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PROJECT NAME: COMSTAFF PROPRIETARY LIMITED
PIEMAN AREA (INPUT ANOMALY GAO)

TITLE: 1979 REPORT ON WORK COMPLETED

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AUSTRALIAN ANGLO AMERICAN LIMITED

Incorporated in the State of Victoria

CONTENTS

1. SUMMARY
2. INTRODUCTION
 - 2.1 General
 - 2.2 Objectives
 - 2.3 Location and Access
 - 2.4 Infrastructure
3. PREVIOUS WORK
4. WORK COMPLETED
 - 4.1 Access and Grid Cutting
 - 4.2 Geological Mapping
 - 4.3 Geochemical Surveys
 - 4.3.1 Auger Sampling
 - 4.3.2 Humus Sampling
 - 4.4 Geophysical Surveys
 - 4.4.1 Ground Magnetometer Survey
 - 4.4.2 Ground EM Survey
5. GEOLOGY
 - 5.1 Local Geology
 - 5.2 Regional Geology
 - 5.3 Economic Geology
6. GEOCHEMICAL SURVEYS
 - 6.1 Auger Sampling
 - 6.2 Humus Sampling
7. GEOPHYSICAL SURVEYS
 - 7.1 Ground Magnetics Survey
 - 7.2 Ground EM Survey
8. CONCLUSIONS AND RECOMMENDATIONS
9. LIST OF PLANS AND SECTIONS
10. REFERENCES

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Pieman Area (Input Anomaly GAO)

1979 Report on Work Completed

1. SUMMARY

A standard Input Anomaly testing programme was completed over Anomaly GAO, consisting of gridding, geological mapping, geochemical sampling, a Crone EM survey and a ground magnetometer survey.

Geological data obtained from the grid was nil, with no outcrop present in the gridded area. There is evidence of glacial material of indeterminate depth.

All four grid lines were geochemically sampled at the A⁰, or humus, horizon. One line (5360N) was also sampled by hand auger, but penetration through glacial gravel was impossible, so A⁰ sampling was done in preference. Results were patchy, with very low levels of Cu, Ni, Pb and Ba. Zinc values gave some weakly anomalous responses, but they are not regarded as significant.

The Crone EM, and ground magnetic surveys did not give any anomalous responses.

It is concluded that the Input anomaly does not represent a finite source, but is probably a stratigraphic feature.

2. INTRODUCTION

2.1 General

This report relates to an integrated exploration programme over part of EL 5/63, Part 6, referred to as the Pieman area, or GAO grid area. The report describes the mapping programme, and the geochemical and geophysical surveys. The results of the field work are discussed in detail, conclusions drawn and recommendations made.

2.2 Objectives

By utilising standard exploration techniques to find the position of Input anomaly GAO on the ground, and to determine the likely source of the anomaly.

2.3 Location and Access

The area is situated on the western side of the Pieman River, and about 1.5 km west of Rosebery, (Plan TAS/2/1802) Access to the grid area is via the Murchison Highway to

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a point about 5 km north of Tullah, thence west along the HEC Pieman Road for about 13 km to the old Comstaff Huskisson South Track. This track is followed south for about 7 km to an old grid (grid GAH), and is only passable to 4 wheel-drive vehicles (chains required in wet weather). Access to the GAO grid is then by foot eastwards along an old GAH grid line for 500m, then along a cut track for another 1 km to the GAO origin (5360N, 5100E).

2.4 Infrastructure

The grid area is about 1 km from the Emu Bay Railway, but across the Pieman River. Rosebery is a major town on the west coast of Tasmania, with all facilities available. A new Hydro Electric Power Scheme is presently being constructed on the Pieman River, which is due to come on stream in 1985.

3. PREVIOUS WORK

No detailed work has been carried out in the immediate area of the grid prior to the present programme. A regional mapping programme was carried out in the Summer Field Season 1971/72, (Pigott, 1972).

More detailed exploration was carried out in the 1973/74 Summer Field Season, (Orr, 1974). This work consisted of grid cutting, mapping and sampling over ultramafic intrusives (serpentinites). Some gridding was extended eastwards to the Pieman River 1200m north of the GAO grid, but no outcrop was visible, and geochemical sampling produced no anomalous results. Work by University and Geological Survey Geologists in the area has been incorporated in the regional interpretation, (Loftus Hills, Solomon and Hall, 1967; Braithwaite, 1974).

4. WORK COMPLETED

4.1 Access and Grid Cutting

The Huskisson South track south of the HEC Pieman Road, was cleared of fallen trees. Contrast grid cutters (Purton Bros.) were used to cut the walking access track to the grid, and to cut the grid. The access track is 1520m long, and was surveyed by tape and compass.

A four line grid was cut, with 800m long lines 120m apart. Tie lines were cut at the west and east ends of the grid. All lines were surveyed by tape and compass. A total of 3970m of line were erected.

4.2 Geological Mapping

All grid lines and tie-lines were mapped.

4.3 Geochemical Surveys

4.3.1 Auger sampling

Line 5360N was auger sampled at all 20m survey points, for a total of 41 samples. The intention was to sample the soil-bedrock interface, but it was found that a thick humic swampy layer covered glacial gravel and debris. The samples were dried and sieved to -80 mesh, and analysed by AAS for Cu, Ni, Pb and Zn, and by XRF for Ba, Mn and Fe.

4.3.2 Humus sampling

All four lines were surface sampled at the 20m survey stations. Samples were taken of the top few centimetres of the humus/soil cover, dried and sieved to -80 mesh. Analabs Pty. Ltd., Perth, analysed all 166 samples by AAS for Cu, Ni, Pb, Zn, Mn, Fe and by XRF for Ba.

4.4 Geophysical Surveys

4.4.1 Ground Magnetometer Survey

A proton precision magnetometer was used to survey all the grid lines at 20m intervals. Results were corrected for diurnal variation, and plotted as profiles.

4.4.2 Ground EM Survey

A shootback Crone EM survey was carried out over the grid using a 140m coil separation. This survey was intended to verify Input Anomaly GAO, and to pinpoint its position on the ground.

5. GEOLOGY

5.1 Local Geology

No outcrop was seen on any of the grid lines, tie lines or access track, therefore no comment can be made on the position the area occupies in the regional stratigraphy.

5.2 Regional Geology

Input anomaly GAO occurs to the west of the Owen Thrust which is a shallow angle (35°), east dipping thrust. This thrust separates the thick acid volcanic pile of the Mt. Read Volcanics to the east, from the sedimentary eugeosynclinal sequence to the west. The GAO anomaly is interpreted as occurring in rocks of the Rosebery Series, a sequence of black laminated shales; west facing sandstones with minor conglomerate beds (Stitt Quartzite); west facing, banded, green and bluish shales; fuchsitic conglomerate; and green and purple shales. Bedding and facing data indicate a synclinal axis close to the fuchsitic conglomerate, with a complementary anticlinal axis further west. More sandstones, shales and conglomerate are mapped in the anticlinal structure. This sequence is evident, with some lateral facies variation, along the Pieman River to the north and south of GAO.

The Rosebery Series is in faulted contact with the thick sedimentary sequence of the Crimson Creek Argillites to the west. This fault (Pieman Fault) was mapped by Pigott (1972) in the Pieman River. It is a major north-south fault, which appears to follow the Marionoak River to the north, at least to the Hollway Riveulet between the Chester (EAD) area and the Pinnacles (EAA) area in EL 5/63 Part 4. The fuchsitic conglomerate mapped in the Pieman River is well exposed on the HEC Pieman Road to the north, and in the western part of EAD grid (Hall, 1978). Mapping of the EAD grid indicates that the Rosebery Series has been significantly attenuated, probably by the Owen Thourt rather than an original depositional feature.

South of the Pieman River there is also evidence of attenuation of the Series, again as a result of the Owen Thrust, (Loftus-Hills et.al, 1967).

The Rosebery Series is difficult to relate to the regional stratigraphy, but is possibly of similar age to part of the Mt. Read Volcanics, and is possibly related to the Crimson Creek Argillites west of the Pieman Fault.

Mapping of the Pieman River by Pigott (1972) indicated acid tuffaceous and pyroclastic units within the Rosebery Series, which provide evidence of volcanic activity in the area.

5.3 Economic Geology

The only mineralization noted within the Rosebery Series is that at Salmons Claim on the east side of the Pieman River, associated with Input Anomaly GAJ. No details are available for this mineralization so it cannot be related to any specific unit within the Rosebery Series. However Perkin (1977), on Fig 6 from that report, records two lodes at Salmons Claim, one a 5m wide lode of disseminated chalcopyrite and pyrite in a sericitic porphyroid wacke (reworked tuff?), within purple and blue-black slate; the other is noted as a 2m wide lode of galena and sphalerite, with minor chalcopyrite and pyrite in sheared calcitic argillaceous schist.

6. GEOCHEMICAL SURVEYS

6.1 Auger Sampling

Line 5360N was auger sampled at 20m intervals. Results for Cu, Ni and Pb are uniformly low, with the maximum values for Cu of 10 ppm, for Ni, 15 ppm and Pb, 10 ppm. Results for Zn are uniformly low from 5000E to 5580E, with a maximum value of 15 ppm; from 5600E to 5800E the values increase approximately sixfold, with a maximum of 65 ppm. There is no apparent reason for the change, and it is not regarded as significant.

Ba values do not show great variation, with most values being less than 100 ppm. From 5340E to 5420E, there is a rise in values to twice background, and a maximum of 220 ppm. This is not related to any other geochemical feature, and is not regarded as significant.

There is a crude relationship between the Mn and Fe results, particularly at the western end of the line; but no anomalous values are present.

No other lines were augered due to the thick humus and glacial gravel overburden.

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6.2 Humus Sampling

The humus sampling of line 5360N gave little variation in value from the auger drilling, with the exception of Zn. Cu, Ni, Ba, Mn and Fe values give similar backgrounds and maxima. Pb gives slightly elevated values, with a maximum of 60 ppm. Zn gives the greatest variation, with an average of 87 ppm and a peak of 1150 ppm. No significance can be placed on these results as they are only single element anomalies, occurring on an east facing slope that may have been contaminated by the Rosebery concentrating plant only 1.5 km to the east.

The statistics for Cu, Pb, Zn and Ba for the humus sampling of the total grid are as follows:-

	Cu	Pb	Zn	Ba
No. of Samples	165	165	165	165
Lowest Value	0	0	0	0
Highest Value	80	70	1500	140
Mean	10.3	14.7	127.3	40.1

Zn is the only element which has given elevated values, but no real pattern to these values is discernible.

7. GEOPHYSICAL SURVEYS

7.1 Ground Magnetic Survey

The results of this survey have been plotted as stacked profiles (Plan No. TAS/2/1866). No magnetic trends are evident, and no finite responsive zones are present. The results do not enable any interpretation to be made, except that there is no magnetic unit in the area.

7.2 Ground EM Survey (Crone Shootback)

This survey, using the high frequency range, produced no anomalies. This means that the presence of Input Anomaly GAO has not been confirmed, and would seem to indicate that the anomaly does not represent a finite source, and may be affected by the substantial glacial cover in the area.

8. CONCLUSIONS AND RECOMMENDATIONS

A standard programme of work has been completed in the vicinity of Input Anomaly GAO, with no positive results.

No further work can be recommended for the area.

9. GAO PLANS

Category	Plan No.	Title	Scale
Location	TAS/2/1586	Location of Comstaff Leases in Tasmania	1:2 500 000
"	" " 1408	Comstaff Project Map	1:250 000
"	" " 1802	GAO : Grid Location	1: 50 000
Geology	TAS/2/1756	Regional Geology Interpretation	1: 50 000
Geochemistry	TAS/2/1859	A ^o Cu Values and Contours	1: 2 500
"	" " 1860	A ^o Ni Values and Contours	1: 2 500
"	" " 1861	A ^o Pb Values and Contours	1: 2 500
"	" " 1862	A ^o Zn Values and Contours	1: 2 500
"	" " 1863	A ^o Ba Values and Contours	1: 2 500
"	" " 1864	A ^o Mn Values and Contours	1: 2 500
"	" " 1865	A ^o Fe Values and Contours	1: 2 500
"	TAS/2/1910	5360N Profile : Auger Sampling Cu, Ni, Pb, Zn	1: 2 500
Geophysics	TAS/2/1866	Ground Magnetometer : Stacked Profiles	1: 2 500
"	" " 1867	Crone EM : Stacked Profiles	1: 2 500
Composite	TAS/2/1868	Line 5000N Profile) Topography,	1: 2 500
"	TAS/2/1869	Line 5120N Profile) Geochemistry,	1: 2 500
"	TAS/2/1870	Line 5240N Profile) Ground Magnet-	1: 2 500
"	TAS/2/1871	Line 5360N Profile) ics, Crone EM	1: 2 500

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9.

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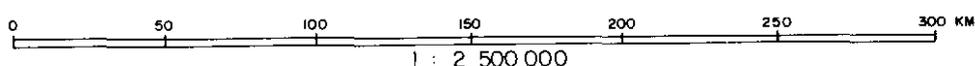
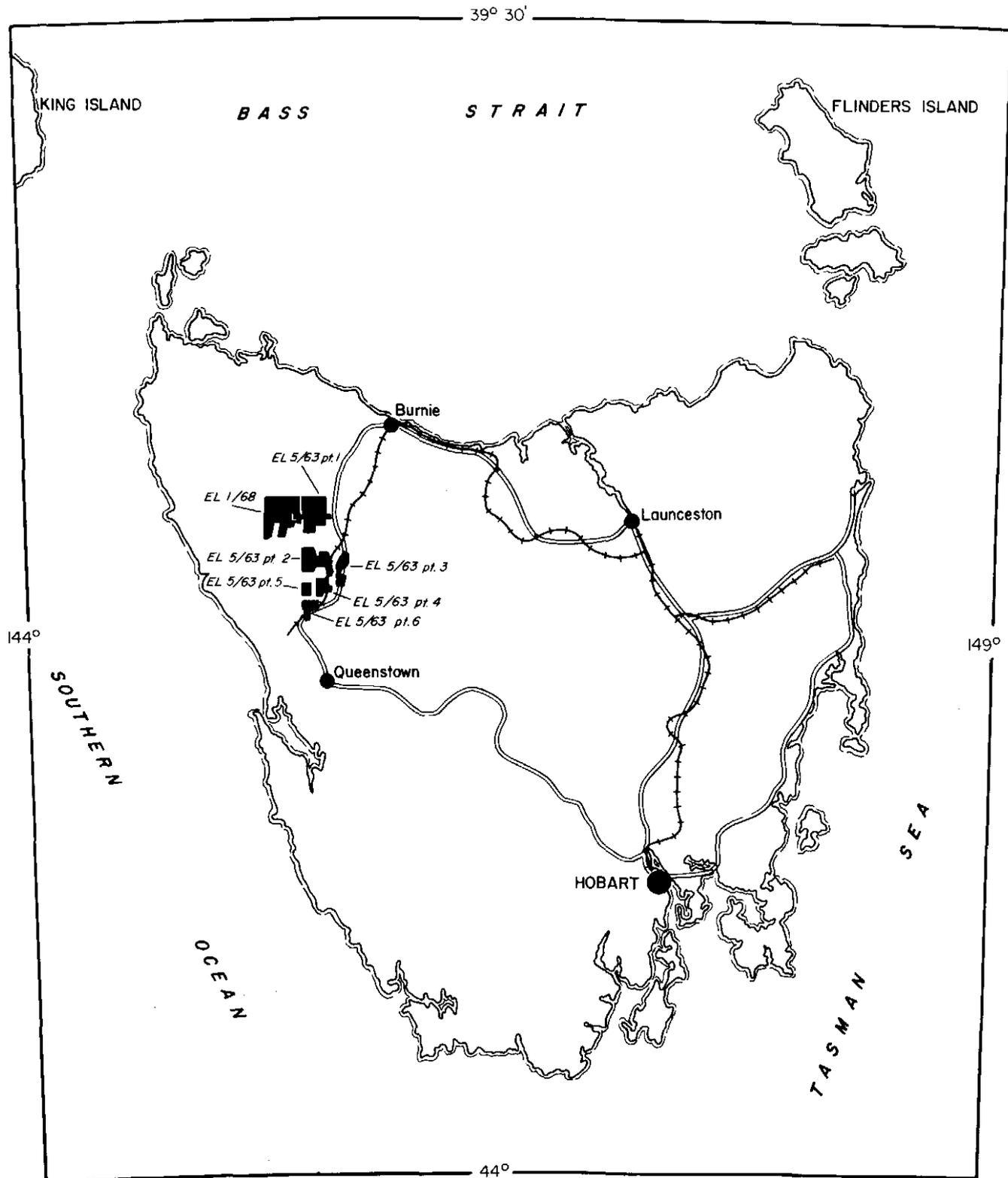


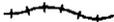
D. B. Hall
SENIOR GEOLOGIST (PREUSSAG)

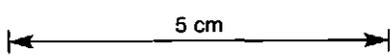
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011

157012



-  Major roads
-  Major railways
-  Major towns
-  Comstaff lease areas

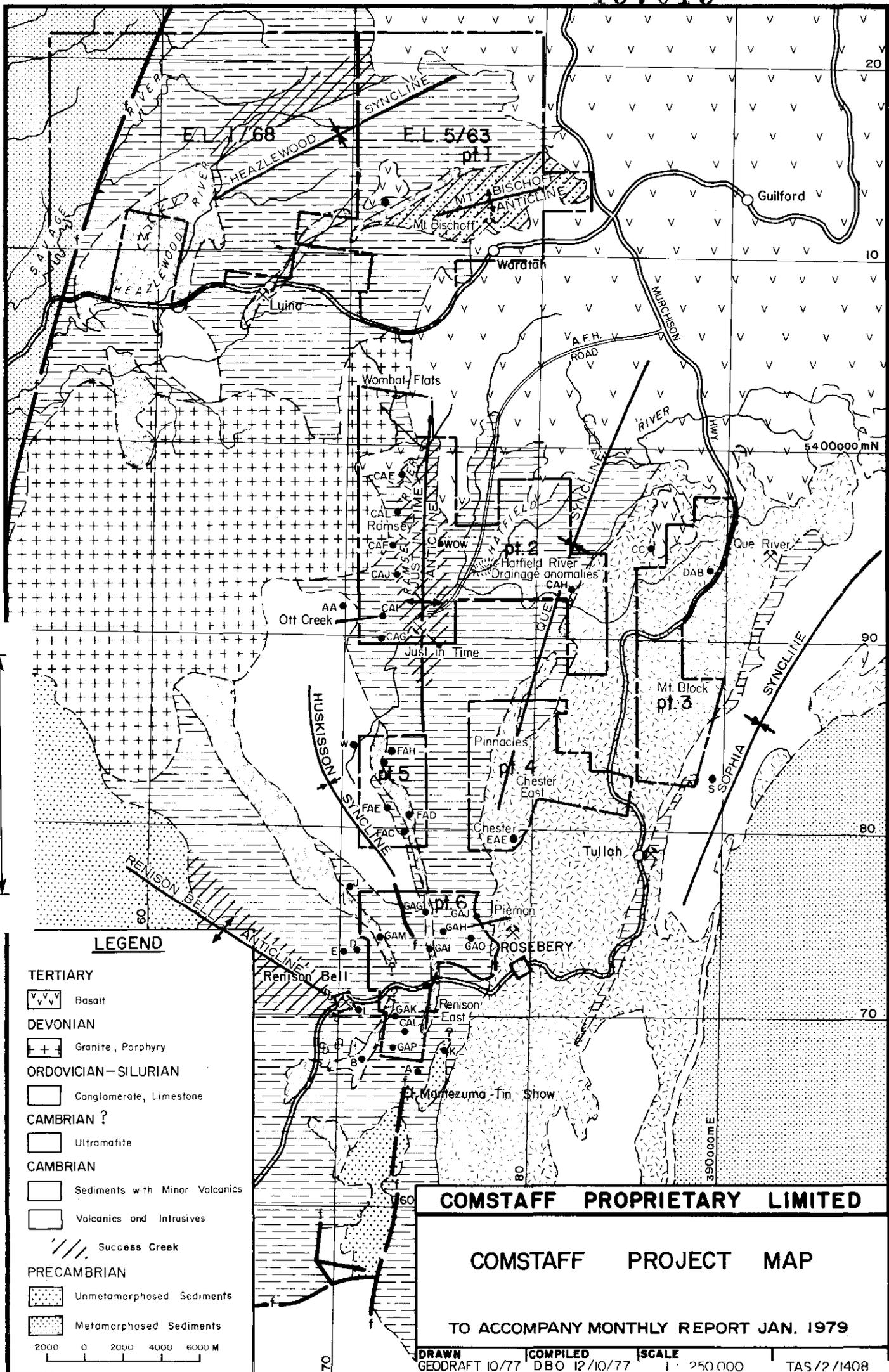


COMSTAFF PROPRIETARY LIMITED

LOCATION OF COMSTAFF LEASES

IN TASMANIA

012



LEGEND

TERTIARY

Basalt

DEVONIAN

Granite, Porphyry

ORDOVICIAN-SILURIAN

Conglomerate, Limestone

CAMBRIAN ?

Ultramafite

CAMBRIAN

Sediments with Minor Volcanics

Volcanics and Intrusives

Success Creek

PRECAMBRIAN

Unmetamorphosed Sediments

Metamorphosed Sediments

2000 0 2000 4000 6000 M

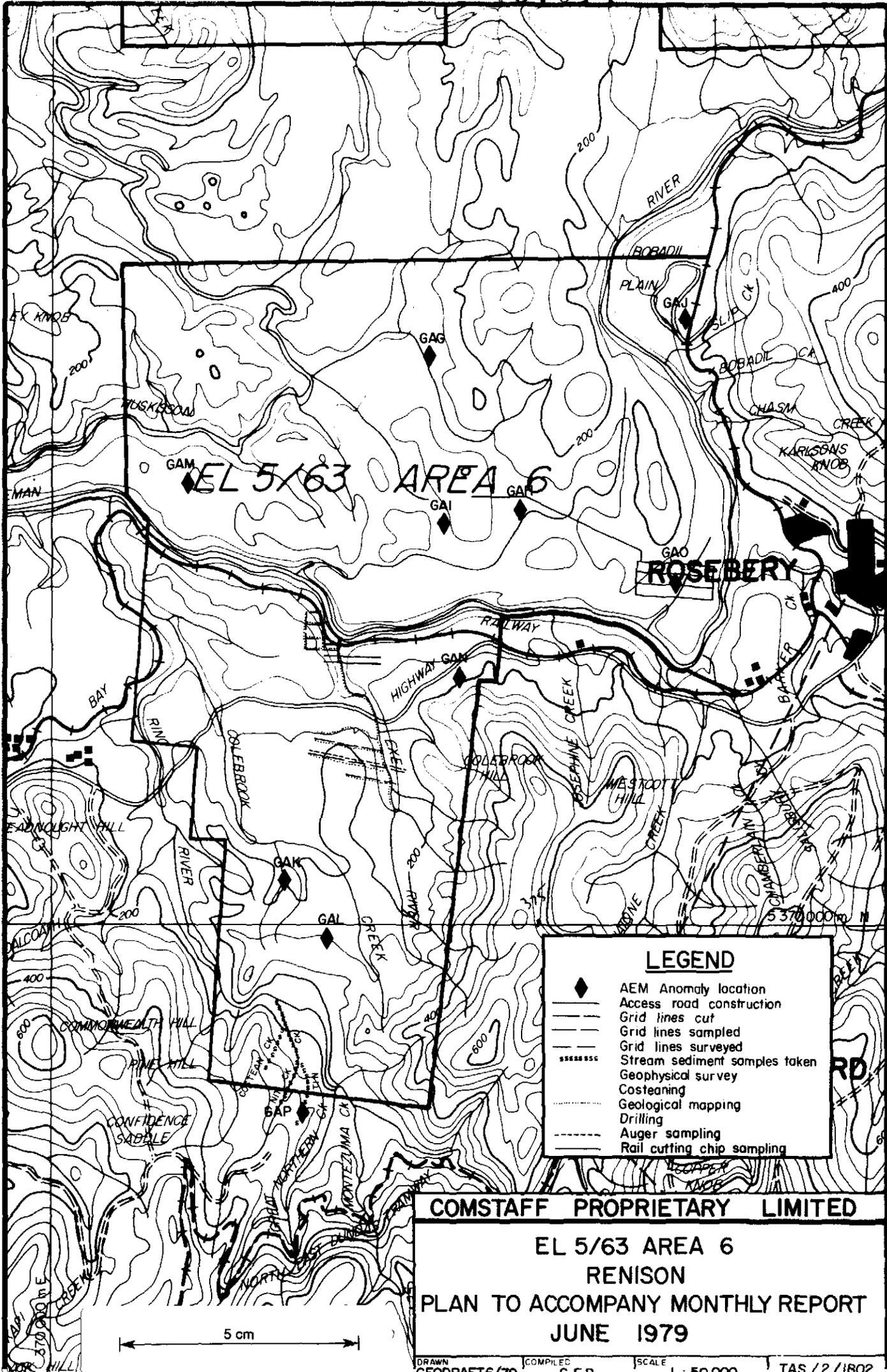
COMSTAFF PROPRIETARY LIMITED

COMSTAFF PROJECT MAP

TO ACCOMPANY MONTHLY REPORT JAN. 1979

DRAWN GEODRAFT 10/77 | COMPILED DBO 12/10/77 | SCALE 1:250,000 | TAS/2/1408

013



LEGEND

- ◆ AEM Anomaly location
- Access road construction
- Grid lines cut
- Grid lines sampled
- Grid lines surveyed
- Stream sediment samples taken
- Geophysical survey
- Costeaming
- Geological mapping
- Drilling
- Auger sampling
- Rail cutting chip sampling

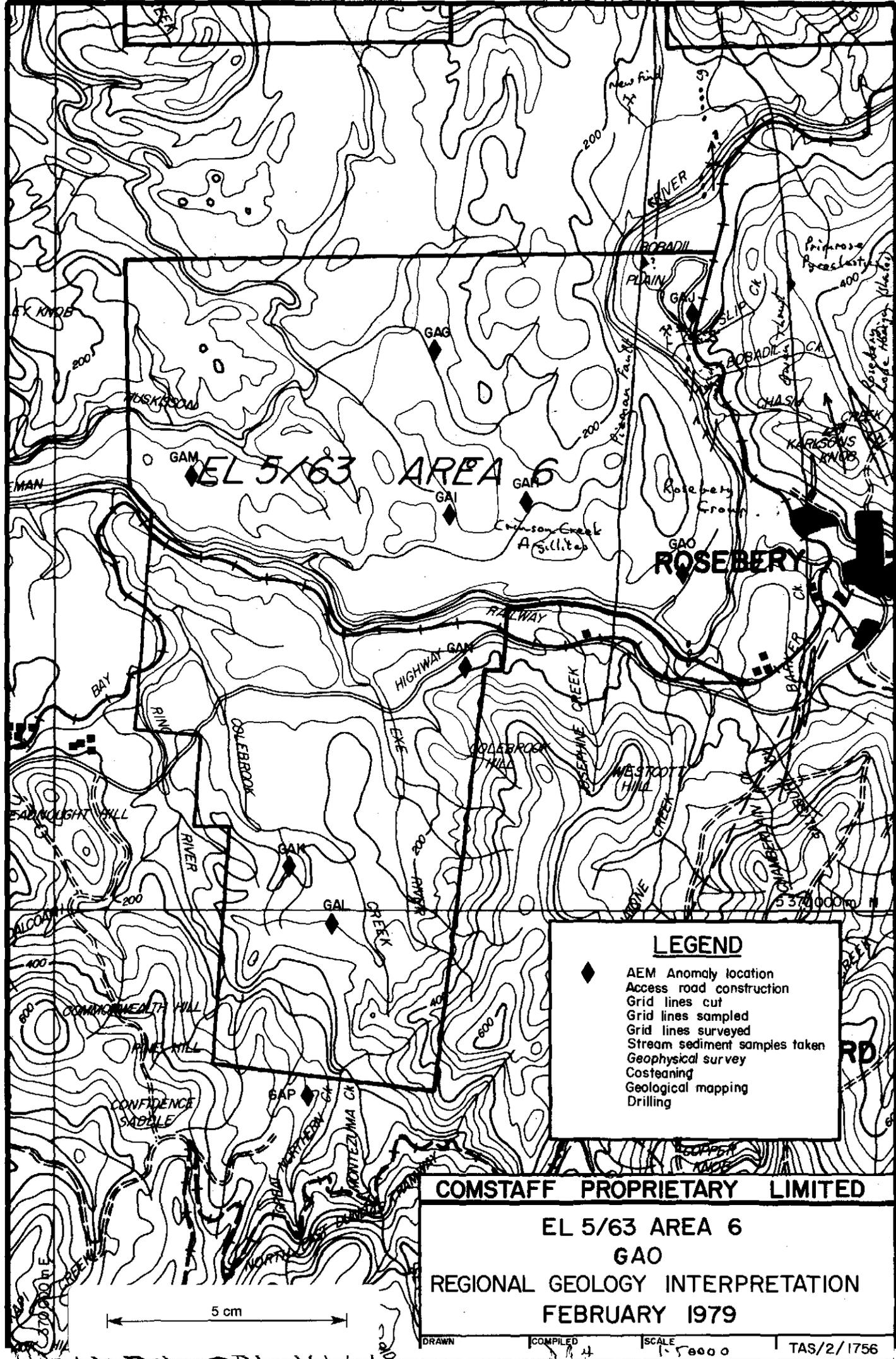
COMSTAFF PROPRIETARY LIMITED

EL 5/63 AREA 6
RENISON
PLAN TO ACCOMPANY MONTHLY REPORT
JUNE 1979

5 cm

014

157015



LEGEND

- ◆ AEM Anomaly location
- Access road construction
- Grid lines cut
- Grid lines sampled
- Grid lines surveyed
- Stream sediment samples taken
- Geophysical survey
- Costeasing
- Geological mapping
- Drilling

COMSTAFF PROPRIETARY LIMITED

EL 5/63 AREA 6

GAO

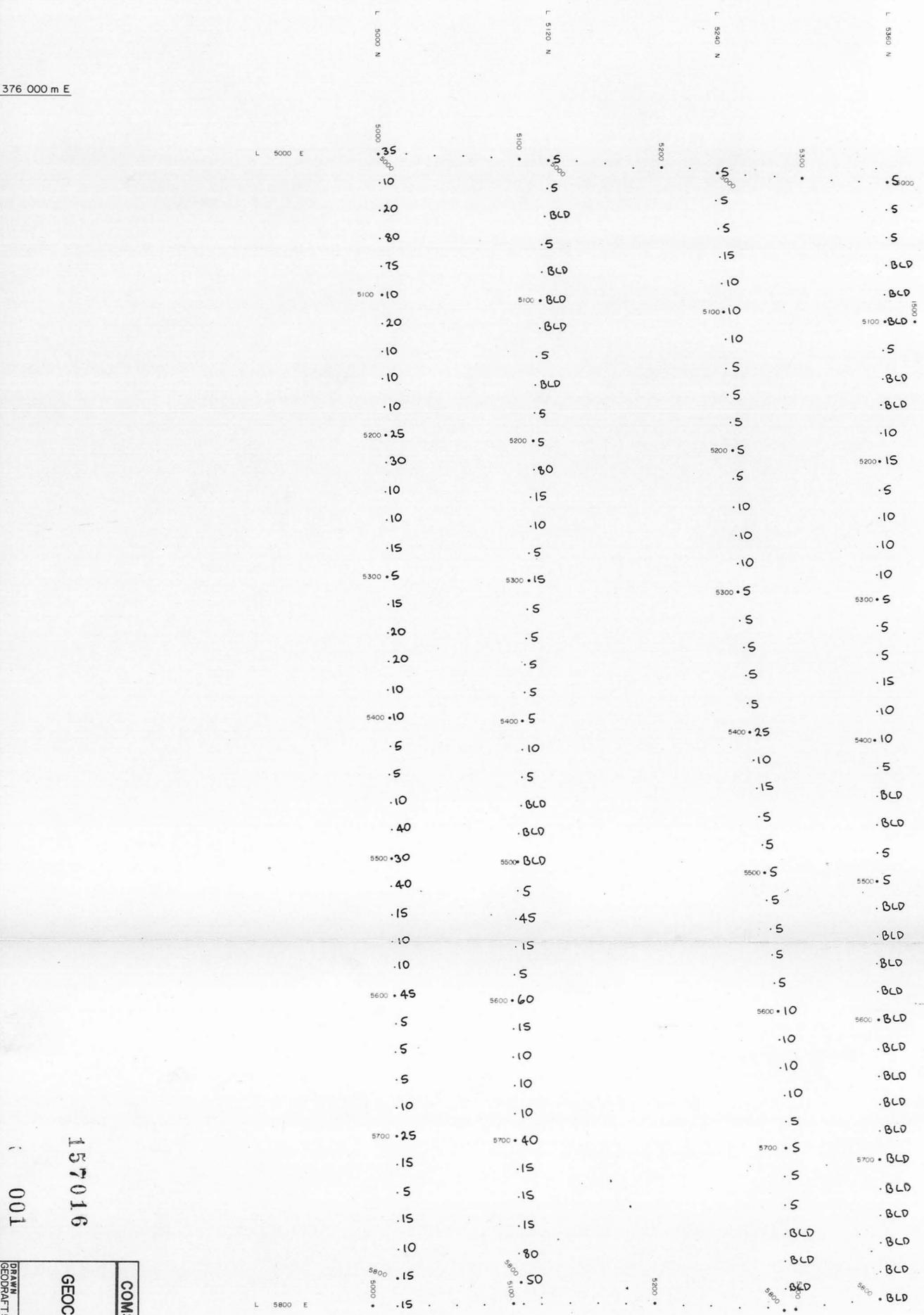
REGIONAL GEOLOGY INTERPRETATION

FEBRUARY 1979

5 cm

5 374 000 m N

376 000 m E

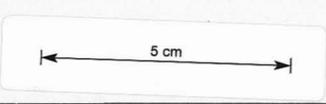


157016
001

COMSTAFF PROPRIETARY LIMITED
 RENISON GRID - GAO
 GEOCHEMICAL GRID HUMUS SAMPLING
 COPPER RESULTS in ppm

79-1363

377 000 m E



5 374 000 m N

376 000 m E

L 5000 N	L 5100 N	L 5200 N	L 5300 N
5000	5100	5200	5300
.40	.25	.BLD	.BLD
.40	.20	.BLD	.BLD
.40	.5	.BLD	.BLD
.45	.10	.BLD	.65
.60	.5	.BLD	.10
5100 .5	5100 .5	5100 .BLD	5100 .5
.5	.5	.BLD	.BLD
.5	.5	.BLD	.BLD
.10	.BLD	.BLD	.BLD
.BLD	.BLD	.BLD	.BLD
5200 .45	5200 .5	5200 .BLD	5200 .BLD
.5	.5	.BLD	.BLD
.10	.BLD	.5	.BLD
.BLD	.BLD	.5	.BLD
.10	.BLD	.BLD	.BLD
5300 .BLD	5300 .BLD	5300 .BLD	5300 .BLD
.BLD	.BLD	.BLD	.BLD
.BLD	.BLD	.BLD	.BLD
.BLD	.BLD	.BLD	.BLD
.BLD	.BLD	.BLD	.BLD
5400 .BLD	5400 .BLD	5400 .5	5400 .BLD
.BLD	.BLD	.BLD	.BLD
.10	.BLD	.BLD	.BLD
.15	.BLD	.BLD	.BLD
.10	.BLD	.BLD	.BLD
5500 .15	5500 .BLD	5500 .BLD	5500 .BLD
.15	.BLD	.BLD	.BLD
.5	.BLD	.BLD	.BLD
.15	.BLD	.BLD	.BLD
.15	.BLD	.10	.BLD
5600 .5	5600 .BLD	5600 .5	5600 .BLD
.5	.BLD	.10	.BLD
.10	.BLD	.5	.BLD
.5	.BLD	.BLD	.BLD
.BLD	.BLD	.BLD	.BLD
5700 .BLD	5700 .BLD	5700 .BLD	5700 .BLD
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.BLD	.BLD	.5	.BLD
.BLD	.5	.5	.BLD
.BLD	.BLD	.5	.BLD
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.40	.BLD	.BLD	.BLD

ACCESS TRACK

1300
1400

157017

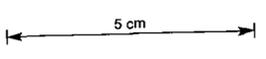
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COMSTAFF PROPRIETARY LIMITED

RENISON GRID - GAO
GEOCHEMICAL GRID HUMUS SAMPLING
NICKEL RESULTS in ppm

79-1363

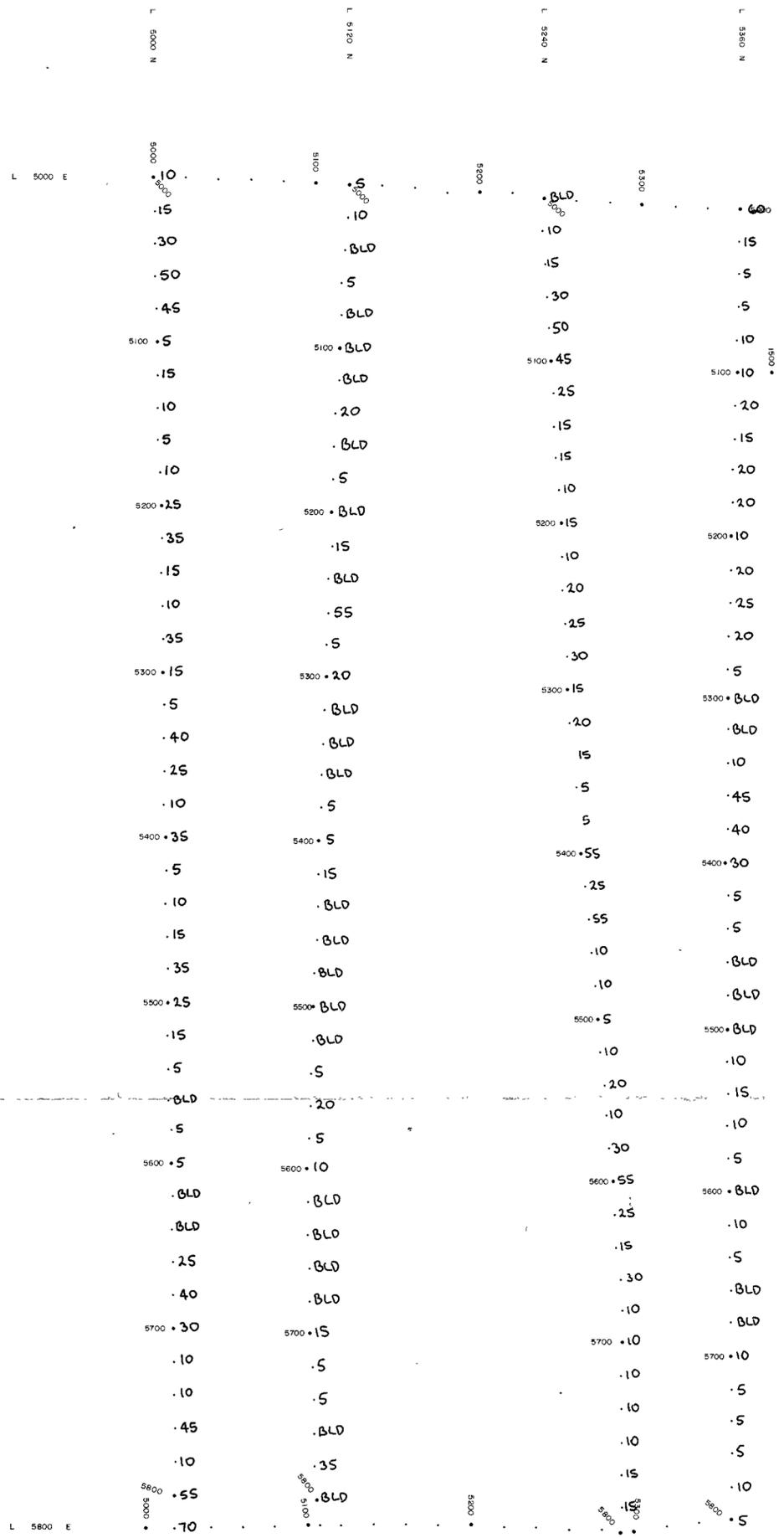
377 000 m E



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TAS/2/1980

5 374 000 m N

376 000 m E

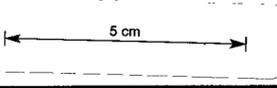


1000
1100
1200
1300
1400
1500

157018

79-1363

377 000 m E

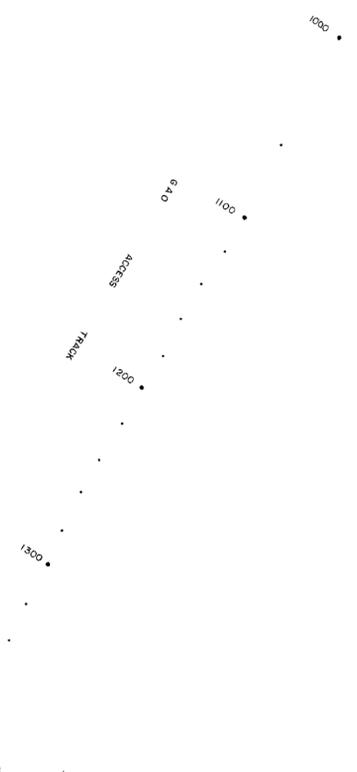
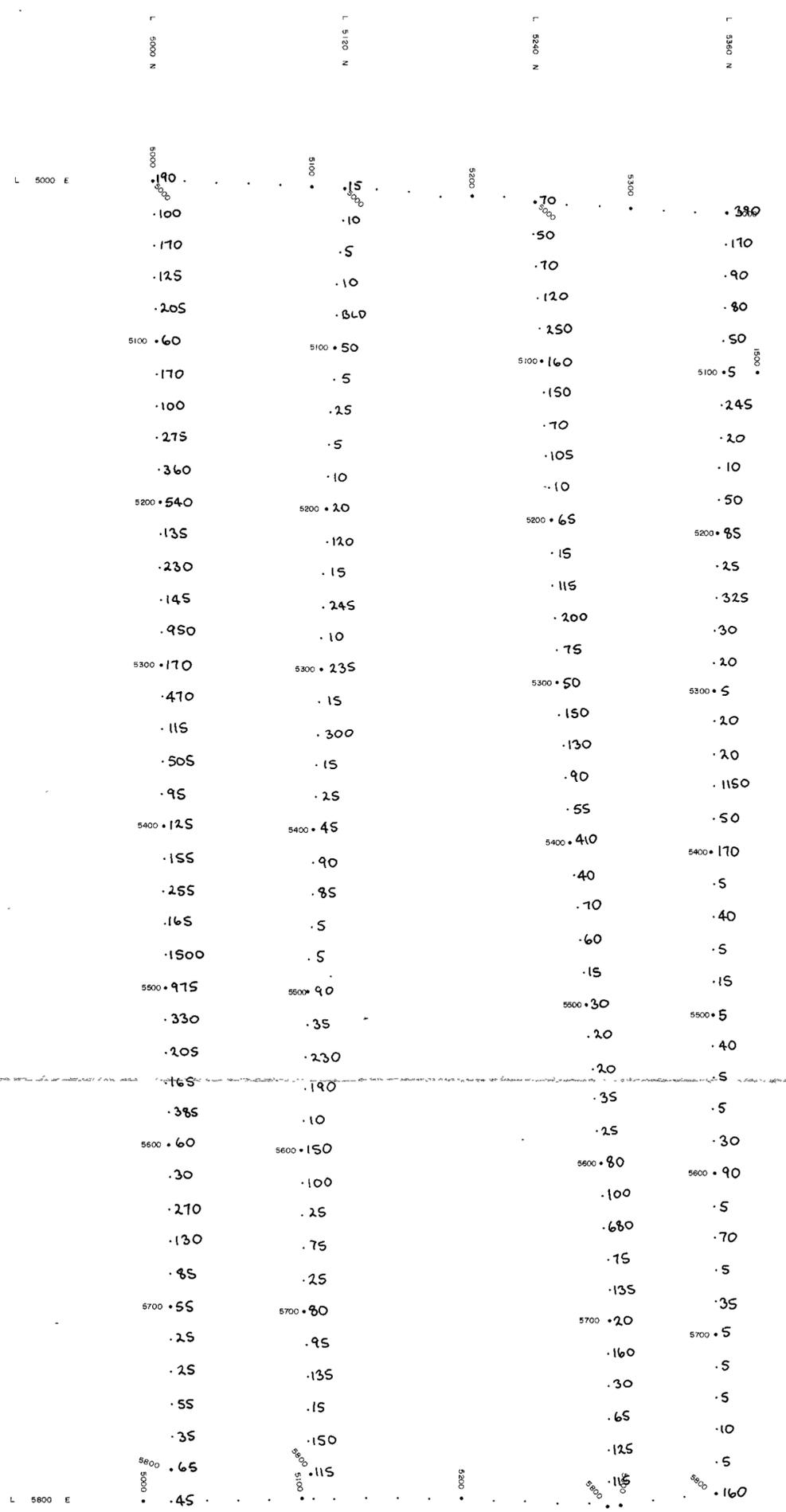


COMSTAFF PROPRIETARY LIMITED
 RENISON GRID - GAO
 GEOCHEMICAL GRID HUMUS SAMPLING
 LEAD RESULTS in ppm 003

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 DRAWN BY: JTB
 CHECKED BY: JTB
 SCALE: 1:2500
 TMS/2/1861

5 374 000 m N

376 000 m E

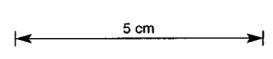


157019

COMSTAFF PROPRIETARY LIMITED
 RENISON GRID - GAO
 GEOCHEMICAL GRID HUMUS SAMPLING
 ZINC RESULTS in ppm
 004

791-1263

377 000 m E



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 SCALE: 2500
 TAs/2/1862

5 374 000 m N

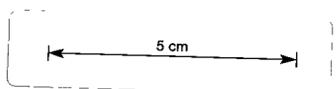
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157020

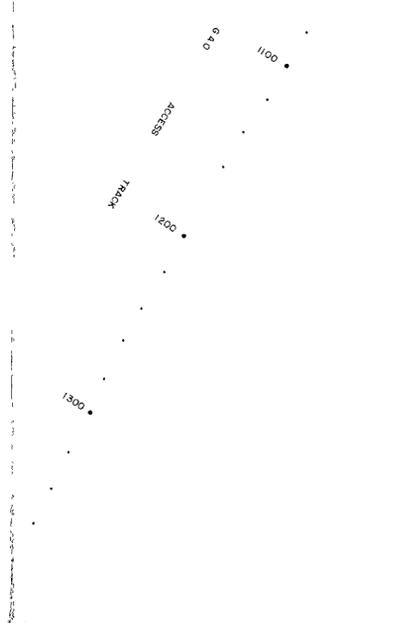
COMSTAFF PROPRIETARY LIMITED
 RENISON GRID - GAO
 GEOCHEMICAL GRID HUMUS SAMPLING
 BARIUM RESULTS in ppm
 005
 DRAWN BY: []
 GEODRAFT 5/79
 CHECKED BY: []
 GEODRAFT
 SCALE: 2500
 TMS/2/1983

19-1302

377 000 m E



Grid Reference	5000 N	5100 N	5200 N	5300 N	5400 N	5500 N	5600 N	5700 N	5800 N
L 5000 E	.40	.40	.40	.30	.30	.30	.30	.30	.40
L 5100 E	.40	.40	.40	.30	.30	.30	.30	.30	.40
L 5200 E	.70	.30	.50	.60	.60	.50	.40	.40	.40
L 5300 E	.100	.50	.60	.60	.30	.40	.30	.30	.40
L 5400 E	.120	.30	.60	.50	.40	.40	.30	.30	.40
L 5500 E	.30	.50	.50	.40	.40	.40	.30	.30	.40
L 5600 E	.40	.20	.50	.50	.40	.40	.30	.30	.40
L 5700 E	.30	.40	.30	.30	.40	.40	.30	.30	.40
L 5800 E	.40	.40	.20	.20	.20	.20	.20	.20	.40
L 5000 E	.100	.30	.30	.30	.30	.30	.30	.30	.40
L 5100 E	.40	.20	.40	.40	.40	.40	.30	.30	.40
L 5200 E	.30	.40	.40	.40	.40	.40	.30	.30	.40
L 5300 E	.40	.20	.40	.30	.30	.30	.30	.30	.40
L 5400 E	.40	.40	.20	.20	.20	.20	.20	.20	.40
L 5500 E	.100	.30	.30	.30	.30	.30	.30	.30	.40
L 5600 E	.40	.20	.40	.40	.40	.40	.30	.30	.40
L 5700 E	.30	.40	.30	.30	.30	.30	.30	.30	.40
L 5800 E	.40	.40	.20	.20	.20	.20	.20	.20	.40



5 374 000 m N

376 000 m E

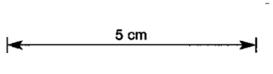
L 5000 N	L 5120 N	L 5240 N	L 5360 N
5000	5100	5200	5300
.225	.80	.30	.25
.190	.40	.45	.35
.555	.55	.40	.35
.605	.45	.95	.55
.735	.40	.30	.60
5100 .90	5100 .30	5100 .45	5100 .55
.55	.35	.65	.55
.85	.45	.45	.35
.60	.25	.45	.45
.80	.35	.25	.40
5200 .765	5200 .45	5200 .40	5200 .25
.270	.35	.45	.25
.60	.25	.50	.40
.40	.10	.35	.30
.40	.20	.45	.45
5300 .35	5300 .35	5300 .50	5300 .30
.45	.25	.50	.30
.40	.20	.45	.25
.15	.30	.45	.25
.55	.20	.60	.15
5400 .40	5400 .20	5400 .35	5400 .35
.95	.15	.25	.25
.55	.20	.30	.25
.95	.15	.45	.30
.60	.15	.40	.35
5500 .70	5500 .25	5500 .50	5500 .25
.55	.35	.40	.20
.65	.35	.40	.30
.75	.45	.35	.25
.105	.35	.80	.35
5600 .60	5600 .45	5600 .40	5600 .30
.75	.50	.70	.25
.75	.40	.15	.25
.40	.35	.70	.15
.20	.30	.55	.20
5700 .25	5700 .35	5700 .60	5700 .15
.35	.35	.60	.20
.35	.40	.55	.15
.20	.35	.55	.30
.60	.15	.45	.25
5800 .20	5800 .25	5800 .50	5800 .40
.95	.15	.50	
L 5800 E	L 5120 N	L 5240 N	L 5360 N

ACCESS TRACK

COMSTAFF PROPRIETARY LIMITED
 RENISON GRID - GAO
 GEOCHEMICAL GRID HUMUS SAMPLING
 MANGANESE RESULTS in ppm
 006

157021
 79-1363

377 000 m E

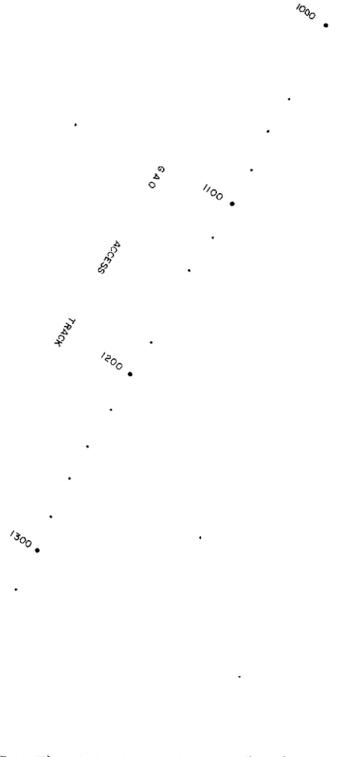


DRAWN: GEODRAFT 5/79
 COMPUTED: GEODRAFT
 SCALE: 2500
 TAD/2/1864

5 374 000 m N

376 000 m E

L 5000 N	L 5100 N	L 5200 N	L 5300 N	L 5400 N
5000	5100	5200	5300	5400
19000	11000	1300	1950	
14000	5750	3100	2200	
21000	2300	2650	2400	
28000	3400	5450	5300	
35000	1500	2050	4100	
5100 6600	5100 2200	5100 2750	5100 3700	
3900	1600	3200	3450	
5500	2350	2700	2200	
5700	1600	2500	2850	
6200	2350	1400	2700	
5200 33000	5200 2650	5200 2100	5200 1400	
12000	2300	2100	1750	
4200	1400	3100	2000	
2450	1600	1950	1800	
3600	1100	2450	3100	
5300 2300	5300 2000	5300 2900	5300 1950	
2700	1200	3250	2400	
3400	1600	2900	2500	
1200	1500	2900	2650	
6100	2100	3900	1600	
5400 1700	5400 1200	5400 2500	5400 2900	
6500	1100	1800	1850	
2400	1300	2150	2250	
6250	800	3200	2300	
3900	1000	2300	2300	
5500 4500	5500 1400	5500 3300	5500 2000	
3250	2200	2200	1600	
3700	1900	2450	1700	
4900	3500	2350	1500	
7400	2300	3900	2100	
5600 3750	5600 2100	5600 2100	5600 1650	
5000	2800	3800	1600	
5300	2300	2750	1500	
1600	1900	2250	1150	
1300	1900	2100	1600	
5700 1850	5700 1900	5700 3700	5700 1050	
2150	1900	3400	1200	
1850	2600	3400	1300	
2450	2400	3850	2200	
3600	1600	3000	2000	
5600 2500	5600 2100	5600 3800	5600 2100	
7900	2100	3800		



COMSTAFF PROPRIETARY LIMITED
 RENISON GRID - GAO
 GEOCHEMICAL GRID HUMUS SAMPLING
 IRON RESULTS in ppm
 007

79-1363

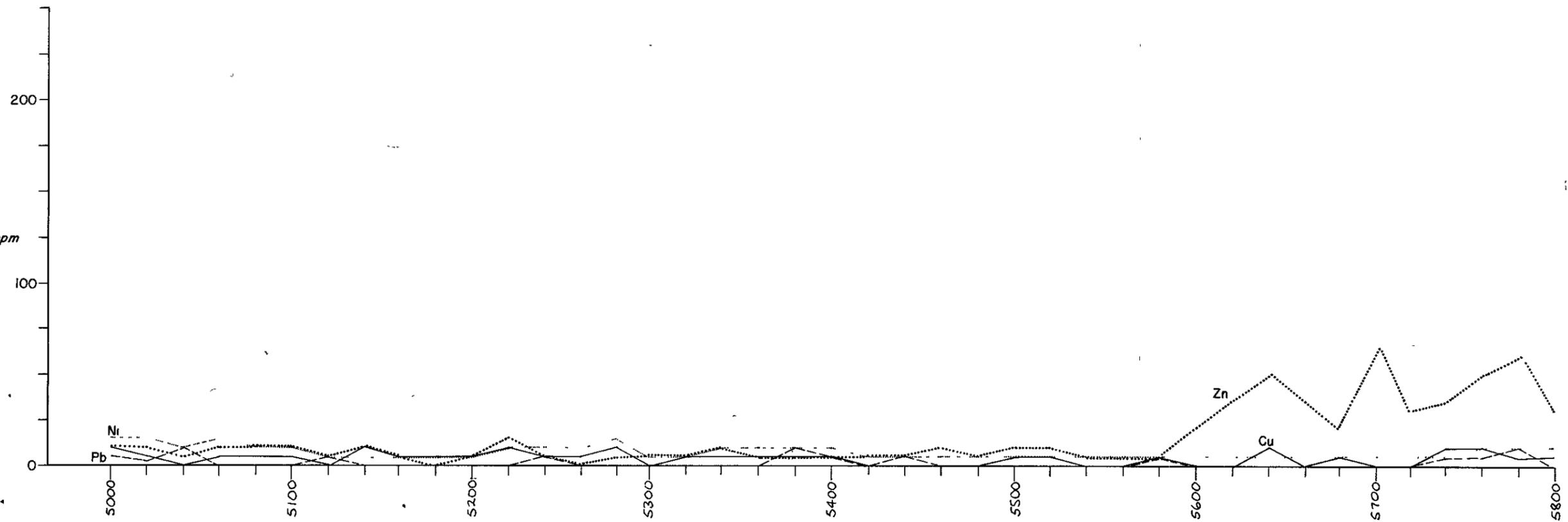
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377 000 m E



DRAWN BY: GEORJALF 5/79
 COMPILED BY: GEORJALF
 SCALE: 2800
 T.A.S./2/1985

GEOCHEMISTRY ppm



5 cm

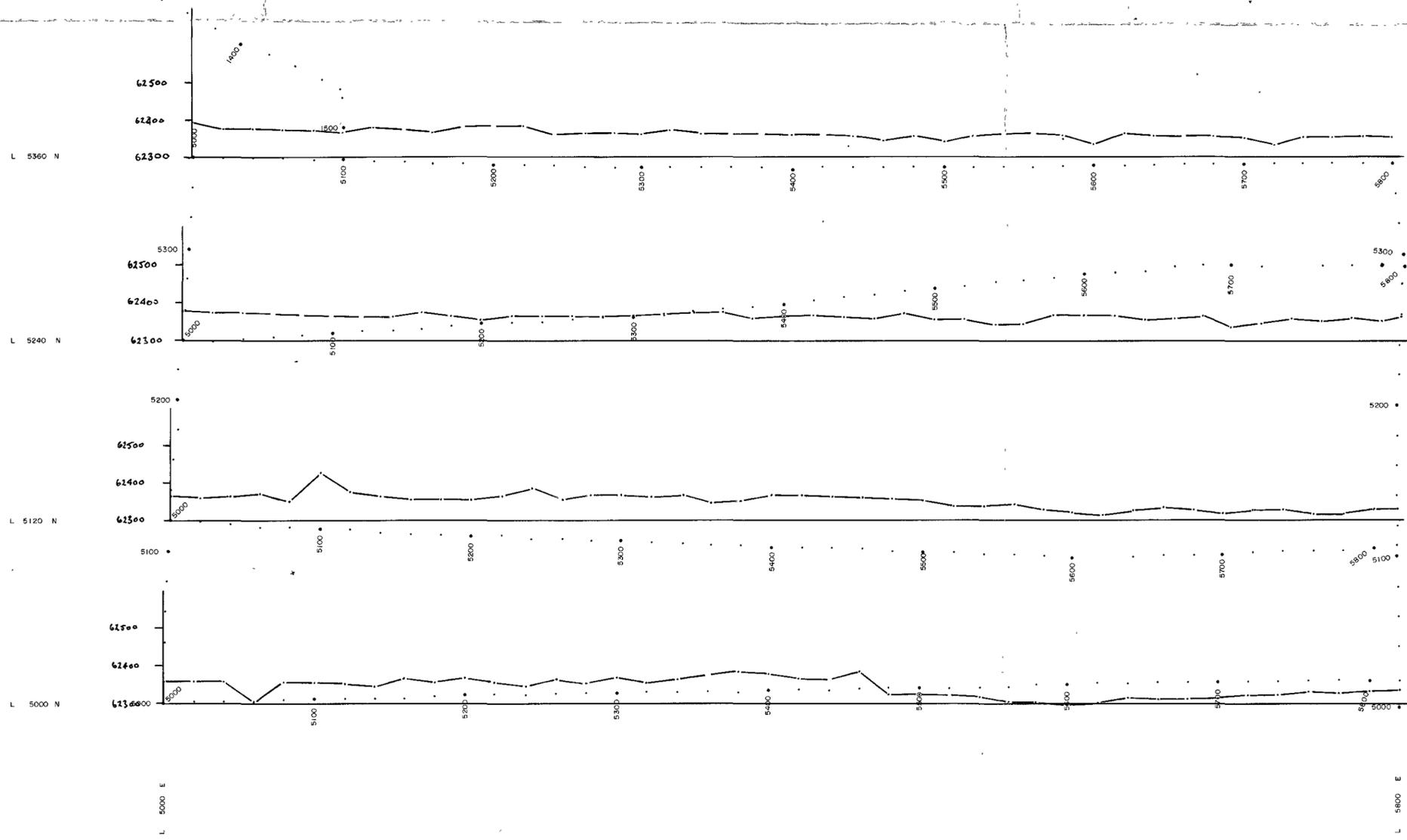
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79-1363

COMSTAFF PROPRIETARY LIMITED			
RENISON GRID - GAO			
L 5360 N PROFILE 008			
GEOCHEMICAL AUGER SAMPLING RESULTS			
DRAWN GEODRAFT 6/79	COMPILED GEODRAFT	SCALE 1 : 2500	TAS/2/1910

1000
1100
1200
1300
G.A.D.
ACCESS
TRACK

5 374 000 m N



376 000 m E

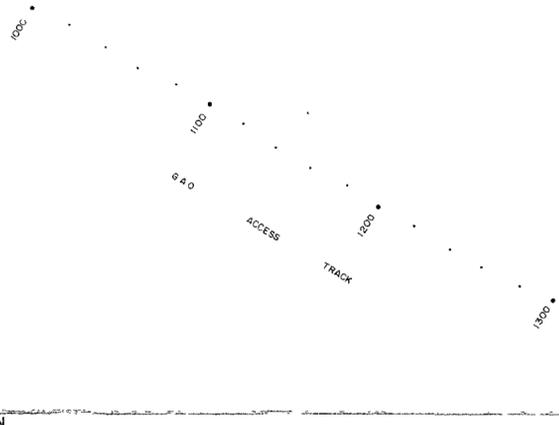
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79-1363

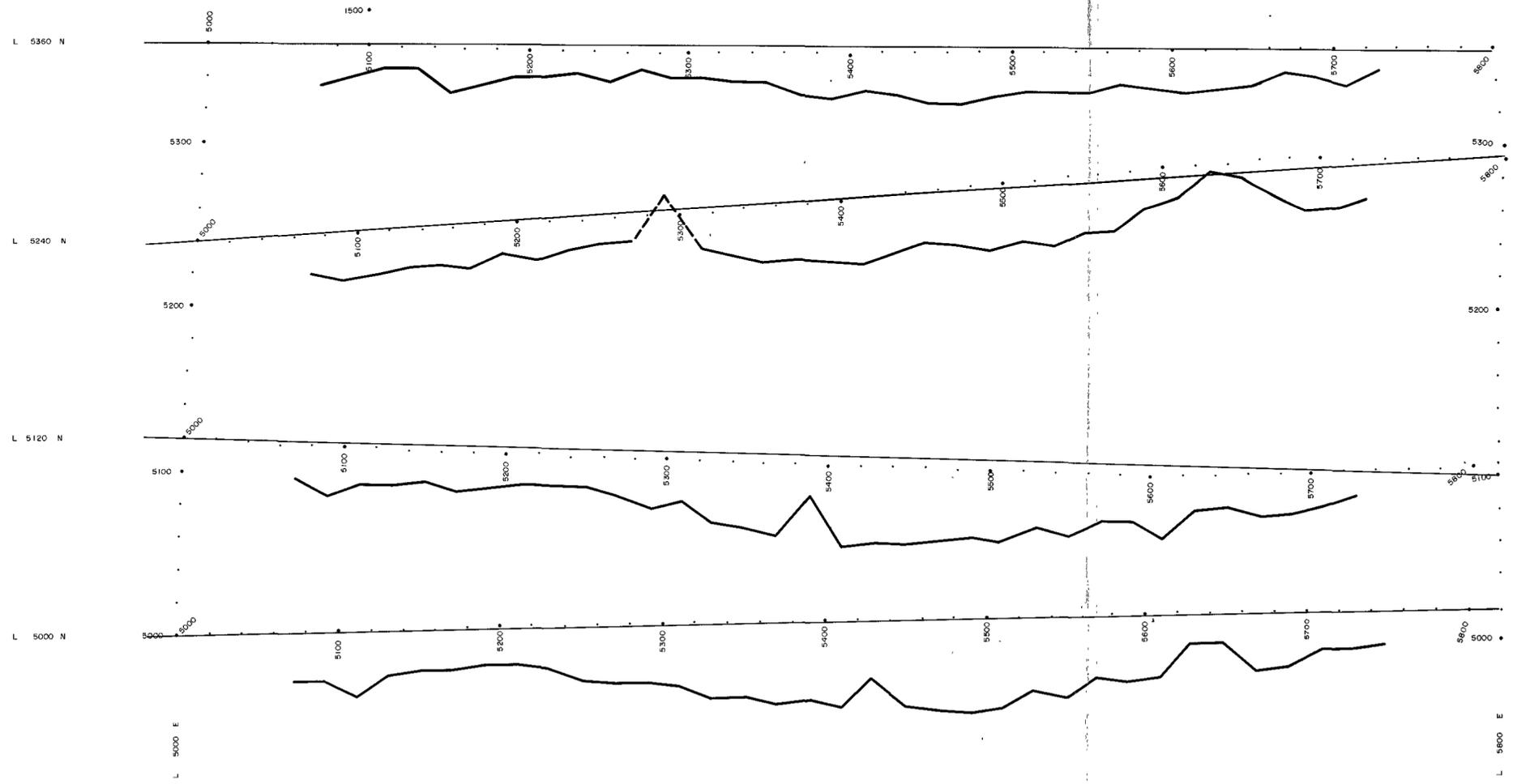
377 000 m E

COMSTAFF PROPRIETARY LIMITED			
RENISON GRID - GAO 000			
STACKED GROUND MAGNETIC PROFILES			
DRAWN GEODRAFT/5/79	COMPILED GEODRAFT	SCALE 1 2500	TAS/2/1866

5 cm



5 374 000 m N

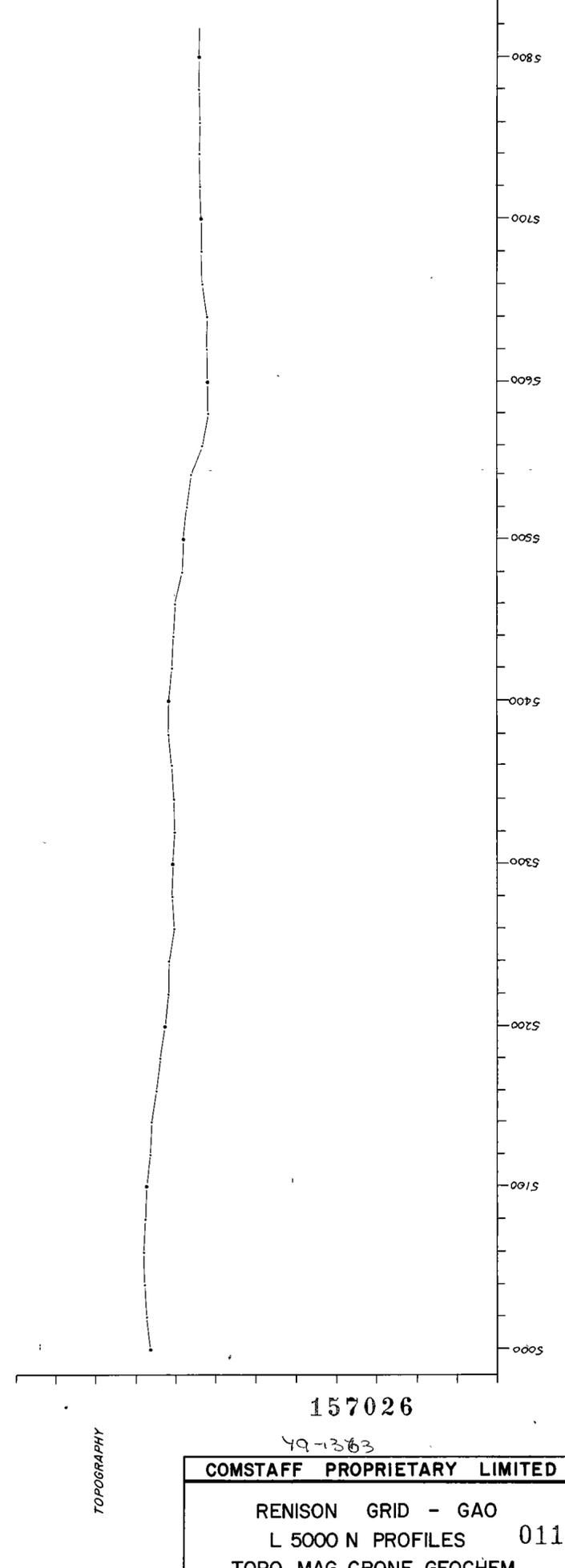
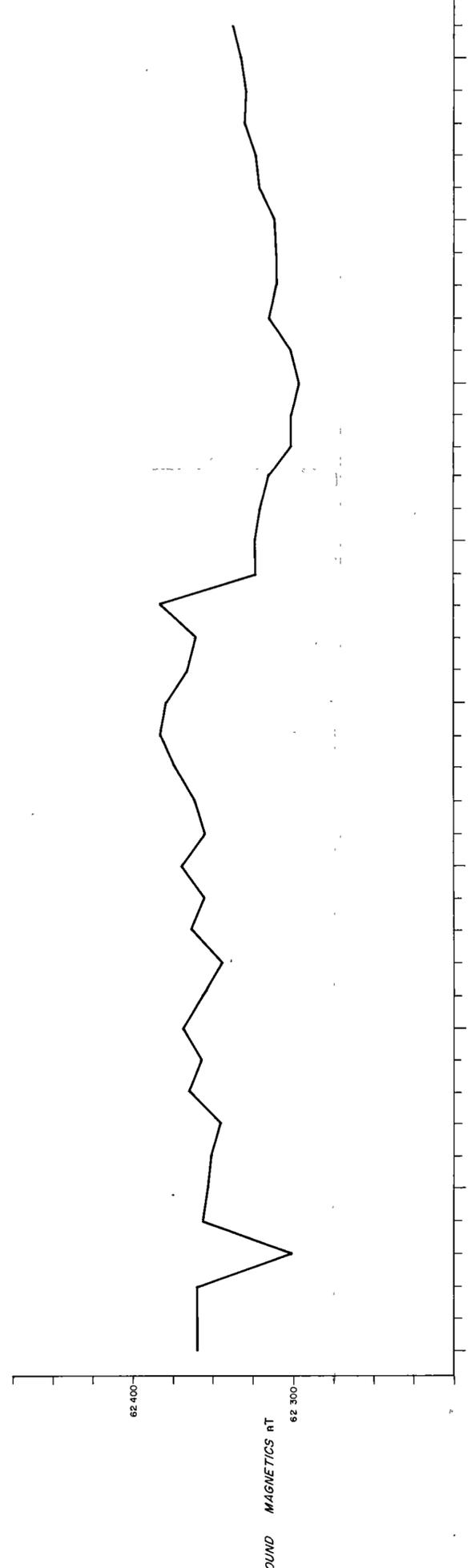
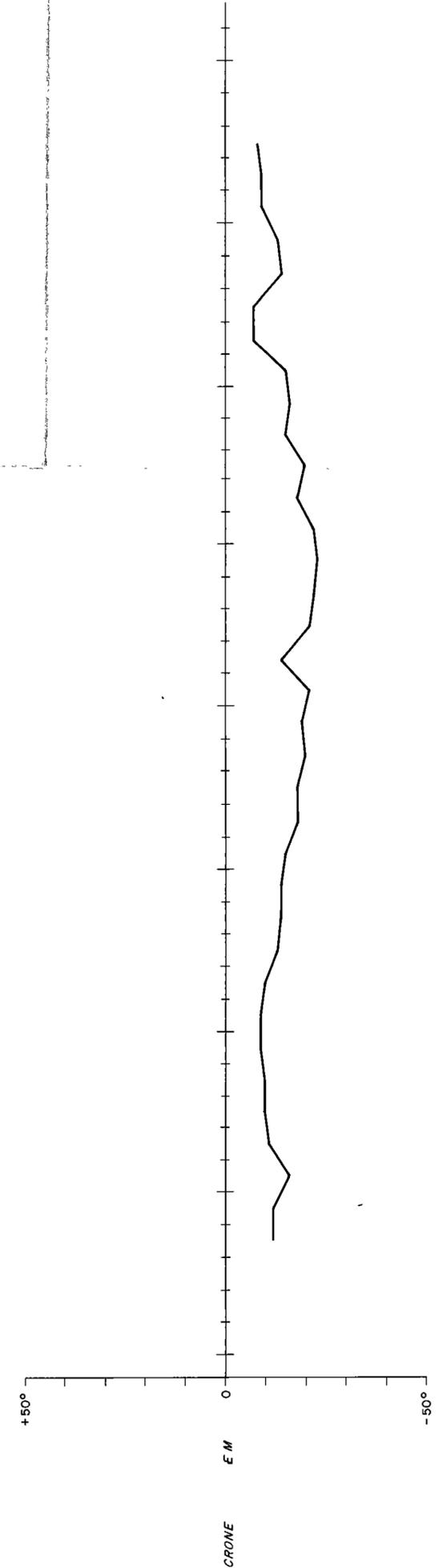
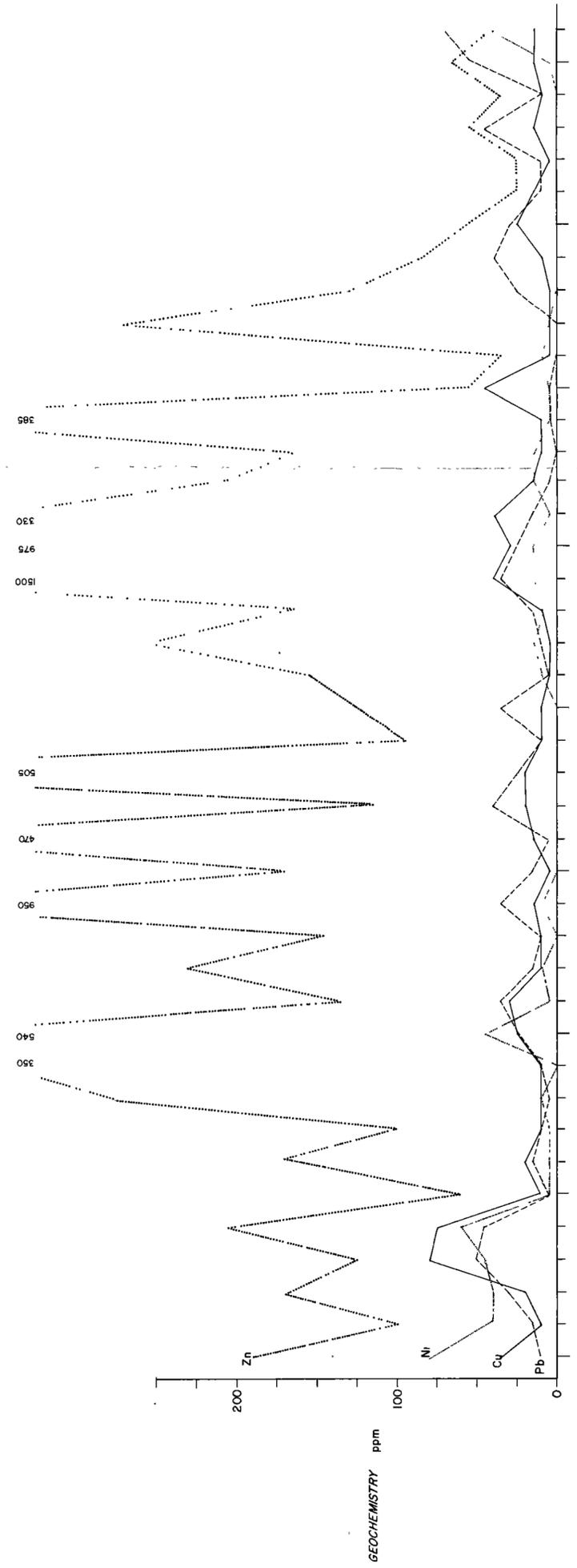


376 000 m E

157025
79-1263

377 000 m E

COMSTAFF PROPRIETARY LIMITED			
RENISON GRID - GAO			
STACKED CRONE E.M. PROFILES			
010			
DRAWN GEODRAFT 5/79	COMPILED GEODRAFT	SCALE 1 2500	TAS/2/1867



157026

49-1363

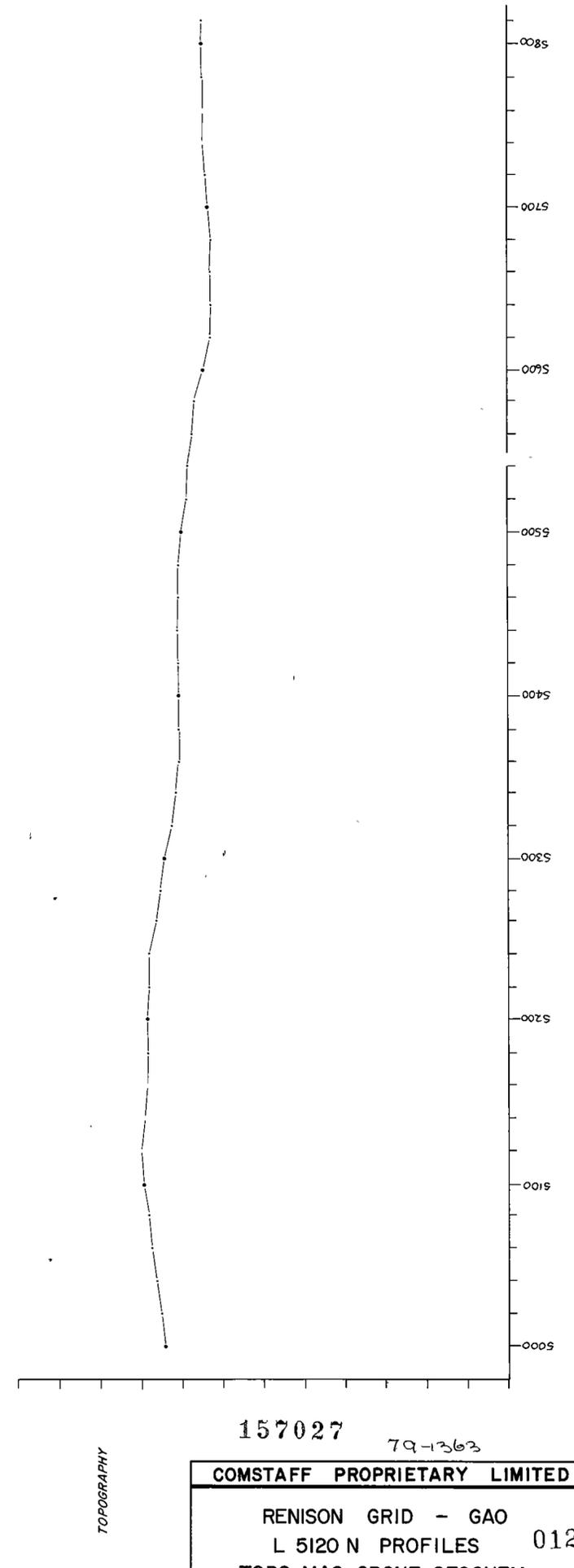
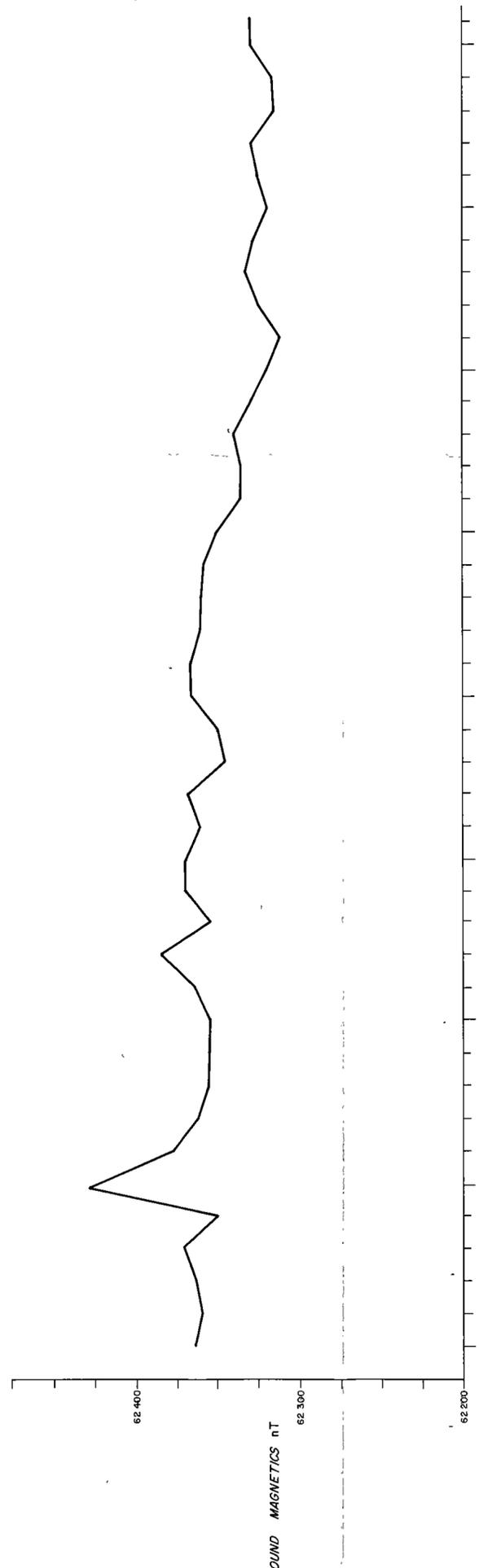
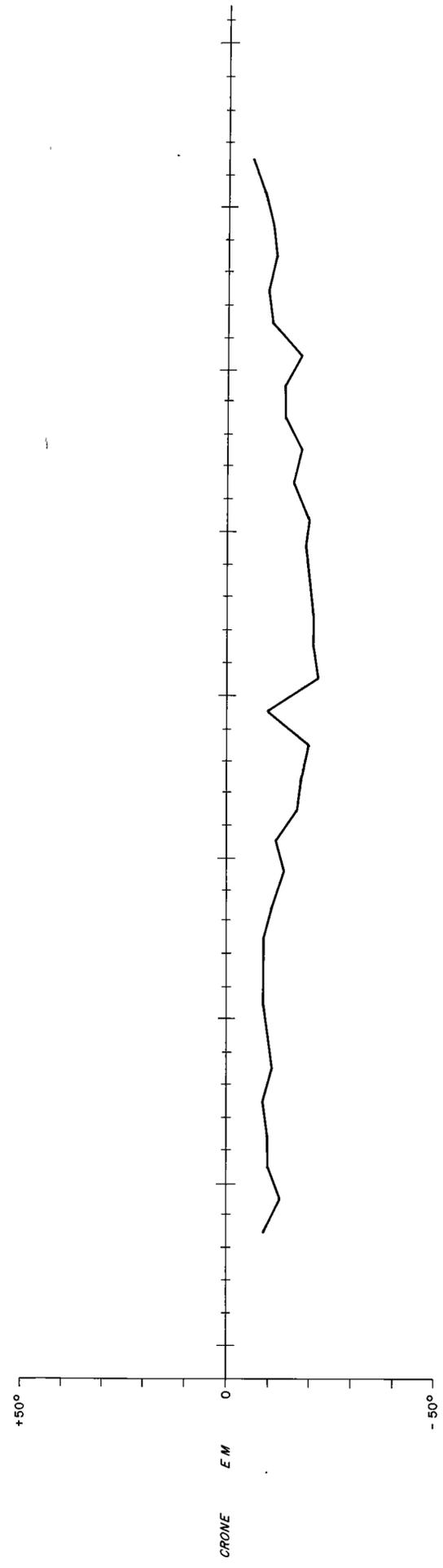
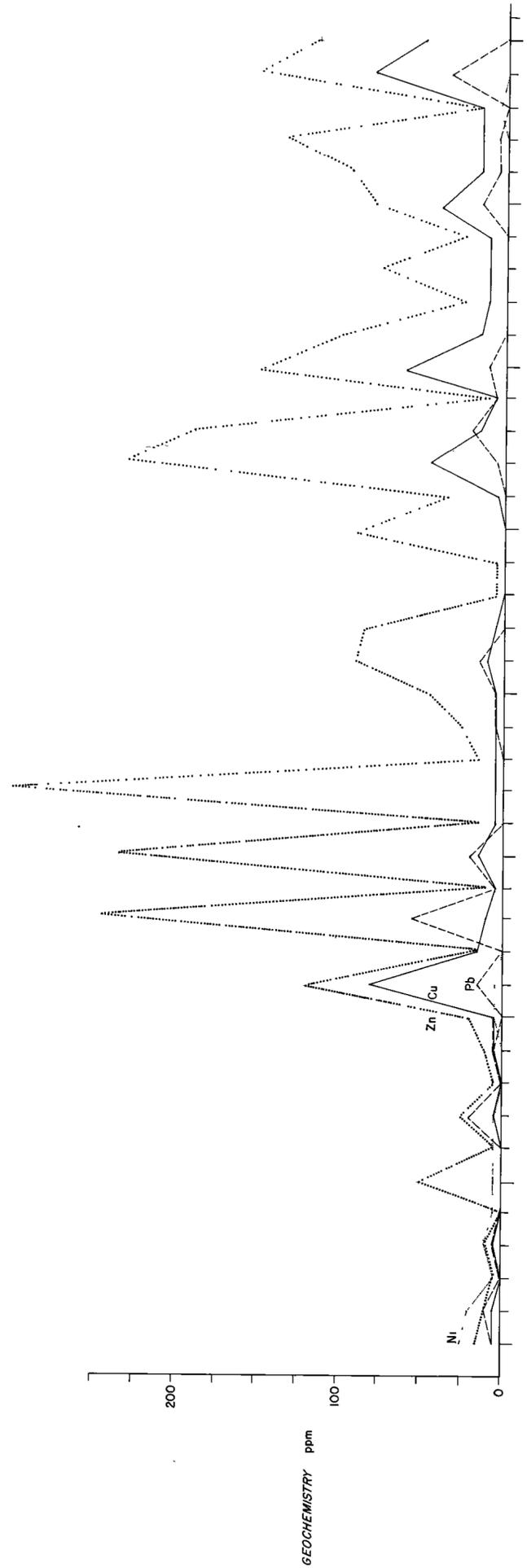
COMSTAFF PROPRIETARY LIMITED

RENISON GRID - GAO
L 5000 N PROFILES 011
TOPO, MAG, CRONE, GEOCHEM.

DRAWN DBH 5/79	COMPILED D B H	SCALE 2500	TAS/2/1868
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5 cm

5 cm

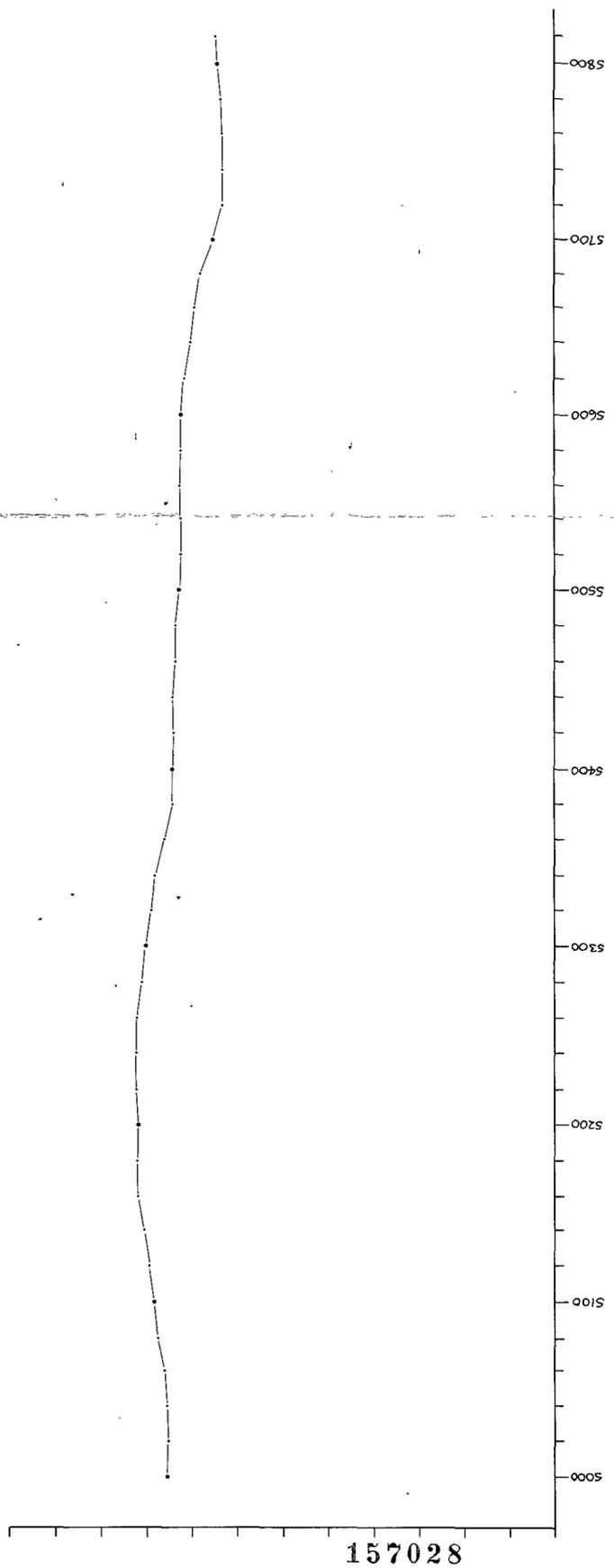
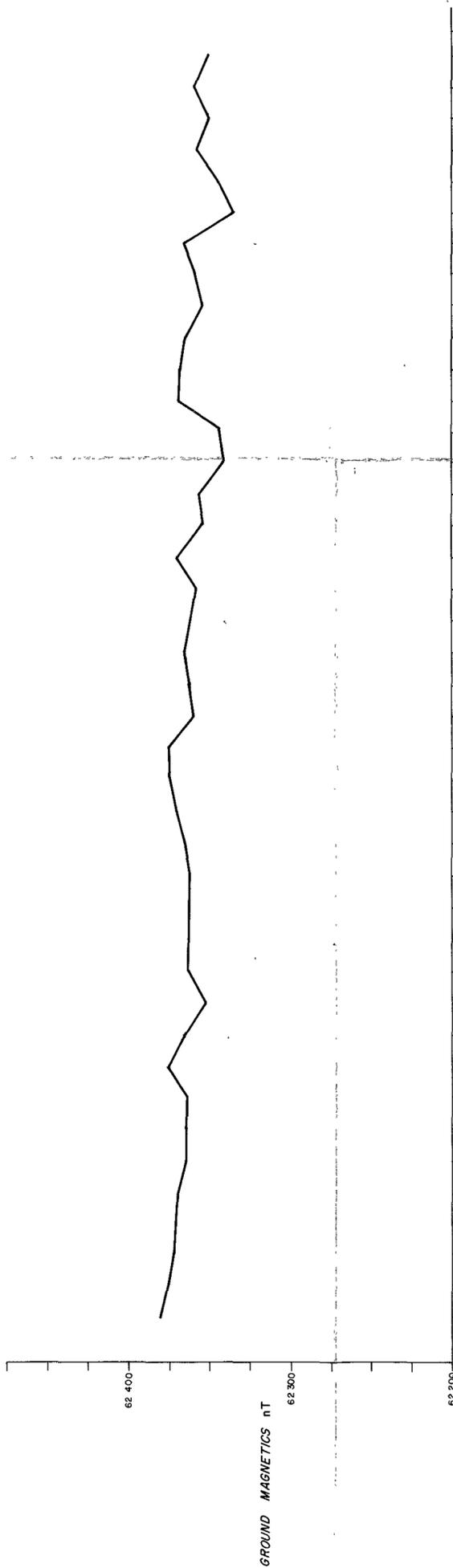
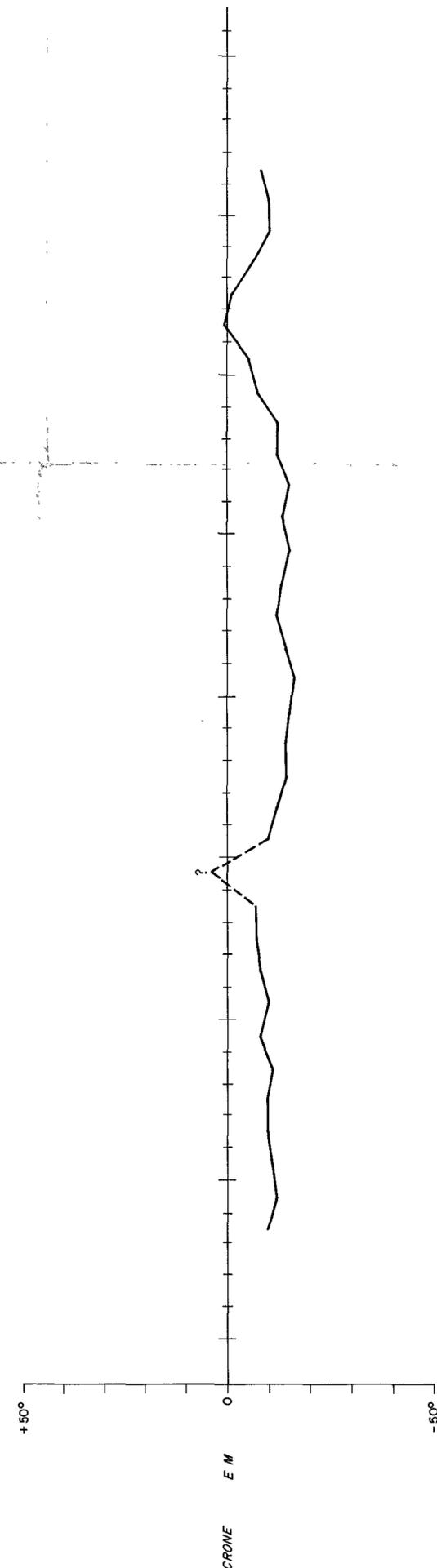
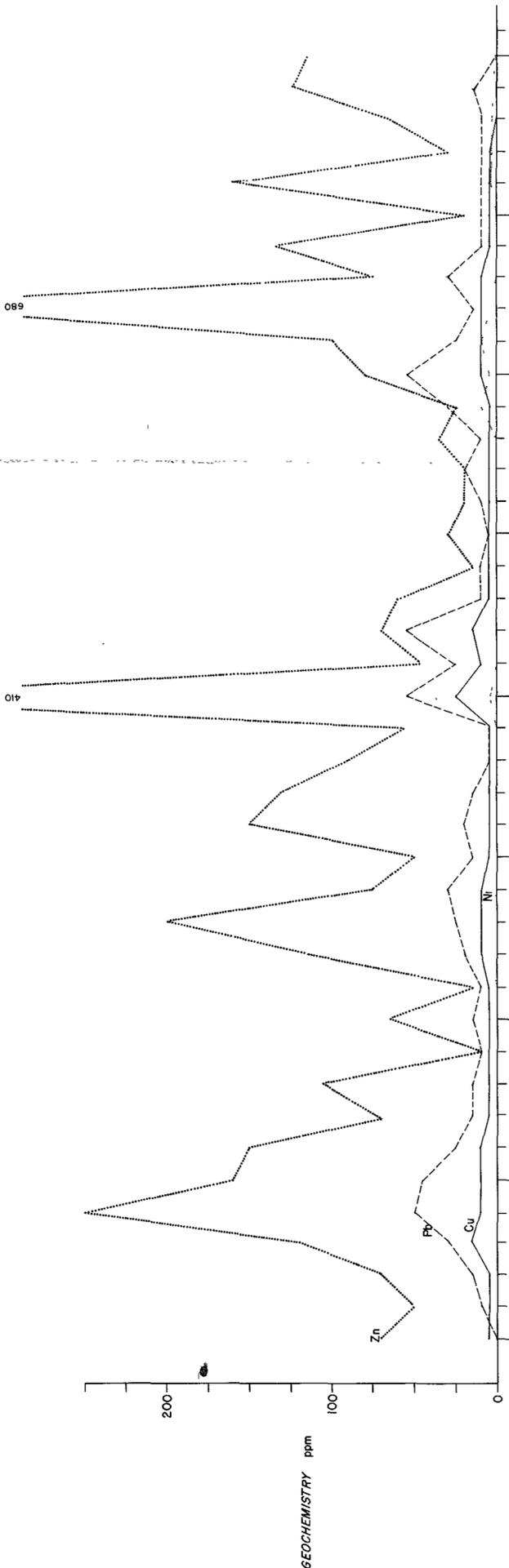


157027 79-1363

COMSTAFF PROPRIETARY LIMITED

RENISON GRID - GAO
L 5120 N PROFILES 012
TOPO, MAG, CRONE, GEOCHEM

DRAWN DBH 5/79	COMPILED DBH	SCALE 1 2500	TAS/2/1869
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5 cm

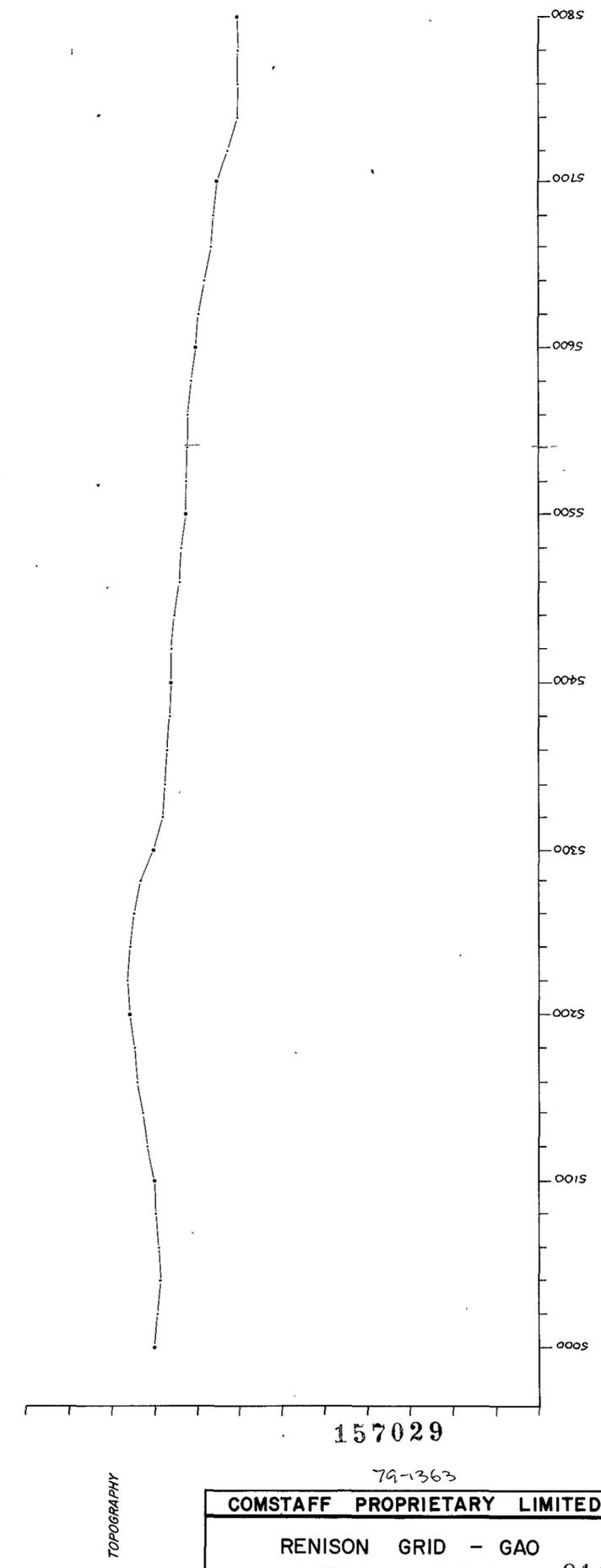
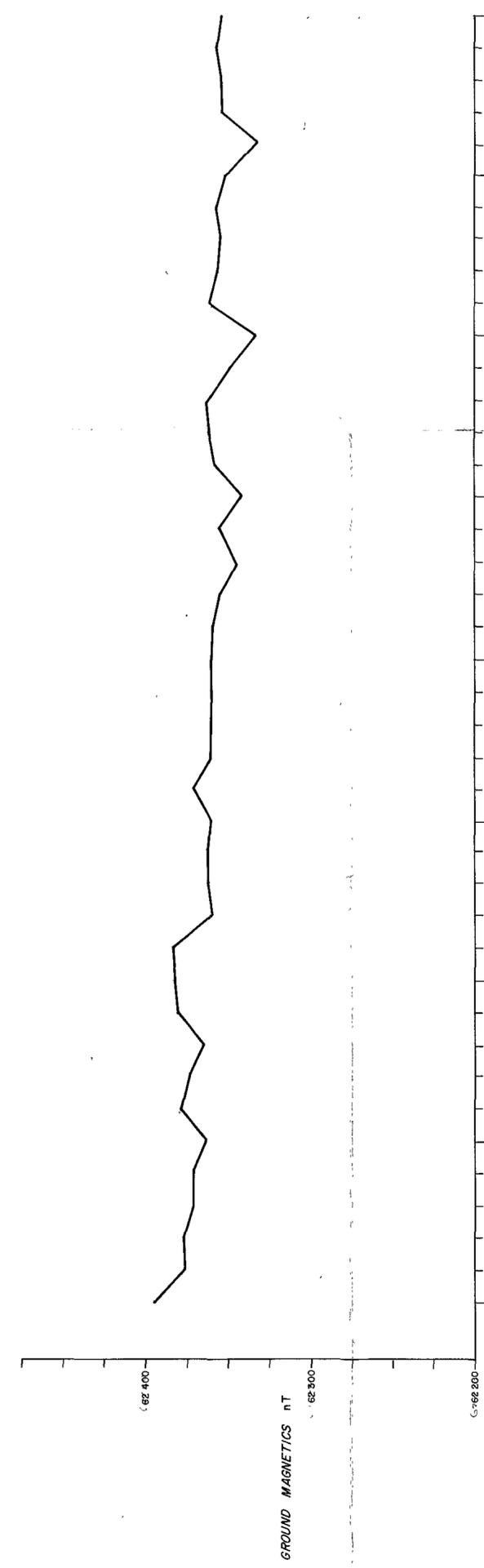
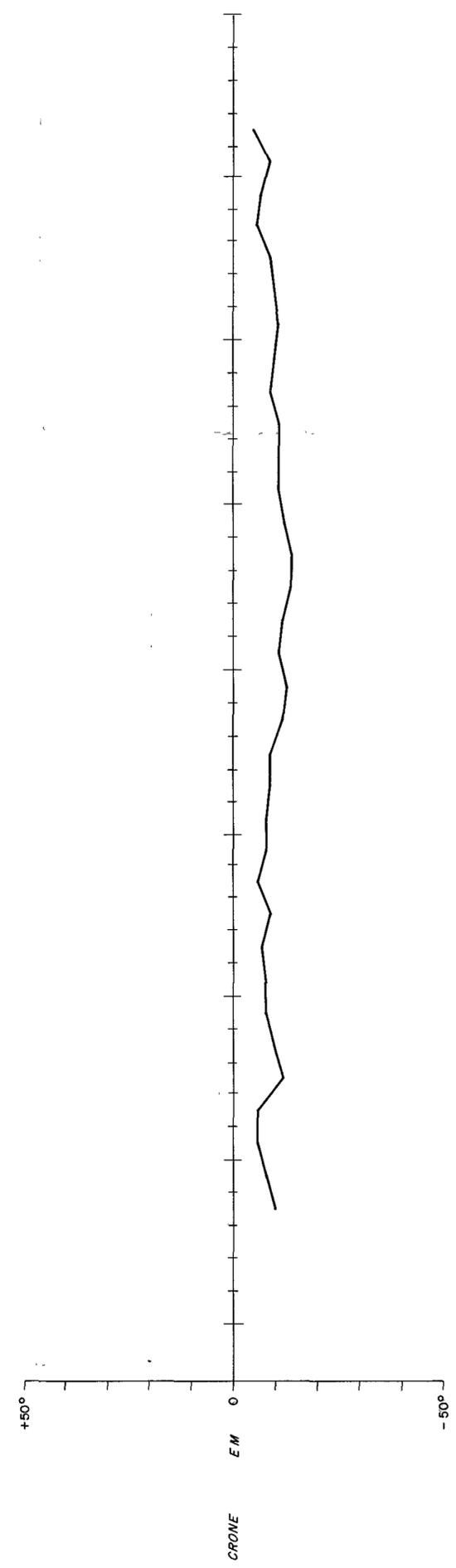
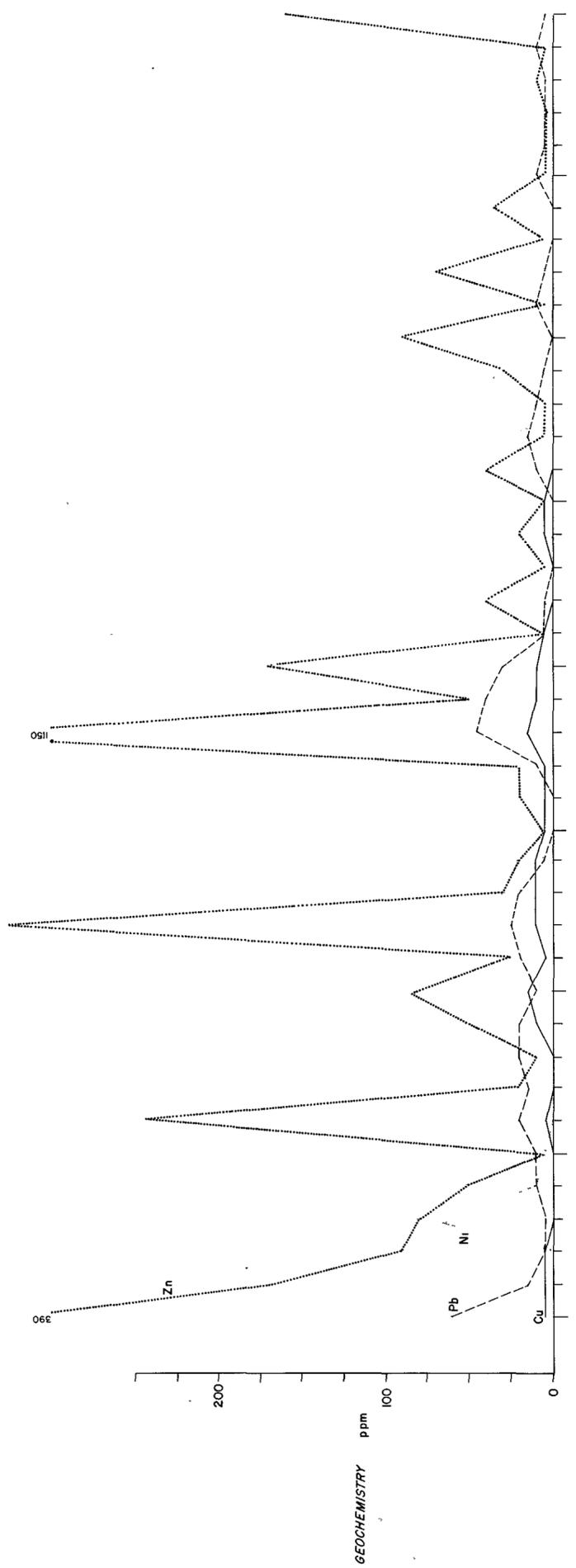
79 1363

COMSTAFF PROPRIETARY LIMITED

RENISON GRID - GAO 013
 L 5240 N PROFILES
 TOPO, MAG, CRONE, GEOCHEM.

DRAWN DB.H 5/79	COMPILED DB.H	SCALE 1 2500	TAS/2/1870
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5 cm



157029

79-1363

COMSTAFF PROPRIETARY LIMITED

RENISON GRID - GAO
 L 5360 N PROFILES 014
 TOPO, MAG, CRONE, GEOCHEM.

DRAWN D B H. 5/79	COMPILED D B H	SCALE 1 2500	TAS/2/1871
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