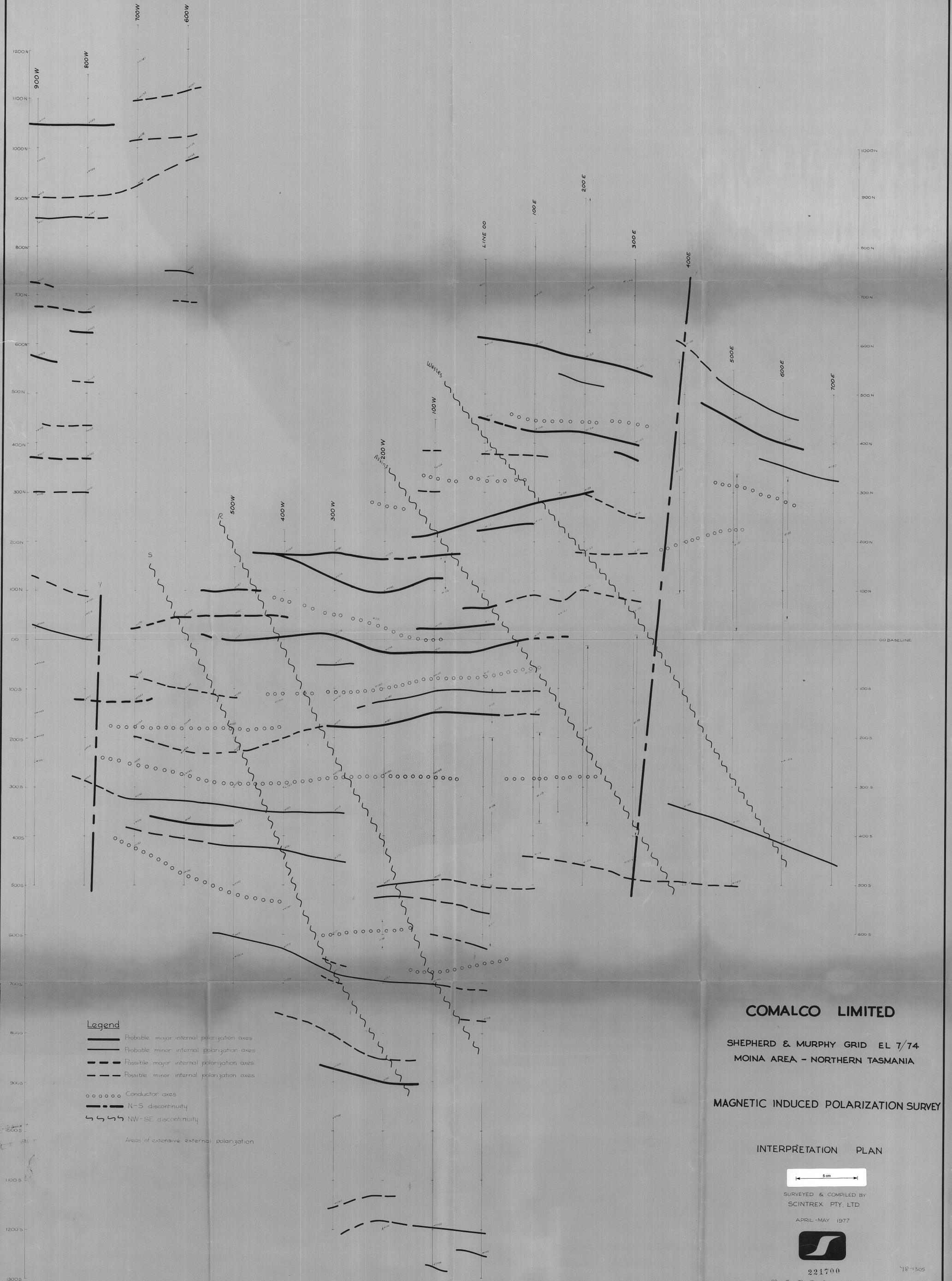
2490

Job No TAS-040

Sheet 1 of 1

PLATE 2.

TAS-78-135



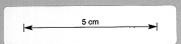
- Legend**
- Probable major internal polarization axes
 - - - Probable minor internal polarization axes
 - Possible major internal polarization axes
 - - - Possible minor internal polarization axes
 - o o o o o Conductor axes
 - N-S discontinuity
 - ~ ~ ~ NW-SE discontinuity
 - Areas of extensive external polarization

COMALCO LIMITED

SHEPHERD & MURPHY GRID EL 7/74
MOINA AREA - NORTHERN TASMANIA

MAGNETIC INDUCED POLARIZATION SURVEY

INTERPRETATION PLAN



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APRIL - MAY 1977



221700

SCALE 1:2500