Open File Envelope No. 8363

EL 1684

EMU DAM

PROGRESS AND FINAL REPORTS FOR THE PERIOD 31/10/90 TO 30/10/92

Submitted by

Newmont Australia Ltd
1992

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Facsimile: (08) 8204 1880

PRIMARY INDUSTRIES AND RESOURCES SA

ENVELOPE 8363

TENEMENT: EL 1684, Curnamona

TENEMENT HOLDER: Newcrest Mining Ltd

CONTENTS

env8363

			SADME NO.
REPORTS:	**McEwen, G.D., 1992.** EL 1684 Curnamona, combined sixth and seventh quarterly reports for the period 31 January to 31 July 1992.		**8363 R 6** Pgs 165-167
	McEwen, G.D., 1992. EL 1684 Curnamona. Final report for period to 30 October 1992.		**8363 R 7** Pgs 168-182
APPENDIX 1:	Drillhole graphic logs.		Pgs 183-213
PLANS		**Scale**	
Plan 1	Drillhole locations (local grid).	1:25 000	8363-3
Plan 2	Drillhole locations. (AMG grid).	1:25 000	8363-4
LETTER:	**Butt, A., 1992.** Disk of corrected gravity data collected over EL 1684, (Disk is retained in Reports Management Section).		Pg. 214

END OF CONTENTS

SEPARATELY HELD DATA

DRILLHOLE SAMPLES (held by SADME Core Library):

For up to date information on available drillhole samples, contact the Supervisor, SADME Core Library and quote the Exploration Licence and drillhole number/s you wish to query.

No: S039/1

03

EL 1684
CURNAMONA

QUARTERLY REPORT FOR PERIOD
31 OCTOBER, 1990 TO 31 JANUARY 1991

BY: R.P. Langmead
31 January 1991

Distribution:
S.A. Department of Mines & Energy (1)
Brisbane Office (1)
Melbourne Office (1)

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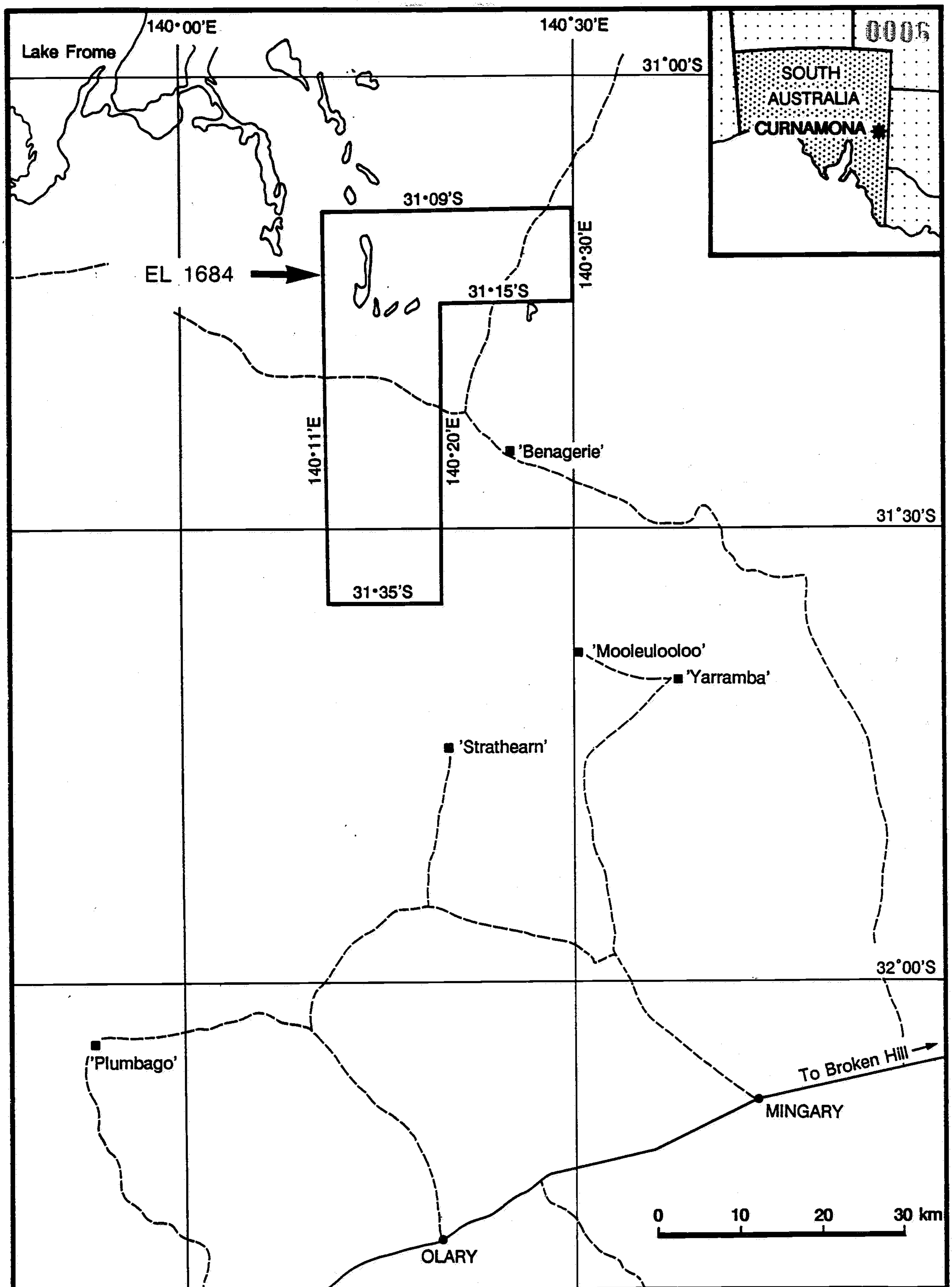
APPENDIX

1. INTRODUCTION

Newmont Australia Limited made application for an Exploration Licence over 861 square kilometres north of Olary, S.A. on 10 July 1990. This application was subsequently granted as EL 1684 for a period of one year with a commencement date of 31 October, 1990.

Newmont's prime exploration target within EL 1684 is copper-gold-(uranium) mineralisation associated with intrusive rocks. As the tenement is completely covered by Phanerozoic rocks, exploration will be largely dependent upon geophysical and drilling information, combined with geological-geophysical modelling.



NORTH

Newmont Australia Limited

COMPILED	RPL	SCALE	1:600,000
DRAWN	MFC	DRAWING No.	SO39-1
DATE	JULY, 1990	FIGURE No.	1

EL 1684 - CURNAMONA

LOCATION MAP

2. EXPLORATION

2.1 Land Tenure

Maloney Field Services have been contracted by Newmont to conduct an ownership search of the properties situated wholly or partly within EL 1684. Details of that search are appended to this report.

2.2 Previous Exploration

Details of previous exploration activities in the vicinity of EL 1684 have been examined on open-file at the S.A.D.M.E.

A significant amount of exploration during the 1970's was directed towards locating sedimentary uranium mineralisation in palaeochannels of the Frome Embayment. Drilling programs for such targets in close proximity to EL 1684 were completed by the following companies.

Sedimentary Uranium NL (1970-72)	Env. 1543, 1546, 1396
Mines Administration (1973)	Env. 2291
Tricentrol (1973, 1974)	Env. 2308, 2432
Mines Administration/Teton (1975)	Env. 2531
Marathon Petroleum Aust. Ltd (1980-82)	Env. 3713

In more recent times, attention has been focussed more onto the base and precious metal potential of the ?Middle Proterozoic basement meta-sediments and volcanics. The 'Benagerie Ridge' shallow basement immediately west of EL 1684 has been assessed by Marathon Petroleum-Pan Aust-Biliton between 1982-88 for base metal mineralisation, with highly anomalous Zn, (Pb) values encountered in ?meta-evaporitic rocks and Cu-(Mo) mineralisation in breccia zones. (Refer envelopes 3713, 5851).

2.3 Aeromagnetic Coverage

EL 1684 is wholly covered by the following aeromagnetic surveys:-

- S.A.D.M.E. (1977), flown by Geoex Pty Ltd with 300 metre spaced E-W flight lines 1200 metre spaced N-S flight lines and a ground clearance of 100 m.
- S.A.D.M.E. (1978), flown by Geoex Pty Ltd with 600 metre spaced E-W flight lines and 1500 metre spaced N-S flight lines, and a ground clearance of 100 m.
- S.A.D.M.E. (1978), flown by Geoex Pty Ltd with 500 metre spaced E-W flight lines and 1000 metre spaced N-S flight lines and a ground clearance of 100 m. (Refer to Curnamona 1:250,000 scale, Aeromagnetic Map of Total Intensity, 1982, for survey limits).

The above surveys have been purchased from the S.A.D.M.E. in digital form and are currently being loaded onto Newmont's image processing equipment. Some difficulty is being experienced in converting from the S.A.D.M.E. tape format to one which is compatible with Newmont software.

3. EXPENDITURE

Total expenditure incurred for the three monthly period 31 October 1990 to 31 January 1991 was $11,392 apportioned as set out below -

Salaries and wages		2,248
Overheads		1,764
Geophysical data		4,042
Land management		2,620
Travel and accommodation		642
Freight		76
	TOTAL	**$11,392**

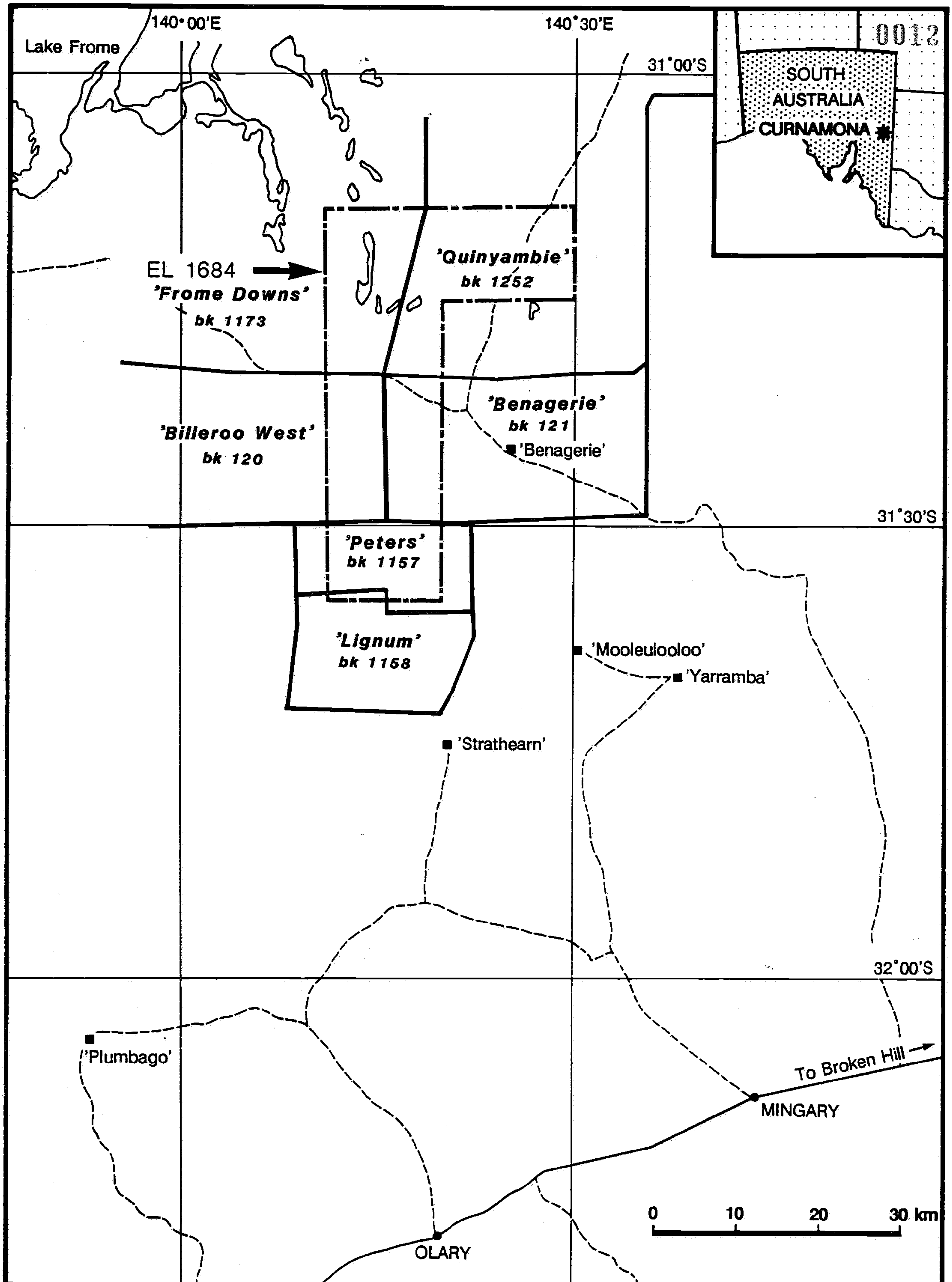
APPENDIX 1

LAND OWNERSHIP DETAILS, EL 1684
CURNAMONA

Maloney Field Services

OWNERSHIP LIST FOR CURNAMONA ELA

PROPERTY DESCRIPTION	OWNER DETAIL (for notices)	OWNER CONTACT DETAILS
Pastoral Block 1173 Known as "Frome Downs" Crown Lease 1318/8	Frome Downs Pty. Ltd. C/- Mr. A. Wilson Frome Downs Station via Yunta 5440	Mr. Alex Wilson Frome Downs Station Ph. (086) 48-4823
Pastoral Block 120 Known as "Billeroo West" Crown Lease 1286/12	Billeroo Ltd. and Pasmore Ltd. C/o Erudina Waukaringa via Yunta 5440	Erudina Proprietors Erudina Station The Ranges Ph.(086) 48-4827
Pastoral Block 121 Known as "Benagerie" Crown Lease 1292/4	The Mutooroo Past. Co. Pty. Ltd. 45 King William St. Adelaide 5000	Mr. Peter Morgan Mutooroo Station Ph. (080) 88-3199
Pastoral Block 1157 Known as "Peters" Crown Lease 1299/12	Brian Harvey Treloar Mooleulooloo Station via Olary 5440	Mr. Brian Treloar Mooleulooloo Stat. Ph. (080) 88-2377
Pastoral Block 1158 Known as "Lignum" Crown Lease 1299/11	Brian Harvey Treloar & Elizabeth Anne Treloar Mooleulooloo Station, via Olary 5440	Mr. Brian Treloar & Mrs. Elizabeth Treloar Ph. (080) 88-2377
Pastoral Block 1252 Known as "Quinyambie" Crown Lease 1606/4	Quinyambie Pastoral Company Pty. Ltd. C/- P.O. Box 346, Nth Adelaide 5006	Try Kidman Holdings Pty. Ltd., 183 Archer St., North Adelaide Ph. (08) 267-5422



Newmont Australia Limited

COMPILED	RPL	SCALE	1:600,000
DRAWN	MFC	DRAWING No.	SO39-2
DATE	JULY, 1990	FIGURE No.	2

EL 1684 - CURNAMONA

LAND OWNERSHIP

0013

No. S039/2

NEWCREST MINING LIMITED

E.L. 1684
CURNAMONA

Quarterly Report for Period
1 February 1991 to 30 April 1991

R.P. Langmead
June 1991

Distribution:

Newcrest Mining Limited, Brisbane (1)
Newcrest Mining Limited, Melbourne (1)
S.A. Department of Mines & Energy (1)

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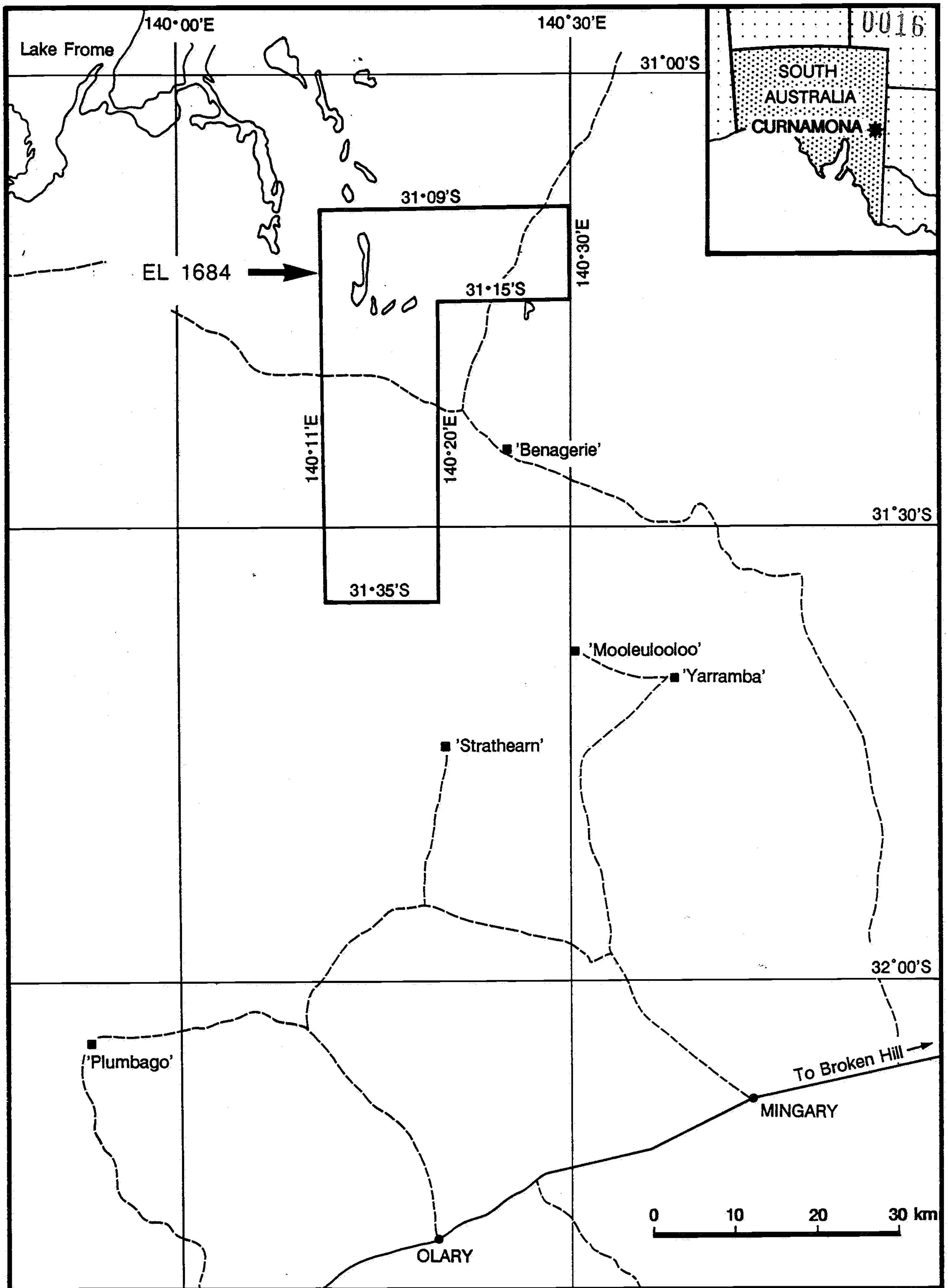
Figures

1. INTRODUCTION

Newmont Australia Limited made application for an Exploration Licence over 861 square kilometres north of Olary, S.A. on 10 July 1990. This application was granted as E.L. 1684 for a period of one year with a commencement date of 31 October, 1990.

Subsequently, Newmont Australia Limited has merged with BHP Gold Pty Ltd and changed names to Newcrest Mining Limited.

Newcrest's prime exploration target within E.L. 1684 is copper-gold-(uranium) mineralisation associated with intrusive rocks. As the prospective Proterozoic basement is completely covered by Phanerozoic rocks, exploration will be largely dependent upon geophysical and drilling information, combined with geological-geophysical modelling.



NORTH	Newmont Australia Limited			EL 1684 - CURNAMONA LOCATION MAP
	COMPILED RPL	SCALE 1:600,000		
	DRAWN MFC	DRAWING No. SO39-1		
	DATE JULY, 1990	FIGURE No. 1		

2. EXPLORATION

2.1 Geology

Compilation of previous drilling data in the vicinity of E.L. 1684 indicates more shallowly buried Middle Proterozoic basement to occur in the north-eastern portion of the tenement. Depth to basement here is expected to be in the 50-100 m range.

Aeromagnetic survey data also strongly indicates a major NE-SW trending tectonic zone passing through this area, as well as lesser N-S and north-westerly trending structures. Basement lithologies are expected to be meta-volcanic/?intrusive rocks, and low grade meta-sedimentary sequences of probable Middle Proterozoic age.

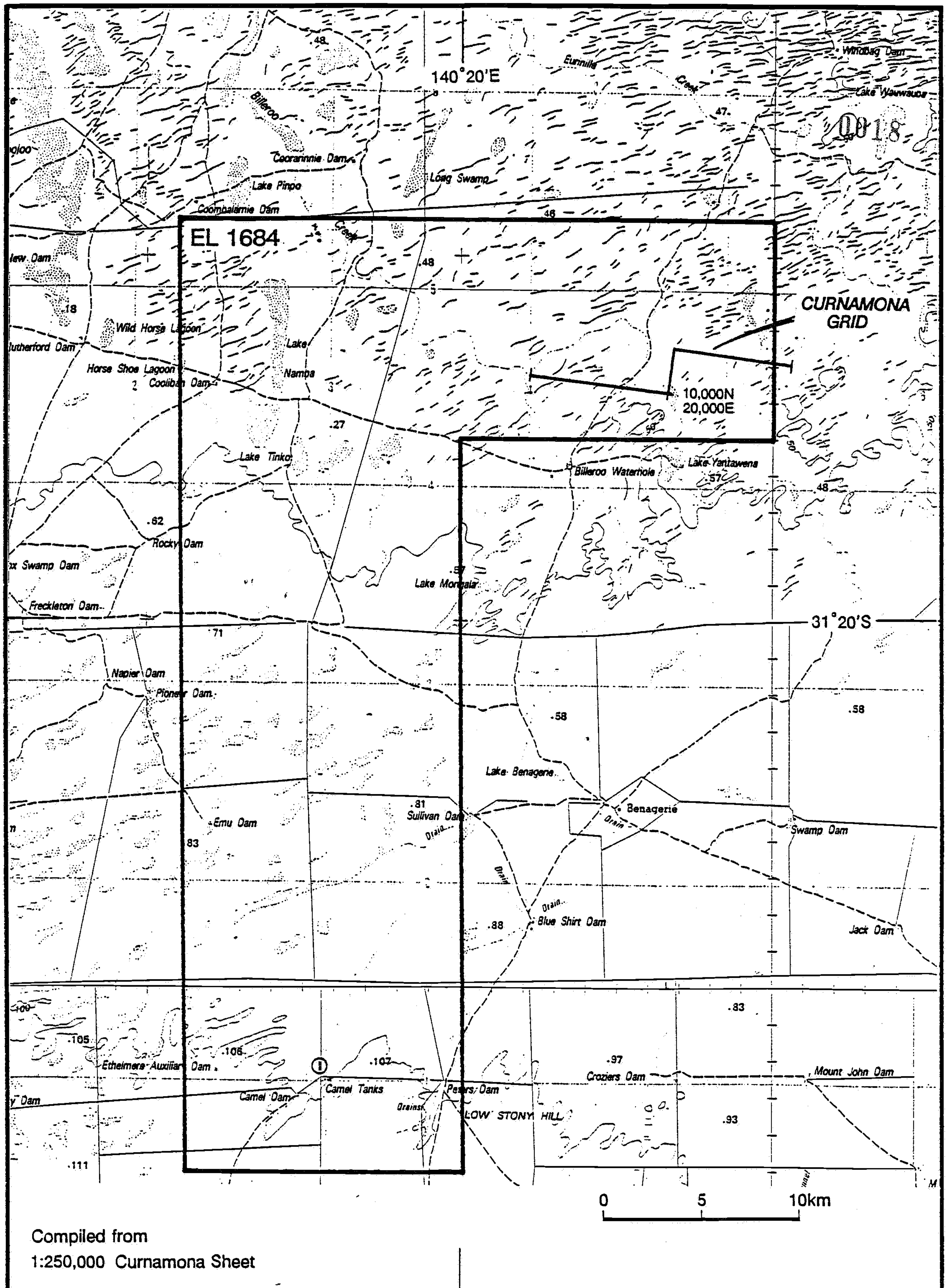
Initial work will concentrate on this north-eastern portion of the tenement.

2.2 Survey Control

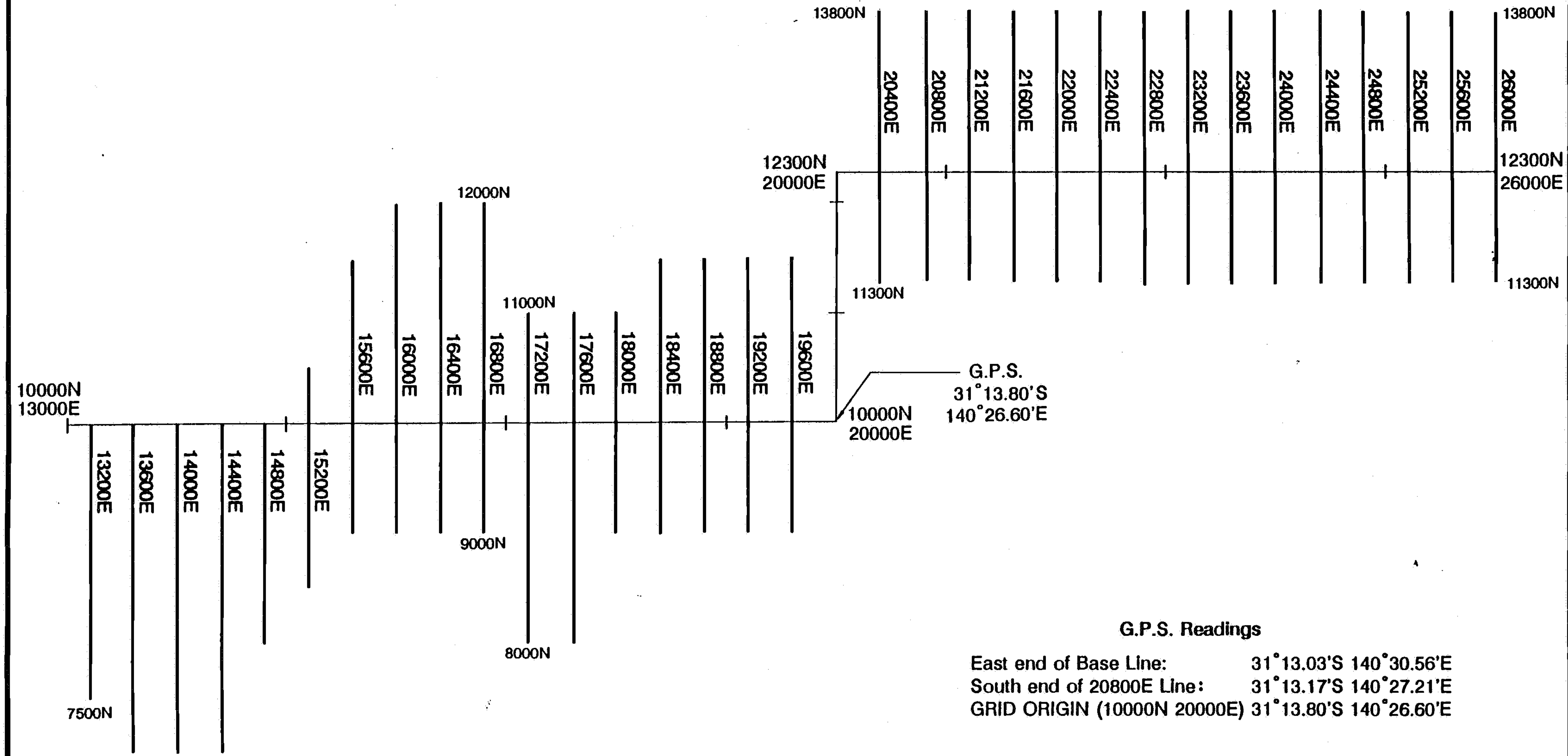
Approximately 100 line kilometres of tape and compass gridding has been completed during the quarter in the north-eastern portion of the tenement. The grid covers an area 13 kms long in an east-west direction and several kilometres in a north-south direction, over a number of magnetic highs within the major NE-SW trending structural corridor.

Grid pegs have been placed at 100 m intervals along lines, with lines placed 400 m apart. Several points on the grid have been positioned in latitude and longitude using a Magellan GPS Nav. 1000 Pro unit. (Refer to Figure 3 for details). This grid will provide the main survey control for planned ground geophysical surveys.

Local survey benchmark data has also been obtained from the S.A. Department of Lands for elevation control of ground gravity surveys.



NORTH	NEWCREST MINING LIMITED				EL 1684 CURNAMONA GRID LOCATION
	COMPILED	RPL	SCALE	1:250,000	
	DRAWN	BS	DRAWING No.	S039-2	
	DATE	May 1991	FIGURE No.	2	



G.P.S. Readings

East end of Base Line:	31°13.03'S 140°30.56'E
South end of 20800E Line:	31°13.17'S 140°27.21'E
GRID ORIGIN (10000N 20000E)	31°13.80'S 140°26.60'E

NORTH

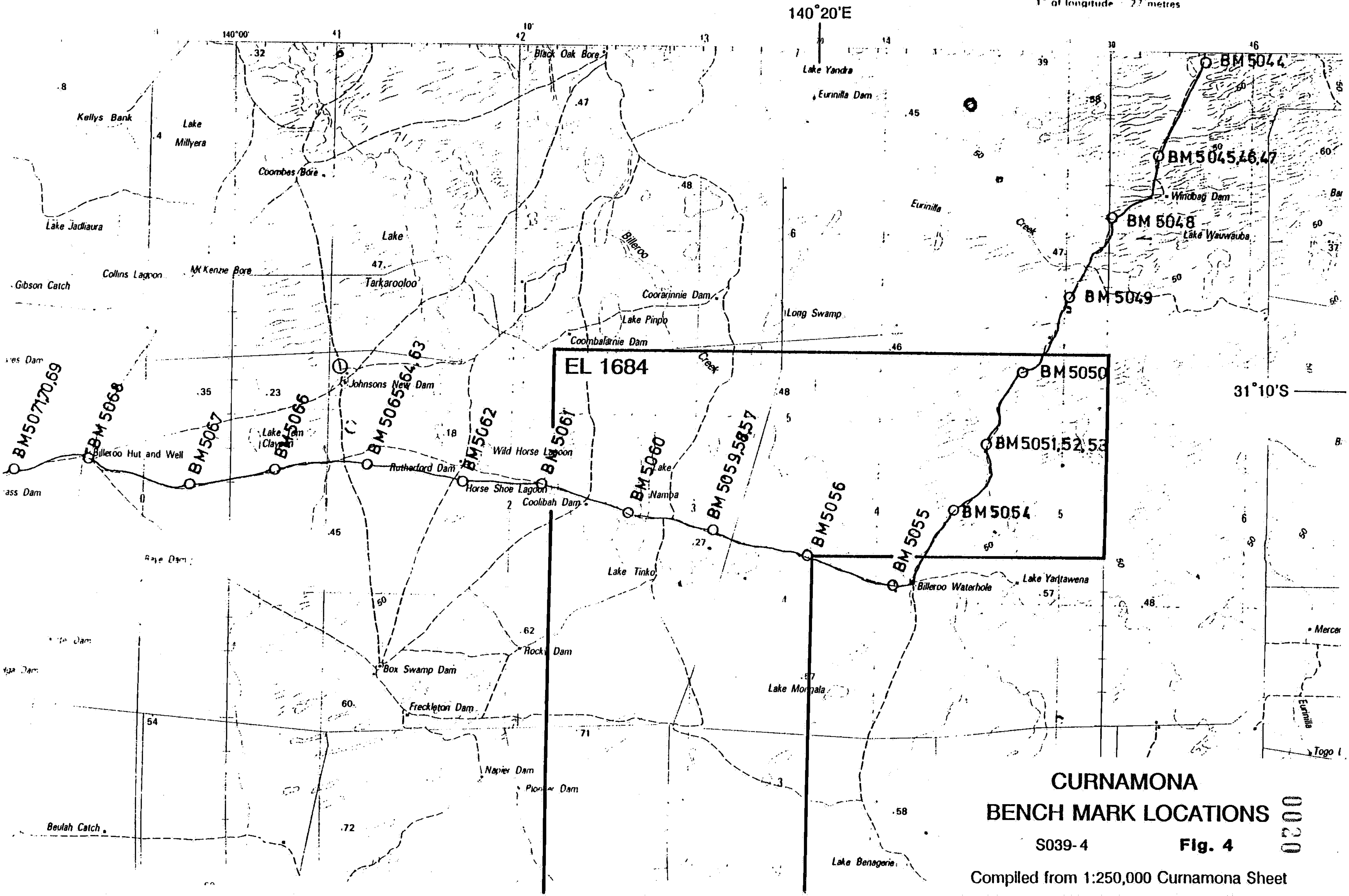
NEWCREST MINING LIMITED

COMPILED	RPL	SCALE	1:50,000
DRAWN	BS	DRAWING No.	S039-3
DATE	April 91	FIGURE No.	3

EL 1684 CURNAMONA

GRID DETAILS

0019



CURNAMONA
BENCH MARK LOCATIONS
S039-4 **Fig. 4**
Compiled from 1:250,000 Curnamona Sheet

0200

3. EXPENDITURE

Total expenditure incurred for the three monthly period 1 February 1991 to 30 April 1991 was $28,193 apportioned as set out below:-

		$
Salaries and Wages		6,961.18
Employee overheads		4,979.14
Travel and Accommodation		1,268.00
Vehicle Operating		2,124.33
Field Living		4,986.06
Plans, communications, office overheads		7,874.31
	TOTAL	$28,193.02

Total project expenditure to date: **$39,585.02**

No. S039/3 0022

NEWCREST MINING LIMITED

E.L. 1684
CURNAMONA

Quarterly Report for Period
1 May 1991 to 31 July 1991

R.P. Langmead
August 1991

Distribution:
Newcrest Mining Limited, Brisbane (1)
Newcrest Mining Limited, Melbourne (1)
S.A. Department of Mines & Energy (1)

CONTENTS

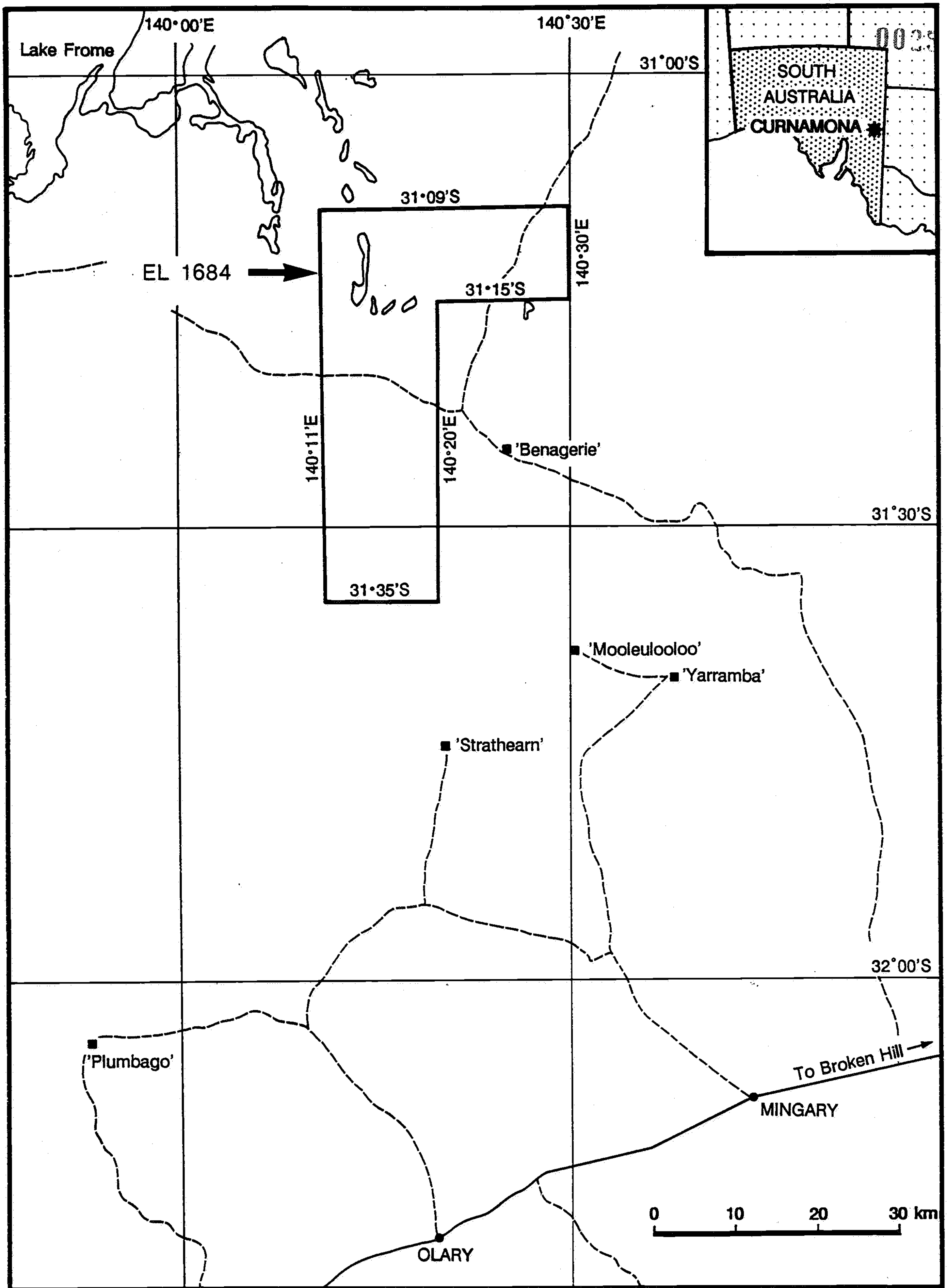
1. INTRODUCTION

Newmont Australia Limited made application for an Exploration Licence over 861 sq km north of Olary, SA on 10 July, 1990. This application was granted as E.L. 1684 for a period of one year with a commencement date of 31 October, 1991.

Subsequently, Newmont Australia Limited has merged with BHP Gold Pty Ltd and changed names to Newcrest Mining Limited.

Newcrest's prime exploration target within E.L 1684 is copper-gold-(uranium) mineralisation associated with intrusive rocks. As the prospective Proterozoic basement is completely covered by Phanerozoic rocks, exploration will be largely dependent upon geophysical and drilling information, combined with geological-geophysical modelling.

This report covers exploration activities undertaken in the third quarter between 1 May and 31 July 1991.



NORTH

Newmont Australia Limited

COMPILED	RPL	SCALE	1:600,000
DRAWN	MFC	DRAWING No.	SO39-1
DATE	JULY, 1990	FIGURE No.	1

EL 1684 - CURNAMONA

LOCATION MAP

2. EXPLORATION ACTIVITIES

2.1 Survey Control

A 400 m x 100 m spaced, tape and compass grid completed during the second quarter has been infilled to a 200 m x 100 m grid peg spacing (refer Figures 2 and 3). This grid has provided the main survey control for ground magnetic and gravity surveys completed to date.

2.2 Geophysical Surveys

2.2.1 Ground Magnetics

The Curnamona grid area was covered by a ground magnetic survey with readings taken at 10 m intervals along 200 m spaced north-south lines.

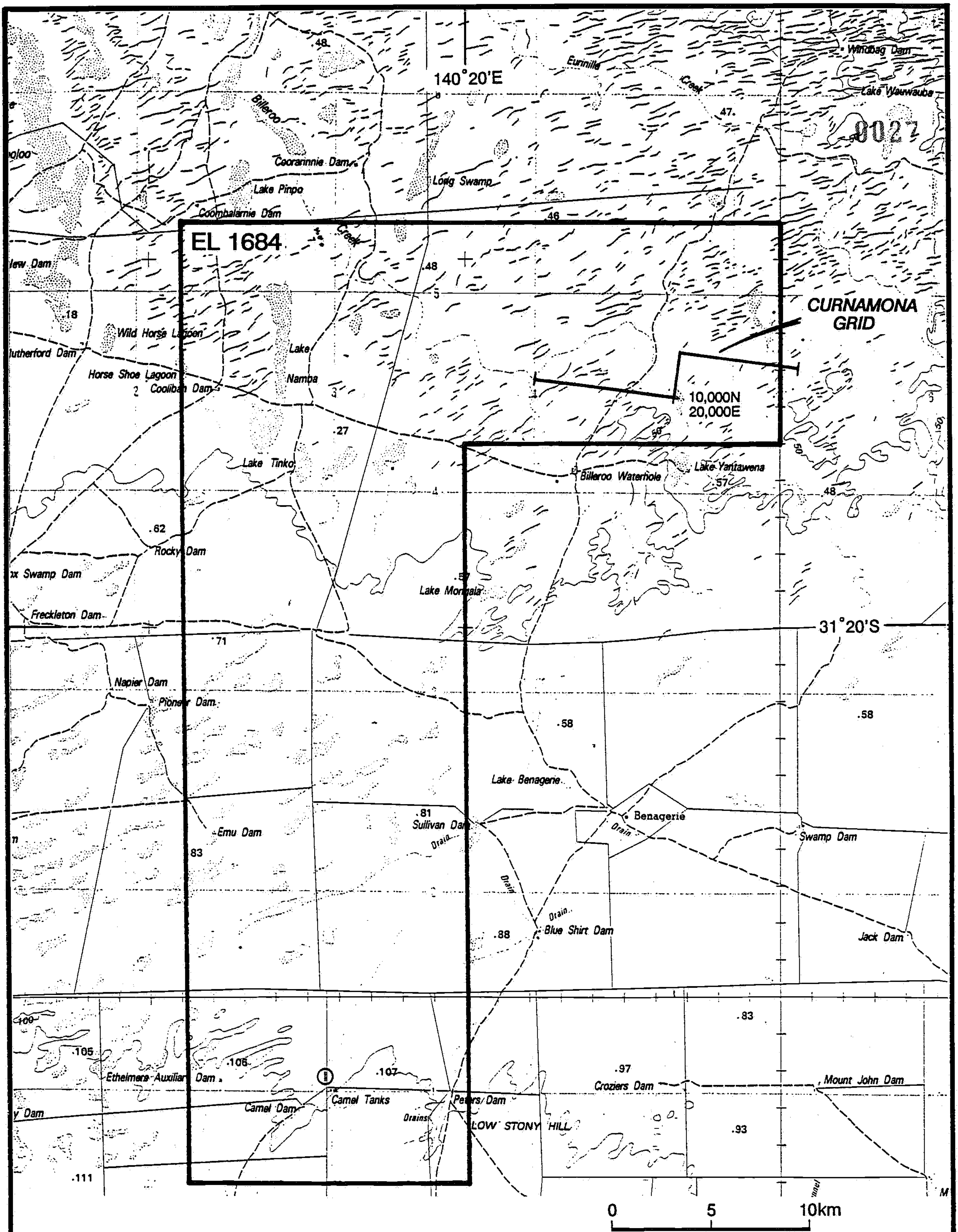
Instrumentation utilized were GEM, GSM 19 model, "Overhauser effect" memory magnetometers, with two instruments utilized in a roving configuration and a third for base station control. Data was transferred from magnetometer memory to computer disks each evening. Several grid lines were extended after computer profile plots of the magnetic data indicated insufficient coverage.

The contoured magnetic data is presented on Plan 1.

2.2.2 Gravity

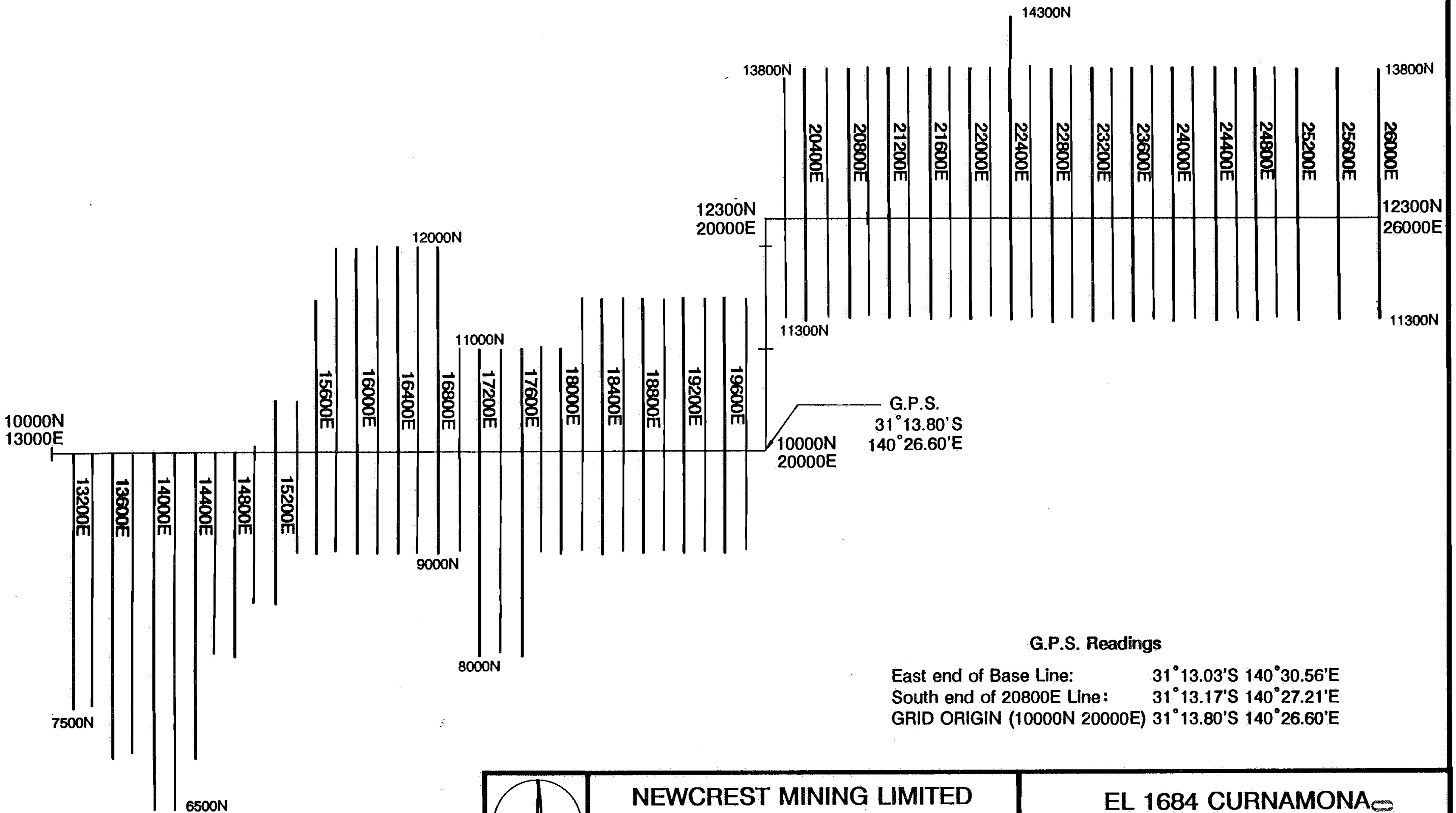
Gravity readings were collected at 100 m intervals along 200 m spaced lines (as per the magnetic survey). Instrumentation utilized was a LaCoste and Romberg "Model G" Land Gravity Meter (unit number 505). Elevation control was achieved using digital barometers manufactured by Newmont Exploration Limited of Denver, Colorado. The barometers are designed around quartz pressure transducers with a field accuracy of ± 0.5 m. Local Lands Department bench marks were also used for elevation control.

The contoured gravity data is presented on Plan II.



Compiled from
1:250,000 Curnamona Sheet

NORTH	NEWCREST MINING LIMITED				EL 1684 CURNAMONA GRID LOCATION
	COMPILED	RPL	SCALE	1:250,000	
	DRAWN	BS	DRAWING No.	S039-2	
	DATE	May 1991	FIGURE No.	2	



G.P.S. Readings

East end of Base Line:	31°13.03'S 140°30.56'E
South end of 20800E Line:	31°13.17'S 140°27.21'E
GRID ORIGIN (10000N 20000E)	31°13.80'S 140°26.60'E

NORTH

NEWCREST MINING LIMITED

COMPILED	RPL	SCALE	1:50,000
DRAWN	BS	DRAWING No.	S039-3
DATE	April 91	FIGURE No.	3

EL 1684 CURNAMONA

GRID DETAILS

0028

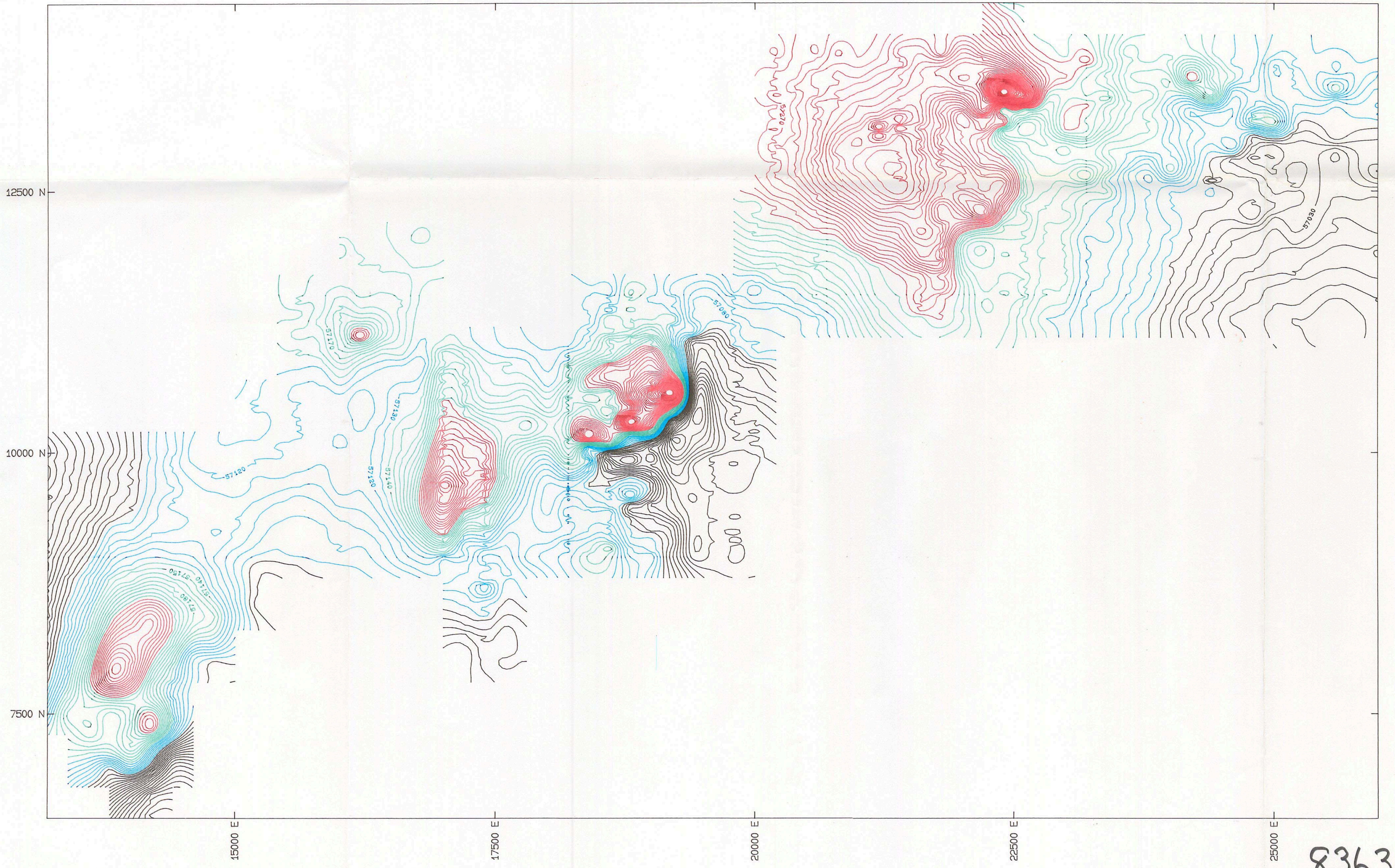
3. EXPENDITURE

Total expenditure incurred for the three monthly period 1 May 1991 to 31 July 1991 was $55,384 apportioned as set out below:

ITEM	EXPENDITURE
Salaries	7,214
Wages	6,187
Employee overheads	8,202
Geophysics	22,497
Field supplies	4,080
Travel & Accommodation	2,942
Motor Vehicles	1,024
Freight	715
Administration	2,523
TOTAL	**$55,384**

Total project expenditure to date: $94,969.

8363-1



DRAFT

Survey parameters & processing

Surveyed by Paul Walton of Goanna Exploration
Line interval = 200 metres
Station interval = 10 metres
Magnetometers - GEM 19 Overhauser effect

N

0 500 1000 1500 M

SCALE 1: 25000

8363-1

NEWCREST MINING LTD

GEOPHYSICAL DIVISION

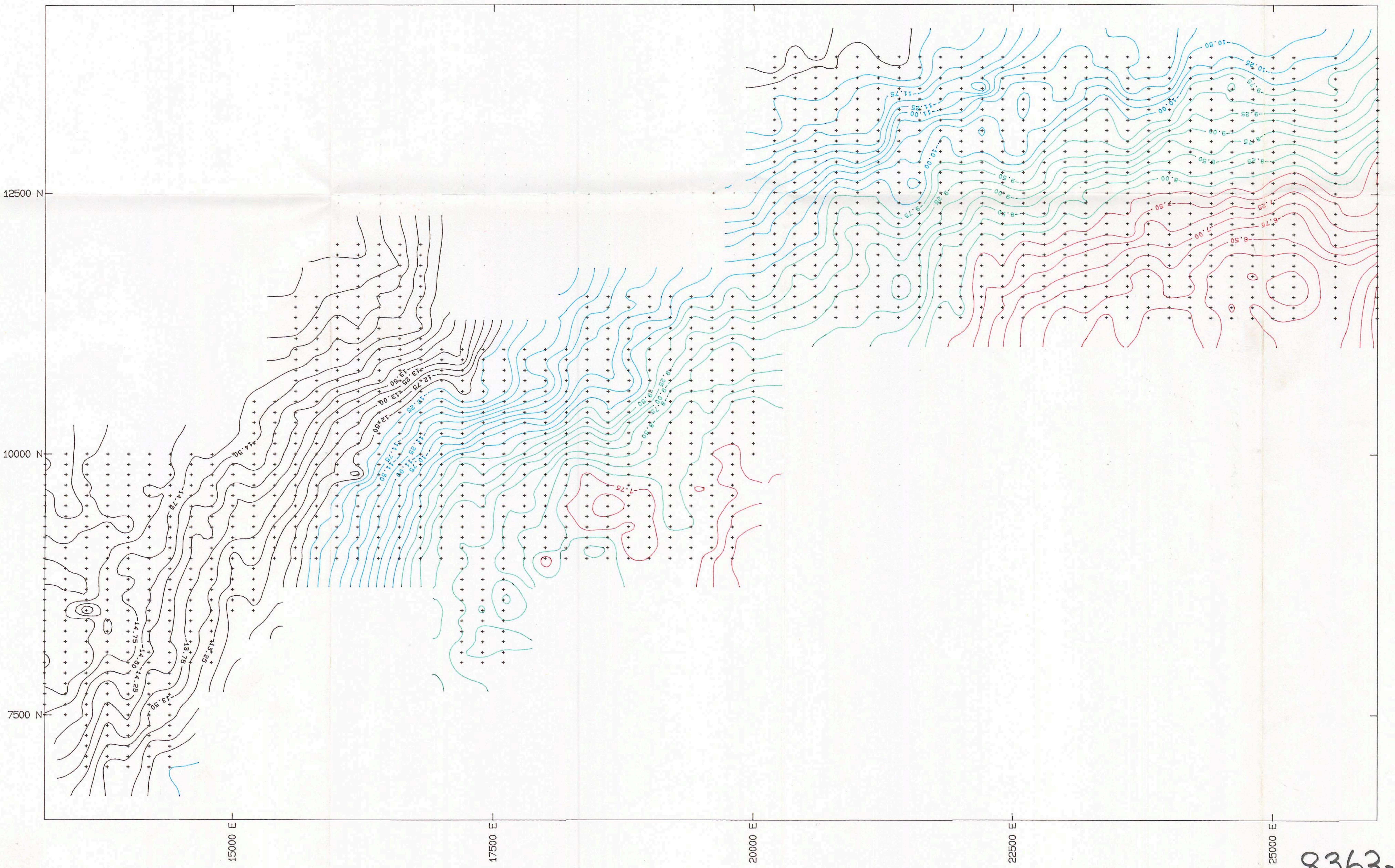
E.L.1684 Curnamona S.A.
Ground Magnetic Survey
Contours of Total Magnetic Intensity
(nanoTeslas)

PLAN 1

MASEXTON-July1991

8363-2

DRAFT



Survey parameters & processing

Surveyed by Paul Walton of Goanna Exploration

Line interval	=	200 metres
Station interval	=	100 metres
Leveling	-	Digital barometric
Gravity metre	-	Lacoste Romberg G505
Datum	-	1967/1971/1984

NEWCREST MINING LTD

GEOPHYSICAL DIVISION

E.L.1684 Curnamona S.A.
Contours of Bouguer Gravity
Density = 2.67 gms/cc

PLAN 2

MASEXTON-July1991

8363-2

S039-4 0030

NEWCREST MINING LIMITED

EL1684 Curnamona
Fourth Quarterly Report for the Period
1 August to 31 October 1991

G.D. McEwen
November 1991

Distribution:

Newcrest Mining Limited, Brisbane (1)
Newcrest Mining Limited, Melbourne (1)
S.A. Department of Mines and Energy (1)

CONTENTS

1. INTRODUCTION

Newmont Australia Limited made application for an Exploration Licence over 861 sq km north of Olary, S.A. on 10 July 1990. This application was granted as EL 1684 for a period of one year with a commencement date of 31 October 1991 (Figure 1).

Subsequently, Newmont Australia Limited has merged with BHP Gold Pty Ltd and changed names to Newcrest Mining Limited.

Newcrest's prime exploration target within EL 1684 is copper-gold-(uranium) mineralisation associated with intrusive rocks. As the prospective Proterozoic basement is completely covered by Phanerozoic rocks, exploration will be largely dependent upon geophysical and drilling information, combined with geological-geophysical modelling.

This report covers exploration activities undertaken in the fourth quarter between 1 August and 31 October 1991. No field work was conducted during this period.

2. EXPLORATION ACTIVITIES

2.1 Drilling Programme

Processing of data collected from the ground magnetic and gravity surveys completed last quarter (Figure 2) has outlined several geophysical features which require drill testing. Approximately 1000 m of percussion drilling has been planned to investigate a linear series of magnetic "highs" and a coincident gravity "high"/magnetic "low" feature located within an interpreted NE-SW trending tectonic zone which passes through the northeastern portion of the tenement (Figure 3).

Compilation of previous drilling data in the vicinity of EL 1684 indicates that shallowly buried Middle Proterozoic basement occurs within the proposed drilling area. Depth to basement here is expected to range from 50 m to 100 m.

Adelaide based drilling company Frank Walsh Drilling has been contracted to complete the drilling programme, using a Walsh rig mounted on an eight wheel drive R.F.W. Work is expected to commence in late November-early December. Proposed drill hole locations are plotted on Figure 4.

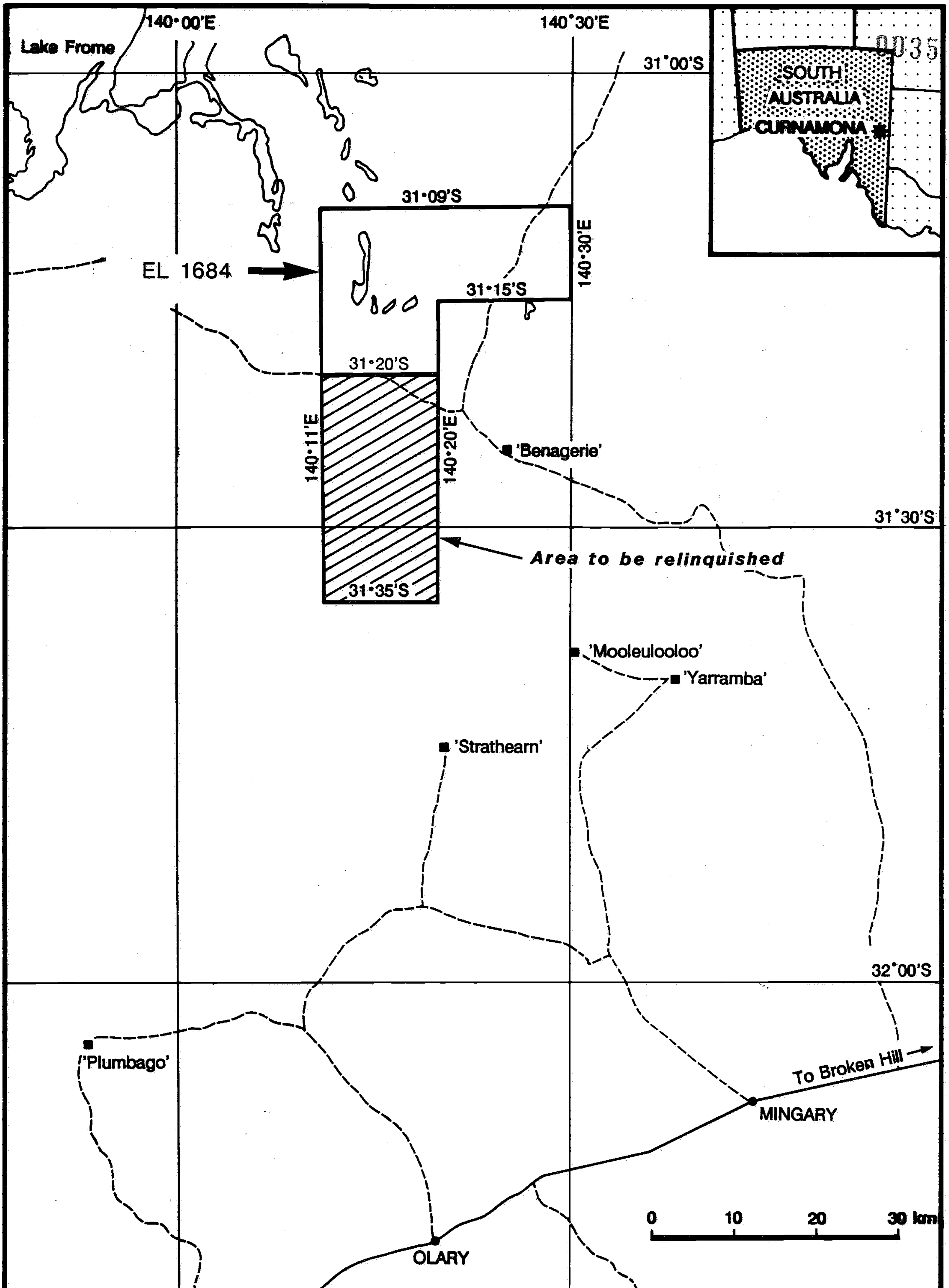
3. APPLICATION FOR EXTENSION OF TENURE

As drill testing of geophysical targets could not be completed within the first year of tenure on EL 1684, application was made to extend this tenure for a further year. However, previous drilling data indicates that depths to basement exceed 400 m in the southernmost portion of the tenement. This is deemed too deep for Newcrest's current exploration strategy and application has been submitted for relinquishment of this area. Figure 1 shows the area proposed for relinquishment.

4. EXPENDITURE

Total expenditure incurred for the three monthly period 1 August to 30 October 1991 was $15,190, a breakdown of which is given below:

ITEM	EXPENDITURE
Salaries & Wages	7770
Field Supplies	6487
Rentals & Rates	285
Travel & Accommodation	270
Vehicles	326
Administration	52
TOTAL	**$15,190**



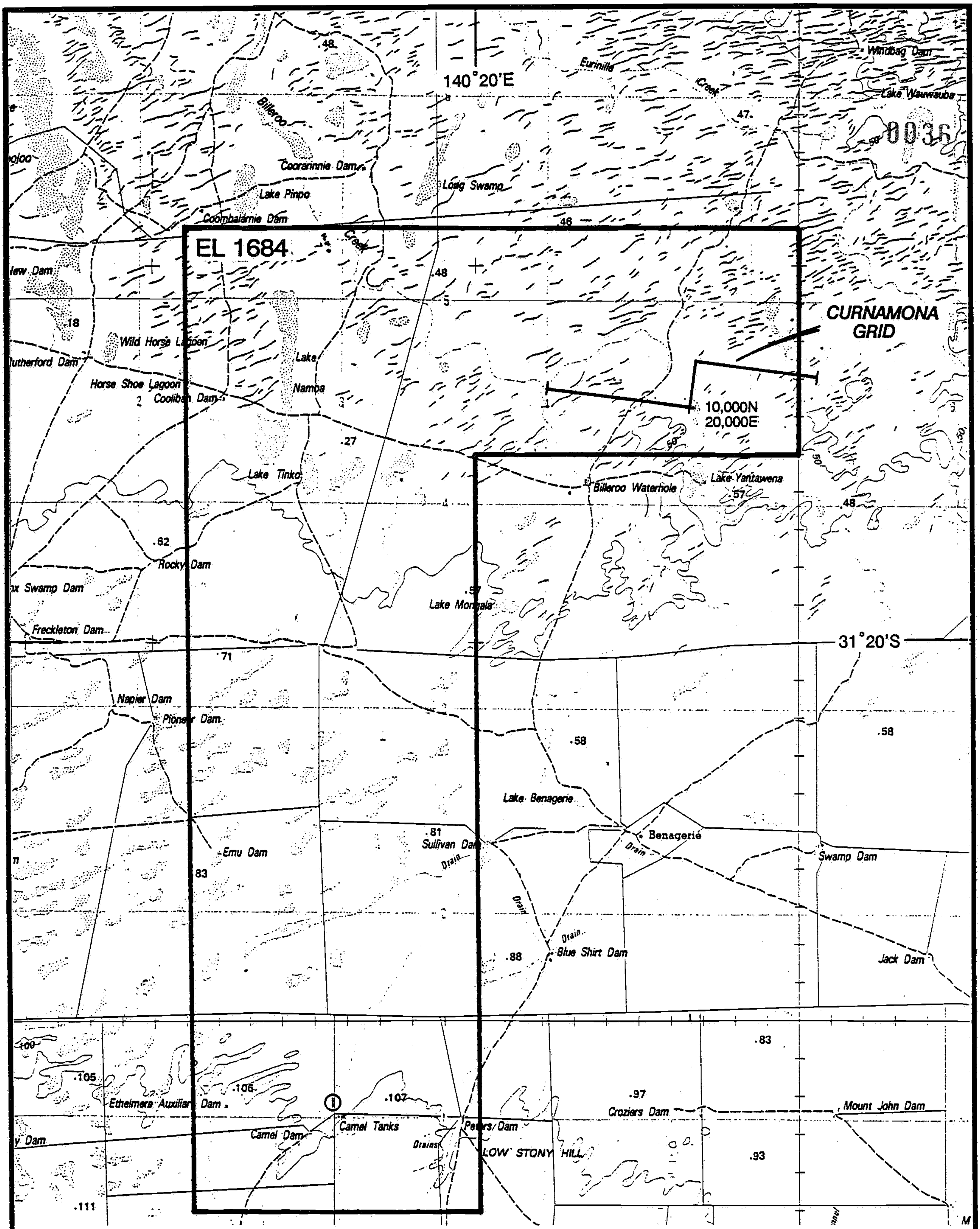
NORTH

Newmont Australia Limited

COMPILED	RPL	SCALE	1:600,000
DRAWN	MFC	DRAWING No.	SO39-1
DATE	JULY, 1990	FIGURE No.	1

EL 1684 - CURNAMONA

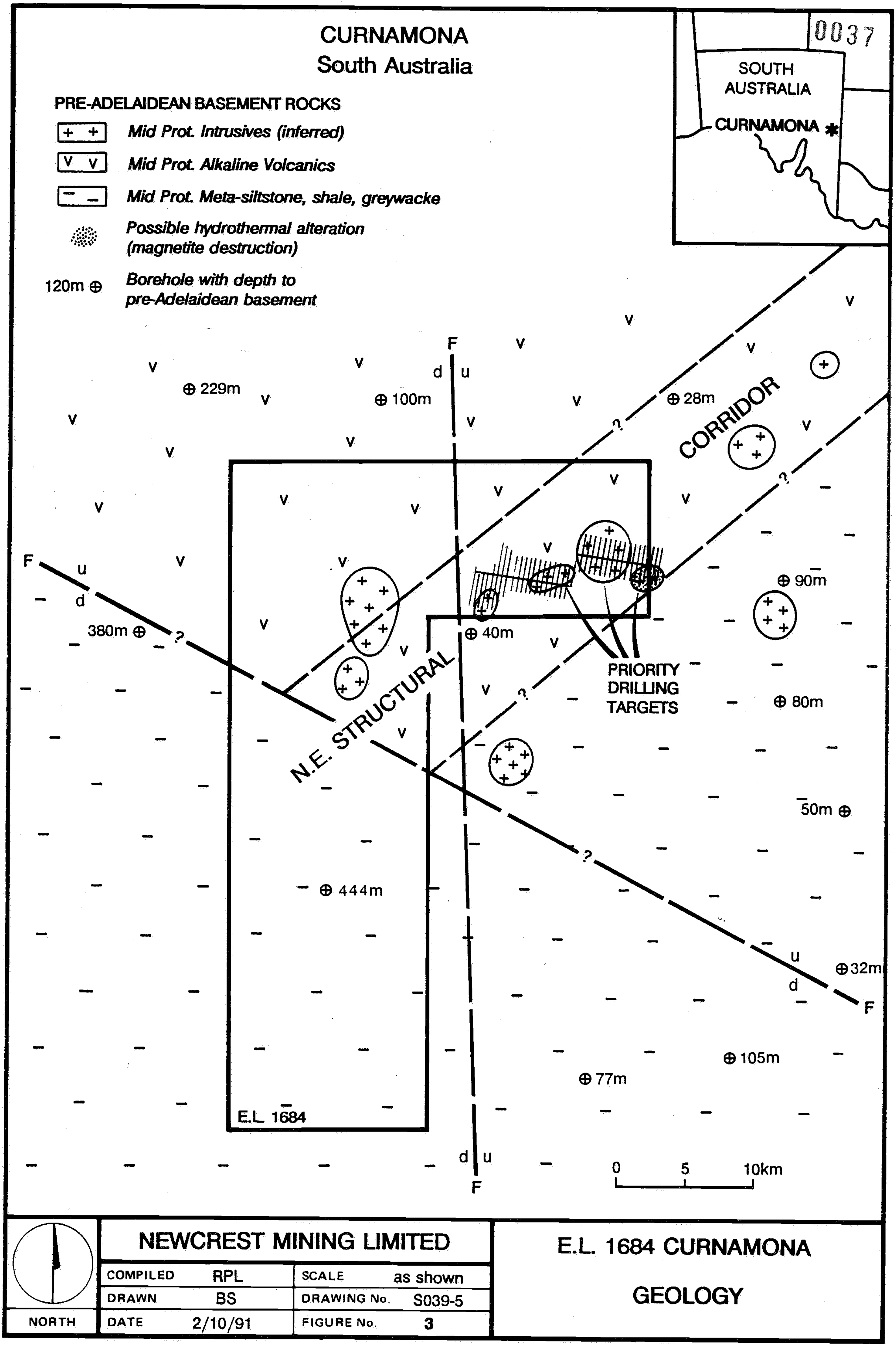
LOCATION MAP



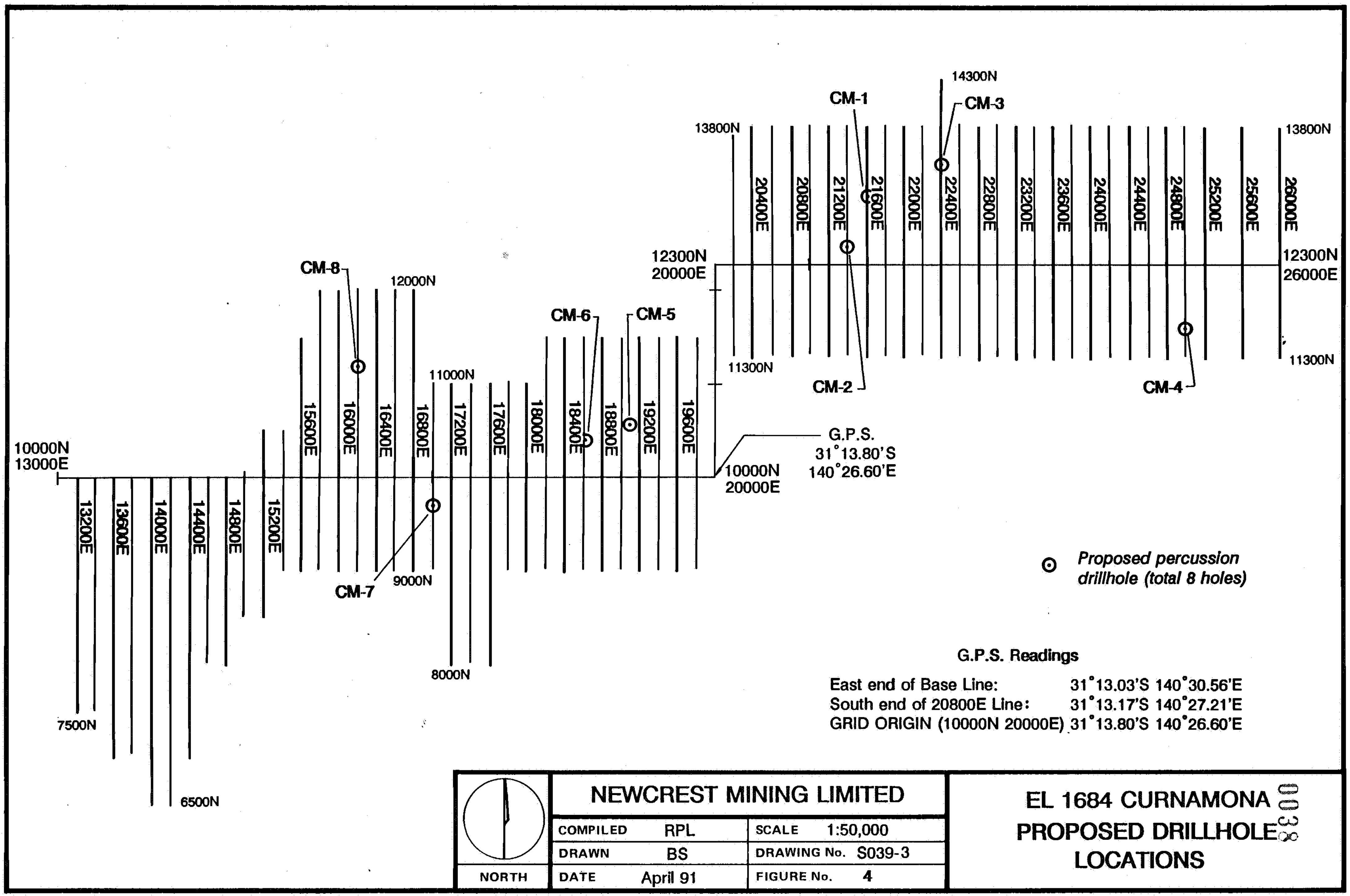
Compiled from
1:250,000 Curnamona Sheet

NEWCREST MINING LIMITED				EL 1684 CURNAMONA GRID LOCATION
COMPILED	RPL	SCALE	1:250,000	
DRAWN	BS	DRAWING No.	S039-2	
DATE	May 1991	FIGURE No.	2	

NORTH



0037
CURNAMONA
South Australia
PRE-ADELAIDEAN BASEMENT ROCKS
Mid Prot. Intrusives (inferred)
Mid Prot. Alkaline Volcanics
Mid Prot. Meta-siltstone, shale, greywacke
Possible hydrothermal alteration (magnetite destruction)
120m ⊕ Borehole with depth to pre-Adelaidean basement
SOUTH AUSTRALIA
CURNAMONA
229m
100m
28m
CORRIDOR
N.E. STRUCTURAL
380m
40m
90m
80m
50m
444m
32m
105m
77m
PRIORITY DRILLING TARGETS
E.L. 1684
F
u
d
?
0 5 10km
NORTH
NEWCREST MINING LIMITED
COMPILED RPL
DRAWN BS
DATE 2/10/91
SCALE as shown
DRAWING No. S039-5
FIGURE No. 3
E.L. 1684 CURNAMONA
GEOLOGY



CM-1
CM-2
CM-3
CM-4
CM-5
CM-6
CM-7
CM-8
14300N
13800N
12300N 20000E
12300N 26000E
12000N
11300N
11000N
10000N 13000E
10000N 20000E
9000N
8000N
7500N
6500N
13200E
13600E
14000E
14400E
14800E
15200E
15600E
16000E
16400E
16800E
17200E
17600E
18000E
18400E
18800E
19200E
19600E
20400E
20800E
21200E
21600E
22000E
22400E
22800E
23200E
23600E
24000E
24400E
24800E
25200E
25600E
26000E
G.P.S. 31°13.80'S 140°26.60'E
Proposed percussion drillhole (total 8 holes)
G.P.S. Readings
East end of Base Line: 31°13.03'S 140°30.56'E
South end of 20800E Line: 31°13.17'S 140°27.21'E
GRID ORIGIN (10000N 20000E) 31°13.80'S 140°26.60'E
NORTH
NEWCREST MINING LIMITED
COMPILED RPL
DRAWN BS
DATE April 91
SCALE 1:50,000
DRAWING No. S039-3
FIGURE No. 4
EL 1684 CURNAMONA
PROPOSED DRILLHOLE LOCATIONS
0038

S039-5

0039

NEWCREST MINING LIMITED

Exploration Licence 1684
Curnamona
Fifth Quarterly Report for the Period
31 October 1991 to 30 January 1992

Grant D. McEwen
BRISBANE

March 1992

Distribution:

Newcrest Mining Ltd, Brisbane (1)
Newcrest Mining Ltd, Melbourne (1)
S.A. Department of Mines and Energy (1)

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2	Section 21 400E - Au Results	1:500
3	Section 21 400E - Cu Results	1:500
4	Section 22 000E - Au Results	1:500
5	Section 22 000E - Cu Results	1:500
6	Section 17 000E - Au Results	1:500
7	Section 17 000E - Cu Results	1:500
8	Section 18 600E - Au Results	1:500
9	Section 18 600E - Cu Results	1:500
10	Section 19 100E - Au Results	1:500
11	Section 19 100E - Cu Results	1:500
12	Section 25 000E - Au Results	1:500
13	Section 25 000E - Cu Results	1:500

SUMMARY

Exploration Licence 1684 Curnamona was granted to Newmont Australia Limited on 31 October 1990, for a term of one year.

Subsequently, Newmont Australia Limited merged with BHP Gold Mines to form the company Newcrest Mining Limited.

Applications to extend tenure of the northern half of the tenement for a further year and relinquish the southern half of the tenement were submitted in September and October 1991 respectively.

Scout drill testing of geophysical targets located within the northeastern portion of the tenement has delineated a linear belt of buried intrusives located within mafic to intermediate volcanics of Proterozoic age. Elevated base metal, silver, arsenic and bismuth values occur within altered volcanics overlying a magnetic feature interpreted as being a deep seated intermediate/felsic intrusive.

No significant gold results were returned from the drilling programme.

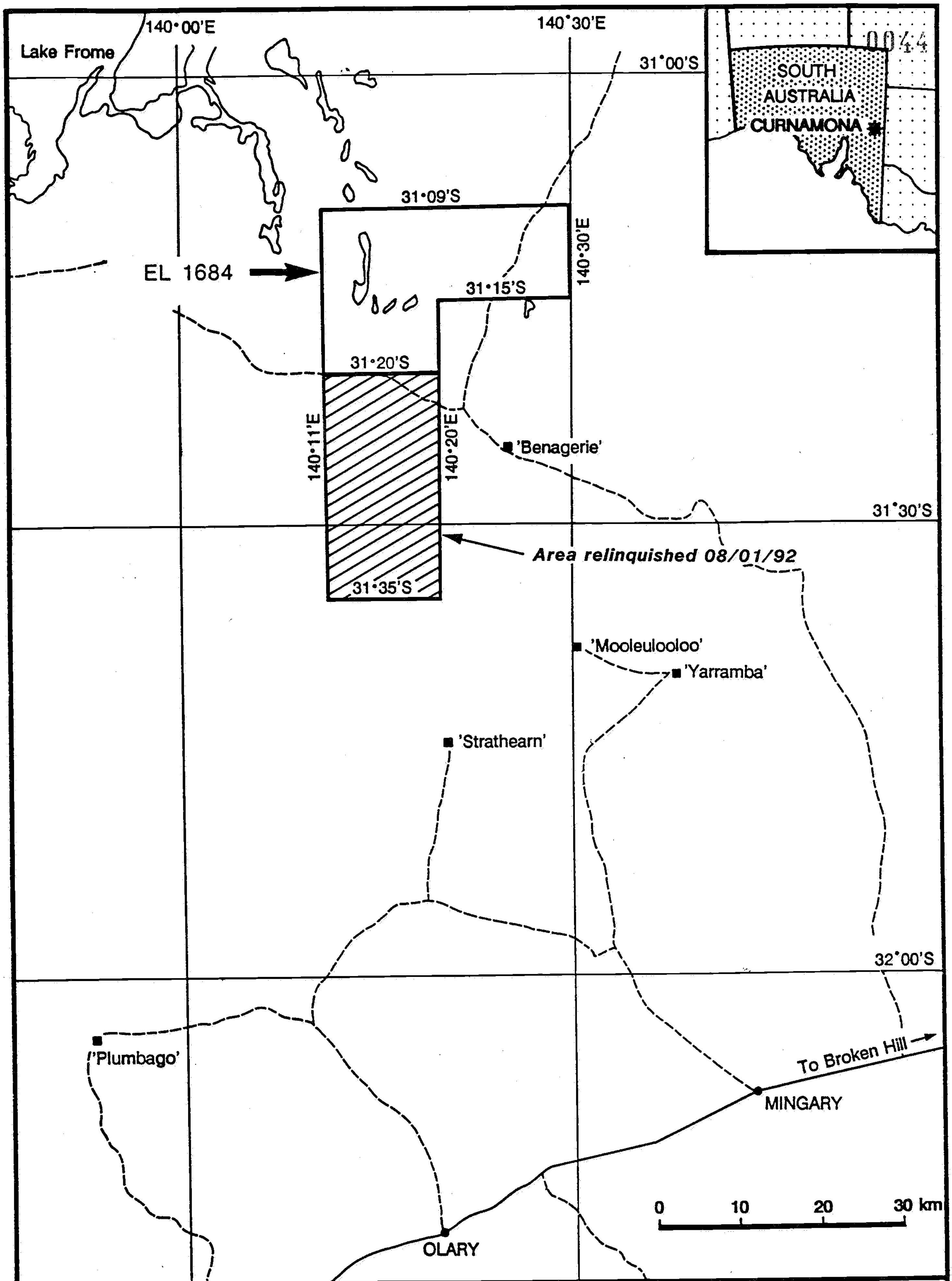
1. INTRODUCTION

Newmont Australia Limited made application for an Exploration Licence over 861 sq km north of Olary, S.A. on 10 July 1990. This application was granted as EL 1684 for a period of one year with a commencement date of 31 October 1990. Subsequently, Newmont Australia Limited merged with BHP Gold Limited and changed names to Newcrest Mining Limited.

Application for an extension of tenure for a further year to 31 October 1992, along with a request for partial relinquishment were submitted on 17 September and 24 October 1991 respectively. The current tenement situation now stands as shown in Figure 1.

Newcrest's prime exploration target within EL 1684 is base metal-gold mineralisation associated with intrusive rocks. As the prospective Proterozoic basement is completely covered by Phanerozoic rocks, exploration has been largely dependent upon geophysical and drilling information, combined with geological-geophysical modelling.

This report covers exploration activities undertaken during the fifth quarter, between 31 October 1991 and 30 January 1992. Work completed during this period comprised scout drilling of six percussion holes to test geophysical targets located within the eastern portion of the tenement. Total expenditure for the period was $74,994.



NORTH

Newmont Australia Limited

COMPILED	RPL	SCALE	1:600,000
DRAWN	MFC	DRAWING No.	SO39-1
DATE	March 1992	FIGURE No.	1

EL 1684 - CURNAMONA

LOCATION MAP

2. EXPLORATION ACTIVITIES

2.1 Drilling

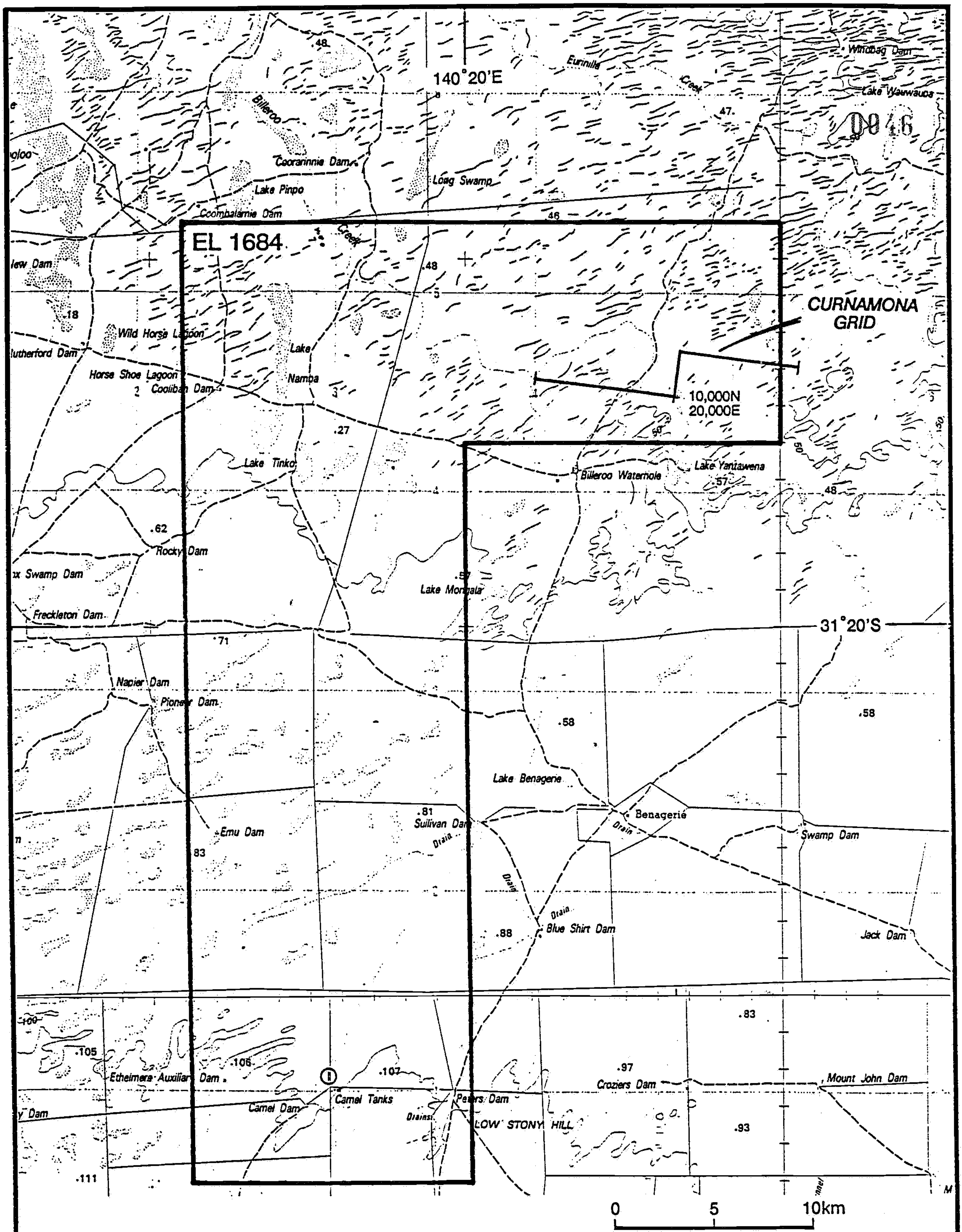
Using data collected from geophysical ground surveys completed over the eastern portion of the tenement (Figure 2) six targets were identified for follow-up scout drill testing. Three holes were planned to test a linear, NE trending series of magnetic features interpreted as representing intrusive stocks emplaced along a prominent crustal structure. A further two holes were targeted on zones of subdued magnetic response associated with these magnetic features and thought to possibly represent areas of hydrothermal alteration and magnetite destruction. A sixth hole was planned to test a coincident magnetic/gravity feature located on the eastern boundary of the tenement which may also represent large scale hydrothermal alteration.

Drilling commenced on 5 December 1991 and was carried out by Mt Barker based contractor Frank Walsh Drilling, using a modified Walsh rig mounted on an 8 x 8 RFW truck. A total of seven hundred and fifty four metres (754 m) were drilled using a combination of Rotary Mud drilling through the Phanerozoic clay/sand cover, followed by Reverse Circulation hammer drilling through oxidised to fresh basement. Rotary Mud samples were collected at 2 m intervals while all Reverse Circulation samples were collected at 1 m intervals.

Drillhole locations are plotted on Plan 1 using Local Grid co-ordinates, with Grid North = Magnetic North. Drillhole logs are presented in Appendix I and sections showing gold and copper results are presented in Plans 2 to 13.

Four hundred and thirty eight (438) 5 kg samples were selected and analysed for Au (Fire), Ag, As, Bi, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, P, Sb, V and Zn (ICP) by Classic Laboratories, Adelaide. Sample ledgers and laboratory certificates of analysis are presented in Appendix II.

All holes were drilled through a sequence of Quaternary aeolian sand and Tertiary(?) puggy clays before intersecting weathered bedrock. Average depth to basement for the programme was 39 m.



Compiled from
1:250,000 Curnamona Sheet

NORTH	NEWCREST MINING LIMITED				EL 1684 CURNAMONA GRID LOCATION
	COMPILED	RPL	SCALE	1:250,000	
	DRAWN	BS	DRAWING No.	S039-2	
	DATE	May 1991	FIGURE No.	2	

A summary of drilling results follows:

CMR-1/CMR-1A

Targeted on the most prominent magnetic feature located within the Newcrest geophysical survey area. Modelling of profiles across this feature indicates an approximate vertical depth to the magnetic source of 400 m. Drilling was planned to test for potential alteration within the overlying mafic volcanic sequence.

Drillhole CMR-1A returned the most significant results for all the holes completed in this programme, intersecting elevated Ag, As, Cu, Pb, Zn and Bi (to 17.5 ppm, 260 ppm, 1280 ppm, 460 ppm, 450 ppm and 165 ppm respectively). Mineralisation appears to be related to several zones of moderate to strong bleaching and pyritisation within massive basaltic to andesitic volcanics.

CMR-2

Targeted on a zone of subdued magnetic response located marginal to the large magnetic feature drill tested by CMR-1A. Geophysical interpretation suggests that this may represent an area of hydrothermal alteration associated with either a large deep seated intrusive or a small, shallowly emplaced stock/dyke located further to the northeast. Modelling of the smaller, intense magnetic feature to the northeast of CMR-2 indicates an approximate vertical depth to magnetic source of 110 m.

Drilling intersected two narrow zones of silicification and epidote alteration within basalts which returned weakly elevated As and Pb responses to 100 ppm and 220 ppm respectively. Alteration is associated with numerous narrow adamellite(?) dykes which have been intruded along brittle fractures within the mafic volcanics, indicating that a more substantial intrusive body may exist at depth.

No significant Au results were returned.

CMR-3

Targeted on a poorly defined magnetic feature located on the margin of an interpreted N-S trending structure. This structure appears to have offset the major northeasterly trending linear along which the magnetic features are aligned and, from gravity and borehole data, has been downfaulted to the west.

Drilling intersected a thick sequence of weathered haematitic basalts with numerous cross-cutting intermediate dykes of probable adamellite composition. No evidence of significant alteration or mineralisation was encountered in this hole, which failed to reach fresh bedrock.

CMR-4

As for hole CMR-2, this hole was targeted on a zone of possible hydrothermal alteration (magnetic low) located marginally to a series of high level intrusives (magnetic highs). Geophysical modelling of the magnetic features estimates approximate vertical depths to magnetic sources of between 50 and 250 m.

Drilling intersected a thick sequence of white kaolinitic clays containing abundant angular quartz, before encountering massive, fine quartz-rich adamellite. Weakly elevated As and Zn (to 145 ppm and 230 ppm respectively) results were returned from along the oxidised/fresh bedrock interface, where up to 1% pyrite was observed during drilling.

No significant Au results were returned.

Unexpectedly, magnetic susceptibility readings of chip samples taken every 5 m once hammer drilling commenced, were highest from this hole, particularly from near bottom of hole. This suggests that the subdued magnetic response returned from the ground magnetics survey may reflect the degree of deep weathering and kaolinitic clay cover in this area.

CMR-5

Targeted on the northernmost magnetic feature adjacent to hole number CMR-4.

As for CMR-4, drilling intersected white kaolinitic clays followed by fresh, massive adamellite. The kaolinitic clay sequence was thinner in CMR-5, however, with no evidence of sulphides at the oxidised/fresh bedrock interface.

No significant assay results were returned for this hole.

CMR-6

Targeted on near coincident gravity "high"-magnetic "low" features located on the eastern boundary of the tenement. Geophysical interpretation of these features is unclear, but it may represent large scale hydrothermal alteration of a non-magnetic intrusive.

Drilling intersected a deep sequence of quartz-rich kaolinitic clays, followed by a massive, medium grained intrusive of granodioritic composition.

Weakly elevated As (to 105 ppm) and Zn (to 115 ppm) values were returned from a narrow, weakly pyritic zone located immediately beneath the oxidised/fresh bedrock interface. No significant Au results were returned.

3. CONCLUSIONS AND RECOMMENDATIONS

Drill-testing of geophysical targets within the Newcrest grid area produced the following results:

- Depth to proterozoic basement averaged 38 m, as was indicated from the regional borehole database.

- The northeasterly trending belt of magnetic "highs" were found to relate to a series of intermediate/felsic intrusives having adamellite compositions, which have intruded a thick sequence of mafic to intermediate volcanics.

- Two areas of subdued magnetic relief lying adjacent to the margins of the magnetic "highs" are believed to be the result of deep weathering and clay cover, not the result of hydrothermal alteration. The two holes drilled to test these areas both intersected thick clay sequences overlying fresh basement.

- A near coincident gravity/magnetic feature was found to relate to deep weathering of a granodiorite, located on the eastern margin of the major northeast trending lineament.

- No significant gold results were returned for any of the holes.

- The only significant fresh bedrock anomalous base metal results were returned by hole CMR-1A, which intersected bleached and pyritised mafic/intermediate volcanics overlying the largest magnetic feature within the Newcrest grid area.

Further exploration work is recommended to follow-up the anomalous results returned from CMR-1A. Air Core drilling to the limit of weathering, along with composite sampling of the weathered basement may be utilised to target specific sites for further deep percussion drilling.

4. EXPENDITURE

Total expenditure incurred for the three month period from 31 October 1991 to 30 January 1992 was $74,994, a breakdown of which is given below:

Expenditure Type	$
Salaries	9,064
Wages	1,125
Overheads	7,319
Office Rentals and Rates	702
Travel and Accommodation	1,351
Computer	113
Administration	16
Assaying	13,000
Drilling	32,356
Geophysics	168
Supplies	2,807
Exploration Office	5,425
Land Management	1,276
Field Living	272
Total	$74,994

APPENDIX I

Drillhole Logs

NEWCREST MINING LIMITED
GEOLOGICAL LEGEND

PROJECT: EL 1684 CURNAMONA

LITHOLOGY

WEATHERING LITHOLOGIES	
Symbol	Description
WSP	Saprolitic Clays
WPD	Pallid Clays
ROK	Unknown lithology (texture destroyed by weathering)

SEDIMENTARY ROCKS	
Symbol	Description
SSD	Sand (Predominantly aeolian derived)
SCY	Clays (Massive to laminated, puggy)
SSS	Sandstone

VOLCANIC ROCKS	
Symbol	Description
VU	Volcanic (Undifferentiated)
VDC	Dacite
VAN	Andesite
VBS	Basalt

INTRUSIVE ROCKS	
Symbol	Description
IU	Intrusive (Undifferentiated
IAD	Adamellite
IGD	Granodiorite

GEOLOGICAL LEGEND

MINERALS

Symbol	Mineral	Symbol	Mineral
al	alunite	hn	hornblende
am	amethyst	fe	iron oxides
ap	arsenopyrite	js	jarosite
az	azurite	lm	limonite
ba	barite	mt	magnetite
bi	biotite	ma	malachite
bn	bornite	mn	mangaese minerals
ca	calcite/calcareous	mc	marcasite
cs	carbonaceous	mi	mica
cb	carbonate	mo	molybdenite
ch	chalcedony	ol	olivine
cc	chalcocite	or	orpiment
cp	chalcopyrite	py	pyrite
cl	chlorite	px	pyroxene
cn	cinnabar	ph	pyrrhotite
cy	clay	qz	quartz
ci	clay (illite)	rg	realgar
ck	clay (kaolin)	sc	scheelite
cv	covellite	se	sericite
en	enargite	si	silica/siliceous
ep	epidote	sp	sphalerite
fd	feldspar	sb	stibnite
fs	fuchsite	sf	sulfides
gl	galena	ta	talc
gt	garnet	th	tetrahedrite
go	goethite	tm	tourmaline
gp	gypsum	wo	wollastonite
hm	hematite		

MINERALISATION STYLES

Symbol	Min Style
D	Disseminated
M	Vein
V	Massive

GEOLOGICAL LEGEND

ALTERATION

Symbol	Alteration	Symbol	Alteration
ar	argillic	pv	pervasive
bh	bleached	pt	potassic
js	jasperoid	pp	propylitic
le	leached	si	silicification

STRUCTURE/TEXTURE

Symbol	Struct/Text	Symbol	Struct/Text
Bnd	Banded	Maf	Mafic
Bed	Bedded	Mag	Magnetic
Bio	Bioturbated	Mas	Massive
Bld	Bladed	Mg	Medium grained
Bky	Blocky	Mon	Monomictic
Brx	Brecciated	Oxi	Oxidised
Cht	Cherty	Pil	Pillowed
Cg	Coarse grained	Plm	Plumose
Col	Colloform	Pol	Polymictic
Com	Comb	Por	Porphyritic
Crs	Crustiform	Pug	Puggy
Xtl	Crystalline	Sco	Scoriaceous
Dis	Disseminated	Shd	Sheared
Fel	Felsic	Spt	Spotted
Fg	Fine grained	Stn	Stained
Flb	Flow banded	Stk	Stockwork
Fol	Foliated	Sug	Sugary
Fos	Fossiliferous	Tuf	Tuffaceous
Frc	Fractured	Umf	Ultramafic
Fsh	Fresh	Vn	Veined
Fri	Friable	Vcg	Very coarse grained
Hln	Hairline	Vfg	Very fine grained
Int	Intermediate	Ves	Vesicular
Kby	Knobbly	Vug	Vuggy
Lam	Laminated	Wel	Welded
Lit	Lithic	Znd	Zoned

GEOLOGICAL LEGEND

COLOURS

Symbol	Colour	Symbol	Colour
Bk	Black	Ow	Off white
Bl	Blue	Or	Orange
Br	Brown	Pk	Pink
D	Dark (prefix)	Pu	Purple
Gr	Green	Rd	Red
Gy	Grey	Wh	White
Kk	Khaki	Yl	Yellow
L	Light (prefix)		

INTENSITIES

Symbol	Intensity	Symbol	Intensity
1	Trace	Tr	Trace
2	Weak	Wk	Weak
3	Moderate	Md	Moderate
4	Strong	St	Strong
5	Intense	Ab	Abundant

NEWCREST MINING LIMITED
Percussion Drill Hole Summary Sheet

Hole Number: CMR-1

Project: EL 1684 Curnamona **Prospect:**

Target: Mafic volcanics overlying deep seated magnetic feature

Logged by: G.D. McEwen **Date:** December 1991

COLLAR DETAILS

AMG: **Northing:** 65 47 040 **Easting:** 4 48 704

LOCAL: **Northing:** 12 500 **Easting:** 21 400

Bearing: - (Mag) - (Grid) **Dip at Collar:** -90°

DRILLING DETAILS

Contractor: Frank Walsh Drilling **Rig:** Walsh

Commenced: 5.12.91 **Completed:** 6.12.91

Final Depth: 28 m

DRILLING SUMMARY

FROM	TO	METHOD	BIT SIZE
0	28 m	RC Face Sampling Hammer	5½"

SAMPLING DETAILS

Sample Nos. **From:** **To:**

LABORATORY	ELEMENTS	METHOD

Comments: Hole collapsed - drilling abandoned. No samples analysed.

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE NO: CMR-1
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
0	1	Poor	LBr			SSD							Fg (Water injection)
1	5	Mod	LBr			SSD							Fg, clayey
5	7	Mod	LBr			SSD							5% qz fragments
7	10	Mod	LBr			SSD							
10	11	Mod	LBr			SSD							
11	21	Mod	Gy			SCY							
21	25	Poor	Gy			SCY							
25	28	Mod	Gy			SCY							

Page 1 of 1

NEWCREST MINING LIMITED
Percussion Drill Hole Summary Sheet

Hole Number: CMR-1A

Project: EL 1684 Curnamona **Prospect:** -

Target: Mafic volcanics overlying deep seated magnetic feature

Logged by: G.D. McEwen **Date:** December 1991

COLLAR DETAILS

AMG: **Northing:** 65 47 081 **Easting:** 4 48 731

LOCAL: **Northing:** 12 556.5 **Easting:** 21 402

Bearing: - (Mag) - (Grid) **Dip at Collar:** -90°

DRILLING DETAILS

Contractor: Frank Walsh Drilling **Rig:** Walsh

Commenced: 6.12.91 **Completed:** 8.12.91

Final Depth: 126 m

DRILLING SUMMARY

FROM	TO	METHOD	BIT SIZE
0	90 m	Rotary Mud	6"
90 m	126 m	RC Face Sampling Hammer	5½"

SAMPLING DETAILS

Sample Nos. **From:** CM 001R **To:** CM 052 R

LABORATORY	ELEMENTS	METHOD
Classic Labs (Adelaide)	Au	FAI
" " "	Ag, As, Bi, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, P, Sb, V, Zn	IC2

Comments: Drilling stopped by high water flow rates.

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-1A
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
0	2		LBr		Fg	SSD							cy2
2	7		LBr		M-Cg	SCY							cy2-3, Md cemented qz SSD
7	20		Gy		Pug	SCY							
20	25		Gy		Pug-2	SCY							Wk Sandy
25	32		Ow-LPkBr		Pug-2	SCY							
32	40		YlPk			SCY							
40	46		PkYl			SCY							
46	50		YlPk		Pug-2	SCY							
50	52		Ow-LYl		Pug-2	SCY							
52	54		LYl-Pk		Pug-2	SCY							
54	58		Ow-LYl		Pug-2	SCY							
58	62		Ow		Pug-2	SCY							
62	64		Ow-LBr		Pug-2	SCY							
64	66		Br			SCY							Tr Oxi, Int ROK
66	70		Br			SCY							Md Oxi, Int ROK
70	74		Ow-LYl			SCY							Ab Oxi, Int ROK
74	78		Br	Oxi-4	Int?	IU/IV?							cy5
78	86		LYlBr			SCY							Tr Oxi ROK
86	88		Ow-LBr	Oxi-5		ROK				Xtl	Tr		cy5, Wk fe Stn
88	90		Ow-LBr	Oxi-4	Fg	VU?						1.03	cy4, Wk fe Stn
90	91	Good	Gn	Fsh	Vfg	VAN		D-sf	Tr				Wet
91	92	Good	LGn	Fsh	Mag-1	VAN		D-py	Tr				
92	93	Good	LGn.	Fsh		VAN		D-py	Tr				
93	94	Good	LGn	Oxi-1	Por-2	VAN							
94	95	Good	LGn	Fsh		VAN	bh2	D-py	Tr				
95	96	Good	LGn	Fsh	Vfg	VAN/VBS?							
96	97	Good	LGy	Fsh		VAN	bh5	D-py	Tr	Mas?	Tr	1.45	cl flecks
97	98	Good	Ow	Fsh		VAN	bh4						cl flecks
98	99	Good	LGy	Fsh		VAN	bh4						cl flecks
99	100	Good	LGy	Fsh		VAN	bh2	D-py	Tr			0.58	
100	101	Good	LGy	Fsh		VAN	bh2						
101	102	Good	LBr	Fsh		VAN	fe2						
102	103	Good	LGy	Fsh		VAN	bh4	D-py	Tr				cl flecks
103	104	Good	LGy	Fsh		VAN	bh3	D-py	Tr				cl flecks
104	105	Good	LGy	Fsh		VAN	bh4 ep1	D-py	1			0.40	cl flecks
105	106	Good	Gn	Fsh		VAN	bh3						
106	107	Good	GyGn	Fsh	Mag?	VAN		D-py,ph?	Tr				
107	108	Good	Gy	Fsh		VAN/VBS?		D-py	5				
108	109	Good	LGy	Fsh		VAN		D-sf	Tr				
109	110	Good	LGy	Fsh		VAN		D-py	Tr			5.14	

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-1A
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
110	111	Good	LGy	Fsh		VAN	bh3	D-py	Tr				
111	112	Good	LGy	Fsh		VAN	bh2	D-py	Tr				
112	113	Good	LGy	Fsh		VAN	bh2						
113	114	Good	LGy	Fsh		VAN	bh1						
114	115	Good	LGy	Fsh		VAN	bh3	D-py	Tr			2.17	Ab Gy mineral (cl?)
115	116	Good	LGy	Fsh		VAN/VDC?	ep1	D-py	Tr				
116	117	Good	LGy	Fsh		VAN/VDC?	bh1	D-py	Tr				Ab Gy mineral (cl?)
117	118	Good	LGy	Fsh		VAN/VDC?	bh1	D-py	Tr				Ab Gy mineral (cl?)
118	119	Good	GyGn	Fsh		VAN							
119	120	Good	GyGn	Fsh		VAN	ep1	D-py,ph?	Tr			2.41	
120	121	Good	GyGn	Fsh		VAN		D-sf	Tr	hm?	Tr		
121	122	Mod	Gn	Fsh	Bky-3	VAN	bh3 ep1	D-py	1	hm?	Tr		Wet. Fracture/fault, abundant water
122	123	Poor	Gn	Fsh		VAN	bh4 ep2	D-py	Tr				Wet. Tr hm?? filled fractures
123	124	Poor	DGn	Fsh		VAN/VBS?		D-py	Tr	Mas?	Tr		Wet
124	125	Mod	DGn	Fsh	Por?-2	VAN/VBS?		D-py	Tr				Wet
125	126	Mod	DGn	Fsh		VAN/VBS?		D-py	Tr			0.51	

NEWCREST MINING LIMITED
Percussion Drill Hole Summary Sheet

Hole Number: CMR-2

Project: EL 1684 Curnamona **Prospect:** -

Target: Zone of subdued magnetic response located on margin of deep seated magnetic feature

Logged by: G.D. McEwen **Date:** December 1991

COLLAR DETAILS

AMG: **Northing:** 65 47 530 **Easting:** 4 49 386

LOCAL: **Northing:** 13 049.5 **Easting:** 21 999.5

Bearing: - (Mag) - (Grid) **Dip at Collar:** -90°

DRILLING DETAILS

Contractor: Frank Walsh Drilling **Rig:** Walsh

Commenced: 8.12.91 **Completed:** 10.12.91

Final Depth: 139 m

DRILLING SUMMARY

FROM	TO	METHOD	BIT SIZE
0	56 m	Rotary Mud	6"
56 m	139 m	RC Face Sampling Hammer	$5\frac{1}{2}$"

SAMPLING DETAILS

Sample Nos. **From:** CM 057R **To:** CM 142R

LABORATORY	ELEMENTS	METHOD
Classic Labs (Adelaide)	Au	FAI
" " "	Ag, As, Bi, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, P, Sb, V, Zn	IC2

Comments: Drilling stopped by high water flow rates

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-2
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
0	5		LBR			SSD							cy3
5	10		Ow-LYlBr			SCY							
10	14		Gy		Pug-3	SCY							
14	20		LYl-LGy			SCY							Md Sandy
20	28		Gy		Pug	SCY							
28	30		LGy		Cg	SSD							cy3/4
30	42		Gy-DGy		Pug-4	SCY							
42	52		Ow-LGy		Pug-2	WSP?							Tr Vfg SSS fragments?
52	56		Ow-YlBr			WSP?							Ab Oxi-5 ROK
56	57	V.Poor	Kk	Oxi-2	Vfg	SSS							Wet
57	58	Mod	Kk	Oxi-2	Vfg	SSS	ep1						Lam-2, cy2
58	59	Good	Br	Oxi-2	Vfg	SSS	mi?						cy3
59	60	Good	GyBr	Oxi-2	Vfg	SSS	mi2					0.25	
60	61	Good	Br	Oxi-2	Vfg	SSS							cy2
61	62	Good	YlBr	Oxi-2	Vfg	SSS							cy3
62	63	Good	DBr	Oxi-4		ROK							fe Stn
63	64	V.Poor	Br	Oxi-2	Vfg	SSS							
64	65	V.Poor	Br	Oxi-5		WSP						0.18	Mn fragments fe3 ROK
65	66	Poor	DBr	Oxi-4		ROK							cy4
66	67	Mod	DBr	Oxi-4	Vfg	SSS							cy4
67	68	Good	DBr	Oxi-4	Vfg	SSS							cy2
68	69	Good	Br	Oxi-3	Vfg	SSS							cy2
69	70	Mod	DBr	Oxi-3	Vfg	SSS						0.29	
70	71	Poor	DBr	Oxi-3	Vfg	SSS							cy4
71	72	Poor	DBr	Oxi-2	Vfg	SSS							
72	73	Poor	Br	Oxi-2	Vfg	VAN/VBS?							Tr Pk IAD?
73	74	Mod	Br	Oxi-1	Vfg	VAN							Cht
74	75	Mod	Br	Oxi-2	Vfg	VAN						0.45	Tr Pk IAD?
75	76	Mod	Br	Oxi-3	Vfg	VAN							
76	77	Mod	Br	Oxi-3	Vfg	VAN							Mn Pk IAD?
77	78	Poor	Br	Oxi-3	Vfg	VAN							
78	79	Poor	DBr	Oxi-3	Vfg	VAN							Md fe Stn
79	80	Mod	DBr	Oxi-2	Vfg	VBS?						0.63	
80	81	Mod	DBr	Oxi-2		VBS							
81	82	Mod	DBr	Oxi-2		VBS							
82	83	Mod	DBr	Oxi-1		VBS							
83	84	Mod	DBr	Oxi-1		VBS							
84	85	Mod	DBr	Oxi-1		VBS						0.93	
85	86	Mod	DBr	Oxi-1		VBS							Tr Pk IAD? Wet
86	87	Mod	DBr	Oxi-1		VBS							Md Pk IAD? Wet

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-2
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
87	88	Poor	DBr	Oxi-1		VBS							
88	89	Mod	DBr	Oxi-2		VBS							
89	90	Mod	DBr	Oxi-1		VBS						0.58	cy3. Damp
90	91	Poor	DBr	Oxi-1		VBS							cy3. Damp
91	92	Poor	DBr	Oxi-1		VBS				Xtl	Tr		Tr Pk IAD? Wet
92	93	Mod	DBr	Oxi-1		VBS				Xtl	1		Wet
93	94	Mod	DBr	Fsh		VBS				Mas	Tr		Wet
94	95	Mod	DBr	Fsh		VBS				Mas	Tr	0.41	Wet
95	96	Poor	DGn	Oxi-1		VBS	ep1			Mas	Tr		Wet
96	97	Poor	DGn	Oxi-1		VBS				Mas	1		Wet
97	98	Good	DGn	Fsh		VBS	ep4			Mas	Tr		Wet. Tr Pk IAD?
98	99	Poor	DGn	Fsh		VBS	ep3						Wet. Ab Pk IAD?
99	100	Mod	DGn	Fsh		VBS	ep2					0.51	40% Pk IAD. Wet
100	101	Good	DGn	Fsh		VBS	ep3						40% Pk IAD, Cht-1. Wet
101	102	Good	DGn	Fsh		VBS	ep3	Dpy	Tr				40% Pk IAD, Cht-1. Wet
102	103	Good	DGn	Fsh		VBS	ep1						40% Pk IAD. Wet
103	104	Poor	DGn	Fsh		VBS	ep1	Dpy	Tr				10% Pk IAD. Wet
104	105	Poor	DGn	Fsh		VBS	ep1					0.55	20% Pk IAD. Wet
105	106	Poor	DGn	Fsh		VBS	ep1	Dpy	Tr				10% Pk IAD. Wet
106	107	Mod	DGn	Fsh		VBS	ep1			Mas	Tr		30% Pk IAD. Wet
107	108	Mod	Kk	Fsh		VBS	ep1			Mas	Tr		20% Pk IAD. Wet
108	109	Mod	DGn	Fsh		VBS	ep1						40% Pk IAD. Wet
109	110	Good	DGn	Fsh		VBS	ep1					0.68	40% Pk IAD. Wet
110	111	Good	DGn	Fsh		VBS		Dpy	Tr	Mas	Tr		10% Pk IAD. Wet
111	112	Mod	DGn	Fsh		VBS		Dpy	Tr				10% Pk IAD. Brx. Wet
112	113	Mod	DGn	Fsh		VBS		Dpy	Tr	Mas	Tr		40% Pk IAD. Wet
113	114	Mod	DGn	Fsh		VBS							20% Pk IAD. Wet
114	115	Mod	DGn	Fsh		VBS				Mas	Tr	0.69	10% Pk IAD. Wet
115	116	Good	DGn	Fsh	Bky-2	VBS		Dpy	Tr	Mas	Tr		Tr Pk IAD. Wet
116	117	Mod	DGn	Fsh		VBS				Mas	Tr		5% Pk IAD. Wet
117	118	Poor	DGn	Fsh		VBS	ep1						40% Pk IAD. Wet
118	119	Mod	DGn	Fsh		VBS	ep2						40% Pk IAD. Wet
119	120	Mod	DGn	Fsh		VBS	si3, ep1					0.75	40% Pk IAD. Wet
120	121	Mod	DGn	Fsh		VBS	ep2			Mas	Tr		20% Pk IAD. Wet
121	122	Mod	DGn	Fsh		VBS		Dpy	Tr				Tr Pk IAD. Wet
122	123	Mod	DGn	Fsh		VBS							Tr Pk IAD. Wet
123	124	Mod	DGn	Fsh		VBS							5% Pk IAD. Wet
124	125	Mod	DGn	Fsh	Shd-2?	VAN/VBS?						0.58	40% Pk IAD. Wet
125	126	Mod	DGn	Fsh		VBS?							20% Pk IAD. Wet
126	127	Mod	DGn	Fsh		VBS?							30% Pk IAD. Wet

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NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-2
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
127	128	Mod	DGn	Fsh		VBS							40% Pk IAD. Wet
128	129	Mod	DGn	Fsh		VBS	ep1						Tr Pk IAD. Wet
129	130	Mod	DGn	Fsh		VBS						0.66	10% Pk IAD. Wet
130	131	Mod	DGn	Fsh		VBS		Dpy	Tr				10% Pk IAD. Wet
131	132	Mod	DGn	Fsh		VBS		Dpy	Tr				20% Pk IAD. Wet
132	133	Mod	DGn	Fsh		VBS							40% Pk IAD. Wet
133	134	Mod	DGn	Fsh	Brx-3?	VBS?	ep2	Dpy	Tr				50% Shd? Pk IAD. Wet
134	135	Mod	DGn	Fsh	Mag-1	VBS		Dpy	Tr			0.82	40% Pk IAD. Wet
135	136	Good	DRdGn	Fsh	Mag-1	VBS							5% Pk IAD. Wet
136	137	Mod	DRdGn	Fsh	Bky-5	VBS							5% Pk IAD, Frc-4. Wet
137	138	Mod	DGn	Fsh	Bky-4	VBS	ep2						10% Pk IAD, Frc-4. Wet
138	139	Poor	DGn	Fsh	Bky-3	VBS	si4, ep3					0.25	50% Pk IAD, Frc-4. Wet

NEWCREST MINING LIMITED
Percussion Drill Hole Summary Sheet

Hole Number: CMR-3

Project: EL 1684 Curnamona **Prospect:** -

Target: Magnetic feature located adjacent to major interpreted N-S trending structure

Logged by: G.D. McEwen **Date:** December 1991

COLLAR DETAILS

AMG: **Northing:** 65 44 906 **Easting:** 4 44 024

LOCAL: **Northing:** 9700 **Easting:** 17000

Bearing: - (Mag) - (Grid) **Dip at Collar:** -90°

DRILLING DETAILS

Contractor: Frank Walsh Drilling **Rig:** Walsh

Commenced: 10.12.91 **Completed:** 11.12.91

Final Depth: 126 m

DRILLING SUMMARY

FROM	TO	METHOD	BIT SIZE
0	23 m	Rotary Mud	6"
23 m	126 m	RC Face Sampling Hammer	5½"

SAMPLING DETAILS

Sample Nos. **From:** CM 143R **To:** CM 249R

LABORATORY	ELEMENTS	METHOD
Classic Labs (Adelaide)	Au	FAI
" " "	Ag, As, Bi, Cd, Co, Cr, Cu Fe, Mn, Mo, Ni, Pb, P, Sb, V, Zn	IC2

Comments: Failed to reach fresh bedrock

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-3
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
0	3		LBr			SSD							cy2, gp at base
3	19		Gy		Pug-4	SCY							
19	23		PuBr			SCY							fe ROK fragments
23	24	Poor	LPuBr	Oxi-4		ROK							fe Stn, Wet
24	25	Good	LPuBr	Oxi-3		VU						0.57	fe Stn, Wet
25	26	Good	LPuBr	Oxi-4		VU							fe Stn
26	27	Good	LPuBr	Oxi-4		VU							fe Stn
27	28	Good	LPuBr	Oxi-4		VU							fe Stn
28	29	Mod	LPuBr	Oxi-4		VBS?							Tr cherty
29	30	Mod	LBr	Oxi-4		VU						1.08	Wk fe Stn, Tr jasper
30	31	Good	LPuBr	Oxi-3		VU							fe Stn
31	32	Good	LPuBr	Oxi-4		VU							fe Stn
32	33	Good	LYlPuBr	Oxi-4		VU							fe Stn
33	34	Good	PuBr	Oxi-4		VU							fe Stn
34	35	Good	LPuBr	Oxi-4	Por-3	VU						1.33	fe Stn
35	36	Mod	LPuBr	Oxi-4		VAN/VBS?	ep1						Wk fe Stn
36	37	Mod	LPuBr	Oxi-4		VAN/VBS?							fe Stn
37	38	Mod	LPuBr	Oxi-3		VAN?							fe Stn
38	39	Good	LPuBr	Oxi-4		IU?	ep1						Ab VU? fe Stn (F-Mg IU)
39	40	Good	LPuBr	Oxi-3		VBS						1.09	fe Stn
40	41	Good	LPuBr-Gy	Oxi-4		VAN/VBS?							fe Stn
41	42	Good	LGy	Oxi-4		IU							
42	43	Mod	LPuBr	Oxi-4	Por-3	VU							fe Stn
43	44	Good	LPuBr	Oxi-4		VU							fe Stn
44	45	Good	LPuBr	Oxi-4		VU						1.56	fe Stn
45	46	Good	LPuBr	Oxi-4		VU							fe Stn
46	47	Mod	LPuBr	Oxi-4		VU							fe Stn
47	48	Mod	LPuBr	Oxi-4		VBS							fe Stn
48	49	Good	LPuBr	Oxi-3		VBS				Mas	Tr		fe Stn
49	50	Mod	LPuBr	Oxi-3		VBS						1.77	fe Stn
50	51	Mod	LPuBr	Oxi-3		VBS							fe Stn
51	52	Good	LPuBr	Oxi-3		VAN/VBS?							fe Stn
52	53	Mod	LPuBr	Oxi-3		VAN/VBS?							fe Stn, 20% Int IU (ep2), Mg
53	54	Mod	LPuBr-Gy	Oxi-3		VAN/VBS?							fe Stn, Tr Int Iu, Mg
54	55	Mod	LPuBr	Oxi-3	Por-1	VAN/VBS?						1.73	fe Stn
55	56	Good	LPuBr	Oxi-3		VAN/VBS?							fe Stn
56	57	Mod	LBr	Oxi-3		IU							Wk fe Stn (qz-cl-bi?) Mg
57	58	Mod	LBr	Oxi-3	Fel	IU						1.56	Mg, qz-rich (IPQ?)
58	59	Mod	Br	Oxi-3	Fel	IU							Mg, qz-rich (IPQ?), Wk fe Stn
59	60	Good	LBr	Oxi-3		VBS				Mas	Tr	2.33	fe Stn

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-3
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
60	61	Good	LPuBr-Gy	Oxi-3	Fel	IU							50% fe Stn VU
61	62	Good	LBr	Oxi-3	Fel	IU							Vfg-Mg, Wk fe Stn
62	63	Good	LBr	Oxi-3	Fel	IU							Vfg-Mg, Wk fe Stn
63	64	Mod	Br	Oxi-3	Fel	IU							Mg, Wk fe Stn
64	65	Mod	Br	Oxi-3	Fel	IU						1.60	Mg, Wk fe Stn
65	66	Good	Br	Oxi-3		VU?							fe Stn
66	67	Mod	LBr	Oxi-3	Por?-1	VAN/VBS?							fe Stn
67	68	Good	DBr	Oxi-3		VBS							fe Stn
68	69	Mod	Br	Oxi-3		VAN/VBS?							fe Stn
69	70	Good	LPuBr	Oxi-3		VAN/VBS?						1.62	fe Stn
70	71	Good	LPuBr	Oxi-3		VAN/VBS?							fe Stn
71	72	Mod	LPuBr	Oxi-3		VAN/VBS?							fe Stn
72	73	Mod	LPuBr	Oxi-3		VAN/VBS?							fe Stn
73	74	Mod	LPuBr	Oxi-4		VAN/VBS?							fe Stn
74	75	Good	LPuBr	Oxi-4		VAN/VBS?						2.09	fe Stn
75	76	Mod	LPuBr	Oxi-4		VAN/VBS?							fe Stn, Tr Fel IU?
76	77	Mod	LPuBr	Oxi-3		VAN/VBS?							fe Stn
77	78	Mod	LPuBr	Oxi-3		VAN/VBS?							fe Stn
78	79	Good	LGy	Oxi-4	Brx?	VAN/VBS?	si2,ep2						fe Stn, si flooded
79	80	Mod	LBr	Oxi-4		VAN/VBS?						2.68	fe Stn
80	81	Mod	LBr	Oxi-3		VAN/VBS?							fe Stn
81	82	Good	LBr	Oxi-4		VAN/VBS?							fe Stn, Tr Fel? IU. Damp
82	83	Mod	DBr	Oxi-3		VBS							fe Stn
83	84	Good	Br	Oxi-3		VBS							fe Stn, Tr cherty
84	85	Mod	LPuBr	Oxi-3		VAN/VBS?						1.50	fe Stn, Tr Fel IU?
85	86	Mod	LPuBr	Oxi-3	Por-1	VAN/VBS							fe Stn
86	87	Mod	LPuBr	Oxi-3		VAN/VBS							fe Stn
87	88	Mod	LPuBR-Br	Oxi-2		VAN/VBS							Wk fe Stn
88	89	Mod	LPuBr	Oxi-3		VAN/VBS							fe Stn
89	90	Mod	LPuBr	Oxi-3		VAN/VBS						2.02	fe Stn, Tr Fel/Int IU?
90	91	Mod	LPuBr	Oxi-3		VAN/VBS							fe Stn, Tr Fel/Int IU?
91	92	Mod	LPuBr	Oxi-4		VAN/VBS							fe Stn, Tr Fel/Int IU?
92	93	Mod	LPuBr	Oxi-2		VAN/VBS							Wk fe Stn
93	94	Mod	LPuBr	Oxi-3		VAN/VBS							fe Stn
94	95	Good	LPuBr	Oxi-3	Mg, Fel	IU						1.54	50% fe Stn VU
95	96	Mod	LPuBr	Oxi-3	Mg, Fel	IU							50% fe Stn VU
96	97	Mod	LPuBr	Oxi-3		VAN/VBS?	si?			Hln	Tr		fe Stn
97	98	Mod	LPuBr	Oxi-3	Mg, Fel	IU							
98	99	Mod	LGyBr	Oxi-2	Fel/Int?	IU							F-Mg
99	100	Mod	LPuBr	Oxi-3	Int?	IU						1.52	Fg

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NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-3
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
100	101	Mod	LPuBr	Oxi-3	Fg	IU							
101	102	Mod	LPuBr	Oxi-3	Fg	IU							
102	103	Mod	LPuBr	Oxi-3	F-Mg	IU							
103	104	Mod	Br	Oxi-4	Shd?	VBS							fe Stn
104	105	Mod	LPuBr	Oxi-3		VBS						1.46	fe Stn
105	106	Mod	LPuBr	Oxi-3		VBS							fe Stn
106	107	Mod	LPuBr	Oxi-3		VAN/VBS?							fe Stn
107	108	Mod	LBrGn	Fsh		VBS							Tr fe Stn
108	109	Mod	LPuBr	Oxi-3		VBS							fe Stn, Tr Mg Int IU (ep1)
109	110	Mod	LPuBr	Oxi-3	Bnd?	VBS	si?					2.35	fe Stn
110	111	Mod	LPuBr	Oxi-3		VBS							fe Stn
111	112	Mod	LPuBr	Oxi-3		VBS							fe Stn
112	113	Mod	LPuBr	Oxi-3		VAN/VBS?							fe Stn, Tr Mg IU?
113	114	Mod	Br	Oxi-4		VBS							fe Stn
114	115	Mod	LGn	Fsh		VBS						0.79	Tr fe Stn
115	116	Mod	LPuBr	Oxi-3		VBS							fe Stn
116	117	Mod	LPuBr	Oxi-3		VBS							fe Stn
117	118	Mod	LPuBr	Oxi-3		VBS							fe Stn, Tr Mg IU?
118	119	Mod	LBr	Oxi-3		VBS							fe Stn
119	120	Mod	LPuBr	Oxi-3		VBS						1.80	fe Stn
120	121	Mod	LPuBr	Oxi-3		VBS							fe Stn
121	122	Mod	LPuBr	Oxi-3		VBS							fe Stn
122	123	Mod	LPuBr	Oxi-3		VBS							fe Stn
123	124	Mod	LBr	Oxi-3		VBS							fe Stn
124	125	Mod	LPuBr	Oxi-4		VBS						2.80	fe Stn
125	126	Mod	LPuBr	Oxi-4		VBS							fe Stn

NEWCREST MINING LIMITED
Percussion Drill Hole Summary Sheet

0069

Hole Number: CMR-4

Project: EL 1684 Curnamona **Prospect:** -

Target: Zone of subdued magnetic response adjacent to shallowly buried magnetic feature.

Logged by: G.D. McEwen **Date:** December 1991

COLLAR DETAILS

AMG: **Northing:** 65 45 350 **Easting:** 4 45 701

LOCAL: **Northing:** 10 400 **Easting:** 18 600

Bearing: - (Mag) - (Grid) **Dip at Collar:** -90°

DRILLING DETAILS

Contractor: Frank Walsh Drilling **Rig:** Walsh

Commenced: 11.12.91 **Completed:** 12.12.91

Final Depth: 130 m

DRILLING SUMMARY

FROM	TO	METHOD	BIT SIZE
0	84 m	Rotary Mud	6"
84 m	130 m	RC Face Sampling Hammer	5½"

SAMPLING DETAILS

Sample Nos. **From:** CM 250R **To:** CM 325R

LABORATORY	ELEMENTS	METHOD
Classic Labs (Adelaide)	Au	FAI
" " "	Ag, As, Bi, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, P, Sb, V, Zn	IC2

Comments:

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-4
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
0	3		LBr		Fg	SSD							gp crystals to 1cm, cy2
3	10		Gy		Pug-3	SCY							
10	11		Gy		F-Mg	SSD							
11	14		Gy		Pug-2	SCY							
14	16		Gy		F-Mg	SSD							cy2
16	23		Gy-YlGn		Pug-2	SCY							Mn F-Mg SSD bands
23	24		Ow-LYl		Pug-4	SCY	ck?4						St sandy (Fg, qz)
24	26		Ow-LYl		Pug-4	SCY	ck4						St sandy (Fg, qz)
26	28		Ow-LYl		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
28	30		Ow-LYl		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
30	32		Ow-LYl		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
32	34		Ow-LYl		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
34	36		Ow-LYl		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
36	38		Ow-LYl		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
38	40		Ow-LYl		Pug-4	SCY	ck4						As above, Tr qz-rich Fg Fel I?
40	42		Wh		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
42	44		Wh		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
44	46		Wh		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
46	48		Wh		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
48	50		Wh		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
50	52		Wh		Pug-4	SCY	ck4						St sandy (Fg, angular qz)
52	54		Wh	Oxi-5	Fel	IU?	cy5						As above, Mn qz-rich Fg Fel I?
54	56		Wh	Oxi-5	Fel	IU	cy5						St sandy (Fg, angular qz)
56	58		Ow-LGy	Oxi-5	Fel	IU	cy5						St sandy (Fg, angular qz)
58	60		Ow-LGy	Oxi-5	Fel	IU	cy5						Ab qz-rich Fg Fel IU?
60	62		Ow-LGy	Oxi-5	Fel	IU	cy5						Ab qz-rich Fg Fel IU?
62	64		Ow-LGy	Oxi-5	Fel	IU	cy5						Ab qz-rich Fg Fel IU?
64	66		Ow-LGy	Oxi-5	Fel	IU	cy5						Ab Mg qz fragments
66	68		Ow-LGy	Oxi-5	Fel	IU	cy5						Ab Mg qz fragments
68	70		Ow-LGy	Oxi-5	Fel	IU	cy5						Ab Mg qz fragments
70	72		LGy	Oxi-5	Fel	IU	cy5	D-py	Tr				Tr Fg Fel IU?
72	74		LGy	Oxi-5	Fel	IU	cy5						Ab Mg qz fragments
74	76		LGy	Oxi-5	Fel	IU	cy5						Ab Mg qz fragments
76	78		LGy	Oxi-5	Fel	IU	cy5						Ab Mg qz fragments
78	80		Gy	Oxi-5	Fel	IU	cy5	D-py	Tr				Ab Mg qz fragments
80	82		Gy	Oxi-5	Fel	IU	cy5	D/M-py	Tr				Ab Mg qz fragments
82	84		Gy	Oxi-5	Fel	IU	cy5	M-py	1				Ab Mg qz fragments
84	85												No sample return
85	86												No sample return
86	87	V.Poor	Br	Oxi-4	Fel	IU							Damp. Fri-4, F-Mg

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-4
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
87	88	V.Poor	Br	Oxi-4	Fel	IU		D-py	Tr				Damp. Fri-4, F-Mg
88	89	V.Poor	Br	Oxi-4	Fel	IU	cy2	D-py	Tr				Damp. Fri-3, F-Mg
89	90	V.Poor	Br	Oxi-4	Fel	IU	cy2	D-py	Tr				Damp. Fri-3, F-Mg
90	91	V.Poor	Br	Oxi-3	Fel	IU	cy4	D-py	Tr				Damp. F-Mg
91	92	V.Poor	Br	Oxi-3	Fel	IU		D-py	Tr				Damp. F-Mg
92	93	V.Poor	GnBr	Oxi-3	Fel	IU							Damp. F-Mg
93	94	Mod	GnBr	Oxi-1	Fel/Int?	IU							
94	95	Good	Gn	Oxi-1	Fel/Int?	IU						2.64	Mg
95	96	Good	Gn	Fsh	Fel/Int?	IAD							Mg
96	97	Mod	Gn	Fsh	Int	IAD							Wet. Mg
97	98	Mod	Gn	Fsh	Int	IAD							Wet. Mg
98	99	Mod	Gn	Fsh	Int	IAD							Damp. Mg
99	100	Good	Br	Fsh	Int	IAD						12.00	Mg
100	101	Good	BrGn	Fsh	Mg	IAD							Damp. Mg
101	102	Good	GyGn	Fsh	M-Cg	IAD							
102	103	Good	Gy	Fsh	Por-2	IAD		D-py	Tr				fd phenocrysts
103	104	Mod	Gy	Fsh	Mag-2	IAD		D-py	Tr				Mg
104	105	Good	PkGy	Fsh	Mag-2	IAD		D-py	Tr			20.40	Mg
105	106	Mod	PkGy	Fsh	Mag-2	IAD		D-py	Tr				
106	107	Mod	PkGy	Fsh	Mag-3	IAD		D-py	Tr				
107	108	Mod	Gy	Fsh	Mag-3	IAD		D-py	Tr				
108	109	Mod	Gy	Fsh		IAD		D-py	Tr				
109	110	Mod	PkGy	Fsh	Mag-3	IAD		D-py	Tr			23.80	
110	111	Mod	PkGy	Fsh	Mag-3	IAD		D-py	Tr				
111	112	Mod	PkGy	Fsh	Mag-2	IAD		D-py	Tr				
112	113	Mod	PkGy	Fsh	Mag-2	IAD							Por-4 (Cg fd to 3mm)
113	114	Mod	Gy	Fsh	Mag-2	IAD							Por-3
114	115	Mod	PkGy	Fsh	Mag-1	IAD		D-py	Tr			22.00	
115	116	Poor	Gy	Fsh	Mag-1	IAD		D-py	Tr				
116	117	Mod	PkGy	Fsh	Mag-2	IAD		D-py	Tr				
117	118	Mod	PkGy	Fsh	Mag-2	IAD							Por-2 (Cg fd)
118	119	Good	Gy	Fsh	Mag-2	IAD		D-py	Tr				
119	120	Poor	PkGy	Fsh	Mag-3	IAD						29.60	
120	121	Mod	PkGy	Fsh	Mag-3	IAD		D-py	Tr				
121	122	Mod	Gy	Fsh	Mag-3	IAD		D-py	Tr				
122	123	Mod	PkGy	Fsh	Mag-3	IAD		D-py	Tr				
123	124	Mod	Gy	Fsh	Mag-3	IAD		D-py	Tr				
124	125	Good	Gy	Fsh	Mag-3	IAD						22.40	
125	126	Good	PkGy	Fsh	Mag-3	IAD		D-py	Tr				
126	127	Mod	Gy	Fsh	Mag-3	IAD							

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-4
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
127	128	Good	PkGy	Fsh	Mag-3	IAD		D-py	Tr				Damp
128	129	Mod	Gy	Fsh	Mag-3	IAD							Por-3 (Cg fd)
129	130	Mod	LGy	Fsh	Mag-3	IAD		D-py	Tr			33.30	Por-3 (Cg fd)

NEWCREST MINING LIMITED
Percussion Drill Hole Summary Sheet

Hole Number: CMR-5

Project: EL 1684 Curnamona **Prospect:** -

Target: Shallowly buried magnetic feature

Logged by: G.D. McEwen **Date:** December 1991

COLLAR DETAILS

AMG: **Northing:** 65 45 451 **Easting:** 44 62 05

LOCAL: **Northing:** 10 550 **Easting:** 19 100

Bearing: - (Mag) - (Grid) **Dip at Collar:** -90°

DRILLING DETAILS

Contractor: Frank Walsh Drilling **Rig:** Walsh

Commenced: 12.12.91 **Completed:** 13.12.91

Final Depth: 80 m

DRILLING SUMMARY

FROM	TO	METHOD	BIT SIZE
0	32 m	Rotary Mud	6"
32	80	RC Face Sampling Hammer	5½"

SAMPLING DETAILS

Sample Nos. **From:** CM 326R **To:** CM 379R

LABORATORY	ELEMENTS	METHOD
Classic Labs (Adelaide)	Au	FAI
" " "	Ag, As, Bi, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, P, Sb, V, Zn	IC2

Comments:

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-5
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
0	2		LBR		Fg	SSD							cy3
2	9		Gy		Pug-4	SCY							
9	10		Kk			SCY							
10	12		Gy		Pug-4	SCY							
12	14		Gy-Bk		Pug-4	SCY							
14	21		Gy		Pug-4	SCY							
21	22		Kk-Gn		Pug-4	SCY							
22	25		Ow		Pug-4	SCY	ck5						Md Sandy
25	32		YlBr	Oxi-5		ROK	cy4						
32	33	V.Poor	Br	Oxi-4		IAD	cy3						Wet
33	34	Good	LBr	Oxi-4		IAD	cy3						Wet. Wk fe Stn
34	35	Good	LBr	Oxi-4	M-Cg	IAD						1.33	Wk fe Stn
35	36	Good	Br	Oxi-2		IAD							
36	37	Good	LBr	Oxi-4?		IAD							
37	38	Good	LBr	Oxi-2		IAD							
38	39	Good	LBr	Oxi-1		IAD							
39	40	Good	LBr	Oxi-2		IAD						3.07	
40	41	Mod	LBr	Oxi-2		IAD							
41	42	Mod	LBr	Oxi-2		IAD	ep1						
42	43	Good	LBr	Oxi-2		IAD							
43	44	Good	LBr	Oxi-2		IAD							
44	45	Good	LBr	Oxi-1	Por-3	IAD						2.35	Cg phenocrysts to 4mm
45	46	Mod	LBr	Oxi-1	Por-3	IAD							
46	47	Good	LBr	Oxi-1		IAD							
47	48	Good	LBr	Oxi-1		IAD							
48	49	Good	LBr	Oxi-2		IAD							
49	50	Mod	LBr	Oxi-1		IAD						2.22	
50	51	Mod	LBr	Oxi-1		IAD							
51	52	Mod	LBr	Oxi-1	Por-2	IAD							
52	53	Mod	LBr	Oxi-1		IAD							
53	54	Mod	LBr	Oxi-1	Mag-2	IAD							
54	55	Mod	PkBr	Oxi-1		IAD						2.88	
55	56	Good	YlBr	Oxi-2		IAD							
56	57	Mod	Br	Oxi-1		IAD							
57	58	Mod	LBr	Oxi-2		IAD	cl3						
58	59	Mod	LBr	Fsh	Mag-2	IAD							
59	60	Good	LBr	Fsh	Mag-3	IAD						15.00	
60	61	Good	LBr	Oxi-1		IAD							
61	62	Good	BrGn	Fsh	Mag-3	IAD							
62	63	Good	BrGn	Fsh	Mag-3	IAD							

0074

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-5
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
63	64	Poor	LBr	Fsh	Mag-3	IAD							
64	65	Mod	LBr	Fsh	Por-2	IAD						16.40	Cg, Mag-3
65	66	Mod	LBr	Fsh	Mag-3	IAD							
66	67	Mod	Br	Fsh	Mag-2	IAD							Wet
67	68	Mod	Br	Fsh	Mag-2	IAD							
68	69	Good	PkBr	Fsh		IAD							
69	70	Good	Br	Fsh	Mag-2	IAD						10.90	
70	71	Mod	LPkBr	Fsh	Mag-2	IAD							
71	72	Poor	LPkBr	Fsh	Mag-1	IAD							
72	73	Mod	LPkBr	Fsh		IAD							
73	74	Mod	LGy	Fsh		IAD							
74	75	Mod	LPk	Fsh	Mag-3	IAD						15.90	
75	76	Mod	LPkGy	Fsh	Mag-3	IAD							
76	77	Mod	LPkGy	Fsh	Mag-2	IAD							
77	78	Poor	Gy	Fsh	Mag-3	IAD		D-py	Tr				
78	79	Mod	PkGy	Fsh	Mag-3	IAD							
79	80	Good	Gy	Fsh	Mag-3	IAD		D-py	Tr			21.20	

NEWCREST MINING LIMITED
Percussion Drill Hole Summary Sheet

Hole Number: CMR-6

Project: EL 1684 Curnamona **Prospect:** -

Target: Coincident gravity "high"/magnetic "low" features

Logged by: G.D. McEwen **Date:** December 1991

COLLAR DETAILS

AMG: **Northing:** 65 45 483 **Easting:** 4 52 107

LOCAL: **Northing:** 11 400 **Easting:** 25 000

Bearing: - (Mag) - (Grid) **Dip at Collar:** -90°

DRILLING DETAILS

Contractor: Frank Walsh Drilling **Rig:** Walsh

Commenced: 13.12.91 **Completed:** 15.12.91

Final Depth: 125 m

DRILLING SUMMARY

FROM	TO	METHOD	BIT SIZE
0	91 m	Rotary Mud	6"
91 m	125 m	RC Face Sampling Hammer	$5\frac{1}{2}$"

SAMPLING DETAILS

Sample Nos. **From:** CM 380R **To:** CM 442R

LABORATORY	ELEMENTS	METHOD
Classic Labs (Adelaide)	Au	FAI
" " "	Ag, As, Bi, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, P, Sb, V, Zn	IC2

Comments:

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-6
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
0	4		LBr			SSD							cy3
4	8		LGy			SCY							St Sandy
8	16		Gy-Kk		Pug-3	SCY							
16	18		Gy		Pug-4	SCY							
18	20		LGy		Pug-3	SCY							Wk Sandy
20	36		Gy		Pug-4	SCY							
36	40		Ow-Gy		Pug-4	WPD	ck3						Wk Sandy
40	42		Ow-LYlGy		Pug-3	WPD	ck4						Wk Sandy, Mn qz fragments
42	48		Ow		Pug-3	WPD	ck5						Mg qz fragments
48	64		Ow			WPD	ck5						
64	88		LGy			WPD	ck2?						
88	91		Gy			IU?	cy4						quartzose
91	92	V.Poor	LGnBr			SCY							Wet. Mn qz fragments
92	93	V.Poor	LGnBr	Oxi-3		IGD?	cy3						Wet. bi/hb IGD
93	94	V.Poor	LGnBr	Oxi-3	Fri-4	IGD?							Wet. cl replacement of bi/hb?
94	95	V.Poor	LGnBr	Fsh	Mg	IGD							Wet.
95	96	Poor	Gn	Fsh		IGD		D-py	Tr				Wet.
96	97	Mod	Gn	Fsh		IGD		D-py,ap?	Tr				Wet.
97	98	Poor	Gn	Fsh		IGD							Wet.
98	99	V.Poor	Gn	Fsh		IGD							
99	100	Mod	Gn	Fsh		IGD						1.68	
100	101	Mod	LGyGn	Fsh		IGD							
101	102	Mod	LGyGn	Fsh		IGD							
102	103	Mod	LGyGn	Fsh		IGD		D-ap?	Tr				
103	104	Mod	LGyGn	Fsh		IGD							
104	105	Good	Gn	Fsh		IGD						3.11	
105	106	Poor	Gn	Fsh		IGD							Wet
106	107	Mod	LGyGn	Fsh		IGD							
107	108	Mod	LGyGn	Fsh		IGD							
108	109	Mod	LGyGn	Fsh		IGD							
109	110	Mod	LGyGn	Fsh		IGD						2.73	
110	111	Mod	LGyGn	Fsh		IGD							
111	112	Mod	LGyGn	Fsh		IGD							
112	113	Mod	LGyGn	Fsh		IGD							
113	114	Mod	LGyGn	Fsh		IGD							
114	115	Poor	LGn	Fsh		IGD				Xtl	Tr	1.71	
115	116	Poor	Gn	Fsh	Bky-2	IGD				Mas	10		Damp
116	117	Mod	Gn	Fsh		IGD	ep2, pt1	D-py	Tr	Mas	10		Wet
117	118	V.Poor	Gn	Fsh		IGD	ep1			Mas	Tr		Wet
118	119	Poor	Gn	Fsh		IGD				Mas	Tr		Wet

0077

NEWCREST MINING LTD
REVERSE CIRCULATION DRILLING LOG SHEET

HOLE No: CMR-6
PROJECT: EL 1684 CURNAMONA

FROM	TO	RETURN	COLOUR	WEATHERING	STRUCT/TXT	LITHOLOGY	ALTERATION	MIN	% SULF	QTZ VNS	% QTZ	MAG-SUS	COMMENTS
119	120	Poor	Gn	Fsh		IGD		D-py	Tr			1.36	Wet
120	121	Mod	LGn	Fsh		IGD							
121	122	Mod	LGn	Fsh		IGD							
122	123	Mod	Gn	Fsh		IGD							Wet
123	124	Poor	Gn	Fsh		IGD	ep1		Tr				Wet
124	125	V.Poor	Gn	Fsh		IGD		D-py				1.86	Wet

APPENDIX II

Drillhole Sample Ledgers and Certificates of Analysis

NEWCREST MINING LTD
DRILLHOLE SAMPLE LEDGER

Project: EL 1684 Curnamona

SAMPLE No	HOLE No	FROM	TO	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	V-ppm	Zn-ppm
CM 001R	CMR-1A	58.000	60.000	0.01	<0.5	18	<3	25	1	55	<5	12	22
CM 002R	CMR-1A	60.000	62.000	0.02	<0.5	25	<3	20	3	52	<5	11	22
CM 003R	CMR-1A	62.000	64.000	0.02	0.5	30	<3	25	2	76	<5	9	24
CM 004R	CMR-1A	64.000	66.000	0.02	8.5	260	5	210	13	460	<5	42	155
CM 005R	CMR-1A	66.000	68.000	0.02	17.5	220	14	140	10	370	<5	42	130
CM 006R	CMR-1A	68.000	70.000	0.01	2.0	120	11	85	6	200	<5	18	64
CM 007R	CMR-1A	70.000	72.000	0.03	3.5	40	4	38	2	88	<5	10	30
CM 008R	CMR-1A	72.000	74.000	0.01	13.0	18	<3	30	1	52	<5	8	22
CM 009R	CMR-1A	74.000	76.000	0.01	1.0	94	6	80	5	185	<5	22	84
CM 010R	CMR-1A	76.000	78.000	0.01	4.0	96	6	82	5	155	<5	20	82
CM 011R	CMR-1A	78.000	80.000	0.01	17.5	22	12	50	2	48	<5	22	35
CM 012R	CMR-1A	80.000	82.000	0.01	12.5	50	72	100	3	76	<5	11	46
CM 013R	CMR-1A	82.000	84.000	0.01	1.5	95	100	85	6	94	<5	9	64
CM 014R	CMR-1A	84.000	86.000	0.01	16.5	72	140	110	6	66	<5	8	54
CM 015R	CMR-1A	86.000	88.000	0.02	8.0	84	165	155	6	90	<5	8	68
CM 016R	CMR-1A	88.000	90.000	0.01	8.5	120	17	145	6	82	<5	6	92
CM 017R	CMR-1A	90.000	91.000	0.01	1.0	10	<3	720	4	28	<5	6	45
CM 018R	CMR-1A	91.000	92.000	0.01	1.0	7	<3	1280	3	32	<5	11	72
CM 019R	CMR-1A	92.000	93.000	<0.01	<0.5	12	<3	160	4	48	<5	8	42
CM 020R	CMR-1A	93.000	94.000	<0.01	<0.5	12	<3	96	5	22	<5	14	66
CM 021R	CMR-1A	94.000	95.000	0.01	<0.5	34	9	42	9	22	<5	11	110
CM 022R	CMR-1A	95.000	96.000	0.02	<0.5	8	<3	64	4	7	<5	6	42
CM 023R	CMR-1A	96.000	97.000	0.02	<0.5	20	<3	52	4	17	<5	14	86
CM 024R	CMR-1A	97.000	98.000	0.02	<0.5	10	<3	38	3	8	<5	6	44
CM 025R	CMR-1A	98.000	99.000	<0.01	<0.5	16	<3	20	4	10	<5	6	55
CM 026R	CMR-1A	99.000	100.00	0.01	<0.5	7	<3	13	4	6	<5	5	36
CM 027R	CMR-1A	100.00	101.00	0.01	<0.5	6	<3	32	5	9	<5	5	56
CM 028R	CMR-1A	101.00	102.00	<0.01	<0.5	13	4	30	2	6	<5	6	40
CM 029R	CMR-1A	102.00	103.00	<0.01	1.0	42	20	105	3	25	<5	12	40
CM 030R	CMR-1A	103.00	104.00	0.01	0.5	24	8	46	3	8	<5	13	56
CM 031R	CMR-1A	104.00	105.00	0.01	2.0	90	14	130	8	72	<5	32	280
CM 032R	CMR-1A	105.00	106.00	0.01	3.5	190	11	100	10	250	<5	18	360
CM 033R	CMR-1A	106.00	107.00	0.01	1.0	84	<3	72	6	60	<5	32	160
CM 034R	CMR-1A	107.00	108.00	<0.01	3.0	145	8	320	7	70	<5	36	280
CM 035R	CMR-1A	108.00	109.00	0.01	<0.5	15	<3	55	3	15	<5	28	54
CM 036R	CMR-1A	109.00	110.00	0.02	1.0	24	38	155	3	24	<5	28	50
CM 037R	CMR-1A	110.00	111.00	<0.01	1.5	35	22	210	3	14	<5	32	32
CM 038R	CMR-1A	111.00	112.00	<0.01	0.5	16	7	42	3	5	<5	16	20
CM 039R	CMR-1A	112.00	113.00	0.01	<0.5	16	7	12	3	3	<5	19	13
CM 040R	CMR-1A	113.00	114.00	0.02	<0.5	24	11	56	3	5	<5	22	20
CM 041R	CMR-1A	114.00	115.00	<0.01	<0.5	13	4	11	12	<3	<5	42	18
CM 042R	CMR-1A	115.00	116.00	0.01	<0.5	54	12	25	4	7	<5	40	22
CM 043R	CMR-1A	116.00	117.00	<0.01	1.0	195	44	175	6	22	<5	76	40
CM 044R	CMR-1A	117.00	118.00	0.01	<0.5	16	17	34	3	13	<5	350	42
CM 045R	CMR-1A	118.00	119.00	0.01	1.5	60	9	150	4	250	<5	54	450
CM 046R	CMR-1A	119.00	120.00	<0.01	0.5	19	7	54	7	10	<5	40	42
CM 047R	CMR-1A	120.00	121.00	<0.01	0.5	28	9	65	4	11	<5	62	52
CM 048R	CMR-1A	121.00	122.00	<0.01	1.5	45	12	105	7	25	<5	15	150
CM 049R	CMR-1A	122.00	123.00	0.01	1.0	86	10	175	4	22	<5	15	45
CM 050R	CMR-1A	123.00	124.00	<0.01	2.0	40	9	155	4	94	<5	35	185
CM 051R	CMR-1A	124.00	125.00	<0.01	4.0	78	15	290	10	140	<5	62	150
CM 052R	CMR-1A	125.00	126.00	<0.01	1.0	34	3	44	6	14	<5	50	44
CM 057R	CMR-2	28.000	30.000	0.02	<0.5	2	<3	11	2	7	<5	28	12
CM 058R	CMR-2	42.000	44.000	<0.01	<0.5	10	<3	32	3	8	<5	54	16
CM 053R	CMR-2	48.000	50.000	0.01	<0.5	5	<3	9	2	5	<5	28	8
CM 054R	CMR-2	50.000	52.000	0.01	<0.5	3	<3	10	1	4	<5	24	7
CM 055R	CMR-2	52.000	54.000	<0.01	<0.5	9	<3	30	4	<3	<5	80	30
CM 056R	CMR-2	54.000	56.000	<0.01	<0.5	14	<3	58	4	<3	<5	78	46
CM 059R	CMR-2	56.000	57.000	<0.01	<0.5	3	<3	12	3	<3	<5	32	16
CM 060R	CMR-2	57.000	58.000	<0.01	<0.5	4	<3	12	2	<3	<5	45	18
CM 061R	CMR-2	58.000	59.000	<0.01	<0.5	8	<3	13	3	<3	<5	58	26
CM 062R	CMR-2	59.000	60.000	0.01	<0.5	3	<3	7	2	<3	<5	28	11
CM 063R	CMR-2	60.000	61.000	0.01	<0.5	4	<3	7	<1	<3	<5	26	22
CM 064R	CMR-2	61.000	62.000	<0.01	<0.5	8	<3	10	<1	<3	<5	38	22
CM 065R	CMR-2	62.000	63.000	0.02	<0.5	48	<3	68	1	<3	<5	46	115
CM 066R	CMR-2	63.000	64.000	<0.01	<0.5	6	<3	8	<1	<3	<5	17	11
CM 067R	CMR-2	64.000	65.000	<0.01	<0.5	6	<3	9	<1	<3	<5	28	30
CM 068R	CMR-2	65.000	66.000	<0.01	<0.5	14	<3	12	<1	<3	<5	42	48

NEWCREST MINING LTD
DRILLHOLE SAMPLE LEDGER

Project: EL 1684 Curnamona

SAMPLE No	HOLE No	FROM	TO	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	V-ppm	Zn-ppm
CM 069R	CMR-2	66.000	67.000	0.01	<0.5	8	<3	7	<1	<3	<5	30	28
CM 070R	CMR-2	67.000	68.000	<0.01	<0.5	10	<3	9	<1	<3	<5	32	34
CM 071R	CMR-2	68.000	69.000	<0.01	<0.5	5	<3	7	<1	<3	<5	30	22
CM 072R	CMR-2	69.000	70.000	0.02	<0.5	11	<3	9	<1	<3	<5	44	34
CM 073R	CMR-2	70.000	71.000	0.01	<0.5	6	<3	8	<1	<3	<5	34	18
CM 074R	CMR-2	71.000	72.000	<0.01	<0.5	4	<3	9	<1	<3	<5	32	7
CM 075R	CMR-2	72.000	73.000	<0.01	<0.5	4	<3	6	<1	<3	<5	28	4
CM 076R	CMR-2	73.000	74.000	<0.01	<0.5	4	<3	9	<1	<3	<5	18	3
CM 077R	CMR-2	74.000	75.000	0.01	<0.5	18	<3	10	<1	<3	<5	30	19
CM 078R	CMR-2	75.000	76.000	<0.01	<0.5	24	<3	15	<1	<3	<5	34	74
CM 079R	CMR-2	76.000	77.000	<0.01	<0.5	28	<3	12	<1	<3	<5	34	70
CM 080R	CMR-2	77.000	78.000	<0.01	<0.5	22	<3	13	<1	<3	<5	34	52
CM 081R	CMR-2	78.000	79.000	<0.01	<0.5	32	<3	15	<1	<3	<5	35	92
CM 082R	CMR-2	79.000	80.000	<0.01	<0.5	22	<3	19	<1	<3	<5	38	94
CM 083R	CMR-2	80.000	81.000	<0.01	<0.5	46	<3	16	<1	<3	<5	42	125
CM 084R	CMR-2	81.000	82.000	<0.01	<0.5	50	<3	98	<1	<3	<5	40	105
CM 085R	CMR-2	82.000	83.000	<0.01	<0.5	24	<3	22	<1	<3	<5	34	94
CM 086R	CMR-2	83.000	84.000	<0.01	<0.5	34	<3	18	<1	<3	<5	42	130
CM 087R	CMR-2	84.000	85.000	<0.01	<0.5	34	<3	32	<1	<3	<5	46	94
CM 088R	CMR-2	85.000	86.000	<0.01	<0.5	30	<3	22	<1	<3	<5	44	115
CM 089R	CMR-2	86.000	87.000	<0.01	<0.5	24	<3	17	<1	<3	<5	42	105
CM 090R	CMR-2	87.000	88.000	<0.01	<0.5	26	<3	7	<1	<3	<5	40	110
CM 091R	CMR-2	88.000	89.000	<0.01	<0.5	26	<3	4	<1	<3	<5	36	62
CM 092R	CMR-2	89.000	90.000	<0.01	<0.5	26	<3	9	<1	<3	<5	42	85
CM 093R	CMR-2	90.000	91.000	<0.01	<0.5	24	<3	6	<1	<3	<5	40	74
CM 094R	CMR-2	91.000	92.000	<0.01	<0.5	15	<3	11	<1	<3	<5	38	72
CM 095R	CMR-2	92.000	93.000	<0.01	<0.5	20	<3	19	<1	<3	<5	38	78
CM 096R	CMR-2	93.000	94.000	<0.01	<0.5	17	<3	42	<1	<3	<5	40	100
CM 097R	CMR-2	94.000	95.000	<0.01	<0.5	24	<3	62	<1	<3	<5	42	105
CM 098R	CMR-2	95.000	96.000	<0.01	<0.5	30	<3	270	<1	<3	<5	40	78
CM 099R	CMR-2	96.000	97.000	<0.01	<0.5	22	<3	42	<1	<3	<5	48	76
CM 100R	CMR-2	97.000	98.000	<0.01	<0.5	18	<3	46	<1	<3	<5	42	68
CM 102R	CMR-2	98.000	99.000	0.01	<0.5	9	<3	17	<1	4	<5	44	80
CM 103R	CMR-2	99.000	100.00	0.01	<0.5	6	<3	5	<1	<3	<5	60	130
CM 104R	CMR-2	100.00	101.00	<0.01	<0.5	40	<3	64	<1	6	<5	44	98
CM 105R	CMR-2	101.00	102.00	<0.01	<0.5	42	<3	92	<1	<3	<5	40	66
CM 106R	CMR-2	102.00	103.00	<0.01	<0.5	38	<3	82	<1	3	<5	38	62
CM 107R	CMR-2	103.00	104.00	<0.01	<0.5	28	<3	24	<1	<3	<5	42	115
CM 108R	CMR-2	104.00	105.00	<0.01	<0.5	44	<3	9	<1	<3	<5	36	115
CM 109R	CMR-2	105.00	106.00	0.02	<0.5	32	<3	12	<1	<3	<5	38	94
CM 110R	CMR-2	106.00	107.00	0.01	<0.5	32	<3	12	<1	<3	<5	36	95
CM 111R	CMR-2	107.00	108.00	0.01	<0.5	34	<3	13	<1	<3	<5	40	105
CM 112R	CMR-2	108.00	109.00	0.01	<0.5	28	<3	11	<1	<3	<5	40	105
CM 113R	CMR-2	109.00	110.00	0.01	<0.5	28	<3	11	2	<3	<5	36	115
CM 114R	CMR-2	110.00	111.00	<0.01	<0.5	24	<3	13	1	<3	<5	44	135
CM 115R	CMR-2	111.00	112.00	<0.01	<0.5	92	<3	19	1	<3	<5	54	220
CM 116R	CMR-2	112.00	113.00	0.01	<0.5	36	<3	14	2	5	<5	42	220
CM 117R	CMR-2	113.00	114.00	<0.01	<0.5	35	<3	15	1	<3	<5	36	135
CM 118R	CMR-2	114.00	115.00	<0.01	<0.5	25	<3	5	<1	<3	<5	32	135
CM 119R	CMR-2	115.00	116.00	<0.01	<0.5	30	<3	11	<1	<3	<5	35	150
CM 120R	CMR-2	116.00	117.00	<0.01	<0.5	24	<3	7	<1	<3	<5	30	94
CM 121R	CMR-2	117.00	118.00	<0.01	<0.5	100	<3	7	<1	<3	<5	30	115
CM 122R	CMR-2	118.00	119.00	0.01	<0.5	62	<3	6	<1	<3	<5	25	85
CM 123R	CMR-2	119.00	120.00	<0.01	<0.5	30	<3	6	<1	<3	<5	22	58
CM 124R	CMR-2	120.00	121.00	0.01	<0.5	24	<3	6	<1	<3	<5	24	62
CM 125R	CMR-2	121.00	122.00	<0.01	<0.5	22	<3	4	<1	<3	<5	28	84
CM 126R	CMR-2	122.00	123.00	<0.01	<0.5	17	<3	3	<1	<3	<5	28	80
CM 127R	CMR-2	123.00	124.00	0.01	<0.5	17	<3	2	<1	<3	<5	32	94
CM 128R	CMR-2	124.00	125.00	<0.01	<0.5	17	<3	4	<1	<3	<5	28	55
CM 129R	CMR-2	125.00	126.00	<0.01	<0.5	22	<3	8	<1	<3	<5	34	60
CM 130R	CMR-2	126.00	127.00	0.01	<0.5	14	<3	2	<1	<3	<5	32	65
CM 131R	CMR-2	127.00	128.00	0.01	<0.5	16	<3	4	<1	<3	<5	36	60
CM 132R	CMR-2	128.00	129.00	<0.01	<0.5	20	<3	2	<1	<3	<5	62	80
CM 133R	CMR-2	129.00	130.00	<0.01	<0.5	11	<3	4	<1	<3	<5	28	52
CM 134R	CMR-2	130.00	131.00	<0.01	<0.5	12	<3	3	<1	<3	<5	32	55
CM 135R	CMR-2	131.00	132.00	<0.01	<0.5	18	<3	4	<1	<3	<5	30	58
CM 136R	CMR-2	132.00	133.00	<0.01	<0.5	17	<3	11	<1	<3	<5	30	80
CM 137R	CMR-2	133.00	134.00	<0.01	<0.5	44	<3	17	<1	5	<5	32	65

NEWCREST MINING LTD
DRILLHOLE SAMPLE LEDGER

Project: EL 1684 Curnamona

SAMPLE No	HOLE No	FROM	TO	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	V-ppm	Zn-ppm
CM 138R	CMR-2	134.00	135.00	<0.01	<0.5	14	<3	5	<1	5	<5	28	58
CM 139R	CMR-2	135.00	136.00	0.01	<0.5	15	<3	3	<1	<3	<5	32	145
CM 140R	CMR-2	136.00	137.00	0.02	<0.5	20	<3	<1	<1	<3	<5	38	190
CM 141R	CMR-2	137.00	138.00	0.01	<0.5	18	<3	7	<1	<3	<5	17	185
CM 142R	CMR-2	138.00	139.00	0.01	<0.5	11	<3	8	<1	<3	<5	11	110
CM 143R	CMR-3	18.000	20.000	<0.01	<0.5	16	<3	50	<1	14	<5	28	78
CM 144R	CMR-3	20.000	22.000	<0.01									
CM 145R	CMR-3	22.000	23.000	<0.01	<0.5	14	<3	24	2	9	<5	11	24
CM 146R	CMR-3	23.000	24.000	<0.01									
CM 147R	CMR-3	24.000	25.000	<0.01	<0.5	10	<3	19	2	10	<5	9	19
CM 148R	CMR-3	25.000	26.000	<0.01									
CM 149R	CMR-3	26.000	27.000	<0.01	<0.5	7	<3	20	2	10	<5	10	19
CM 150R	CMR-3	27.000	28.000	<0.01									
CM 151R	CMR-3	28.000	29.000	<0.01	<0.5	7	<3	20	2	10	<5	7	17
CM 152R	CMR-3	29.000	30.000	<0.01									
CM 153R	CMR-3	30.000	31.000	<0.01	<0.5	19	<3	50	2	10	<5	9	35
CM 154R	CMR-3	31.000	32.000	0.02									
CM 155R	CMR-3	32.000	33.000	<0.01	<0.5	20	<3	22	2	9	<5	10	24
CM 156R	CMR-3	33.000	34.000	0.01									
CM 157R	CMR-3	34.000	35.000	0.01	<0.5	13	<3	20	2	8	<5	9	16
CM 158R	CMR-3	35.000	36.000	<0.01									
CM 159R	CMR-3	36.000	37.000	<0.01	<0.5	10	<3	16	2	7	<5	8	36
CM 160R	CMR-3	37.000	38.000	<0.01									
CM 161R	CMR-3	38.000	39.000	<0.01	<0.5	12	<3	8	2	7	<5	8	19
CM 162R	CMR-3	39.000	40.000	<0.01									
CM 163R	CMR-3	40.000	41.000	<0.01	<0.5	22	<3	5	2	8	<5	9	14
CM 164R	CMR-3	41.000	42.000	<0.01									
CM 165R	CMR-3	42.000	43.000	<0.01	<0.5	12	<3	6	2	7	<5	7	19
CM 166R	CMR-3	43.000	44.000	<0.01									
CM 167R	CMR-3	44.000	45.000	<0.01	<0.5	9	<3	7	3	10	<5	10	19
CM 168R	CMR-3	45.000	46.000	0.01									
CM 169R	CMR-3	46.000	47.000	0.02	<0.5	9	<3	5	2	10	<5	9	16
CM 170R	CMR-3	47.000	48.000	<0.01									
CM 171R	CMR-3	48.000	49.000	<0.01	<0.5	19	<3	4	1	8	<5	8	16
CM 172R	CMR-3	49.000	50.000	0.01									
CM 173R	CMR-3	50.000	51.000	<0.01	<0.5	13	<3	5	2	7	<5	7	16
CM 174R	CMR-3	51.000	52.000	<0.01									
CM 175R	CMR-3	52.000	53.000	<0.01	<0.5	10	<3	6	2	7	<5	7	14
CM 176R	CMR-3	53.000	54.000	<0.01									
CM 177R	CMR-3	54.000	55.000	<0.01	<0.5	11	<3	5	2	7	<5	7	15
CM 178R	CMR-3	55.000	56.000	<0.01									
CM 179R	CMR-3	56.000	57.000	<0.01	<0.5	12	<3	4	<1	7	<5	7	13
CM 180R	CMR-3	57.000	58.000	<0.01									
CM 181R	CMR-3	58.000	59.000	<0.01	<0.5	18	<3	4	1	9	<5	8	18
CM 182R	CMR-3	59.000	60.000	0.01									
CM 183R	CMR-3	60.000	61.000	<0.01	<0.5	10	<3	6	2	6	<5	13	24
CM 184R	CMR-3	61.000	62.000	<0.01									
CM 185R	CMR-3	62.000	63.000	<0.01	<0.5	10	<3	5	1	7	<5	7	17
CM 186R	CMR-3	63.000	64.000	<0.01									
CM 187R	CMR-3	64.000	65.000	<0.01	<0.5	11	<3	5	1	6	<5	6	16
CM 188R	CMR-3	65.000	66.000	<0.01									
CM 189R	CMR-3	66.000	67.000	<0.01	<0.5	9	<3	7	2	6	<5	8	19
CM 190R	CMR-3	67.000	68.000	<0.01									
CM 191R	CMR-3	68.000	69.000	0.01	<0.5	9	<3	6	2	7	<5	7	17
CM 192R	CMR-3	69.000	70.000	<0.01									
CM 193R	CMR-3	70.000	71.000	<0.01	<0.5	12	6	8	2	10	<5	7	24
CM 194R	CMR-3	71.000	72.000	<0.01									
CM 195R	CMR-3	72.000	73.000	<0.01	<0.5	10	<3	6	2	6	<5	5	19
CM 196R	CMR-3	73.000	74.000	<0.01									
CM 197R	CMR-3	74.000	75.000	0.01	<0.5	9	<3	6	2	7	<5	6	22
CM 198R	CMR-3	75.000	76.000	<0.01									
CM 199R	CMR-3	76.000	77.000	<0.01	<0.5	9	<3	7	2	9	<5	6	24
CM 200R	CMR-3	77.000	78.000	<0.01									
CM 202R	CMR-3	78.000	79.000	0.01									
CM 203R	CMR-3	79.000	80.000	0.01	<0.5	6	<3	40	4	6	<5	9	35
CM 204R	CMR-3	80.000	81.000	0.02									
CM 205R	CMR-3	81.000	82.000	0.02	<0.5	10	7	34	7	8	<5	8	22
CM 206R	CMR-3	82.000	83.000	0.01									

NEWCREST MINING LTD
DRILLHOLE SAMPLE LEDGER

Project: EL 1684 Curnamona

SAMPLE No	HOLE No	FROM	TO	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	V-ppm	Zn-ppm
CM 207R	CMR-3	83.000	84.000	<0.01	<0.5	28	<3	7	4	7	<5	11	20
CM 208R	CMR-3	84.000	85.000	0.01									
CM 209R	CMR-3	85.000	86.000	<0.01	<0.5	26	<3	9	4	8	<5	10	22
CM 210R	CMR-3	86.000	87.000	<0.01									
CM 211R	CMR-3	87.000	88.000	0.01	<0.5	13	5	6	4	8	<5	8	24
CM 212R	CMR-3	88.000	89.000	<0.01									
CM 213R	CMR-3	89.000	90.000	<0.01	<0.5	24	3	5	6	8	<5	9	22
CM 214R	CMR-3	90.000	91.000	0.01									
CM 215R	CMR-3	91.000	92.000	<0.01	<0.5	10	<3	4	2	8	<5	8	17
CM 216R	CMR-3	92.000	93.000	<0.01									
CM 217R	CMR-3	93.000	94.000	0.01	<0.5	10	<3	5	3	9	<5	9	19
CM 218R	CMR-3	94.000	95.000	<0.01									
CM 219R	CMR-3	95.000	96.000	<0.01	<0.5	7	<3	5	3	6	<5	8	19
CM 220R	CMR-3	96.000	97.000	<0.01									
CM 221R	CMR-3	97.000	98.000	<0.01	<0.5	11	<3	4	3	6	<5	8	17
CM 222R	CMR-3	98.000	99.000	<0.01									
CM 223R	CMR-3	99.000	100.00	<0.01	<0.5	14	<3	3	2	9	<5	7	17
CM 224R	CMR-3	100.00	101.00	<0.01									
CM 225R	CMR-3	101.00	102.00	<0.01	<0.5	14	<3	4	3	9	<5	8	20
CM 226R	CMR-3	102.00	103.00	<0.01									
CM 227R	CMR-3	103.00	104.00	<0.01	<0.5	11	<3	2	<1	14	<5	12	30
CM 228R	CMR-3	104.00	105.00	<0.01									
CM 229R	CMR-3	105.00	106.00	<0.01	<0.5	10	<3	3	3	6	<5	11	28
CM 230R	CMR-3	106.00	107.00	<0.01									
CM 231R	CMR-3	107.00	108.00	0.02	<0.5	8	<3	14	3	6	<5	10	32
CM 232R	CMR-3	108.00	109.00	0.01									
CM 233R	CMR-3	109.00	110.00	0.01	<0.5	12	<3	4	3	5	<5	11	32
CM 234R	CMR-3	110.00	111.00	<0.01									
CM 235R	CMR-3	111.00	112.00	0.02	<0.5	16	<3	5	3	5	<5	10	32
CM 236R	CMR-3	112.00	113.00	0.01									
CM 237R	CMR-3	113.00	114.00	<0.01	<0.5	15	<3	3	3	7	<5	11	32
CM 238R	CMR-3	114.00	115.00	0.02									
CM 239R	CMR-3	115.00	116.00	<0.01	<0.5	34	<3	6	3	9	<5	13	40
CM 240R	CMR-3	116.00	117.00	<0.01									
CM 241R	CMR-3	117.00	118.00	<0.01	<0.5	24	<3	4	3	8	<5	11	40
CM 242R	CMR-3	118.00	119.00	<0.01									
CM 243R	CMR-3	119.00	120.00	<0.01	<0.5	7	<3	5	3	6	<5	9	25
CM 244R	CMR-3	120.00	121.00	<0.01									
CM 245R	CMR-3	121.00	122.00	0.02	<0.5	8	<3	4	3	7	<5	11	28
CM 246R	CMR-3	122.00	123.00	<0.01									
CM 247R	CMR-3	123.00	124.00	<0.01	<0.5	7	<3	5	3	6	<5	9	24
CM 248R	CMR-3	124.00	125.00	0.01									
CM 249R	CMR-3	125.00	126.00	<0.01	<0.5	11	<3	4	3	6	<5	10	30
CM 250R	CMR-4	22.000	24.000	<0.01	<0.5	30	<3	12	1	12	<5	64	52
CM 251R	CMR-4	24.000	26.000	<0.01	<0.5	12	<3	5	2	20	<5	10	6
CM 252R	CMR-4	26.000	28.000	<0.01	<0.5	8	<3	6	<1	16	<5	5	3
CM 253R	CMR-4	28.000	30.000	0.02	<0.5	12	<3	4	2	16	<5	8	4
CM 254R	CMR-4	30.000	32.000	<0.01	<0.5	11	<3	4	1	20	<5	4	2
CM 255R	CMR-4	32.000	34.000	0.02	<0.5	6	<3	3	1	19	<5	4	2
CM 256R	CMR-4	34.000	36.000	<0.01	<0.5	5	<3	5	1	28	<5	5	3
CM 257R	CMR-4	36.000	38.000	<0.01	<0.5	4	<3	5	3	24	<5	6	3
CM 258R	CMR-4	38.000	40.000	<0.01	<0.5	4	<3	5	1	26	<5	4	2
CM 259R	CMR-4	40.000	42.000	<0.01	<0.5	2	<3	4	2	30	<5	5	2
CM 260R	CMR-4	42.000	44.000	<0.01	<0.5	2	<3	5	<1	32	<5	5	4
CM 261R	CMR-4	44.000	46.000	<0.01	<0.5	2	<3	5	2	26	<5	5	2
CM 262R	CMR-4	46.000	48.000	0.02	0.5	2	<3	5	<1	24	<5	3	2
CM 263R	CMR-4	48.000	50.000	<0.01	0.5	2	<3	6	3	19	<5	6	2
CM 264R	CMR-4	50.000	52.000	0.01	<0.5	2	<3	9	3	28	<5	3	3
CM 265R	CMR-4	52.000	54.000	<0.01	<0.5	2	<3	8	5	24	<5	5	1
CM 266R	CMR-4	54.000	56.000	<0.01	<0.5	2	<3	6	2	24	<5	3	1
CM 267R	CMR-4	56.000	58.000	0.02	<0.5	18	<3	8	5	30	<5	5	3
CM 268R	CMR-4	58.000	60.000	0.01	<0.5	10	<3	9	5	30	<5	3	3
CM 269R	CMR-4	60.000	62.000	0.02	<0.5	7	<3	8	8	30	<5	6	2
CM 270R	CMR-4	62.000	64.000	<0.01	<0.5	7	<3	8	6	32	<5	5	4
CM 271R	CMR-4	64.000	66.000	<0.01	<0.5	5	<3	8	10	32	<5	7	4
CM 272R	CMR-4	66.000	68.000	<0.01	<0.5	5	<3	8	7	28	<5	4	3
CM 273R	CMR-4	68.000	70.000	<0.01	<0.5	9	<3	36	7	30	<5	7	6
CM 274R	CMR-4	70.000	72.000	<0.01	0.5	25	<3	68	9	30	<5	7	50

NEWCREST MINING LTD
DRILLHOLE SAMPLE LEDGER

Project: EL 1684 Curnamona

SAMPLE No	HOLE No	FROM	TO	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	V-ppm	Zn-ppm
CM 275R	CMR-4	72.000	74.000	0.02	0.5	24	<3	36	10	26	<5	9	52
CM 276R	CMR-4	74.000	76.000	<0.01	0.5	30	<3	16	9	25	<5	8	92
CM 277R	CMR-4	76.000	78.000	0.02	<0.5	24	<3	24	8	24	<5	9	185
CM 278R	CMR-4	78.000	80.000	<0.01	0.5	40	<3	14	7	18	<5	9	230
CM 279R	CMR-4	80.000	82.000	0.01	0.5	54	<3	10	9	24	<5	12	135
CM 280R	CMR-4	82.000	84.000	0.01	0.5	145	<3	10	9	34	<5	10	120
CM 281R	CMR-4	86.000	87.000	0.01	<0.5	26	<3	10	4	13	<5	3	130
CM 282R	CMR-4	87.000	88.000	<0.01	<0.5	28	5	19	5	14	<5	5	85
CM 283R	CMR-4	88.000	89.000	<0.01	<0.5	15	8	16	4	16	<5	6	82
CM 284R	CMR-4	89.000	90.000	0.02	<0.5	12	<3	12	5	11	<5	6	92
CM 285R	CMR-4	90.000	91.000	0.02	<0.5	28	4	17	6	17	<5	8	70
CM 286R	CMR-4	91.000	92.000	<0.01	<0.5	22	<3	13	5	15	<5	8	75
CM 287R	CMR-4	92.000	93.000	<0.01	<0.5	14	<3	13	3	17	<5	6	56
CM 288R	CMR-4	93.000	94.000	<0.01	<0.5	10	<3	16	6	17	<5	10	42
CM 289R	CMR-4	94.000	95.000	<0.01	<0.5	15	<3	17	8	20	<5	20	98
CM 290R	CMR-4	95.000	96.000	0.02	<0.5	13	<3	16	6	16	<5	13	60
CM 291R	CMR-4	96.000	97.000	0.01	<0.5	15	<3	11	9	13	<5	19	90
CM 292R	CMR-4	97.000	98.000	<0.01	<0.5	13	<3	13	5	13	<5	17	105
CM 293R	CMR-4	98.000	99.000	0.01	<0.5	7	<3	12	11	13	<5	19	85
CM 294R	CMR-4	99.000	100.00	0.02	<0.5	24	<3	30	4	11	<5	15	62
CM 295R	CMR-4	100.00	101.00	<0.01	<0.5	7	<3	12	8	18	<5	18	70
CM 296R	CMR-4	101.00	102.00	0.01	<0.5	6	<3	12	8	22	<5	13	70
CM 297R	CMR-4	102.00	103.00	<0.01	<0.5	6	<3	11	9	22	<5	18	72
CM 298R	CMR-4	103.00	104.00	0.02	<0.5	4	<3	12	5	16	<5	17	60
CM 299R	CMR-4	104.00	105.00	<0.01	<0.5	7	<3	17	10	24	<5	19	68
CM 300R	CMR-4	105.00	106.00	0.01	<0.5	5	<3	13	7	26	<5	15	60
CM 302R	CMR-4	106.00	107.00	0.03	<0.5	5	<3	18	8	30	<5	20	70
CM 303R	CMR-4	107.00	108.00	0.03	<0.5	6	<3	24	2	13	<5	17	50
CM 304R	CMR-4	108.00	109.00	0.01	<0.5	16	<3	30	5	18	<5	25	60
CM 305R	CMR-4	109.00	110.00	0.02	<0.5	9	<3	25	3	13	<5	16	55
CM 306R	CMR-4	110.00	111.00	0.02	<0.5	6	<3	18	8	11	<5	17	52
CM 307R	CMR-4	111.00	112.00	<0.01	<0.5	6	<3	17	2	8	<5	17	42
CM 308R	CMR-4	112.00	113.00	<0.01	<0.5	3	<3	24	4	10	<5	18	35
CM 309R	CMR-4	113.00	114.00	<0.01	<0.5	4	<3	18	2	9	<5	16	35
CM 310R	CMR-4	114.00	115.00	0.01	<0.5	7	3	22	4	9	<5	30	46
CM 311R	CMR-4	115.00	116.00	<0.01	<0.5	52	<3	48	3	14	<5	24	40
CM 312R	CMR-4	116.00	117.00	<0.01	<0.5	8	<3	26	6	13	<5	25	46
CM 313R	CMR-4	117.00	118.00	0.01	<0.5	4	<3	24	2	12	<5	15	50
CM 314R	CMR-4	118.00	119.00	<0.01	<0.5	8	4	26	2	8	<5	30	40
CM 315R	CMR-4	119.00	120.00	<0.01	<0.5	6	<3	24	2	12	<5	22	38
CM 316R	CMR-4	120.00	121.00	0.02	<0.5	4	<3	15	5	18	<5	19	44
CM 317R	CMR-4	121.00	122.00	0.01	<0.5	5	<3	16	6	11	<5	17	46
CM 318R	CMR-4	122.00	123.00	0.01	<0.5	4	<3	16	4	7	<5	19	38
CM 319R	CMR-4	123.00	124.00	0.01	<0.5	13	<3	24	2	9	<5	22	45
CM 320R	CMR-4	124.00	125.00	<0.01	<0.5	5	<3	16	7	15	<5	22	48
CM 321R	CMR-4	125.00	126.00	<0.01	<0.5	5	<3	24	3	11	<5	24	45
CM 322R	CMR-4	126.00	127.00	0.01	<0.5	4	<3	35	5	6	<5	30	42
CM 323R	CMR-4	127.00	128.00	<0.01	<0.5	6	<3	42	2	9	<5	22	36
CM 324R	CMR-4	128.00	129.00	<0.01	<0.5	4	<3	18	7	20	<5	18	40
CM 325R	CMR-4	129.00	130.00	<0.01	<0.5	4	<3	14	4	20	<5	16	40
CM 326R	CMR-5	20.000	22.000	0.02									
CM 327R	CMR-5	22.000	24.000	<0.01	<0.5	9	<3	10	<1	<3	<5	11	9
CM 328R	CMR-5	24.000	26.000	0.02									
CM 329R	CMR-5	26.000	28.000	<0.01	<0.5	42	<3	42	2	<3	<5	32	25
CM 330R	CMR-5	28.000	30.000	<0.01									
CM 331R	CMR-5	30.000	32.000	0.01	<0.5	92	<3	82	2	3	<5	38	40
CM 332R	CMR-5	32.000	33.000	0.01									
CM 333R	CMR-5	33.000	34.000	<0.01	<0.5	22	<3	24	5	4	<5	26	34
CM 334R	CMR-5	34.000	35.000	0.01									
CM 335R	CMR-5	35.000	36.000	<0.01	<0.5	9	<3	19	5	7	<5	22	34
CM 336R	CMR-5	36.000	37.000	<0.01									
CM 337R	CMR-5	37.000	38.000	0.02	<0.5	11	<3	19	4	9	<5	24	38
CM 338R	CMR-5	38.000	39.000	<0.01									
CM 339R	CMR-5	39.000	40.000	0.01	<0.5	10	<3	16	4	5	<5	22	44
CM 340R	CMR-5	40.000	41.000	<0.01									
CM 341R	CMR-5	41.000	42.000	<0.01	<0.5	7	<3	16	4	6	<5	19	42
CM 342R	CMR-5	42.000	43.000	<0.01									
CM 343R	CMR-5	43.000	44.000	0.02	<0.5	7	<3	52	4	5	<5	22	52

NEWCREST MINING LTD
DRILLHOLE SAMPLE LEDGER

Project: EL 1684 Curnamona

SAMPLE No	HOLE No	FROM	TO	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	V-ppm	Zn-ppm
CM 344R	CMR-5	44.000	45.000	0.02									
CM 345R	CMR-5	45.000	46.000	<0.01	<0.5	8	<3	18	6	8	<5	19	44
CM 346R	CMR-5	46.000	47.000	0.02									
CM 347R	CMR-5	47.000	48.000	0.01	<0.5	26	<3	55	4	8	<5	19	40
CM 348R	CMR-5	48.000	49.000	<0.01									
CM 349R	CMR-5	49.000	50.000	<0.01	<0.5	8	<3	22	4	5	<5	22	48
CM 350R	CMR-5	50.000	51.000	<0.01									
CM 351R	CMR-5	51.000	52.000	<0.01	<0.5	7	<3	20	5	6	<5	20	42
CM 352R	CMR-5	52.000	53.000	<0.01									
CM 353R	CMR-5	53.000	54.000	0.01	<0.5	8	<3	18	3	3	<5	24	32
CM 354R	CMR-5	54.000	55.000	<0.01									
CM 355R	CMR-5	55.000	56.000	<0.01	<0.5	10	<3	18	4	6	<5	19	55
CM 356R	CMR-5	56.000	57.000	<0.01									
CM 357R	CMR-5	57.000	58.000	<0.01	<0.5	19	<3	12	4	<3	<5	30	48
CM 358R	CMR-5	58.000	59.000	<0.01									
CM 359R	CMR-5	59.000	60.000	<0.01	<0.5	9	<3	18	6	7	<5	17	50
CM 360R	CMR-5	60.000	61.000	<0.01									
CM 361R	CMR-5	61.000	62.000	<0.01	<0.5	8	<3	100	4	8	<5	22	38
CM 362R	CMR-5	62.000	63.000	0.02									
CM 363R	CMR-5	63.000	64.000	0.01	<0.5	9	<3	24	7	11	<5	20	60
CM 364R	CMR-5	64.000	65.000	<0.01									
CM 365R	CMR-5	65.000	66.000	<0.01	<0.5	8	<3	22	9	14	<5	22	65
CM 366R	CMR-5	66.000	67.000	<0.01									
CM 367R	CMR-5	67.000	68.000	<0.01	<0.5	5	<3	8	9	14	<5	18	56
CM 368R	CMR-5	68.000	69.000	<0.01									
CM 369R	CMR-5	69.000	70.000	0.01	<0.5	24	<3	7	6	15	<5	17	64
CM 370R	CMR-5	70.000	71.000	0.02									
CM 371R	CMR-5	71.000	72.000	<0.01	<0.5	32	<3	14	6	12	<5	16	48
CM 372R	CMR-5	72.000	73.000	<0.01									
CM 373R	CMR-5	73.000	74.000	<0.01	<0.5	10	<3	9	6	8	<5	17	54
CM 374R	CMR-5	74.000	75.000	<0.01									
CM 375R	CMR-5	75.000	76.000	<0.01	<0.5	6	<3	12	5	13	<5	18	50
CM 376R	CMR-5	76.000	77.000	<0.01									
CM 377R	CMR-5	77.000	78.000	<0.01	<0.5	5	<3	9	7	20	<5	19	56
CM 378R	CMR-5	78.000	79.000	0.01									
CM 379R	CMR-5	79.000	80.000	0.01	<0.5	7	<3	11	4	13	<5	17	46
CM 380R	CMR-6	36.000	38.000	<0.01									
CM 381R	CMR-6	38.000	40.000	0.01	<0.5	6	<3	8	2	15	<5	35	16
CM 382R	CMR-6	40.000	42.000	<0.01									
CM 383R	CMR-6	42.000	44.000	<0.01	<0.5	6	<3	9	4	20	<5	22	11
CM 384R	CMR-6	44.000	46.000	0.01									
CM 385R	CMR-6	46.000	48.000	0.01	0.5	3	<3	7	4	38	<5	19	8
CM 386R	CMR-6	48.000	50.000	<0.01									
CM 387R	CMR-6	50.000	52.000	<0.01	0.5	4	<3	6	3	38	<5	16	7
CM 388R	CMR-6	52.000	54.000	0.01									
CM 389R	CMR-6	54.000	56.000	0.01	0.5	3	<3	9	3	34	<5	19	6
CM 390R	CMR-6	56.000	58.000	<0.01									
CM 391R	CMR-6	58.000	60.000	<0.01	0.5	3	<3	9	4	28	<5	24	12
CM 392R	CMR-6	60.000	62.000	<0.01									
CM 393R	CMR-6	62.000	64.000	0.01	0.5	3	<3	8	4	34	<5	26	12
CM 394R	CMR-6	64.000	66.000	0.02									
CM 395R	CMR-6	66.000	68.000	0.02	0.5	2	<3	9	4	48	<5	24	9
CM 396R	CMR-6	68.000	70.000	0.02									
CM 397R	CMR-6	70.000	72.000	0.02	0.5	2	<3	10	4	45	<5	30	12
CM 398R	CMR-6	72.000	74.000	0.02									
CM 399R	CMR-6	74.000	76.000	0.02	0.5	2	<3	11	3	44	<5	25	20
CM 400R	CMR-6	76.000	78.000	0.02									
CM 402R	CMR-6	78.000	80.000	<0.01									
CM 403R	CMR-6	80.000	82.000	0.01	1.0	4	<3	14	<1	82	<5	28	38
CM 404R	CMR-6	82.000	84.000	0.02									
CM 405R	CMR-6	84.000	86.000	0.02	0.5	3	<3	11	<1	32	<5	24	19
CM 406R	CMR-6	86.000	88.000	0.02									
CM 407R	CMR-6	88.000	90.000	<0.01	1.0	3	<3	11	<1	26	<5	22	38
CM 408R	CMR-6	90.000	91.000	0.01									
CM 409R	CMR-6	91.000	92.000	0.01	<0.5	7	<3	16	<1	22	<5	38	48
CM 410R	CMR-6	92.000	93.000	<0.01									
CM 411R	CMR-6	93.000	94.000	0.01	<0.5	13	<3	14	2	18	<5	32	54
CM 412R	CMR-6	94.000	95.000	<0.01									

NEWCREST MINING LTD
DRILLHOLE SAMPLE LEDGER

Project: EL 1684 Curnamona

SAMPLE No	HOLE No	FROM	TO	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	V-ppm	Zn-ppm
CM 413R	CMR-6	95.000	96.000	0.01	<0.5	18	<3	10	3	19	<5	38	115
CM 414R	CMR-6	96.000	97.000	0.02									
CM 415R	CMR-6	97.000	98.000	0.01	<0.5	105	<3	9	4	26	<5	26	68
CM 416R	CMR-6	98.000	99.000	0.02									
CM 417R	CMR-6	99.000	100.00	<0.01	<0.5	32	<3	8	6	25	<5	36	90
CM 418R	CMR-6	100.00	101.00	<0.01									
CM 419R	CMR-6	101.00	102.00	0.02	<0.5	36	<3	9	7	24	<5	34	82
CM 420R	CMR-6	102.00	103.00	<0.01									
CM 421R	CMR-6	103.00	104.00	<0.01	<0.5	34	<3	9	6	22	<5	34	74
CM 422R	CMR-6	104.00	105.00	<0.01									
CM 423R	CMR-6	105.00	106.00	0.01	<0.5	30	<3	9	6	22	<5	40	70
CM 424R	CMR-6	106.00	107.00	0.01									
CM 425R	CMR-6	107.00	108.00	0.01	<0.5	32	<3	11	6	19	<5	35	60
CM 426R	CMR-6	108.00	109.00	0.02									
CM 427R	CMR-6	109.00	110.00	<0.01	<0.5	30	<3	9	6	22	<5	34	70
CM 428R	CMR-6	110.00	111.00	<0.01									
CM 429R	CMR-6	111.00	112.00	<0.01	<0.5	25	<3	9	6	22	<5	34	70
CM 430R	CMR-6	112.00	113.00	0.02									
CM 431R	CMR-6	113.00	114.00	0.02	<0.5	25	<3	10	7	28	<5	34	88
CM 432R	CMR-6	114.00	115.00	0.02									
CM 433R	CMR-6	115.00	116.00	0.02	<0.5	90	<3	18	9	14	<5	18	46
CM 434R	CMR-6	116.00	117.00	<0.01									
CM 435R	CMR-6	117.00	118.00	0.01	<0.5	28	<3	16	7	20	<5	34	105
CM 436R	CMR-6	118.00	119.00	<0.01									
CM 437R	CMR-6	119.00	120.00	0.01	<0.5	28	<3	11	6	24	<5	36	105
CM 438R	CMR-6	120.00	121.00	0.01									
CM 439R	CMR-6	121.00	122.00	<0.01	<0.5	19	<3	8	6	22	<5	35	82
CM 440R	CMR-6	122.00	123.00	<0.01									
CM 441R	CMR-6	123.00	124.00	<0.01	<0.5	28	<3	7	5	26	<5	32	96
CM 442R	CMR-6	124.00	125.00	<0.01									

CLASSIC LABORATORIES LTD
Incorporated in WA; a wholly owned subsidiary of Amdel Ltd
Osman Place, Thebarton, South Australia 5031
Telephone: (08) 43 5722 Facsimile: (08) 234 0321

Please note our new Phone Number is (08) 416 5300

Mr Grant McEwen
Newcrest Mining Limited
PO Box 1367
MILTON
QLD 4064

FINAL ANALYSIS REPORT

Your Order No: B 5060 Our Job Number : 1AD3944

Samples received : 19-DEC-1991 Results reported : 16-JAN-1992
No. of samples : 788
Report comprises a cover sheet and pages 1 to 35

This report relates specifically to the samples tested in so far as that the samples as supplied are truly representative of the sample source.

Note:
If you have any enquiries please contact Miss Anne Reed quoting the above job number.

Approved Signatory:

John Waters
Laboratory Manager - Adelaide

MM Mr G McEwen QLD

Report Codes:
N.A. - Not Analysed.
L.N.R. - Listed But Not Received.
I.S. - Insuffcient Sample.

Distribution Codes:
CC - Carbon Copy
EM - Electronic Media
MM - Magnetic Media

"RELIABLE ANALYSES AT COMPETITIVE COST"

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rpl	Au SS1
CM 001R	0.01	0.02	--	<0.01
CM 002R	0.02	0.02	--	--
CM 003R	0.02	0.02	--	--
CM 004R	0.02	0.02	--	--
CM 005R	0.02	0.02	--	--
CM 006R	0.01	0.01	--	--
CM 007R	0.03	0.03	--	--
CM 008R	0.01	0.01	--	--
CM 009R	0.01	0.01	--	--
CM 010R	0.01	0.01	--	--
CM 011R	0.01	0.01	--	--
CM 012R	0.01	0.01	--	--
CM 013R	0.01	0.01	--	--
CM 014R	0.01	0.01	--	--
CM 015R	0.02	0.02	--	--
CM 016R	0.01	0.01	--	--
CM 017R	0.01	0.01	--	--
CM 018R	0.01	0.01	--	--
CM 019R	<0.01	<0.01	--	--
CM 020R	<0.01	<0.01	--	--
CM 021R	0.01	0.02	--	<0.01
CM 022R	0.02	0.02	--	--
CM 023R	0.02	0.02	--	--
CM 024R	0.02	0.02	--	--
CM 025R	<0.01	<0.01	--	--
CM 026R	0.01	0.01	--	--
CM 027R	0.01	0.01	--	--
CM 028R	<0.01	<0.01	--	--
CM 029R	<0.01	<0.01	--	--
CM 030R	0.01	0.01	--	--
CM 031R	0.01	0.01	--	--
CM 032R	0.01	0.01	--	--
CM 033R	0.01	0.01	--	--
CM 034R	<0.01	<0.01	--	--
CM 035R	0.01	0.01	--	--
CM 036R	0.02	0.02	--	--
CM 037R	<0.01	<0.01	--	--
CM 038R	<0.01	<0.01	--	--
CM 039R	0.01	0.01	--	--
CM 040R	0.02	0.02	--	--
CM 041R	<0.01	<0.01	--	<0.01
CM 042R	0.01	0.01	--	--
CM 043R	<0.01	<0.01	--	--
CM 044R	0.01	0.01	--	--
CM 045R	0.01	0.01	--	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rp1	Au SS1
CM 046R	<0.01	<0.01	--	--
CM 047R	<0.01	<0.01	--	--
CM 048R	<0.01	<0.01	--	--
CM 049R	0.01	0.01	--	--
CM 050R	<0.01	<0.01	--	--
CM 051R	<0.01	<0.01	--	--
CM 052R	<0.01	<0.01	--	--
CM 053R	0.01	0.01	--	--
CM 054R	0.01	0.01	--	--
CM 055R	<0.01	<0.01	--	--
CM 056R	<0.01	<0.01	--	--
CM 057R	0.02	0.02	--	--
CM 058R	<0.01	<0.01	--	--
CM 059R	<0.01	<0.01	--	--
CM 060R	<0.01	<0.01	--	--
CM 061R	<0.01	<0.01	--	<0.01
CM 062R	0.01	0.01	--	--
CM 063R	0.01	0.01	--	--
CM 064R	<0.01	<0.01	--	--
CM 065R	0.02	0.02	--	--
CM 066R	<0.01	<0.01	--	--
CM 067R	<0.01	<0.01	--	--
CM 068R	<0.01	<0.01	--	--
CM 069R	0.01	0.01	--	--
CM 070R	<0.01	<0.01	--	--
CM 071R	<0.01	<0.01	--	--
CM 072R	0.02	0.02	--	--
CM 073R	0.01	0.01	--	--
CM 074R	<0.01	<0.01	--	--
CM 075R	<0.01	<0.01	--	--
CM 076R	<0.01	<0.01	--	--
CM 077R	0.01	0.01	--	--
CM 078R	<0.01	<0.01	--	--
CM 079R	<0.01	<0.01	--	--
CM 080R	<0.01	<0.01	--	--
CM 081R	<0.01	<0.01	--	<0.01
CM 082R	<0.01	<0.01	--	--
CM 083R	<0.01	<0.01	--	--
CM 084R	<0.01	<0.01	--	--
CM 085R	<0.01	<0.01	--	--
CM 086R	<0.01	<0.01	--	--
CM 087R	<0.01	<0.01	--	--
CM 088R	<0.01	<0.01	--	--
CM 089R	<0.01	<0.01	--	--
CM 090R	<0.01	<0.01	--	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

CLASSIC LABORATORIES.

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rpl	Au SS1
CM 091R	<0.01	<0.01	--	--
CM 092R	<0.01	<0.01	--	--
CM 093R	<0.01	<0.01	--	--
CM 094R	<0.01	<0.01	--	--
CM 095R	<0.01	<0.01	--	--
CM 096R	<0.01	<0.01	--	--
CM 097R	<0.01	<0.01	--	--
CM 098R	<0.01	<0.01	--	--
CM 099R	<0.01	<0.01	--	--
CM 100R	<0.01	<0.01	--	--
CM 101R	0.24	0.24	0.24	--
CM 102R	0.01	0.01	--	--
CM 103R	0.01	0.01	--	--
CM 104R	<0.01	<0.01	--	--
CM 105R	<0.01	<0.01	--	--
CM 106R	<0.01	<0.01	--	--
CM 107R	<0.01	<0.01	--	--
CM 108R	<0.01	<0.01	--	--
CM 109R	0.02	0.02	--	--
CM 110R	0.01	0.01	--	--
CM 111R	0.01	0.01	--	--
CM 112R	0.01	0.01	--	--
CM 113R	0.01	0.01	--	--
CM 114R	<0.01	<0.01	--	--
CM 115R	<0.01	<0.01	--	--
CM 116R	0.01	0.01	--	--
CM 117R	<0.01	<0.01	--	--
CM 118R	<0.01	<0.01	--	--
CM 119R	<0.01	<0.01	--	--
CM 120R	<0.01	<0.01	--	--
CM 121R	<0.01	0.01	--	<0.01
CM 122R	0.01	0.01	--	--
CM 123R	<0.01	<0.01	--	--
CM 124R	0.01	0.01	--	--
CM 125R	<0.01	<0.01	--	--
CM 126R	<0.01	<0.01	--	--
CM 127R	0.01	0.01	--	--
CM 128R	<0.01	<0.01	--	--
CM 129R	<0.01	<0.01	--	--
CM 130R	0.01	0.01	--	--
CM 131R	0.01	0.01	--	--
CM 132R	<0.01	<0.01	--	--
CM 133R	<0.01	<0.01	--	--
CM 134R	<0.01	<0.01	--	--
CM 135R	<0.01	<0.01	--	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rp1	Au SS1
CM 136R	<0.01	<0.01	--	--
CM 137R	<0.01	<0.01	--	--
CM 138R	<0.01	<0.01	--	--
CM 139R	0.01	0.01	--	--
CM 140R	0.02	0.02	--	--
CM 141R	0.01	0.02	--	<0.01
CM 142R	0.01	0.01	--	--
CM 143R	<0.01	<0.01	--	--
CM 144R	<0.01	<0.01	--	--
CM 145R	<0.01	<0.01	--	--
CM 146R	<0.01	<0.01	--	--
CM 147R	<0.01	<0.01	--	--
CM 148R	<0.01	<0.01	--	--
CM 149R	<0.01	<0.01	--	--
CM 150R	<0.01	<0.01	--	--
CM 151R	<0.01	<0.01	--	--
CM 152R	<0.01	<0.01	--	--
CM 153R	<0.01	<0.01	--	--
CM 154R	0.02	0.02	--	--
CM 155R	<0.01	<0.01	--	--
CM 156R	0.01	0.01	--	--
CM 157R	0.01	0.01	--	--
CM 158R	<0.01	<0.01	--	--
CM 159R	<0.01	<0.01	--	--
CM 160R	<0.01	<0.01	--	--
CM 161R	<0.01	<0.01	--	<0.01
CM 162R	<0.01	<0.01	--	--
CM 163R	<0.01	<0.01	--	--
CM 164R	<0.01	<0.01	--	--
CM 165R	<0.01	<0.01	--	--
CM 166R	<0.01	<0.01	--	--
CM 167R	<0.01	<0.01	--	--
CM 168R	0.01	0.01	--	--
CM 169R	0.02	0.02	--	--
CM 170R	<0.01	<0.01	--	--
CM 171R	<0.01	<0.01	--	--
CM 172R	0.01	0.01	--	--
CM 173R	<0.01	<0.01	--	--
CM 174R	<0.01	<0.01	--	--
CM 175R	<0.01	<0.01	--	--
CM 176R	<0.01	<0.01	--	--
CM 177R	<0.01	<0.01	--	--
CM 178R	<0.01	<0.01	--	--
CM 179R	<0.01	<0.01	--	--
CM 180R	<0.01	<0.01	--	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rp1	Au SS1
CM 181R	<0.01	<0.01	--	<0.01
CM 182R	0.01	0.01	--	--
CM 183R	<0.01	<0.01	--	--
CM 184R	<0.01	<0.01	--	--
CM 185R	<0.01	<0.01	--	--
CM 186R	<0.01	<0.01	--	--
CM 187R	<0.01	<0.01	--	--
CM 188R	<0.01	<0.01	--	--
CM 189R	<0.01	<0.01	--	--
CM 190R	<0.01	<0.01	--	--
CM 191R	0.01	0.01	--	--
CM 192R	<0.01	<0.01	--	--
CM 193R	<0.01	<0.01	--	--
CM 194R	<0.01	<0.01	--	--
CM 195R	<0.01	<0.01	--	--
CM 196R	<0.01	<0.01	--	--
CM 197R	0.01	0.01	--	--
CM 198R	<0.01	<0.01	--	--
CM 199R	<0.01	<0.01	--	--
CM 200R	<0.01	<0.01	--	--
CM 201R	0.90	0.90	--	--
CM 202R	0.01	0.01	--	--
CM 203R	0.01	0.01	--	--
CM 204R	0.02	0.02	--	--
CM 205R	0.02	0.02	--	--
CM 206R	0.01	0.01	--	--
CM 207R	<0.01	<0.01	--	--
CM 208R	0.01	0.01	--	--
CM 209R	<0.01	<0.01	--	--
CM 210R	<0.01	<0.01	--	--
CM 211R	0.01	0.01	--	--
CM 212R	<0.01	<0.01	--	--
CM 213R	<0.01	<0.01	--	--
CM 214R	0.01	0.01	--	--
CM 215R	<0.01	<0.01	--	--
CM 216R	<0.01	<0.01	--	--
CM 217R	0.01	0.01	--	--
CM 218R	<0.01	<0.01	--	--
CM 219R	<0.01	<0.01	--	--
CM 220R	<0.01	<0.01	--	--
CM 221R	<0.01	<0.01	--	<0.01
CM 222R	<0.01	<0.01	--	--
CM 223R	<0.01	<0.01	--	--
CM 224R	<0.01	<0.01	--	--
CM 225R	<0.01	<0.01	--	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rp1	Au SS1
CM 226R	<0.01	<0.01	--	--
CM 227R	<0.01	<0.01	--	--
CM 228R	<0.01	<0.01	--	--
CM 229R	<0.01	<0.01	--	--
CM 230R	<0.01	<0.01	--	--
CM 231R	0.02	0.02	--	--
CM 232R	0.01	0.01	--	--
CM 233R	0.01	0.01	--	--
CM 234R	<0.01	<0.01	--	--
CM 235R	0.02	0.02	--	--
CM 236R	0.01	0.01	--	--
CM 237R	<0.01	<0.01	--	--
CM 238R	0.02	0.02	--	--
CM 239R	<0.01	<0.01	--	--
CM 240R	<0.01	<0.01	--	--
CM 241R	<0.01	<0.01	--	<0.01
CM 242R	<0.01	<0.01	--	--
CM 243R	<0.01	<0.01	--	--
CM 244R	<0.01	<0.01	--	--
CM 245R	0.02	0.02	--	--
CM 246R	<0.01	<0.01	--	--
CM 247R	<0.01	<0.01	--	--
CM 248R	0.01	0.01	--	--
CM 249R	<0.01	<0.01	--	--
CM 250R	<0.01	<0.01	--	--
CM 251R	<0.01	<0.01	--	--
CM 252R	<0.01	<0.01	--	--
CM 253R	0.02	0.02	--	--
CM 254R	<0.01	<0.01	--	--
CM 255R	0.02	0.02	--	--
CM 256R	<0.01	<0.01	--	--
CM 257R	<0.01	<0.01	--	--
CM 258R	<0.01	<0.01	--	--
CM 259R	<0.01	<0.01	--	--
CM 260R	<0.01	<0.01	--	--
CM 261R	<0.01	<0.01	--	<0.01
CM 262R	0.02	0.02	--	--
CM 263R	<0.01	<0.01	--	--
CM 264R	0.01	0.01	--	--
CM 265R	<0.01	<0.01	--	--
CM 266R	<0.01	<0.01	--	--
CM 267R	0.02	0.02	--	--
CM 268R	0.01	0.01	--	--
CM 269R	0.02	0.02	--	--
CM 270R	<0.01	<0.01	--	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rpl	Au SS1
CM 271R	<0.01	<0.01	--	--
CM 272R	<0.01	<0.01	--	--
CM 273R	<0.01	<0.01	--	--
CM 274R	<0.01	<0.01	--	--
CM 275R	0.02	0.02	--	--
CM 276R	<0.01	<0.01	--	--
CM 277R	0.02	0.02	--	--
CM 278R	<0.01	<0.01	--	--
CM 279R	0.01	0.01	--	--
CM 280R	0.01	0.01	--	--
CM 281R	0.01	0.02	--	<0.01
CM 282R	<0.01	<0.01	--	--
CM 283R	<0.01	<0.01	--	--
CM 284R	0.02	0.02	--	--
CM 285R	0.02	0.02	--	--
CM 286R	<0.01	<0.01	--	--
CM 287R	<0.01	<0.01	--	--
CM 288R	<0.01	<0.01	--	--
CM 289R	<0.01	<0.01	--	--
CM 290R	0.02	0.02	--	--
CM 291R	0.01	0.01	--	--
CM 292R	<0.01	<0.01	--	--
CM 293R	0.01	0.01	--	--
CM 294R	0.02	0.02	--	--
CM 295R	<0.01	<0.01	--	--
CM 296R	0.01	0.01	--	--
CM 297R	<0.01	<0.01	--	--
CM 298R	0.02	0.02	--	--
CM 299R	<0.01	<0.01	--	--
CM 300R	0.01	0.01	--	--
CM 301R	2.06	2.05	2.06	--
CM 302R	0.03	0.03	--	--
CM 303R	0.03	0.03	--	--
CM 304R	0.01	0.01	--	--
CM 305R	0.02	0.02	--	--
CM 306R	0.02	0.02	--	--
CM 307R	<0.01	<0.01	--	--
CM 308R	<0.01	<0.01	--	--
CM 309R	<0.01	<0.01	--	--
CM 310R	0.01	0.01	--	--
CM 311R	<0.01	<0.01	--	--
CM 312R	<0.01	<0.01	--	--
CM 313R	0.01	0.01	--	--
CM 314R	<0.01	<0.01	--	--
CM 315R	<0.01	<0.01	--	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rp1	Au SS1
CM 316R	0.02	0.02	--	--
CM 317R	0.01	0.01	--	--
CM 318R	0.01	0.01	--	--
CM 319R	0.01	0.01	--	--
CM 320R	<0.01	<0.01	--	--
CM 321R	<0.01	<0.01	--	<0.01
CM 322R	0.01	0.01	--	--
CM 323R	<0.01	<0.01	--	--
CM 324R	<0.01	<0.01	--	--
CM 325R	<0.01	<0.01	--	--
CM 326R	0.02	0.02	--	--
CM 327R	<0.01	<0.01	--	--
CM 328R	0.02	0.02	--	--
CM 329R	<0.01	<0.01	--	--
CM 330R	<0.01	<0.01	--	--
CM 331R	0.01	0.01	--	--
CM 332R	0.01	0.01	--	--
CM 333R	<0.01	<0.01	--	--
CM 334R	0.01	0.01	--	--
CM 335R	<0.01	<0.01	--	--
CM 336R	<0.01	<0.01	--	--
CM 337R	0.02	0.02	--	--
CM 338R	<0.01	<0.01	--	--
CM 339R	0.01	0.01	--	--
CM 340R	<0.01	<0.01	--	--
CM 341R	<0.01	<0.01	--	<0.01
CM 342R	<0.01	<0.01	--	--
CM 343R	0.02	0.02	--	--
CM 344R	0.02	0.02	--	--
CM 345R	<0.01	<0.01	--	--
CM 346R	0.02	0.02	--	--
CM 347R	0.01	0.01	--	--
CM 348R	<0.01	<0.01	--	--
CM 349R	<0.01	<0.01	--	--
CM 350R	<0.01	<0.01	--	--
CM 351R	<0.01	<0.01	--	--
CM 352R	<0.01	<0.01	--	--
CM 353R	0.01	0.01	--	--
CM 354R	<0.01	<0.01	--	--
CM 355R	<0.01	<0.01	--	--
CM 356R	<0.01	<0.01	--	--
CM 357R	<0.01	<0.01	--	--
CM 358R	<0.01	<0.01	--	--
CM 359R	<0.01	<0.01	--	--
CM 360R	<0.01	<0.01	--	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rp1	Au SS1
CM 361R	<0.01	<0.01	--	<0.01
CM 362R	0.02	0.02	--	--
CM 363R	0.01	0.01	--	--
CM 364R	<0.01	<0.01	--	--
CM 365R	<0.01	<0.01	--	--
CM 366R	<0.01	<0.01	--	--
CM 367R	<0.01	<0.01	--	--
CM 368R	<0.01	<0.01	--	--
CM 369R	0.01	0.01	--	--
CM 370R	0.02	0.02	--	--
CM 371R	<0.01	<0.01	--	--
CM 372R	<0.01	<0.01	--	--
CM 373R	<0.01	<0.01	--	--
CM 374R	<0.01	<0.01	--	--
CM 375R	<0.01	<0.01	--	--
CM 376R	<0.01	<0.01	--	--
CM 377R	<0.01	<0.01	--	--
CM 378R	0.01	0.01	--	--
CM 379R	0.01	0.01	--	--
CM 380R	<0.01	<0.01	--	--
CM 381R	0.01	0.03	--	<0.01
CM 382R	<0.01	<0.01	--	--
CM 383R	<0.01	<0.01	--	--
CM 384R	0.01	0.01	--	--
CM 385R	0.01	0.01	--	--
CM 386R	<0.01	<0.01	--	--
CM 387R	<0.01	<0.01	--	--
CM 388R	0.01	0.01	--	--
CM 389R	0.01	0.01	--	--
CM 390R	<0.01	<0.01	--	--
CM 391R	<0.01	<0.01	--	--
CM 392R	<0.01	<0.01	--	--
CM 393R	0.01	0.01	--	--
CM 394R	0.02	0.02	--	--
CM 395R	0.02	0.02	--	--
CM 396R	0.02	0.02	--	--
CM 397R	0.02	0.02	--	--
CM 398R	0.02	0.02	--	--
CM 399R	0.02	0.02	--	--
CM 400R	0.02	0.02	--	--
CM 401R	2.02	1.98	2.06	--
CM 402R	<0.01	<0.01	--	--
CM 403R	0.01	0.01	--	--
CM 404R	0.02	0.02	--	--
CM 405R	0.02	0.02	--	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Au Avg	Au	Au Rpl	Au SS1
CM 406R	0.02	0.02	--	--
CM 407R	<0.01	<0.01	--	--
CM 408R	0.01	0.01	--	--
CM 409R	0.01	0.01	--	--
CM 410R	<0.01	<0.01	--	--
CM 411R	0.01	0.01	--	--
CM 412R	<0.01	<0.01	--	--
CM 413R	0.01	0.01	--	--
CM 414R	0.02	0.02	--	--
CM 415R	0.01	0.01	--	--
CM 416R	0.02	0.02	--	--
CM 417R	<0.01	<0.01	--	--
CM 418R	<0.01	<0.01	--	--
CM 419R	0.02	0.02	--	--
CM 420R	<0.01	<0.01	--	--
CM 421R	<0.01	0.01	--	<0.01
CM 422R	<0.01	<0.01	--	--
CM 423R	0.01	0.01	--	--
CM 424R	0.01	0.01	--	--
CM 425R	0.01	0.01	--	--
CM 426R	0.02	0.02	--	--
CM 427R	<0.01	<0.01	--	--
CM 428R	<0.01	<0.01	--	--
CM 429R	<0.01	<0.01	--	--
CM 430R	0.02	0.02	--	--
CM 431R	0.02	0.02	--	--
CM 432R	0.02	0.02	--	--
CM 433R	0.02	0.02	--	--
CM 434R	<0.01	<0.01	--	--
CM 435R	0.01	0.01	--	--
CM 436R	<0.01	<0.01	--	--
CM 437R	0.01	0.01	--	--
CM 438R	0.01	0.01	--	--
CM 439R	<0.01	<0.01	--	--
CM 440R	<0.01	<0.01	--	--
CM 441R	<0.01	<0.01	--	<0.01
CM 442R	<0.01	<0.01	--	--
CM 443R	1.05	1.05	1.04	--
CM 444R	2.24	2.40	2.08	--
CM 445R	0.28	0.32	0.25	--
CM 446R	2.32	2.46	2.18	--
Units	ppm	ppm	ppm	ppm
DL	0.01	0.01	0.01	0.01
Scheme	FA1	FA1	FA1	FA1

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Ag	As	Bi	Cd	Co	Cr	Cu
CM 001R	<0.5	18	<3	<1	<2	10	25
CM 002R	<0.5	25	<3	<1	<2	6	20
CM 003R	0.5	30	<3	<1	<2	9	25
CM 004R	8.5	260	5	<1	7	34	210
CM 005R	17.5	220	14	<1	7	22	140
CM 006R	2.0	120	11	<1	3	16	85
CM 007R	3.5	40	4	<1	2	9	38
CM 008R	13.0	18	<3	<1	<2	8	30
CM 009R	1.0	94	6	<1	6	26	80
CM 010R	4.0	96	6	<1	5	20	82
CM 011R	17.5	22	12	<1	<2	13	50
CM 012R	12.5	50	72	<1	3	13	100
CM 013R	1.5	95	100	<1	3	15	85
CM 014R	16.5	72	140	<1	2	20	110
CM 015R	8.0	84	165	<1	3	15	155
CM 016R	8.5	120	17	<1	4	6	145
CM 017R	1.0	10	<3	<1	2	18	720
CM 018R	1.0	7	<3	<1	3	15	1280
CM 019R	<0.5	12	<3	3	4	24	160
CM 020R	<0.5	12	<3	1	7	18	96
CM 021R	<0.5	34	9	2	7	25	42
CM 022R	<0.5	8	<3	<1	3	30	64
CM 023R	<0.5	20	<3	2	4	38	52
CM 024R	<0.5	10	<3	<1	3	28	38
CM 025R	<0.5	16	<3	<1	3	42	20
CM 026R	<0.5	7	<3	<1	2	24	13
CM 027R	<0.5	6	<3	<1	<2	18	32
CM 028R	<0.5	13	4	<1	<2	18	30
CM 029R	1.0	42	20	<1	6	30	105
CM 030R	0.5	24	8	<1	5	15	46
CM 031R	2.0	90	14	1	12	30	130
CM 032R	3.5	190	11	2	30	16	100
CM 033R	1.0	84	<3	<1	16	46	72
CM 034R	3.0	145	8	1	38	34	320
CM 035R	<0.5	15	<3	<1	3	30	55
CM 036R	1.0	24	38	<1	4	40	155
CM 037R	1.5	35	22	<1	4	50	210
CM 038R	0.5	16	7	<1	2	38	42
CM 039R	<0.5	16	7	<1	3	48	12
CM 040R	<0.5	24	11	<1	3	40	56
CM 041R	<0.5	13	4	<1	3	48	11
CM 042R	<0.5	54	12	<1	5	44	25
CM 043R	1.0	195	44	<1	8	66	175
CM 044R	<0.5	16	17	<1	4	115	34
CM 045R	1.5	60	9	1	5	44	150
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.5	1	3	1	2	2	1
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

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Sample	Ag	As	Bi	Cd	Co	Cr	Cu
CM 046R	0.5	19	7	<1	4	35	54
CM 047R	0.5	28	9	<1	7	40	65
CM 048R	1.5	45	12	<1	11	18	105
CM 049R	1.0	86	10	<1	16	26	175
CM 050R	2.0	40	9	<1	6	34	155
CM 051R	4.0	78	15	<1	7	54	290
CM 052R	1.0	34	3	<1	7	30	44
CM 053R	<0.5	5	<3	<1	<2	38	9
CM 054R	<0.5	3	<3	<1	<2	28	10
CM 055R	<0.5	9	<3	<1	5	74	30
CM 056R	<0.5	14	<3	<1	5	72	58
CM 057R	<0.5	2	<3	<1	5	34	11
CM 058R	<0.5	10	<3	<1	6	22	32
CM 059R	<0.5	3	<3	<1	7	65	12
CM 060R	<0.5	4	<3	<1	4	62	12
CM 061R	<0.5	8	<3	<1	5	64	13
CM 062R	<0.5	3	<3	<1	3	48	7
CM 063R	<0.5	4	<3	<1	3	42	7
CM 064R	<0.5	8	<3	<1	4	48	10
CM 065R	<0.5	48	<3	<1	22	50	68
CM 066R	<0.5	6	<3	<1	3	28	8
CM 067R	<0.5	6	<3	<1	5	48	9
CM 068R	<0.5	14	<3	<1	8	48	12
CM 069R	<0.5	8	<3	<1	6	35	7
CM 070R	<0.5	10	<3	<1	8	38	9
CM 071R	<0.5	5	<3	<1	5	28	7
CM 072R	<0.5	11	<3	<1	7	38	9
CM 073R	<0.5	6	<3	<1	5	38	8
CM 074R	<0.5	4	<3	<1	4	40	9
CM 075R	<0.5	4	<3	<1	3	40	6
CM 076R	<0.5	4	<3	<1	3	42	9
CM 077R	<0.5	18	<3	<1	6	36	10
CM 078R	<0.5	24	<3	<1	15	35	15
CM 079R	<0.5	28	<3	<1	16	34	12
CM 080R	<0.5	22	<3	<1	14	44	13
CM 081R	<0.5	32	<3	<1	22	38	15
CM 082R	<0.5	22	<3	<1	19	38	19
CM 083R	<0.5	46	<3	<1	30	34	16
CM 084R	<0.5	50	<3	<1	34	34	98
CM 085R	<0.5	24	<3	<1	19	30	22
CM 086R	<0.5	34	<3	<1	24	32	18
CM 087R	<0.5	34	<3	<1	14	34	32
CM 088R	<0.5	30	<3	<1	18	38	22
CM 089R	<0.5	24	<3	<1	14	38	17
CM 090R	<0.5	26	<3	<1	15	34	7
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.5	1	3	1	2	2	1
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

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Sample	Ag	As	Bi	Cd	Co	Cr	Cu
CM 091R	<0.5	26	<3	<1	11	44	4
CM 092R	<0.5	26	<3	<1	12	52	9
CM 093R	<0.5	24	<3	<1	11	42	6
CM 094R	<0.5	15	<3	<1	12	54	11
CM 095R	<0.5	20	<3	<1	11	52	19
CM 096R	<0.5	17	<3	<1	13	58	42
CM 097R	<0.5	24	<3	<1	13	36	62
CM 098R	<0.5	30	<3	<1	12	50	270
CM 099R	<0.5	22	<3	<1	11	46	42
CM 100R	<0.5	18	<3	<1	9	54	46
CM 101R	2.0	34	<3	1	25	19	80
CM 102R	<0.5	9	<3	1	12	48	17
CM 103R	<0.5	6	<3	1	16	66	5
CM 104R	<0.5	40	<3	3	19	50	64
CM 105R	<0.5	42	<3	<1	28	54	92
CM 106R	<0.5	38	<3	<1	22	40	82
CM 107R	<0.5	28	<3	<1	28	60	24
CM 108R	<0.5	44	<3	<1	42	34	9
CM 109R	<0.5	32	<3	<1	22	44	12
CM 110R	<0.5	32	<3	<1	26	35	12
CM 111R	<0.5	34	<3	<1	28	50	13
CM 112R	<0.5	28	<3	<1	18	54	11
CM 113R	<0.5	28	<3	<1	16	55	11
CM 114R	<0.5	24	<3	<1	17	46	13
CM 115R	<0.5	92	<3	<1	72	44	19
CM 116R	<0.5	36	<3	<1	28	50	14
CM 117R	<0.5	35	<3	<1	20	60	15
CM 118R	<0.5	25	<3	<1	19	46	5
CM 119R	<0.5	30	<3	<1	17	76	11
CM 120R	<0.5	24	<3	<1	13	68	7
CM 121R	<0.5	100	<3	<1	94	50	7
CM 122R	<0.5	62	<3	<1	55	52	6
CM 123R	<0.5	30	<3	<1	22	40	6
CM 124R	<0.5	24	<3	<1	18	52	6
CM 125R	<0.5	22	<3	<1	14	48	4
CM 126R	<0.5	17	<3	<1	8	44	3
CM 127R	<0.5	17	<3	<1	7	50	2
CM 128R	<0.5	17	<3	<1	7	44	4
CM 129R	<0.5	22	<3	<1	7	50	8
CM 130R	<0.5	14	<3	<1	8	44	2
CM 131R	<0.5	16	<3	<1	9	62	4
CM 132R	<0.5	20	<3	<1	9	64	2
CM 133R	<0.5	11	<3	<1	7	54	4
CM 134R	<0.5	12	<3	<1	7	40	3
CM 135R	<0.5	18	<3	<1	15	44	4
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.5	1	3	1	2	2	1
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

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Sample	Ag	As	Bi	Cd	Co	Cr	Cu
CM 136R	<0.5	17	<3	<1	12	40	11
CM 137R	<0.5	44	<3	<1	44	60	17
CM 138R	<0.5	14	<3	<1	12	40	5
CM 139R	<0.5	15	<3	<1	12	40	3
CM 140R	<0.5	20	<3	<1	15	40	<1
CM 141R	<0.5	18	<3	1	12	60	7
CM 142R	<0.5	11	<3	<1	8	50	8
CM 143R	<0.5	16	<3	<1	12	32	50
CM 145R	<0.5	14	<3	<1	3	46	24
CM 147R	<0.5	10	<3	<1	2	52	19
CM 149R	<0.5	7	<3	<1	<2	42	20
CM 151R	<0.5	7	<3	<1	3	44	20
CM 153R	<0.5	19	<3	<1	4	40	50
CM 155R	<0.5	20	<3	<1	3	40	22
CM 157R	<0.5	13	<3	<1	<2	38	20
CM 159R	<0.5	10	<3	<1	4	42	16
CM 161R	<0.5	12	<3	<1	2	46	8
CM 163R	<0.5	22	<3	<1	<2	48	5
CM 165R	<0.5	12	<3	<1	2	52	6
CM 167R	<0.5	9	<3	<1	2	52	7
CM 169R	<0.5	9	<3	<1	<2	38	5
CM 171R	<0.5	19	<3	<1	<2	30	4
CM 173R	<0.5	13	<3	<1	<2	38	5
CM 175R	<0.5	10	<3	<1	<2	38	6
CM 177R	<0.5	11	<3	<1	<2	38	5
CM 179R	<0.5	12	<3	<1	<2	24	4
CM 181R	<0.5	18	<3	<1	2	28	4
CM 183R	<0.5	10	<3	<1	3	40	6
CM 185R	<0.5	10	<3	<1	2	32	5
CM 187R	<0.5	11	<3	<1	2	38	5
CM 189R	<0.5	9	<3	<1	3	40	7
CM 191R	<0.5	9	<3	<1	3	38	6
CM 193R	<0.5	12	6	<1	3	42	8
CM 195R	<0.5	10	<3	<1	3	40	6
CM 197R	<0.5	9	<3	<1	3	40	6
CM 199R	<0.5	9	<3	<1	3	42	7
CM 201R	1.0	105	<3	<1	19	15	58
CM 203R	<0.5	6	<3	<1	3	55	40
CM 205R	<0.5	10	7	<1	3	56	34
CM 207R	<0.5	28	<3	<1	4	60	7
CM 209R	<0.5	26	<3	<1	4	56	9
CM 211R	<0.5	13	5	<1	3	58	6
CM 213R	<0.5	24	3	<1	3	54	5
CM 215R	<0.5	10	<3	<1	3	42	4
CM 217R	<0.5	10	<3	<1	3	56	5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.5	1	3	1	2	2	1
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

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Sample	Ag	As	Bi	Cd	Co	Cr	Cu
CM 219R	<0.5	7	<3	<1	3	52	5
CM 221R	<0.5	11	<3	<1	3	48	4
CM 223R	<0.5	14	<3	<1	3	40	3
CM 225R	<0.5	14	<3	<1	4	44	4
CM 227R	<0.5	11	<3	<1	5	24	2
CM 229R	<0.5	10	<3	<1	4	48	3
CM 231R	<0.5	8	<3	<1	4	54	14
CM 233R	<0.5	12	<3	<1	4	48	4
CM 235R	<0.5	16	<3	<1	4	50	5
CM 237R	<0.5	15	<3	<1	4	44	3
CM 239R	<0.5	34	<3	<1	5	54	6
CM 241R	<0.5	24	<3	<1	4	48	4
CM 243R	<0.5	7	<3	<1	3	50	5
CM 245R	<0.5	8	<3	<1	3	45	4
CM 247R	<0.5	7	<3	<1	3	45	5
CM 249R	<0.5	11	<3	<1	3	44	4
CM 250R	<0.5	30	<3	<1	24	42	12
CM 251R	<0.5	12	<3	<1	4	28	5
CM 252R	<0.5	8	<3	<1	<2	25	6
CM 253R	<0.5	12	<3	<1	<2	30	4
CM 254R	<0.5	11	<3	<1	<2	20	4
CM 255R	<0.5	6	<3	<1	<2	22	3
CM 256R	<0.5	5	<3	<1	<2	32	5
CM 257R	<0.5	4	<3	<1	<2	48	5
CM 258R	<0.5	4	<3	<1	<2	30	5
CM 259R	<0.5	2	<3	<1	<2	40	4
CM 260R	<0.5	2	<3	<1	<2	24	5
CM 261R	<0.5	2	<3	<1	<2	40	5
CM 262R	0.5	2	<3	<1	<2	24	5
CM 263R	0.5	2	<3	<1	<2	48	6
CM 264R	<0.5	2	<3	<1	<2	22	9
CM 265R	<0.5	2	<3	<1	<2	46	8
CM 266R	<0.5	2	<3	<1	<2	22	6
CM 267R	<0.5	18	<3	<1	<2	44	8
CM 268R	<0.5	10	<3	<1	<2	25	9
CM 269R	<0.5	7	<3	<1	<2	48	8
CM 270R	<0.5	7	<3	<1	<2	24	8
CM 271R	<0.5	5	<3	<1	<2	42	8
CM 272R	<0.5	5	<3	<1	<2	15	8
CM 273R	<0.5	9	<3	<1	<2	32	36
CM 274R	0.5	25	<3	<1	7	16	68
CM 275R	0.5	24	<3	<1	7	34	36
CM 276R	0.5	30	<3	<1	7	17	16
CM 277R	<0.5	24	<3	<1	7	34	24
CM 278R	0.5	40	<3	<1	12	18	14
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.5	1	3	1	2	2	1
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

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Sample	Ag	As	Bi	Cd	Co	Cr	Cu
CM 279R	0.5	54	<3	<1	12	38	10
CM 280R	0.5	145	<3	<1	30	16	10
CM 281R	<0.5	26	<3	<1	7	<2	10
CM 282R	<0.5	28	5	<1	8	17	19
CM 283R	<0.5	15	8	<1	6	25	16
CM 284R	<0.5	12	<3	<1	4	48	12
CM 285R	<0.5	28	4	<1	10	28	17
CM 286R	<0.5	22	<3	<1	8	42	13
CM 287R	<0.5	14	<3	<1	6	22	13
CM 288R	<0.5	10	<3	<1	6	46	16
CM 289R	<0.5	15	<3	<1	8	74	17
CM 290R	<0.5	13	<3	<1	7	40	16
CM 291R	<0.5	15	<3	<1	7	86	11
CM 292R	<0.5	13	<3	<1	7	42	13
CM 293R	<0.5	7	<3	<1	5	98	12
CM 294R	<0.5	24	<3	<1	9	48	30
CM 295R	<0.5	7	<3	<1	5	88	12
CM 296R	<0.5	6	<3	<1	5	70	12
CM 297R	<0.5	6	<3	<1	5	76	11
CM 298R	<0.5	4	<3	<1	4	46	12
CM 299R	<0.5	7	<3	<1	5	78	17
CM 300R	<0.5	5	<3	<1	4	54	13
CM 301R	<0.5	170	<3	<1	22	94	82
CM 302R	<0.5	5	<3	<1	4	72	18
CM 303R	<0.5	6	<3	<1	4	28	24
CM 304R	<0.5	16	<3	<1	6	65	30
CM 305R	<0.5	9	<3	<1	5	24	25
CM 306R	<0.5	6	<3	<1	5	48	18
CM 307R	<0.5	6	<3	<1	4	25	17
CM 308R	<0.5	3	<3	<1	4	75	24
CM 309R	<0.5	4	<3	<1	4	45	18
CM 310R	<0.5	7	3	<1	3	76	22
CM 311R	<0.5	52	<3	<1	4	44	48
CM 312R	<0.5	8	<3	<1	3	66	26
CM 313R	<0.5	4	<3	<1	4	18	24
CM 314R	<0.5	8	4	<1	4	30	26
CM 315R	<0.5	6	<3	<1	4	36	24
CM 316R	<0.5	4	<3	<1	4	62	15
CM 317R	<0.5	5	<3	<1	4	45	16
CM 318R	<0.5	4	<3	<1	4	58	16
CM 319R	<0.5	13	<3	<1	4	32	24
CM 320R	<0.5	5	<3	<1	4	44	16
CM 321R	<0.5	5	<3	<1	3	30	24
CM 322R	<0.5	4	<3	<1	3	66	35
CM 323R	<0.5	6	<3	<1	5	32	42
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.5	1	3	1	2	2	1
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

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Sample	Ag	As	Bi	Cd	Co	Cr	Cu
CM 324R	<0.5	4	<3	<1	3	56	18
CM 325R	<0.5	4	<3	<1	3	25	14
CM 327R	<0.5	9	<3	<1	7	34	10
CM 329R	<0.5	42	<3	<1	5	34	42
CM 331R	<0.5	92	<3	<1	5	34	82
CM 333R	<0.5	22	<3	<1	6	84	24
CM 335R	<0.5	9	<3	<1	4	70	19
CM 337R	<0.5	11	<3	<1	3	54	19
CM 339R	<0.5	10	<3	<1	5	52	16
CM 341R	<0.5	7	<3	<1	4	52	16
CM 343R	<0.5	7	<3	<1	4	50	52
CM 345R	<0.5	8	<3	<1	4	58	18
CM 347R	<0.5	26	<3	<1	6	44	55
CM 349R	<0.5	8	<3	<1	4	48	22
CM 351R	<0.5	7	<3	<1	4	54	20
CM 353R	<0.5	8	<3	<1	4	40	18
CM 355R	<0.5	10	<3	<1	3	35	18
CM 357R	<0.5	19	<3	<1	8	50	12
CM 359R	<0.5	9	<3	<1	4	44	18
CM 361R	<0.5	8	<3	<1	5	60	100
CM 363R	<0.5	9	<3	<1	5	65	24
CM 365R	<0.5	8	<3	<1	5	58	22
CM 367R	<0.5	5	<3	<1	4	68	8
CM 369R	<0.5	24	<3	<1	4	48	7
CM 371R	<0.5	32	<3	<1	5	50	14
CM 373R	<0.5	10	<3	<1	4	34	9
CM 375R	<0.5	6	<3	<1	4	46	12
CM 377R	<0.5	5	<3	<1	4	55	9
CM 379R	<0.5	7	<3	<1	5	30	11
CM 381R	<0.5	6	<3	<1	5	75	8
CM 383R	<0.5	6	<3	<1	3	68	9
CM 385R	0.5	3	<3	<1	<2	76	7
CM 387R	0.5	4	<3	<1	<2	62	6
CM 389R	0.5	3	<3	<1	2	64	9
CM 391R	0.5	3	<3	<1	3	68	9
CM 393R	0.5	3	<3	<1	<2	78	8
CM 395R	0.5	2	<3	<1	<2	66	9
CM 397R	0.5	2	<3	<1	2	76	10
CM 399R	0.5	2	<3	<1	<2	58	11
CM 401R	<0.5	165	<3	<1	22	98	80
CM 403R	1.0	4	<3	<1	<2	30	14
CM 405R	0.5	3	<3	<1	3	35	11
CM 407R	1.0	3	<3	<1	4	28	11
CM 409R	<0.5	7	<3	<1	12	22	16
CM 411R	<0.5	13	<3	<1	10	26	14
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.5	1	3	1	2	2	1
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

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ANALYTICAL REPORT

Sample	Ag	As	Bi	Cd	Co	Cr	Cu
CM 413R	<0.5	18	<3	<1	10	25	10
CM 415R	<0.5	105	<3	<1	11	22	9
CM 417R	<0.5	32	<3	<1	6	50	8
CM 419R	<0.5	36	<3	<1	6	52	9
CM 421R	<0.5	34	<3	<1	6	46	9
CM 423R	<0.5	30	<3	<1	6	62	9
CM 425R	<0.5	32	<3	<1	5	48	11
CM 427R	<0.5	30	<3	<1	5	48	9
CM 429R	<0.5	25	<3	<1	5	40	9
CM 431R	<0.5	25	<3	<1	5	72	10
CM 433R	<0.5	90	<3	<1	26	88	18
CM 435R	<0.5	28	<3	<1	13	54	16
CM 437R	<0.5	28	<3	<1	8	56	11
CM 439R	<0.5	19	<3	<1	5	52	8
CM 441R	<0.5	28	<3	<1	6	48	7
CM 443R	0.5	100	<3	<1	18	13	55
CM 445R	1.5	32	<3	1	24	14	75
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.5	1	3	1	2	2	1
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Fe	Mn	Mo	Ni	Pb	P	Sb
CM 001R	1.17	210	1	2	55	95	<5
CM 002R	1.08	30	3	2	52	90	<5
CM 003R	1.30	80	2	3	76	125	<5
CM 004R	9.05	370	13	14	460	660	<5
CM 005R	8.60	330	10	12	370	510	<5
CM 006R	4.24	110	6	6	200	280	<5
CM 007R	1.49	95	2	3	88	120	<5
CM 008R	1.00	55	1	2	52	90	<5
CM 009R	4.78	135	5	7	185	250	<5
CM 010R	4.88	135	5	8	155	250	<5
CM 011R	1.48	110	2	4	48	110	<5
CM 012R	2.54	260	3	6	76	180	<5
CM 013R	4.44	100	6	7	94	270	<5
CM 014R	3.30	60	6	6	66	175	<5
CM 015R	4.36	60	6	8	90	195	<5
CM 016R	5.05	130	6	10	82	185	<5
CM 017R	0.85	70	4	7	28	75	<5
CM 018R	1.26	180	3	8	32	55	<5
CM 019R	1.12	145	4	9	48	50	<5
CM 020R	1.40	220	5	12	22	60	<5
CM 021R	1.17	110	9	12	22	35	<5
CM 022R	1.00	105	4	9	7	35	<5
CM 023R	1.44	145	4	16	17	30	<5
CM 024R	0.88	85	3	9	8	30	<5
CM 025R	1.09	110	4	12	10	30	<5
CM 026R	0.68	70	4	7	6	45	<5
CM 027R	0.38	30	5	5	9	45	<5
CM 028R	2.44	170	2	6	6	80	<5
CM 029R	1.08	100	3	11	25	30	<5
CM 030R	1.07	260	3	7	8	45	<5
CM 031R	2.48	710	8	18	72	45	<5
CM 032R	1.15	110	10	25	250	60	<5
CM 033R	3.00	530	6	24	60	40	<5
CM 034R	6.90	1.05%	7	40	70	195	<5
CM 035R	2.64	3450	3	10	15	280	<5
CM 036R	2.32	2500	3	13	24	630	<5
CM 037R	1.83	1140	3	13	14	165	<5
CM 038R	1.64	970	3	11	5	120	<5
CM 039R	1.65	780	3	11	3	220	<5
CM 040R	1.98	1300	3	12	5	125	<5
CM 041R	1.79	1940	12	11	<3	240	<5
CM 042R	1.75	960	4	16	7	140	<5
CM 043R	2.14	1420	6	20	22	220	<5
CM 044R	1.69	1400	3	14	13	250	<5
CM 045R	1.69	320	4	14	250	180	<5
Units	%	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	5	1	1	3	5	5
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2
Upper Scheme		IC2					

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Fe	Mn	Mo	Ni	Pb	P	Sb
CM 046R	1.99	600	7	13	10	290	<5
CM 047R	1.02	200	4	14	11	100	<5
CM 048R	0.84	45	7	12	25	40	<5
CM 049R	1.31	180	4	19	22	170	<5
CM 050R	2.36	2050	4	13	94	260	<5
CM 051R	2.54	1100	10	20	140	240	<5
CM 052R	3.16	2550	6	18	14	180	<5
CM 053R	0.69	50	2	5	5	85	<5
CM 054R	0.52	40	1	3	4	105	<5
CM 055R	6.55	210	4	13	<3	330	<5
CM 056R	10.2	250	4	16	<3	530	<5
CM 057R	0.78	65	2	9	7	40	<5
CM 058R	1.30	35	3	9	8	40	<5
CM 059R	4.26	680	3	10	<3	105	<5
CM 060R	5.90	660	2	10	<3	160	<5
CM 061R	8.25	640	3	12	<3	270	<5
CM 062R	4.20	400	2	8	<3	140	<5
CM 063R	5.45	180	<1	9	<3	160	<5
CM 064R	6.90	580	<1	12	<3	250	<5
CM 065R	19.8	1000	1	38	<3	950	<5
CM 066R	3.60	230	<1	7	<3	130	<5
CM 067R	7.75	230	<1	13	<3	240	<5
CM 068R	11.8	340	<1	19	<3	600	<5
CM 069R	8.95	250	<1	12	<3	300	<5
CM 070R	10.2	270	<1	16	<3	420	<5
CM 071R	6.70	350	<1	12	<3	250	<5
CM 072R	10.1	550	<1	15	<3	310	<5
CM 073R	6.50	400	<1	10	<3	200	<5
CM 074R	3.98	350	<1	8	<3	140	<5
CM 075R	3.38	470	<1	7	<3	80	<5
CM 076R	3.26	640	<1	9	<3	50	<5
CM 077R	5.00	630	<1	11	<3	80	<5
CM 078R	8.75	860	<1	22	<3	135	<5
CM 079R	7.95	820	<1	24	<3	95	<5
CM 080R	6.75	830	<1	20	<3	105	<5
CM 081R	10.5	1250	<1	28	<3	90	<5
CM 082R	10.9	1360	<1	28	<3	90	<5
CM 083R	14.9	1900	<1	40	<3	530	<5
CM 084R	13.8	2300	<1	40	<3	580	<5
CM 085R	11.0	1400	<1	28	<3	195	<5
CM 086R	14.9	2400	<1	35	<3	240	<5
CM 087R	12.7	5200	<1	30	<3	600	<5
CM 088R	12.4	3150	<1	34	<3	610	<5
CM 089R	13.2	5500	<1	30	<3	600	<5
CM 090R	14.1	8400	<1	30	<3	510	<5
Units	%	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	5	1	1	3	5	5
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2
Upper Scheme	IC2						

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Fe	Mn	Mo	Ni	Pb	P	Sb
CM 091R	9.85	2350	<1	22	<3	520	<5
CM 092R	12.5	4050	<1	28	<3	520	<5
CM 093R	11.6	2900	<1	26	<3	420	<5
CM 094R	11.0	2550	<1	28	<3	210	<5
CM 095R	11.4	2750	<1	28	<3	380	<5
CM 096R	12.7	3700	<1	30	<3	430	<5
CM 097R	12.5	4350	<1	30	<3	530	<5
CM 098R	9.60	2950	<1	25	<3	480	<5
CM 099R	9.25	2800	<1	30	<3	570	<5
CM 100R	8.20	3050	<1	25	<3	630	<5
CM 101R	4.00	3150	3	34	165	720	<5
CM 102R	7.40	2750	<1	28	4	750	<5
CM 103R	10.9	4500	<1	40	<3	700	<5
CM 104R	9.65	3700	<1	34	6	710	<5
CM 105R	9.00	2350	<1	38	<3	730	<5
CM 106R	8.20	2600	<1	28	3	680	<5
CM 107R	15.0	1.20%	<1	40	<3	570	<5
CM 108R	13.3	1.26%	<1	42	<3	610	<5
CM 109R	11.0	9900	<1	30	<3	620	<5
CM 110R	11.2	9000	<1	32	<3	530	<5
CM 111R	11.7	9900	<1	35	<3	570	<5
CM 112R	12.0	1.21%	<1	28	<3	590	<5
CM 113R	11.9	1.00%	2	28	<3	580	<5
CM 114R	12.2	7400	1	28	<3	640	<5
CM 115R	16.2	7700	1	52	<3	850	<5
CM 116R	14.2	7100	2	32	5	570	<5
CM 117R	11.4	5300	1	26	<3	620	<5
CM 118R	10.7	5000	<1	22	<3	630	<5
CM 119R	11.6	5400	<1	24	<3	740	<5
CM 120R	9.05	4250	<1	24	<3	680	<5
CM 121R	10.8	4800	<1	54	<3	850	<5
CM 122R	8.70	4450	<1	40	<3	740	<5
CM 123R	8.15	8000	<1	25	<3	540	<5
CM 124R	9.50	8300	<1	26	<3	470	<5
CM 125R	10.5	5900	<1	22	<3	550	<5
CM 126R	10.4	7900	<1	17	<3	530	<5
CM 127R	10.5	4600	<1	20	<3	560	<5
CM 128R	8.45	9900	<1	17	<3	520	<5
CM 129R	8.20	3650	<1	19	<3	580	<5
CM 130R	9.35	7400	<1	18	<3	550	<5
CM 131R	9.30	5200	<1	22	<3	550	<5
CM 132R	11.1	3250	<1	30	<3	830	<5
CM 133R	9.25	1.10%	<1	18	<3	600	<5
CM 134R	8.55	7100	<1	17	<3	490	<5
CM 135R	9.70	9800	<1	22	<3	520	<5
Units	%	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	5	1	1	3	5	5
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2
Upper Scheme	IC2	IC2					

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Fe	Mn	Mo	Ni	Pb	P	Sb
CM 136R	9.40	3850	<1	19	<3	530	<5
CM 137R	11.3	1.61%	<1	38	5	630	<5
CM 138R	9.45	1.18%	<1	20	5	520	<5
CM 139R	14.6	1.05%	<1	25	<3	480	<5
CM 140R	17.9	8600	<1	28	<3	490	<5
CM 141R	8.35	5200	<1	24	<3	480	<5
CM 142R	5.90	4100	<1	17	<3	450	<5
CM 143R	2.74	290	<1	15	14	690	<5
CM 145R	2.20	180	2	8	9	240	<5
CM 147R	2.04	140	2	8	10	230	<5
CM 149R	2.28	80	2	7	10	195	<5
CM 151R	2.08	90	2	7	10	125	<5
CM 153R	3.76	190	2	7	10	190	<5
CM 155R	2.76	160	2	7	9	220	<5
CM 157R	2.70	80	2	6	8	200	<5
CM 159R	3.38	1040	2	8	7	160	<5
CM 161R	2.80	250	2	8	7	230	<5
CM 163R	2.22	80	2	7	8	220	<5
CM 165R	2.86	250	2	9	7	110	<5
CM 167R	3.62	310	3	9	10	250	<5
CM 169R	3.38	340	2	8	10	220	<5
CM 171R	3.16	230	1	7	8	240	<5
CM 173R	3.16	190	2	8	7	310	<5
CM 175R	2.98	210	2	8	7	360	<5
CM 177R	3.26	210	2	8	7	125	<5
CM 179R	1.66	165	<1	5	7	75	<5
CM 181R	2.82	190	1	7	9	165	<5
CM 183R	3.04	195	2	10	6	360	<5
CM 185R	2.12	180	1	7	7	270	<5
CM 187R	2.72	220	1	8	6	40	<5
CM 189R	2.68	135	2	9	6	105	<5
CM 191R	2.96	155	2	9	7	110	<5
CM 193R	2.64	220	2	10	10	120	<5
CM 195R	2.80	175	2	9	6	95	<5
CM 197R	2.90	200	2	9	7	85	<5
CM 199R	3.16	200	2	10	9	115	<5
CM 201R	4.50	1660	6	25	80	1640	<5
CM 203R	2.24	220	4	8	6	290	<5
CM 205R	1.82	520	7	7	8	360	<5
CM 207R	2.88	155	4	8	7	270	<5
CM 209R	2.86	740	4	8	8	330	<5
CM 211R	2.08	510	4	8	8	240	<5
CM 213R	2.66	530	6	9	8	290	<5
CM 215R	2.82	310	2	7	8	280	<5
CM 217R	2.84	420	3	7	9	260	<5
Units	%	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	5	1	1	3	5	5
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2
Upper Scheme	IC2	IC2					

CLASSIC LABORATORIES

Job: 1AD3944
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ANALYTICAL REPORT

Sample	Fe	Mn	Mo	Ni	Pb	P	Sb
CM 219R	2.62	730	3	7	6	260	<5
CM 221R	2.26	350	3	7	6	250	<5
CM 223R	2.76	670	2	6	9	280	<5
CM 225R	2.80	410	3	6	9	280	<5
CM 227R	2.86	115	<1	8	14	610	<5
CM 229R	2.78	360	3	8	6	340	<5
CM 231R	2.42	530	3	9	6	250	<5
CM 233R	3.16	430	3	8	5	370	<5
CM 235R	2.94	370	3	8	5	350	<5
CM 237R	3.50	310	3	8	7	360	<5
CM 239R	3.74	270	3	8	9	370	<5
CM 241R	3.52	340	3	7	8	350	<5
CM 243R	2.88	340	3	7	6	340	<5
CM 245R	3.22	430	3	7	7	450	<5
CM 247R	3.04	630	3	6	6	330	<5
CM 249R	3.36	410	3	6	6	400	<5
CM 250R	3.94	460	1	32	12	165	<5
CM 251R	0.81	270	2	6	20	165	<5
CM 252R	0.51	125	<1	4	16	145	<5
CM 253R	0.59	110	2	3	16	160	<5
CM 254R	0.57	70	1	4	20	170	<5
CM 255R	0.45	55	1	2	19	175	<5
CM 256R	0.61	90	1	5	28	195	<5
CM 257R	0.48	75	3	3	24	170	<5
CM 258R	0.47	75	1	4	26	270	<5
CM 259R	0.36	70	2	3	30	195	<5
CM 260R	0.48	130	<1	4	32	210	<5
CM 261R	0.31	80	2	3	26	210	<5
CM 262R	0.35	60	<1	4	24	195	<5
CM 263R	0.38	85	3	4	19	165	<5
CM 264R	0.37	60	3	4	28	185	<5
CM 265R	0.31	60	5	3	24	180	<5
CM 266R	0.32	55	2	3	24	170	<5
CM 267R	0.40	60	5	4	30	190	<5
CM 268R	0.37	40	5	4	30	195	<5
CM 269R	0.30	50	8	3	30	210	<5
CM 270R	0.43	95	6	4	32	220	<5
CM 271R	0.43	75	10	4	32	210	<5
CM 272R	0.34	60	7	3	28	210	<5
CM 273R	0.41	85	7	3	30	220	<5
CM 274R	0.65	85	9	7	30	250	<5
CM 275R	0.55	45	10	6	26	250	<5
CM 276R	0.52	50	9	5	25	220	<5
CM 277R	0.60	80	8	5	24	220	<5
CM 278R	0.84	65	7	9	18	200	<5
Units	%	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	5	1	1	3	5	5
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Fe	Mn	Mo	Ni	Pb	P	Sb
CM 279R	0.76	45	9	8	24	220	<5
CM 280R	1.48	70	9	19	34	270	<5
CM 281R	0.76	65	4	6	13	100	<5
CM 282R	0.89	70	5	7	14	95	<5
CM 283R	0.87	70	4	8	16	125	<5
CM 284R	0.70	65	5	6	11	95	<5
CM 285R	1.23	85	6	12	17	160	<5
CM 286R	1.12	95	5	9	15	170	<5
CM 287R	1.06	110	3	6	17	190	<5
CM 288R	1.71	185	6	10	17	220	<5
CM 289R	2.66	270	8	9	20	240	<5
CM 290R	2.36	240	6	9	16	210	<5
CM 291R	3.32	420	9	10	13	200	<5
CM 292R	3.08	400	5	8	13	185	<5
CM 293R	2.78	390	11	8	13	180	<5
CM 294R	3.80	320	4	9	11	145	<5
CM 295R	3.60	460	8	8	18	320	<5
CM 296R	3.34	510	8	12	22	310	<5
CM 297R	3.58	480	9	9	22	270	<5
CM 298R	4.26	620	5	9	16	490	<5
CM 299R	3.90	430	10	9	24	260	<5
CM 300R	3.64	560	7	12	26	380	<5
CM 301R	10.5	165	1	38	30	1000	<5
CM 302R	4.12	530	8	9	30	400	<5
CM 303R	4.26	480	2	6	13	330	<5
CM 304R	3.58	380	5	8	18	140	<5
CM 305R	3.44	290	3	6	13	120	<5
CM 306R	3.58	290	8	6	11	145	<5
CM 307R	3.42	340	2	6	8	140	<5
CM 308R	4.00	260	4	8	10	155	<5
CM 309R	4.18	280	2	9	9	170	<5
CM 310R	3.90	350	4	8	9	125	<5
CM 311R	3.92	450	3	9	14	340	<5
CM 312R	4.26	380	6	9	13	340	<5
CM 313R	3.80	350	2	5	12	350	<5
CM 314R	3.78	310	2	6	8	300	<5
CM 315R	4.48	390	2	8	12	470	<5
CM 316R	4.36	450	5	8	18	540	<5
CM 317R	4.22	470	6	9	11	530	<5
CM 318R	4.66	350	4	7	7	550	<5
CM 319R	4.34	440	2	7	9	520	<5
CM 320R	4.34	500	7	7	15	600	<5
CM 321R	4.02	400	3	8	11	630	<5
CM 322R	4.16	430	5	9	6	650	<5
CM 323R	3.78	340	2	7	9	570	<5
Units	%	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	5	1	1	3	5	5
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2
Upper Scheme	IC2						

CLASSIC LABORATORIES

Job: 1AD3944
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ANALYTICAL REPORT

Sample	Fe	Mn	Mo	Ni	Pb	P	Sb
CM 324R	3.72	320	7	7	20	480	<5
CM 325R	3.78	300	4	6	20	420	<5
CM 327R	1.54	750	<1	11	<3	115	<5
CM 329R	4.18	180	2	11	<3	165	<5
CM 331R	5.05	250	2	11	3	280	<5
CM 333R	2.70	220	5	11	4	185	<5
CM 335R	3.36	100	5	7	7	260	<5
CM 337R	3.76	105	4	6	9	420	<5
CM 339R	3.46	105	4	6	5	400	<5
CM 341R	2.84	110	4	6	6	270	<5
CM 343R	2.88	115	4	7	5	280	<5
CM 345R	3.48	110	6	7	8	530	<5
CM 347R	3.72	100	4	7	8	440	<5
CM 349R	3.00	110	4	6	5	560	<5
CM 351R	3.18	115	5	6	6	610	<5
CM 353R	3.26	115	3	5	3	480	<5
CM 355R	3.92	110	4	4	6	560	<5
CM 357R	3.48	140	4	7	<3	410	<5
CM 359R	3.98	175	6	6	7	580	<5
CM 361R	4.08	165	4	7	8	570	<5
CM 363R	4.12	340	7	7	11	570	<5
CM 365R	4.40	520	9	8	14	590	<5
CM 367R	3.58	800	9	7	14	560	<5
CM 369R	3.68	700	6	6	15	590	<5
CM 371R	3.40	440	6	6	12	510	<5
CM 373R	3.42	370	6	5	8	490	<5
CM 375R	3.98	440	5	6	13	540	<5
CM 377R	3.86	680	7	7	20	560	<5
CM 379R	3.74	490	4	6	13	540	<5
CM 381R	1.45	450	2	9	15	30	<5
CM 383R	0.96	160	4	6	20	130	<5
CM 385R	0.56	70	4	6	38	195	<5
CM 387R	0.51	65	3	5	38	180	<5
CM 389R	0.40	90	3	5	34	190	<5
CM 391R	0.56	105	4	6	28	220	<5
CM 393R	0.51	135	4	6	34	220	<5
CM 395R	0.32	60	4	5	48	260	<5
CM 397R	0.51	160	4	6	45	210	<5
CM 399R	0.26	40	3	4	44	260	<5
CM 401R	10.3	165	<1	40	32	960	5
CM 403R	0.44	70	<1	5	82	350	<5
CM 405R	0.64	125	<1	7	32	250	<5
CM 407R	0.94	80	<1	6	26	230	<5
CM 409R	2.60	1150	<1	16	22	170	<5
CM 411R	2.60	630	2	15	18	200	<5
Units	%	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	5	1	1	3	5	5
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2
Upper Scheme	IC2						

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	Fe	Mn	Mo	Ni	Pb	P	Sb
CM 413R	3.30	470	3	11	19	370	<5
CM 415R	2.74	340	4	7	26	270	<5
CM 417R	3.72	430	6	8	25	390	<5
CM 419R	3.58	420	7	9	24	450	<5
CM 421R	3.68	460	6	8	22	540	<5
CM 423R	4.12	510	6	9	22	560	<5
CM 425R	3.78	490	6	8	19	560	<5
CM 427R	3.74	480	6	8	22	480	<5
CM 429R	3.66	490	6	8	22	560	<5
CM 431R	3.36	380	7	9	28	240	<5
CM 433R	2.26	140	9	12	14	140	<5
CM 435R	3.36	300	7	9	20	290	<5
CM 437R	3.84	530	6	10	24	560	<5
CM 439R	3.76	510	6	8	22	490	<5
CM 441R	3.22	440	5	7	26	500	<5
CM 443R	4.12	1520	5	24	74	1580	<5
CM 445R	3.80	2800	5	32	160	690	<5
Units	%	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	5	1	1	3	5	5
Scheme	IC2	IC2	IC2	IC2	IC2	IC2	IC2

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	V	Zn
CM 001R	12	22
CM 002R	11	22
CM 003R	9	24
CM 004R	42	155
CM 005R	42	130
CM 006R	18	64
CM 007R	10	30
CM 008R	8	22
CM 009R	22	84
CM 010R	20	82
CM 011R	22	35
CM 012R	11	46
CM 013R	9	64
CM 014R	8	54
CM 015R	8	68
CM 016R	6	92
CM 017R	6	45
CM 018R	11	72
CM 019R	8	42
CM 020R	14	66
CM 021R	11	110
CM 022R	6	42
CM 023R	14	86
CM 024R	6	44
CM 025R	6	55
CM 026R	5	36
CM 027R	5	56
CM 028R	6	40
CM 029R	12	40
CM 030R	13	56
CM 031R	32	280
CM 032R	18	360
CM 033R	32	160
CM 034R	36	280
CM 035R	28	54
CM 036R	28	50
CM 037R	32	32
CM 038R	16	20
CM 039R	19	13
CM 040R	22	20
CM 041R	42	18
CM 042R	40	22
CM 043R	76	40
CM 044R	350	42
CM 045R	54	450
Units	ppm	ppm
DL	1	1
Scheme	IC2	IC2

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	V	Zn
CM 046R	40	42
CM 047R	62	52
CM 048R	15	150
CM 049R	15	45
CM 050R	35	185
CM 051R	62	150
CM 052R	50	44
CM 053R	28	8
CM 054R	24	7
CM 055R	80	30
CM 056R	78	46
CM 057R	28	12
CM 058R	54	16
CM 059R	32	16
CM 060R	45	18
CM 061R	58	26
CM 062R	28	11
CM 063R	26	22
CM 064R	38	22
CM 065R	46	115
CM 066R	17	11
CM 067R	28	30
CM 068R	42	48
CM 069R	30	28
CM 070R	32	34
CM 071R	30	22
CM 072R	44	34
CM 073R	34	18
CM 074R	32	7
CM 075R	28	4
CM 076R	18	3
CM 077R	30	19
CM 078R	34	74
CM 079R	34	70
CM 080R	34	52
CM 081R	35	92
CM 082R	38	94
CM 083R	42	125
CM 084R	40	105
CM 085R	34	94
CM 086R	42	130
CM 087R	46	94
CM 088R	44	115
CM 089R	42	105
CM 090R	40	110
Units	ppm	ppm
DL	1	1
Scheme	IC2	IC2

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	V	Zn
CM 091R	36	62
CM 092R	42	85
CM 093R	40	74
CM 094R	38	72
CM 095R	38	78
CM 096R	40	100
CM 097R	42	105
CM 098R	40	78
CM 099R	48	76
CM 100R	42	68
CM 101R	45	190
CM 102R	44	80
CM 103R	60	130
CM 104R	44	98
CM 105R	40	66
CM 106R	38	62
CM 107R	42	115
CM 108R	36	115
CM 109R	38	94
CM 110R	36	95
CM 111R	40	105
CM 112R	40	105
CM 113R	36	115
CM 114R	44	135
CM 115R	54	220
CM 116R	42	220
CM 117R	36	135
CM 118R	32	135
CM 119R	35	150
CM 120R	30	94
CM 121R	30	115
CM 122R	25	85
CM 123R	22	58
CM 124R	24	62
CM 125R	28	84
CM 126R	28	80
CM 127R	32	94
CM 128R	28	55
CM 129R	34	60
CM 130R	32	65
CM 131R	36	60
CM 132R	62	80
CM 133R	28	52
CM 134R	32	55
CM 135R	30	58
Units	ppm	ppm
DL	1	1
Scheme	IC2	IC2

CLASSIC LABORATORIES

Job: 1AD3944 0117
O/N: B 5060

ANALYTICAL REPORT

Sample	V	Zn
CM 136R	30	80
CM 137R	32	65
CM 138R	28	58
CM 139R	32	145
CM 140R	38	190
CM 141R	17	185
CM 142R	11	110
CM 143R	28	78
CM 145R	11	24
CM 147R	9	19
CM 149R	10	19
CM 151R	7	17
CM 153R	9	35
CM 155R	10	24
CM 157R	9	16
CM 159R	8	36
CM 161R	8	19
CM 163R	9	14
CM 165R	7	19
CM 167R	10	19
CM 169R	9	16
CM 171R	8	16
CM 173R	7	16
CM 175R	7	14
CM 177R	7	15
CM 179R	7	13
CM 181R	8	18
CM 183R	13	24
CM 185R	7	17
CM 187R	6	16
CM 189R	8	19
CM 191R	7	17
CM 193R	7	24
CM 195R	5	19
CM 197R	6	22
CM 199R	6	24
CM 201R	42	92
CM 203R	9	35
CM 205R	8	22
CM 207R	11	20
CM 209R	10	22
CM 211R	8	24
CM 213R	9	22
CM 215R	8	17
CM 217R	9	19
Units	ppm	ppm
DL	1	1
Scheme	IC2	IC2

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	V	Zn
CM 219R	8	19
CM 221R	8	17
CM 223R	7	17
CM 225R	8	20
CM 227R	12	30
CM 229R	11	28
CM 231R	10	32
CM 233R	11	32
CM 235R	10	32
CM 237R	11	32
CM 239R	13	40
CM 241R	11	40
CM 243R	9	25
CM 245R	11	28
CM 247R	9	24
CM 249R	10	30
CM 250R	64	52
CM 251R	10	6
CM 252R	5	3
CM 253R	8	4
CM 254R	4	2
CM 255R	4	2
CM 256R	5	3
CM 257R	6	3
CM 258R	4	2
CM 259R	5	2
CM 260R	5	4
CM 261R	5	2
CM 262R	3	2
CM 263R	6	2
CM 264R	3	3
CM 265R	5	1
CM 266R	3	1
CM 267R	5	3
CM 268R	3	3
CM 269R	6	2
CM 270R	5	4
CM 271R	7	4
CM 272R	4	3
CM 273R	7	6
CM 274R	7	50
CM 275R	9	52
CM 276R	8	92
CM 277R	9	185
CM 278R	9	230
Units	ppm	ppm
DL	1	1
Scheme	IC2	IC2

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	V	Zn
CM 279R	12	135
CM 280R	10	120
CM 281R	3	130
CM 282R	5	85
CM 283R	6	82
CM 284R	6	92
CM 285R	8	70
CM 286R	8	75
CM 287R	6	56
CM 288R	10	42
CM 289R	20	98
CM 290R	13	60
CM 291R	19	90
CM 292R	17	105
CM 293R	19	85
CM 294R	15	62
CM 295R	18	70
CM 296R	13	70
CM 297R	18	72
CM 298R	17	60
CM 299R	19	68
CM 300R	15	60
CM 301R	170	98
CM 302R	20	70
CM 303R	17	50
CM 304R	25	60
CM 305R	16	55
CM 306R	17	52
CM 307R	17	42
CM 308R	18	35
CM 309R	16	35
CM 310R	30	46
CM 311R	24	40
CM 312R	25	46
CM 313R	15	50
CM 314R	30	40
CM 315R	22	38
CM 316R	19	44
CM 317R	17	46
CM 318R	19	38
CM 319R	22	45
CM 320R	22	48
CM 321R	24	45
CM 322R	30	42
CM 323R	22	36
Units	ppm	ppm
DL	1	1
Scheme	IC2	IC2

CLASSIC LABORATORIES

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

Sample	V	Zn
CM 324R	18	40
CM 325R	16	40
CM 327R	11	9
CM 329R	32	25
CM 331R	38	40
CM 333R	26	34
CM 335R	22	34
CM 337R	24	38
CM 339R	22	44
CM 341R	19	42
CM 343R	22	52
CM 345R	19	44
CM 347R	19	40
CM 349R	22	48
CM 351R	20	42
CM 353R	24	32
CM 355R	19	55
CM 357R	30	48
CM 359R	17	50
CM 361R	22	38
CM 363R	20	60
CM 365R	22	65
CM 367R	18	56
CM 369R	17	64
CM 371R	16	48
CM 373R	17	54
CM 375R	18	50
CM 377R	19	56
CM 379R	17	46
CM 381R	35	16
CM 383R	22	11
CM 385R	19	8
CM 387R	16	7
CM 389R	19	6
CM 391R	24	12
CM 393R	26	12
CM 395R	24	9
CM 397R	30	12
CM 399R	25	20
CM 401R	170	98
CM 403R	28	38
CM 405R	24	19
CM 407R	22	38
CM 409R	38	48
CM 411R	32	54
Units	ppm	ppm
DL	1	1
Scheme	IC2	IC2

Job: 1AD3944
O/N: B 5060

ANALYTICAL REPORT

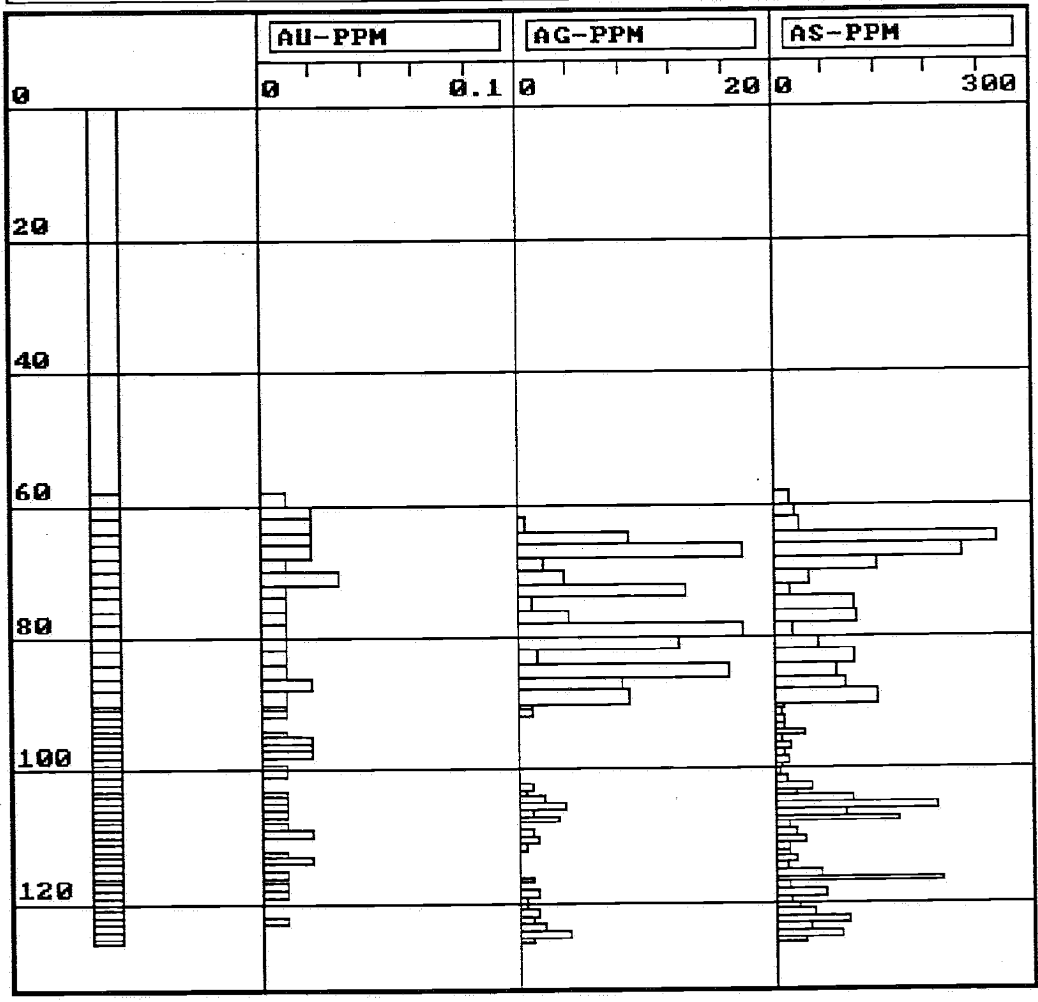
Sample	V	Zn
CM 413R	38	115
CM 415R	26	68
CM 417R	36	90
CM 419R	34	82
CM 421R	34	74
CM 423R	40	70
CM 425R	35	60
CM 427R	34	70
CM 429R	34	70
CM 431R	34	88
CM 433R	18	46
CM 435R	34	105
CM 437R	36	105
CM 439R	35	82
CM 441R	32	96
CM 443R	32	86
CM 445R	32	180
Units	ppm	ppm
DL	1	1
Scheme	IC2	IC2

APPENDIX III

Drillhole Graphic Logs

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

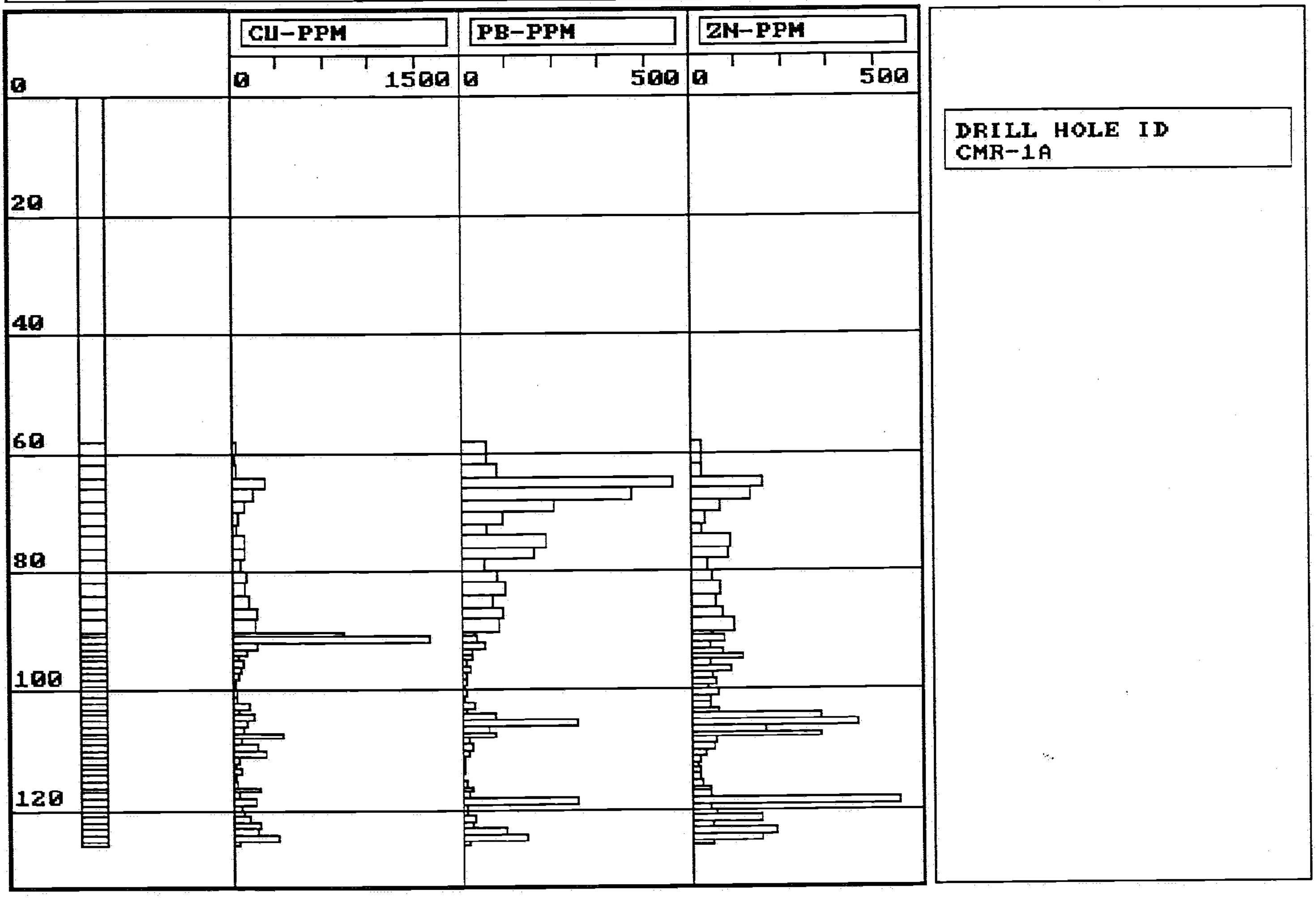
Mon Feb 24 18:03
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-1A

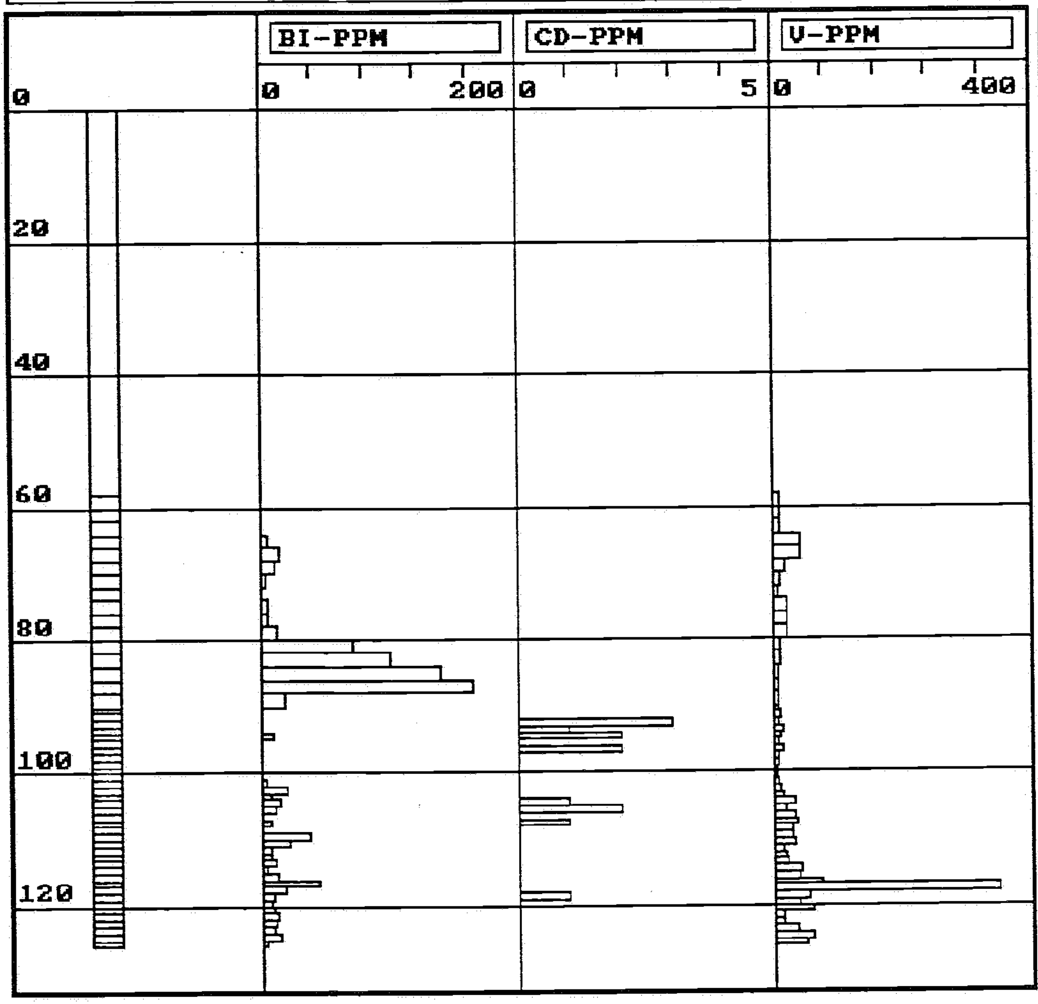
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 17:57
GRAPHIC LOG DISPLAY



MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

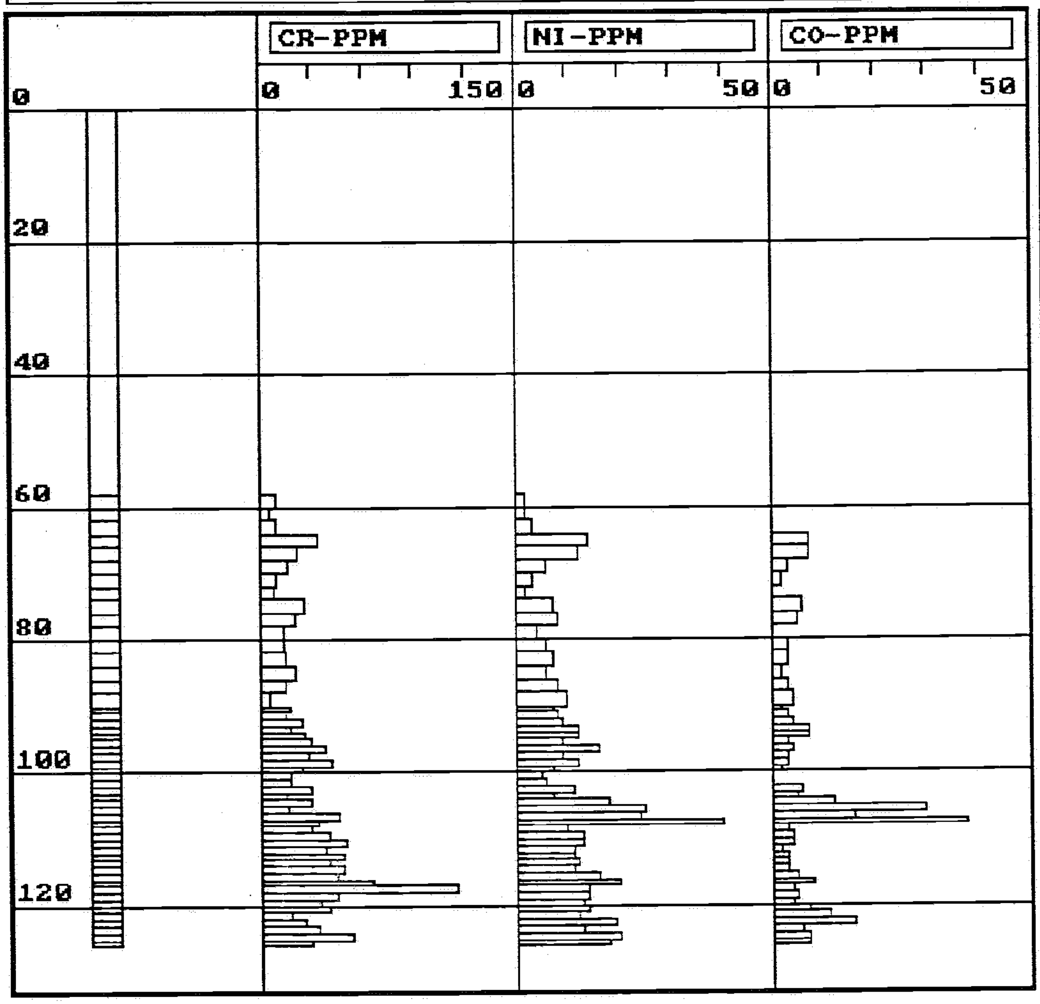
Mon Feb 24 18:07
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-1A

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

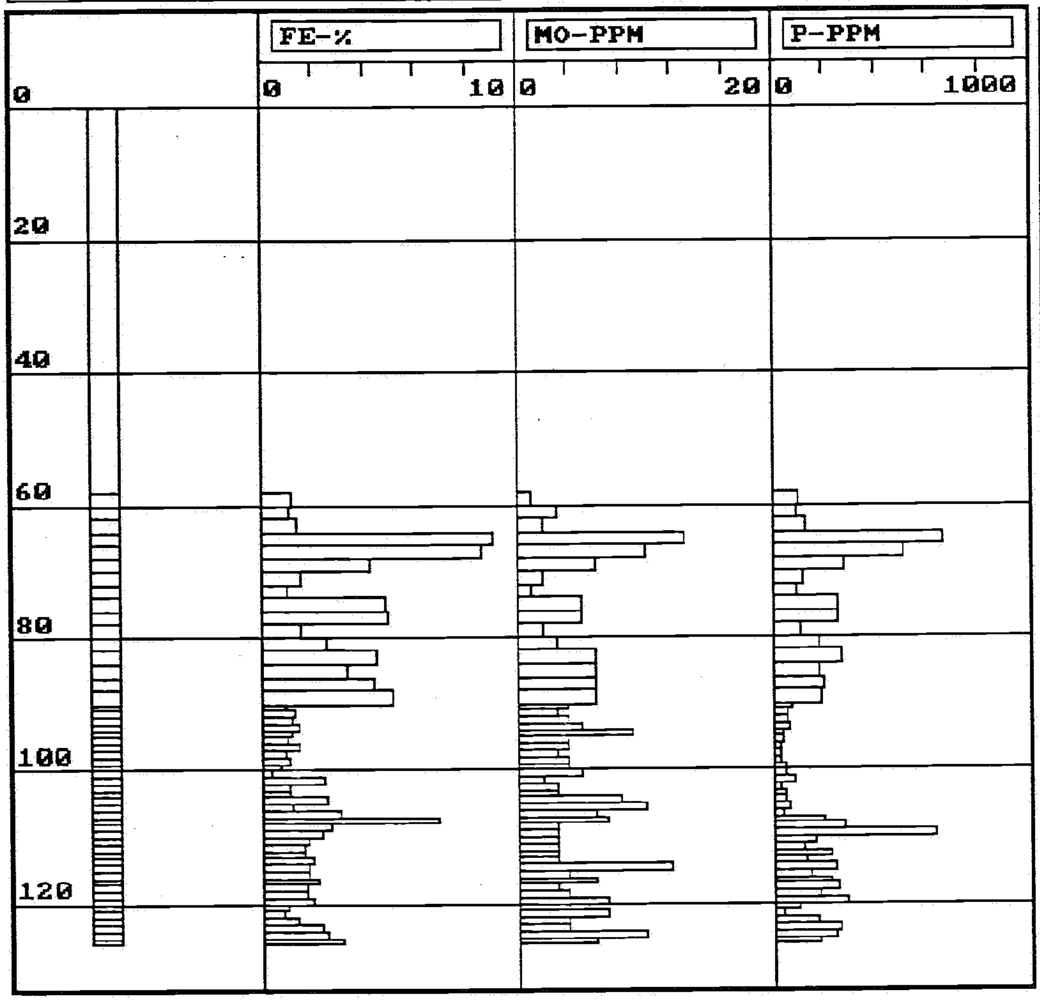
Mon Feb 24 18:14
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-1A

MICROMINE PROJECT : s039   Version 6.40 Jan 1991   DATA FILE : CM-DHAD
PARAMETER FILE : GLOG   CURNAMONA

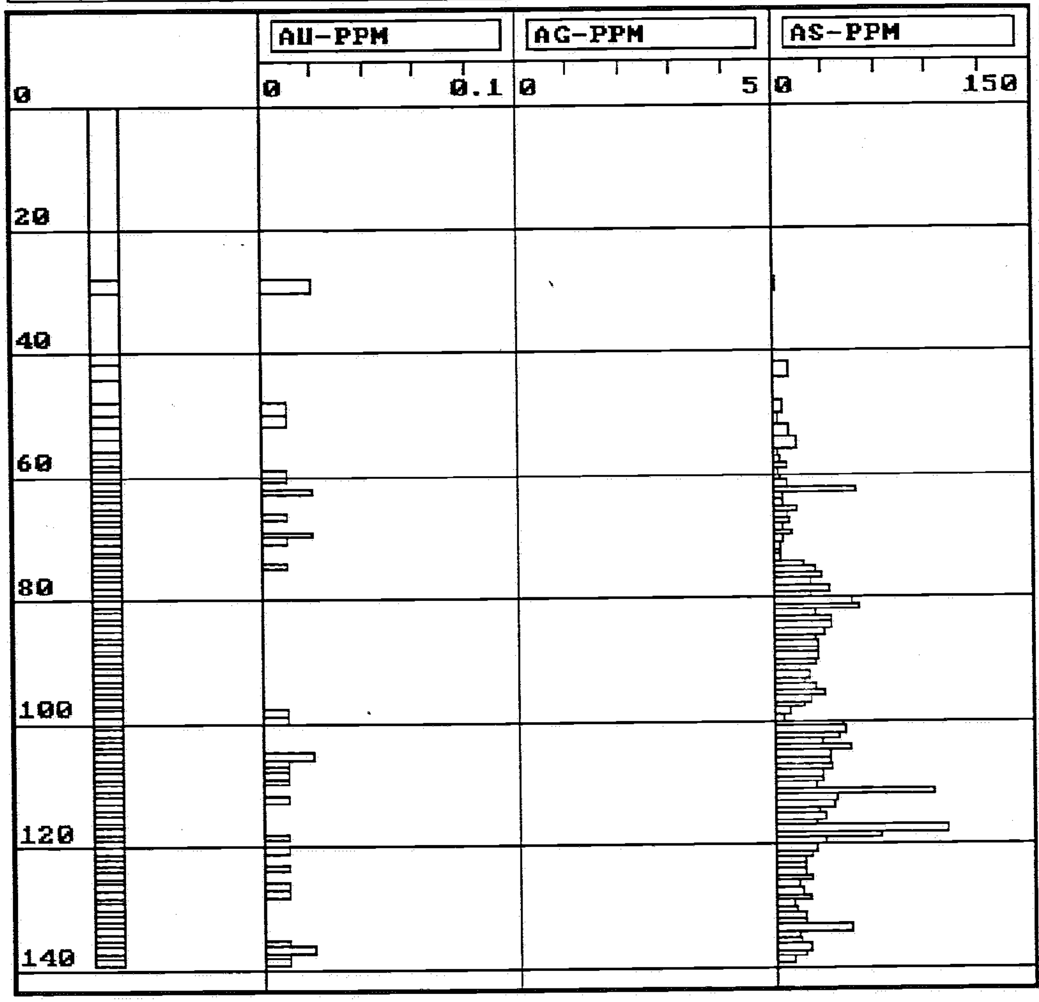
Mon Feb 24 18:17
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-1A

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

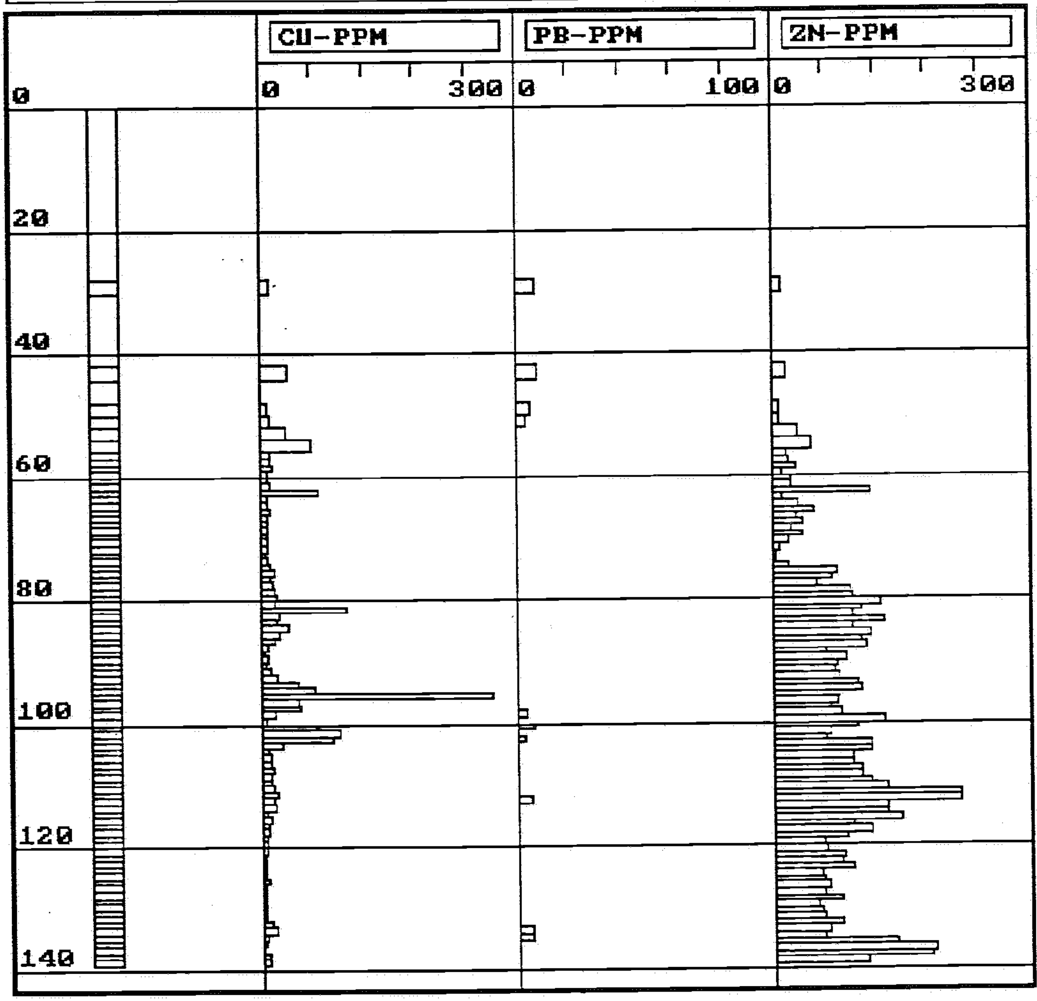
Mon Feb 24 18:31
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-2

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

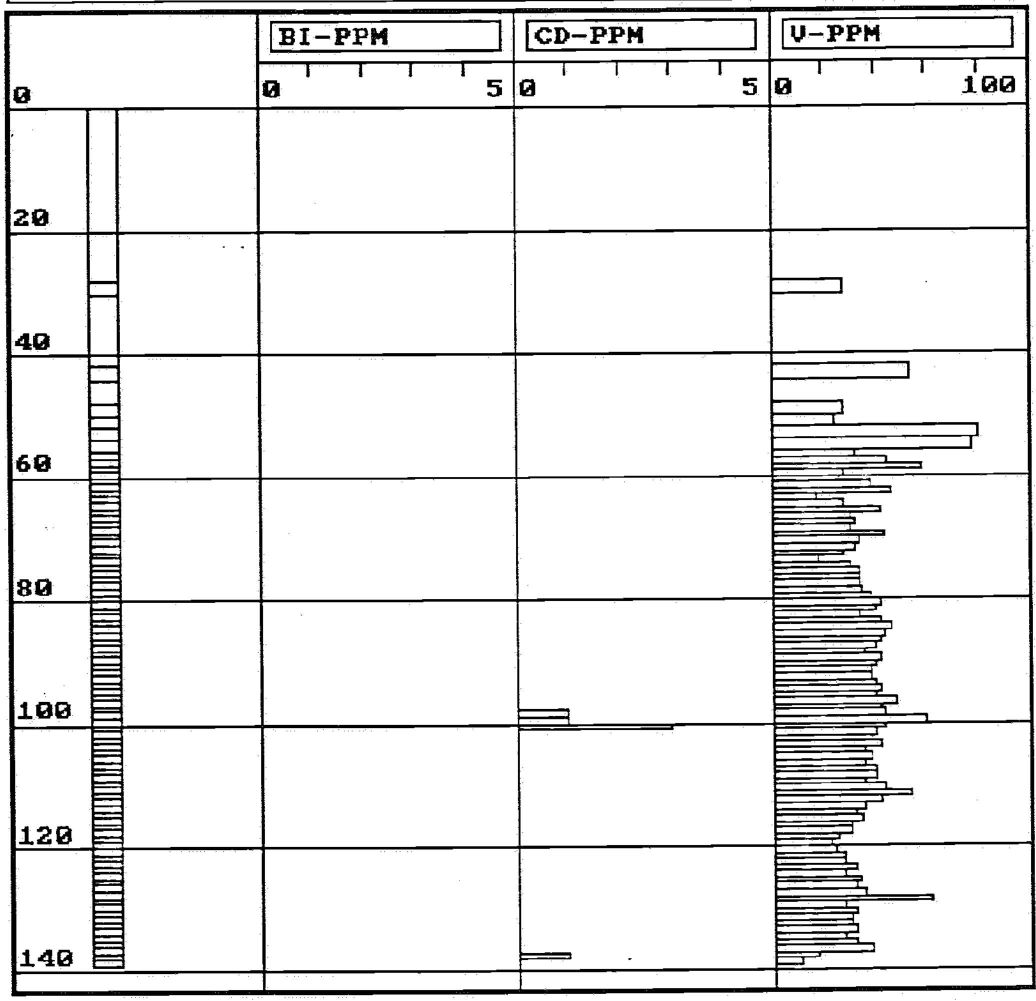
Mon Feb 24 18:35
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-2

MICROMINE PROJECT : s039   Version 6.40 Jan 1991   DATA FILE : CM-DHAD
PARAMETER FILE : GLOG   CURNAMONA

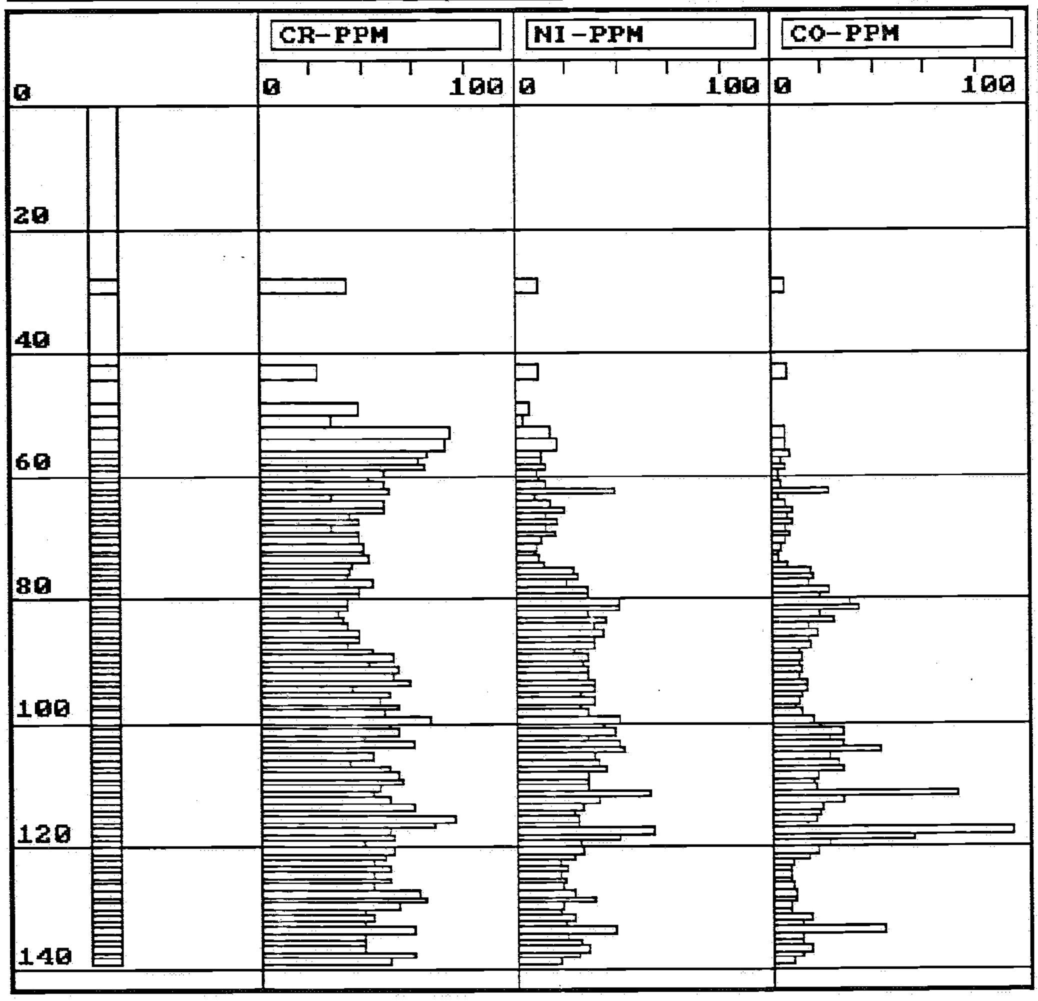
Mon Feb 24 18:38
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-2

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

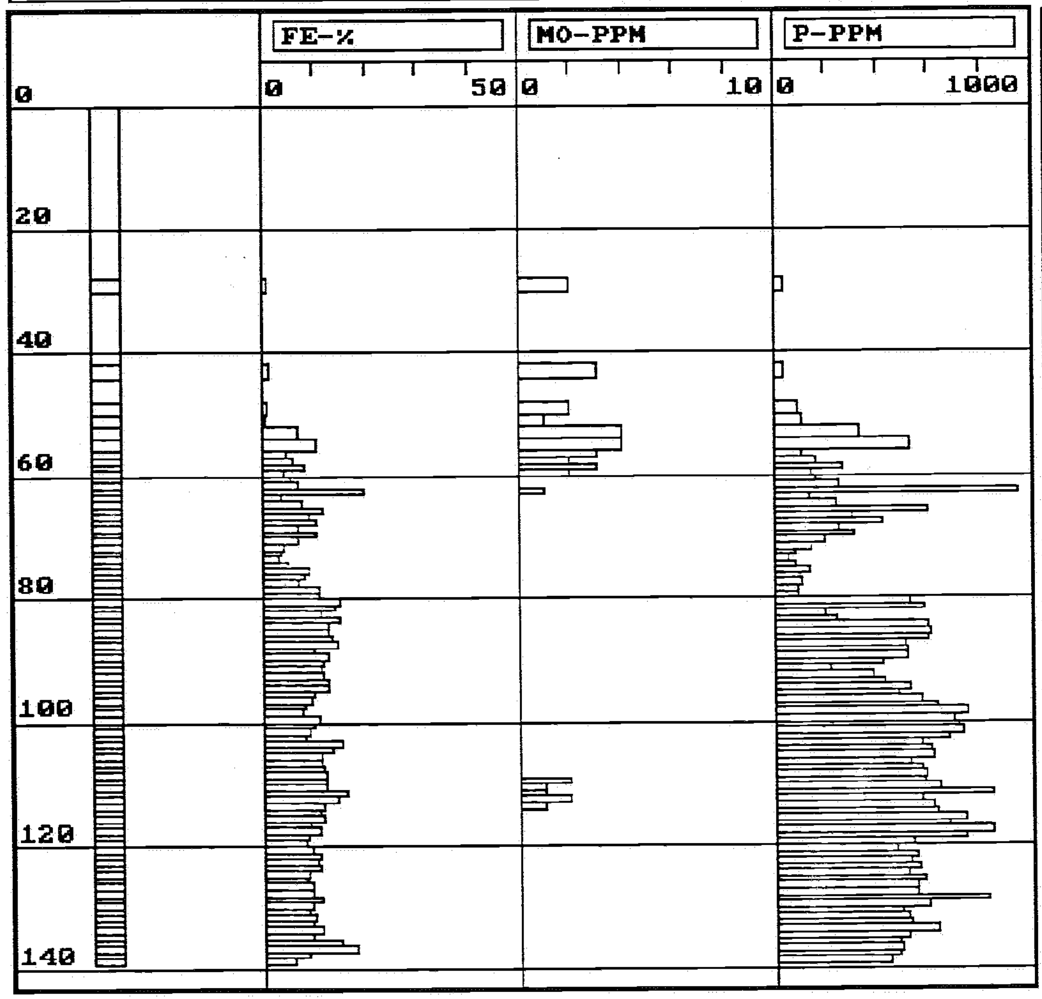
Mon Feb 24 18:41
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-2

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

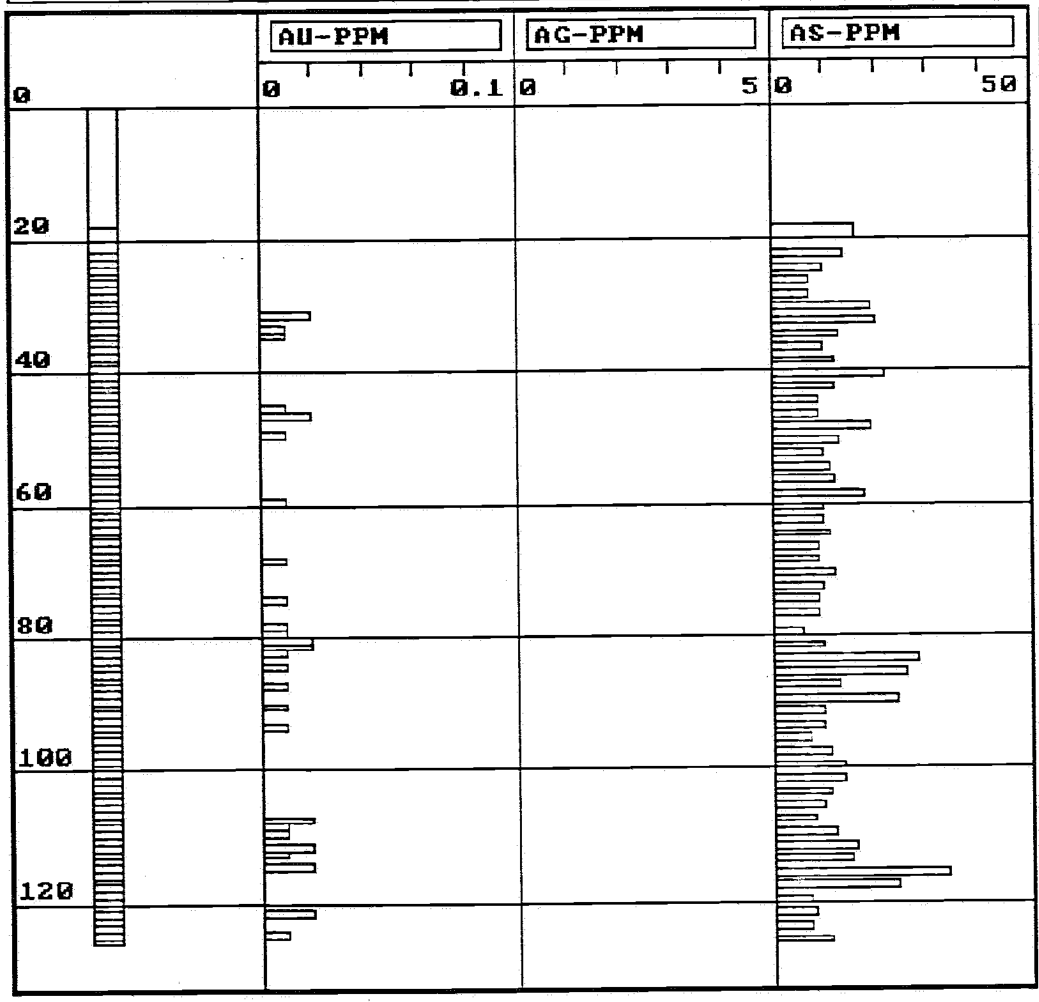
Mon Feb 24 18:44
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-2

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

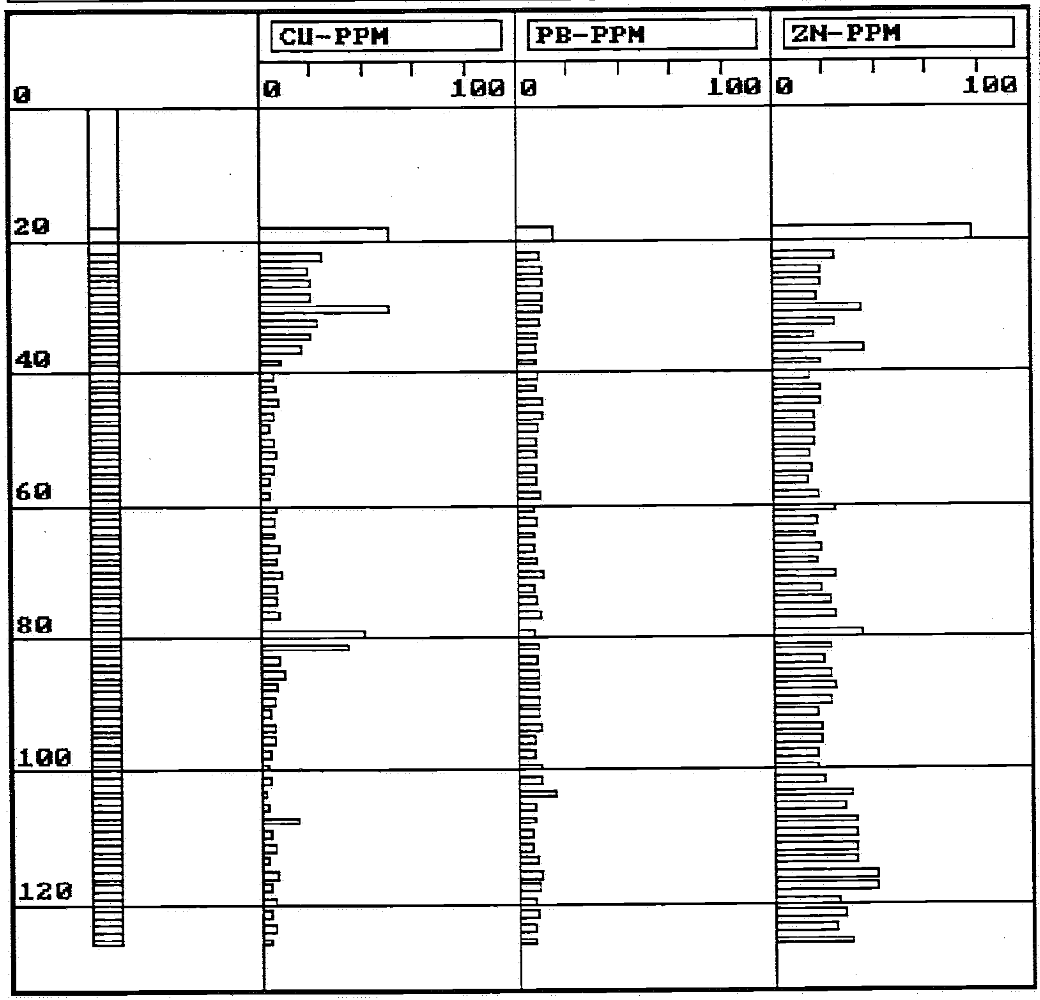
Mon Feb 24 18:48
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-3

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

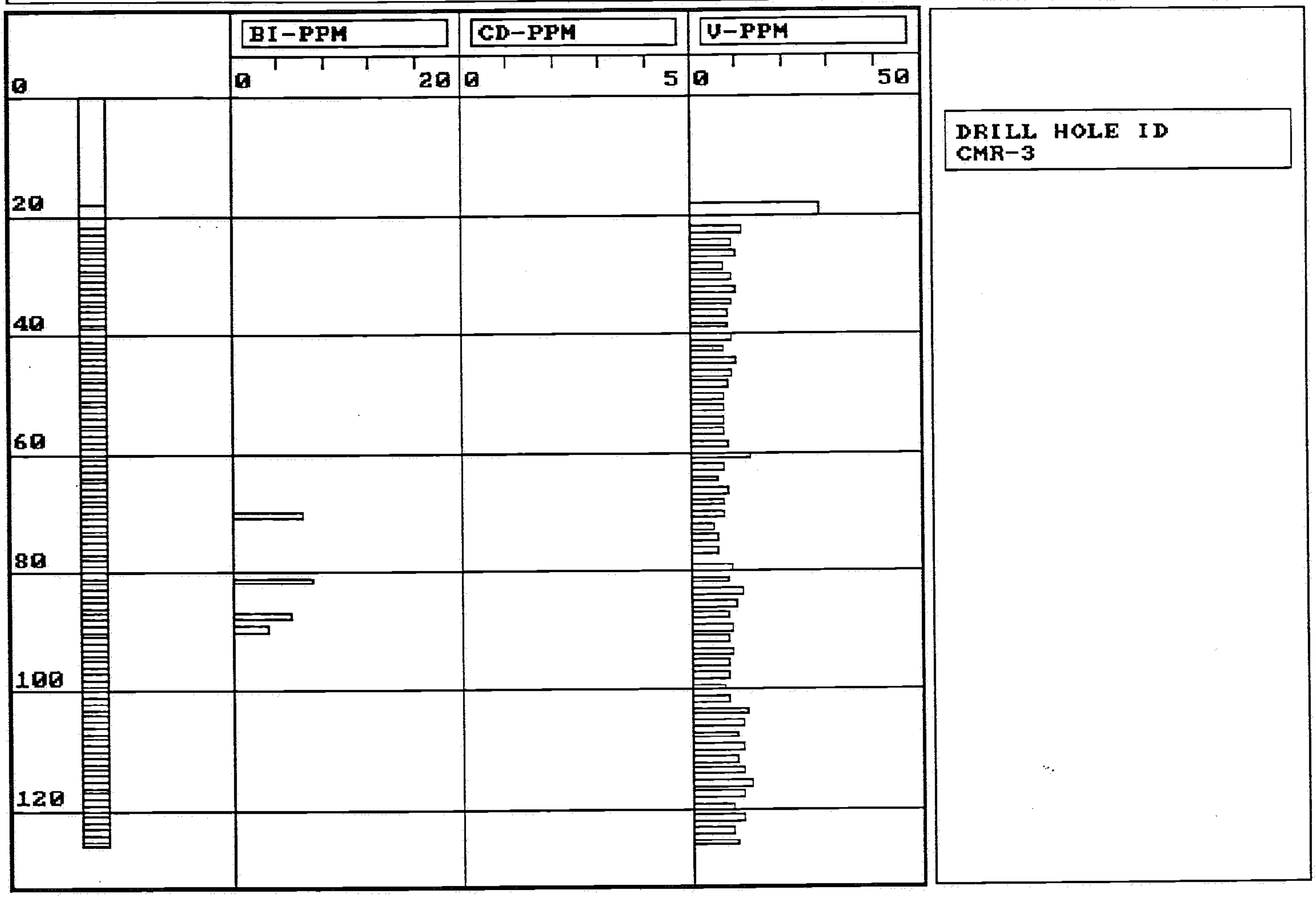
Mon Feb 24 18:50
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-3

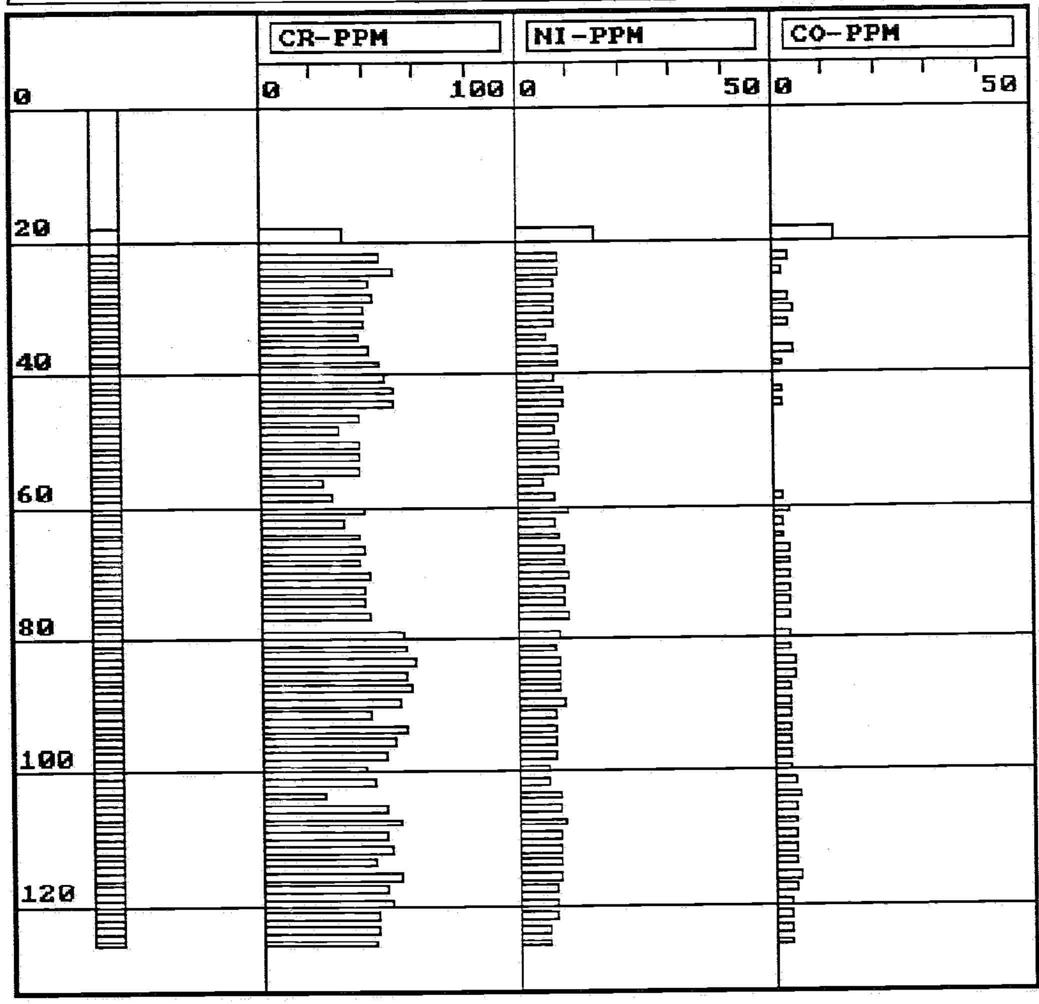
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 18:53
GRAPHIC LOG DISPLAY



MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

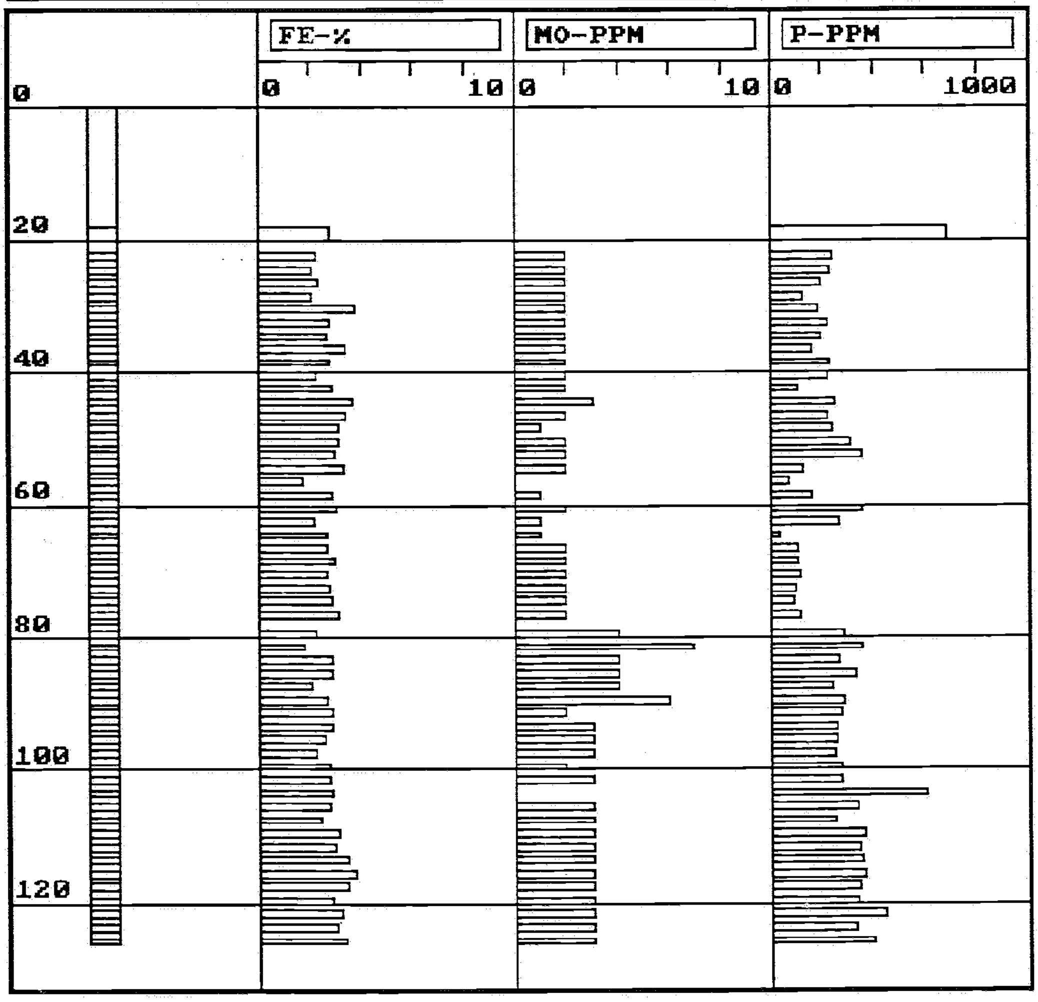
Mon Feb 24 18:56
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-3

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

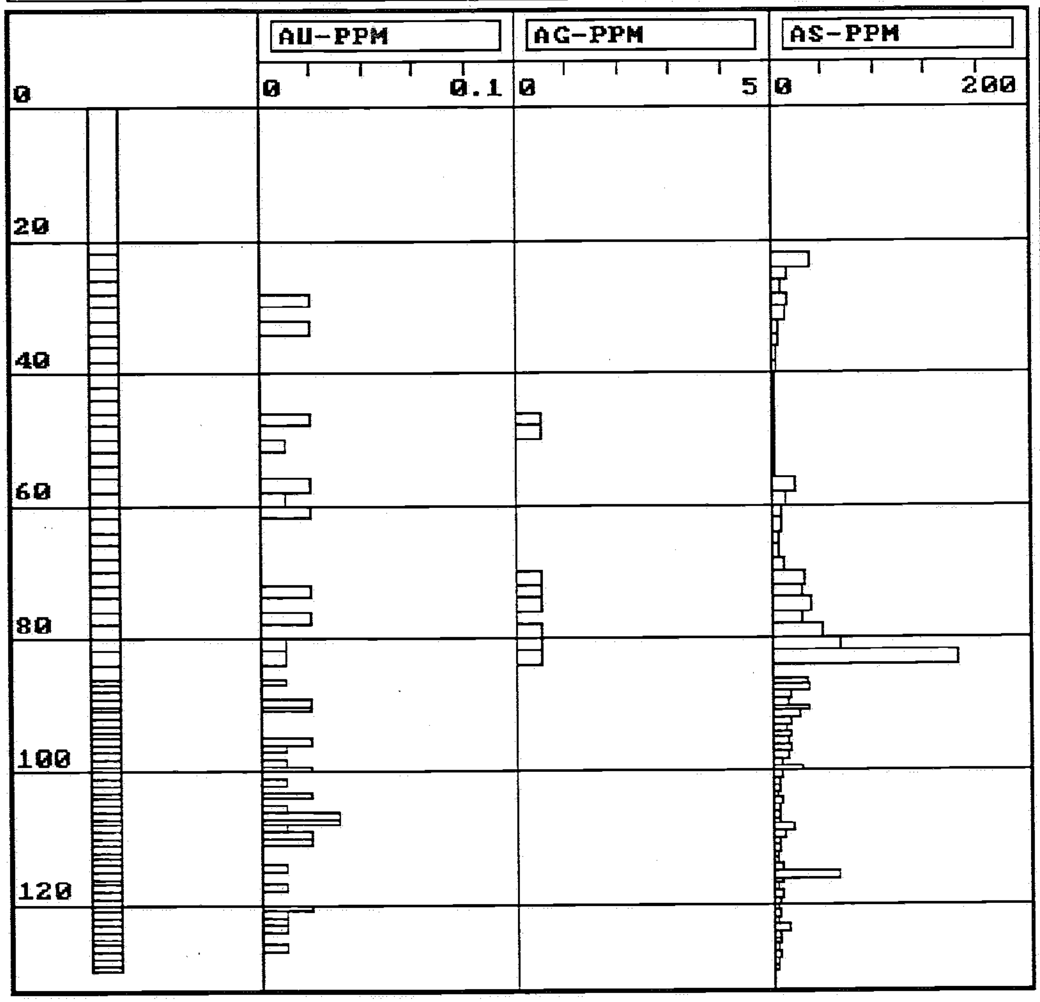
Mon Feb 24 18:59
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-3

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

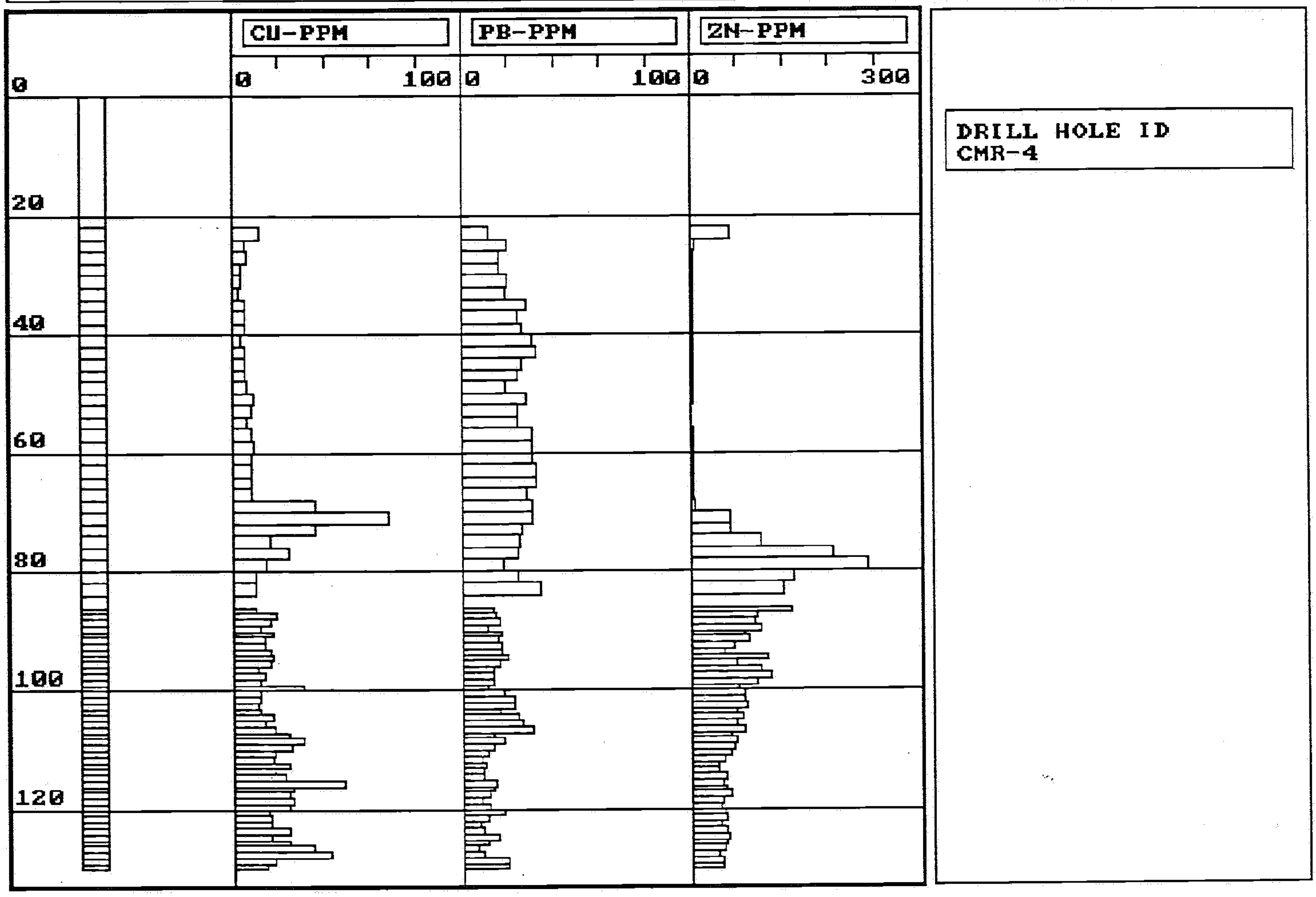
Mon Feb 24 19:57
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-4

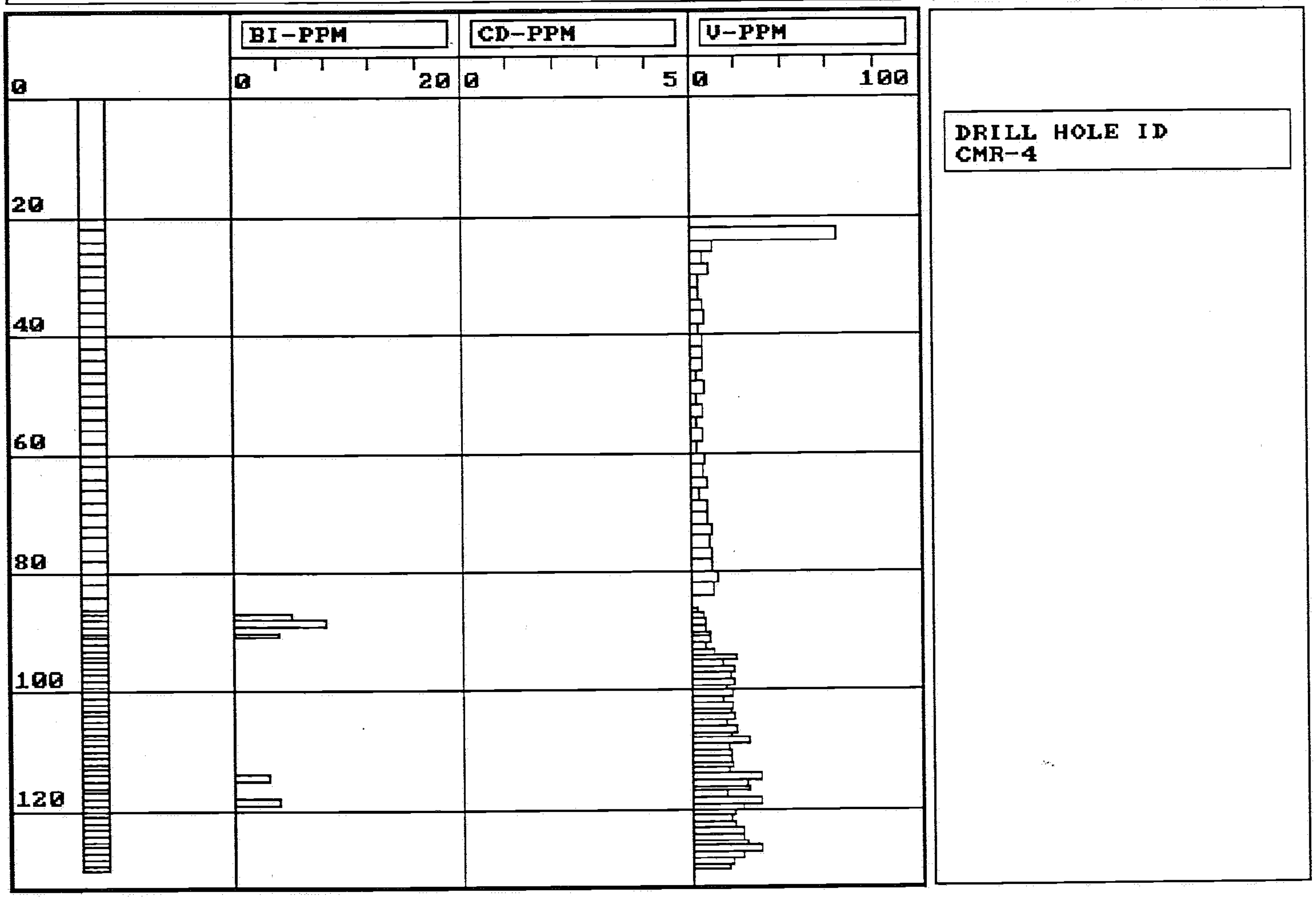
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 20:01
GRAPHIC LOG DISPLAY



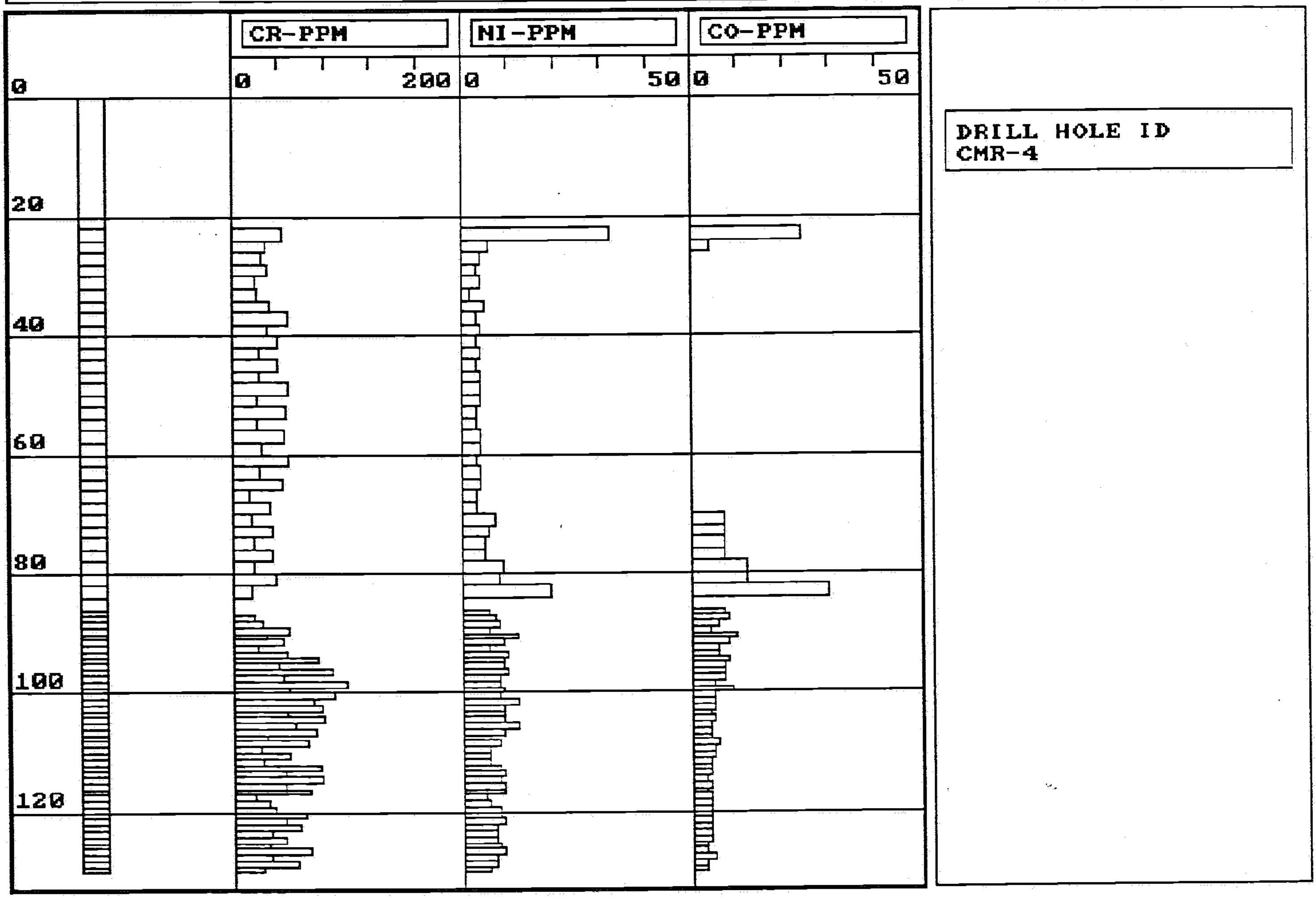
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 20:04
GRAPHIC LOG DISPLAY



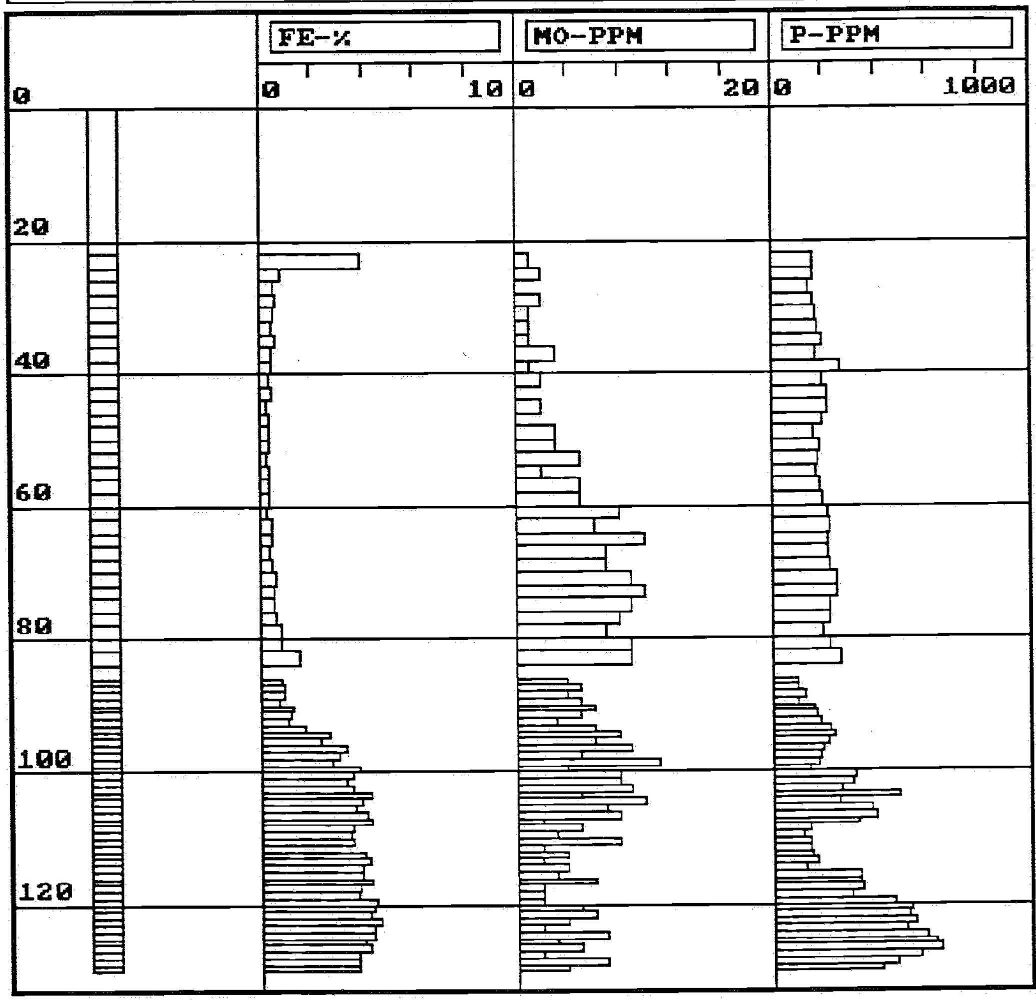
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 20:06
GRAPHIC LOG DISPLAY



MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

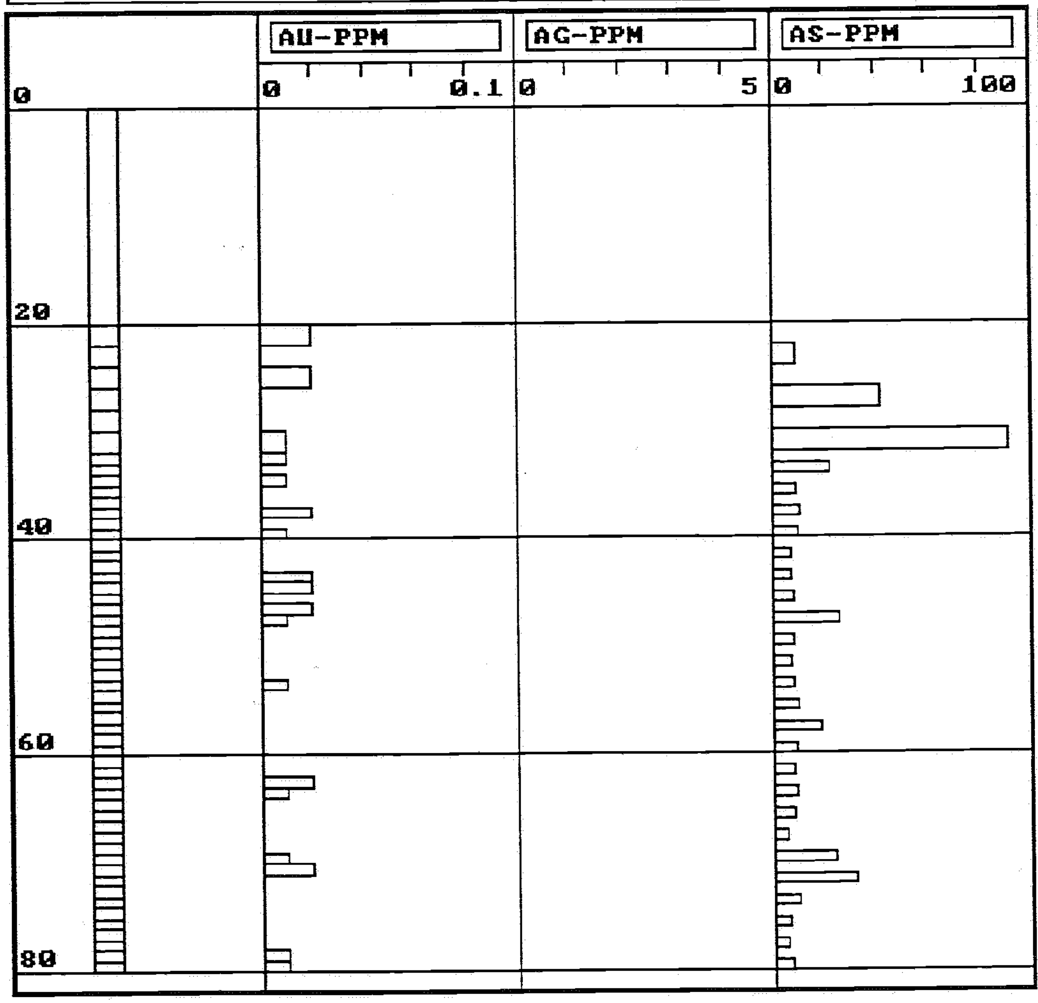
Mon Feb 24 20:09
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-4

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

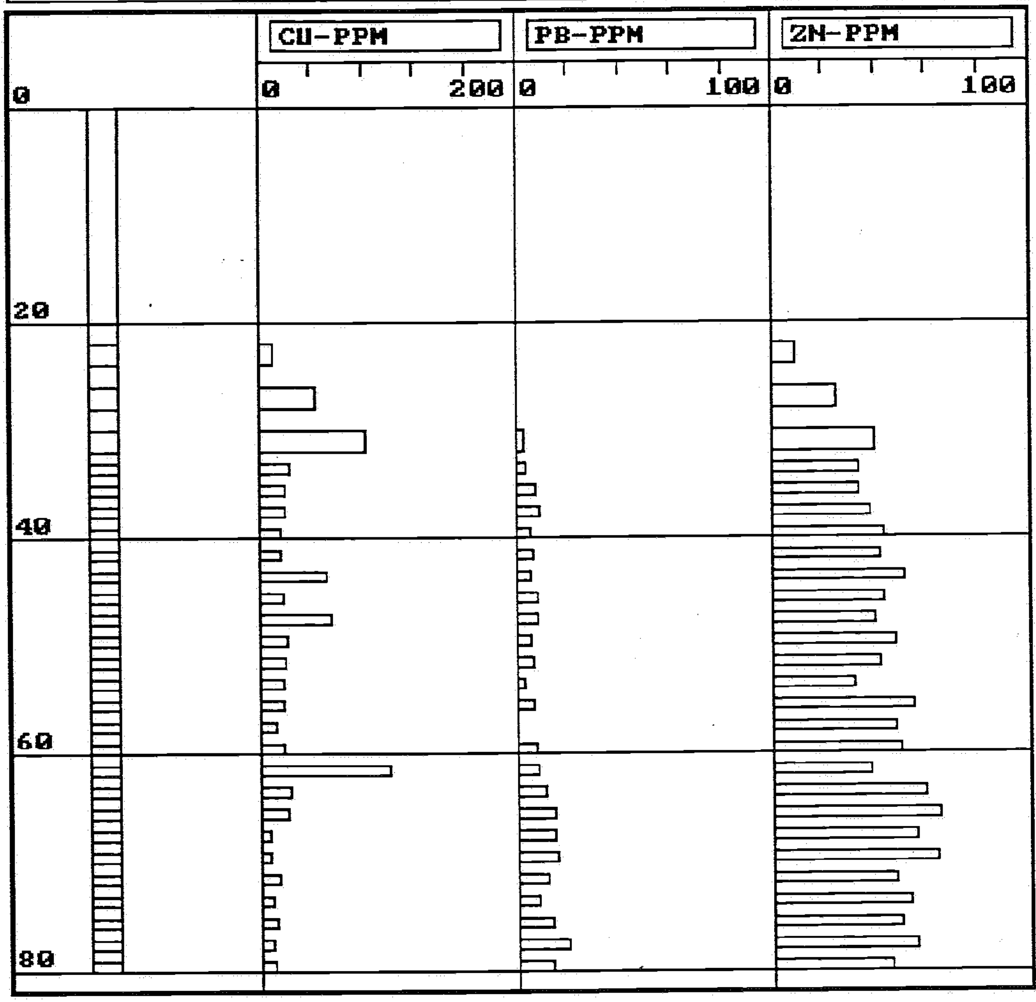
Mon Feb 24 20:12
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-5

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 20:14
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-5

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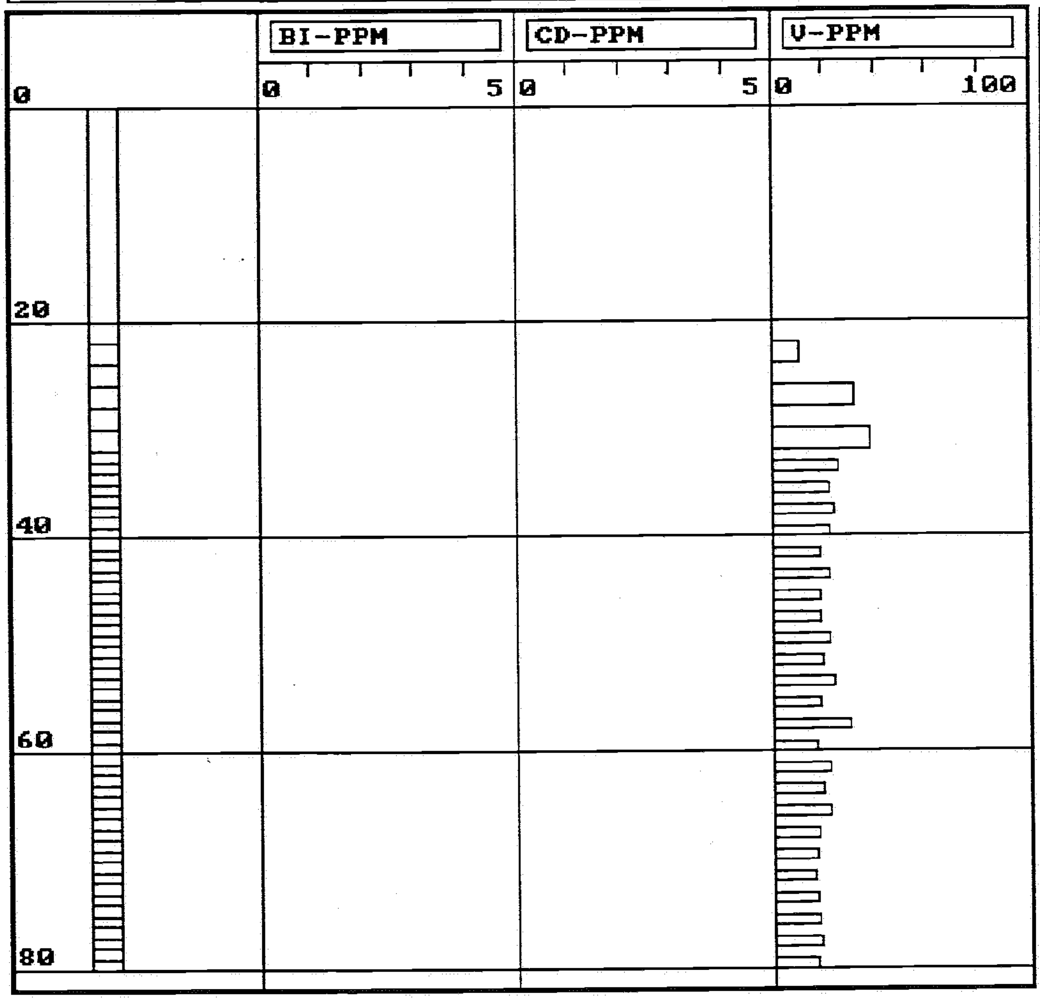

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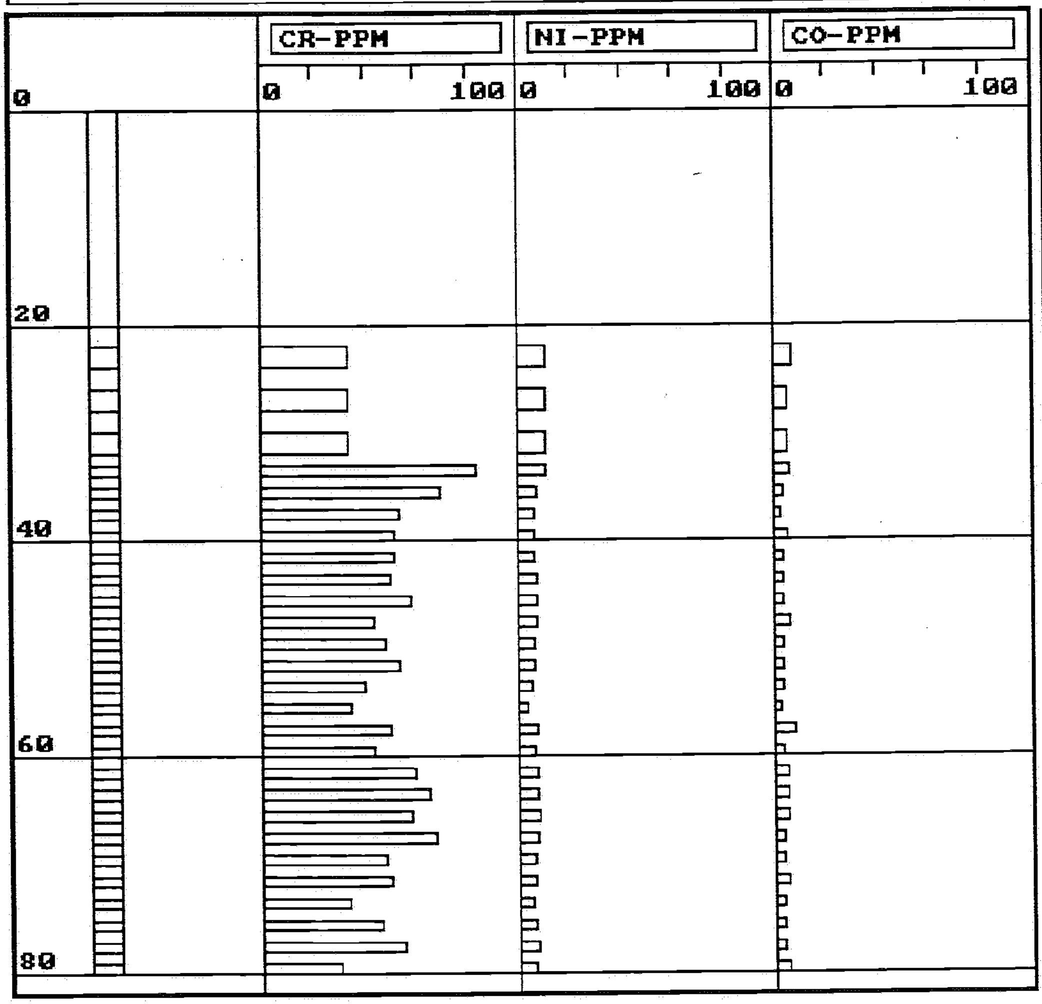

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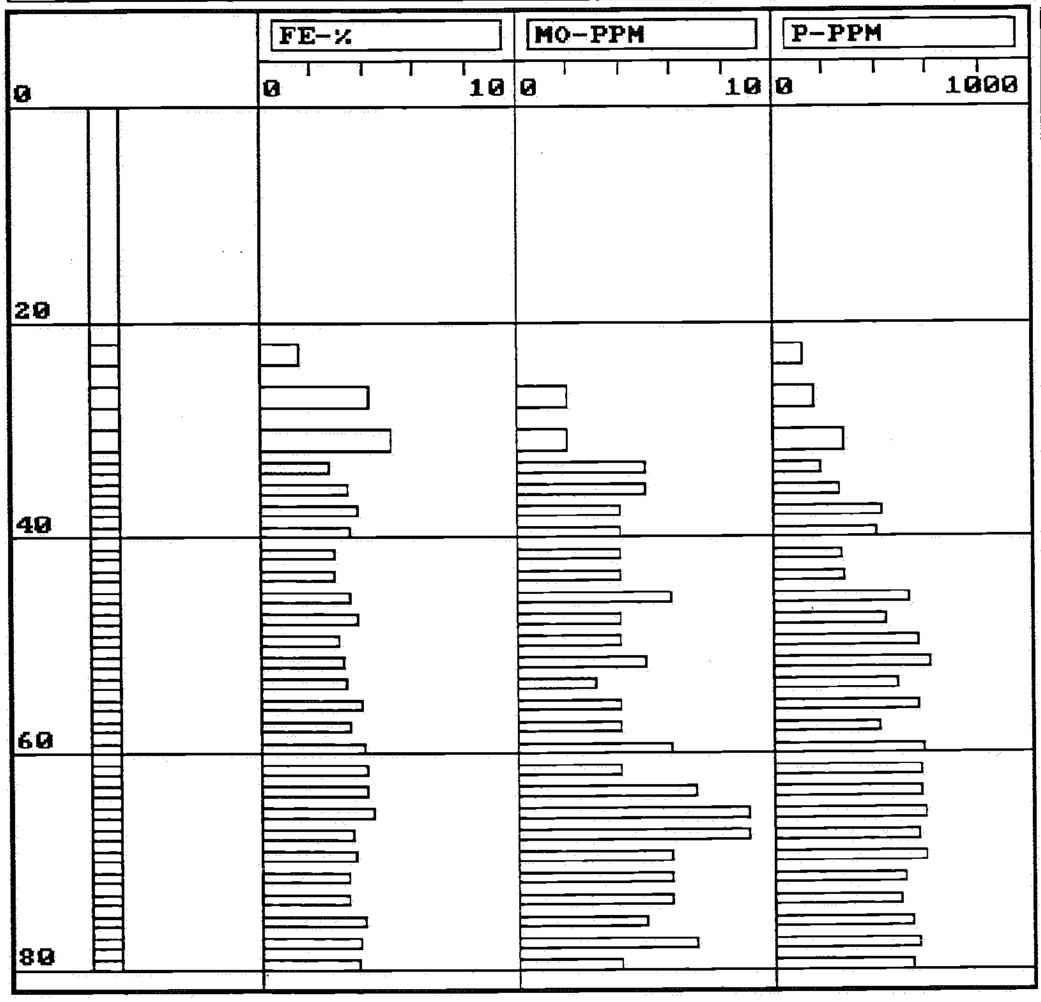

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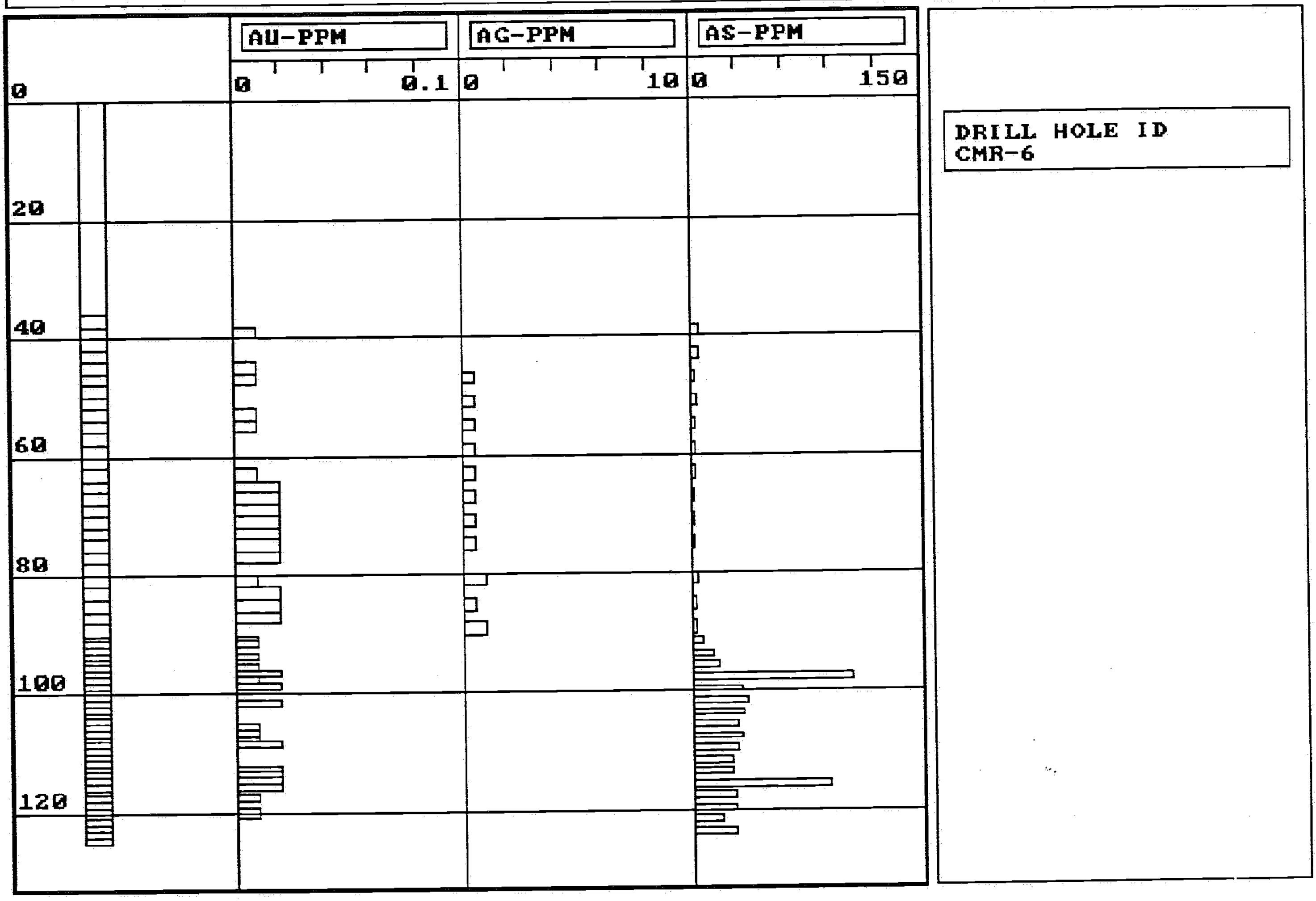

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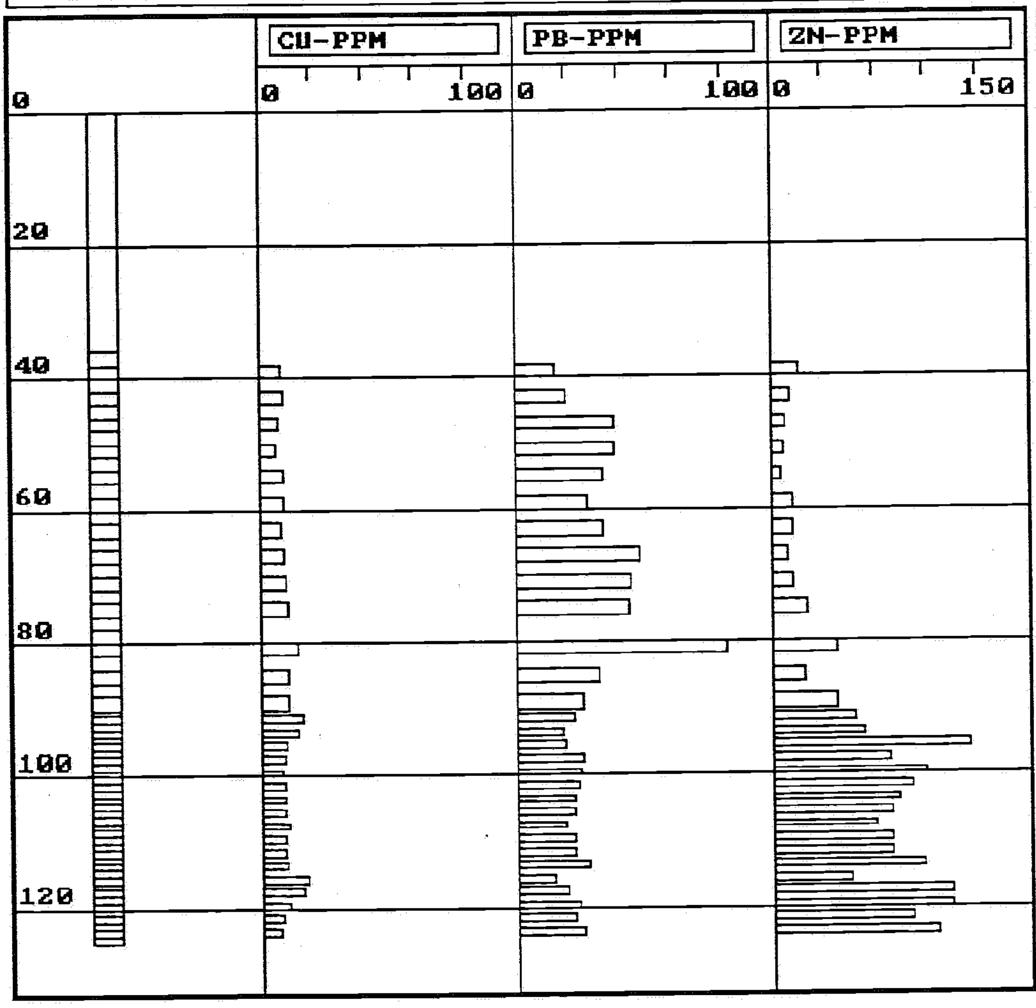

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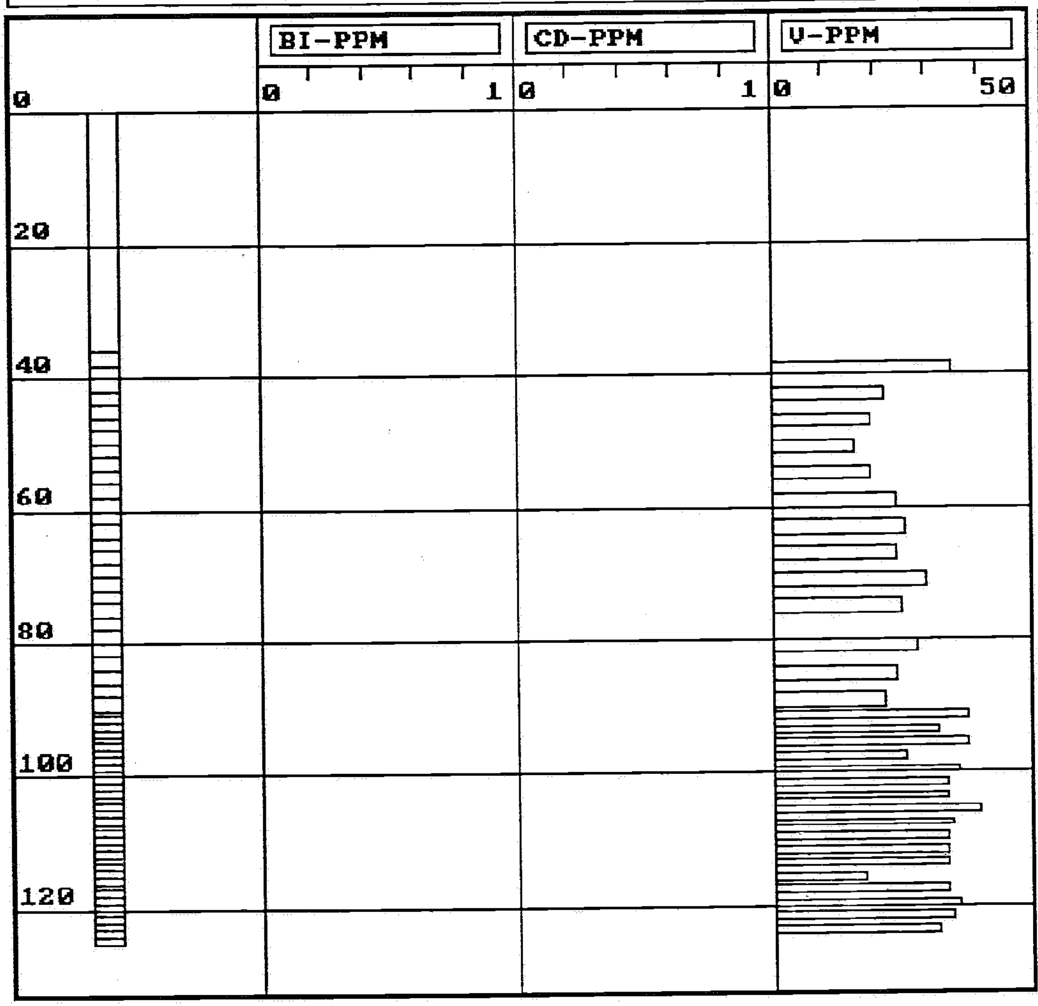

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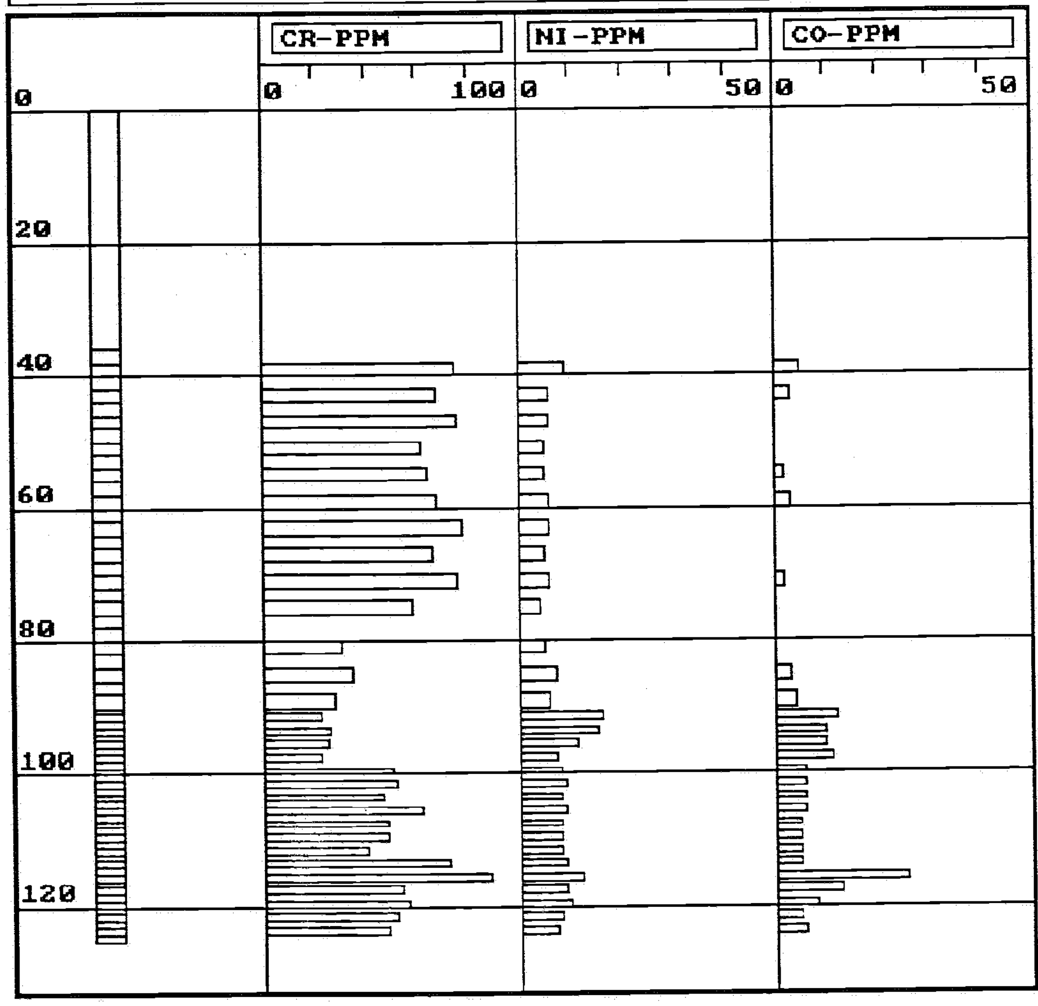

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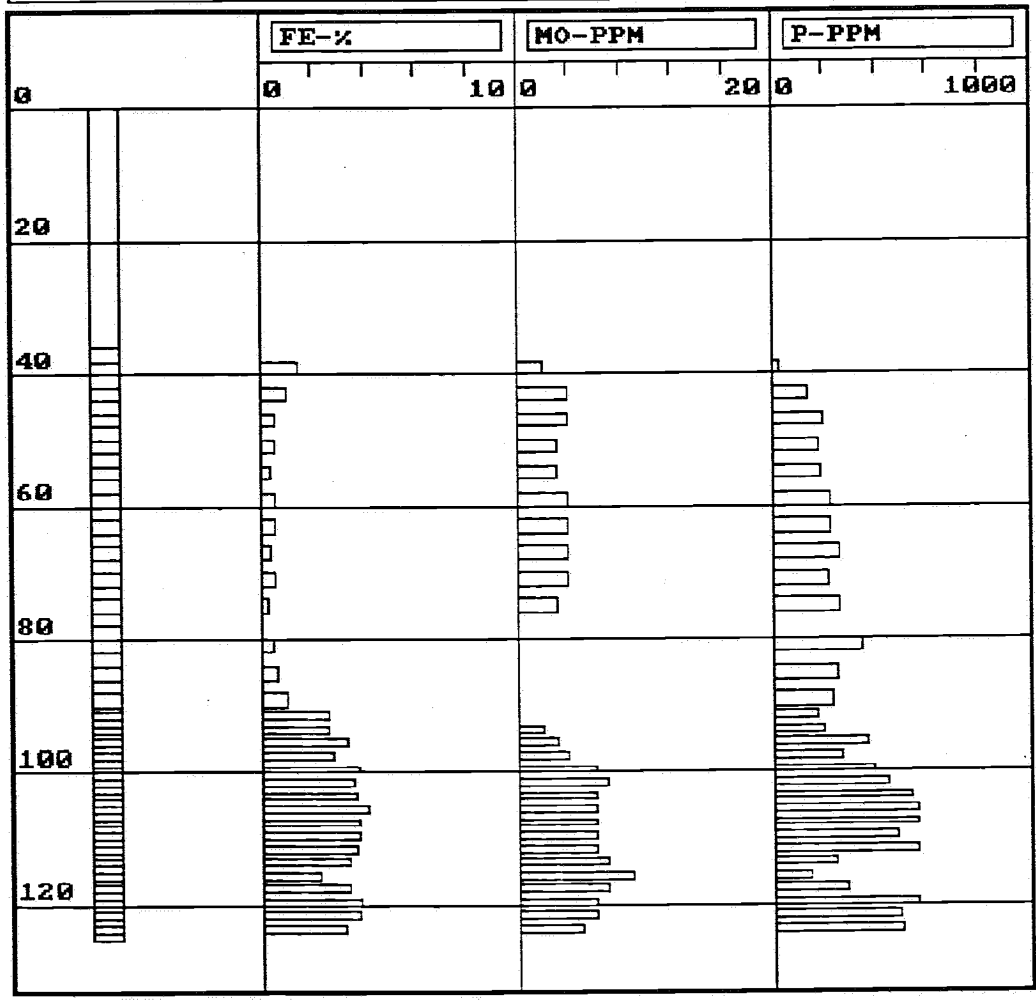


DRILL HOLE ID
CMR-6

Newcrest Mining Limited
A.C.N. 005 683 625
Level 2 John Oxley Centre (South) 339 Coronation Drive Milton Queensland 4064
P.O. Box 1367 Milton Queensland 4064
Telephone 07·858 0858 Fax 07·369 7143

4 September 1992

The Director-General
Department of Mines & Energy
191 Greenhill Road
PARKSIDE SA 5063

Dear Sir,

RE: EXPLORATION LICENCE 1684 CURNAMONA, COMBINED SIXTH & SEVENTH QUARTERLY REPORTS FOR THE PERIOD 31 JANUARY TO 31 JULY 1992

INTRODUCTION

Newmont Australia Limited made application for an Exploration Licence over 861 sq km north of Olary, SA on 10 July 1990. This application was granted as EL 1684 for a period of one year with a commencement date of 31 October 1990. Subsequently, Newmont Australia Limited merged with BHP Gold Limited and changed names to Newcrest Mining Limited.

Applications submitted during September/October 1991 to extend tenure on the northern half of the tenement while relinquishing the southern half were granted late in 1991. The current tenement status is outlined in Figure 1.

EXPLORATION STATUS

Scout drill testing of a NE trending linear belt of geophysical anomalies located within the northeastern portion of the tenement (completed in December 1991) intersected elevated base metal, silver, arsenic and bismuth values associated with altered mafic to intermediate volcanics overlying a large, deep-seated (+400m vertical depth) magnetic feature. Drill testing of shallower magnetic features intersected massive, unaltered felsic intrusives with no associated base metal or gold anomalism.

.../2

Drilling commitments elsewhere within South Australia over the period April-May 1992 resulted in no follow-up exploration work being completed on EL 1684.

Results from the 1991 drilling indicate potential for shallowly buried, base metal rich/gold depleted mineralisation, so a decision was made to continue exploration in Joint Venture with an experienced base metal oriented partner. To date, one company has expressed interest in the tenement, but no agreements on further exploration work have been made.

Total expenditure for the period was 31 January to 31 July 1992 was $7,168, a breakdown of which is given in Table 1.

Table 1.

EXPLORATION LICENCE 1684 CURNAMONA

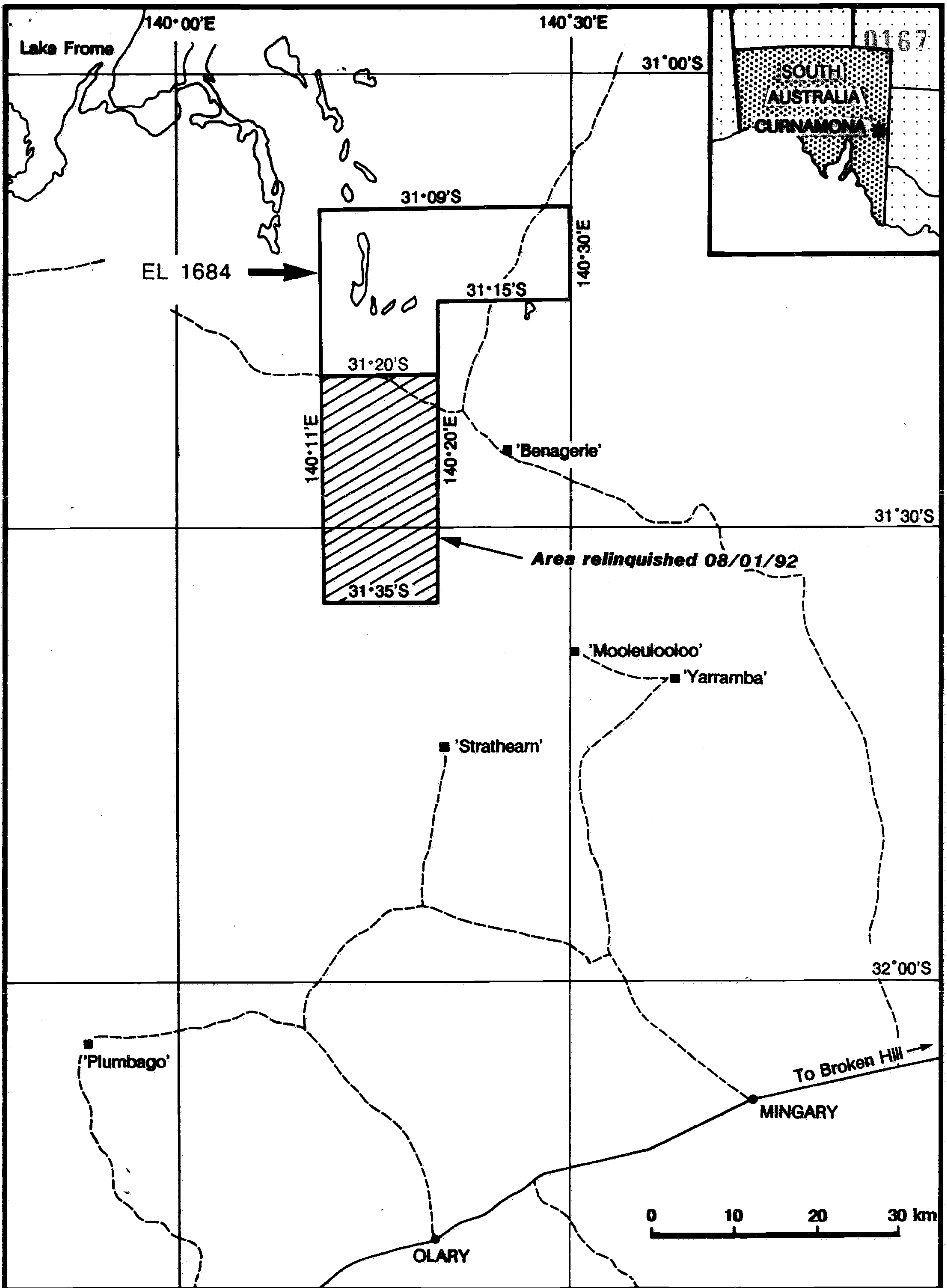
Expenditure Statement for the Period 31 January to 31 July 1992

EXPENDITURE TYPE	$ (Sixth Quart)	$ (Seventh Quart)
Salaries	3,564	703
Office Rentals & Rates	234	100
Motor Vehicles	53	
Supplies	31	
Exploration Office	1,260	1,096
Field Living	27	
Administration		100
Total	**$5,169**	**$1,999**

Yours faithfully,

GDMcE

GRANT McEWEN
Senior Geologist



NORTH	Newmont Australia Limited			
	COMPILED	RPL	SCALE	1:600,000
	DRAWN	MFC	DRAWING No.	SO39-1
	DATE	March 1992	FIGURE No.	1

EL 1684 - CURNAMONA

LOCATION MAP

S039-6

NEWCREST MINING LIMITED

Exploration Licence 1684
Curnamona
Final Report for Period to
30 October 1992

Grant D. McEwen
BRISBANE

November 1992

Distribution:

Newcrest Mining Limited, Brisbane (1)
Newcrest Mining Limited, Melbourne (1)
S.A. Department of Mines and Energy (1)

TABLE OF CONTENTS

SUMMARY

Exploration Licence 1684 Curnamona was granted to Newmont Australia Limited on 31 October 1991, for a term of one year.

Subsequently, Newmont Australia Limited merged with BHP Gold Mines to form the company Newcrest Mining Limited.

Applications to extend tenure of the northern half of the tenement for a further year and relinquish the southern half of the tenement were submitted in September and October 1991 respectively.

Scout drill testing of geophysical targets located within the northeastern portion of the tenement delineated a linear belt of buried intrusives located within mafic to intermediate volcanics of Proterozoic age. Elevated base metal, silver, arsenic and bismuth values occur within altered volcanics overlying a magnetic feature interpreted as being a deep seated intermediate/felsic intrusive.

No significant gold results were returned from the drilling programme.

The restricted nature of the base metal mineralisation/alteration within the volcanics and discouraging gold results significantly downgraded the prospectivity of this tenement and the tenure was allowed to lapse on 30 October 1992.

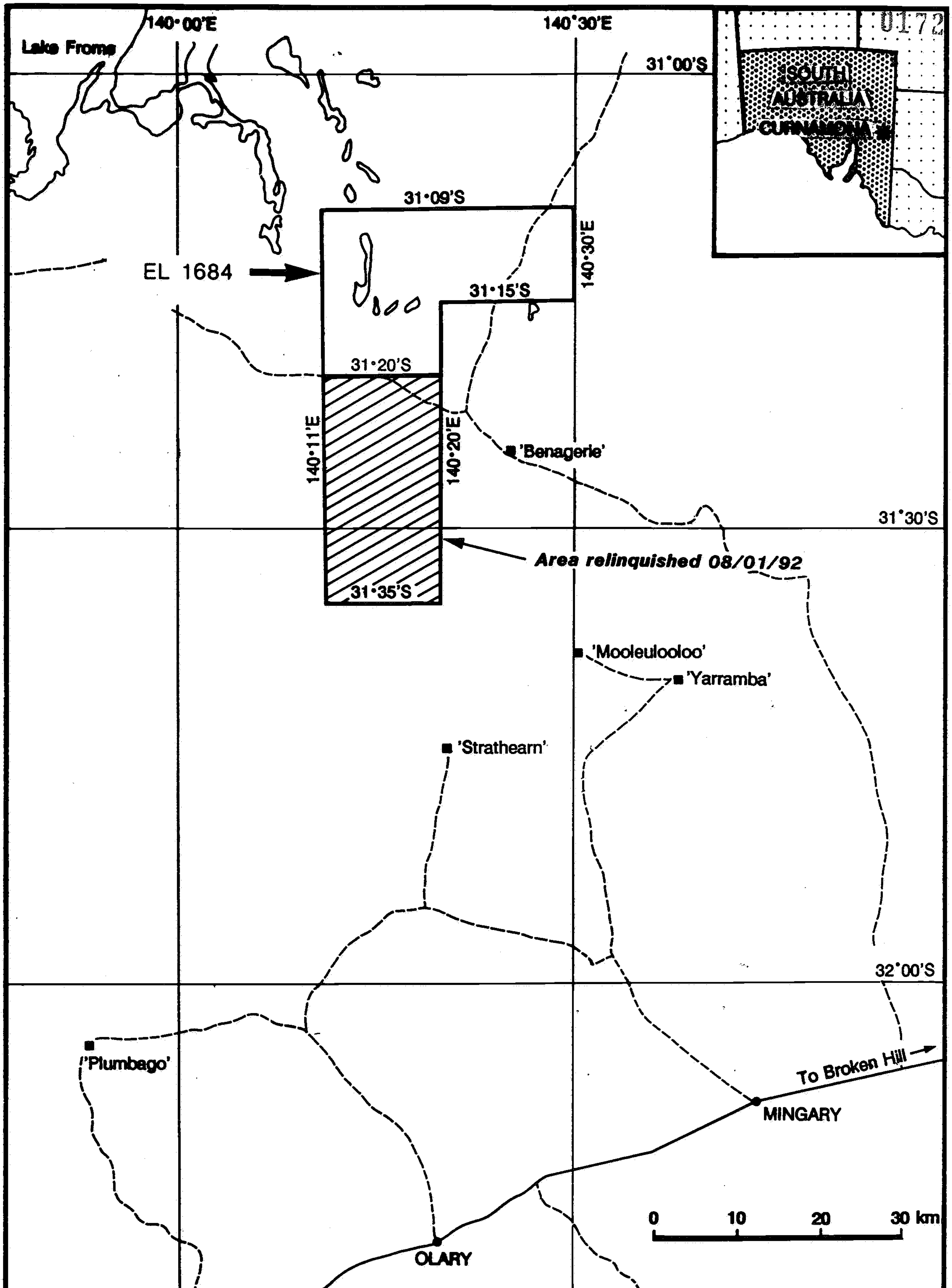
1. INTRODUCTION

Newmont Australia Limited made application for an Exploration Licence over 861 sq km north of Olary, S.A. on 10 July 1990. This application was granted as EL 1684 for a period of one year with a commencement date of 31 October 1990. Subsequently, Newmont Australia Limited merged with BHP Gold Limited and changed names to Newcrest Mining Limited.

Application for an extension of tenure for a further year to 31 October 1992, along with a request for partial relinquishment were submitted on 17 September and 24 October 1991 respectively. Following Mines Department approval for the partial relinquishment, tenement status stood as shown in Figure 1.

Newcrest's prime exploration target within EL 1684 was base metal-gold mineralisation associated with intrusive rocks. As the prospective Proterozoic basement is completely covered by Phanerozoic rocks, exploration was largely dependent upon geophysical and drilling information, combined with geological-geophysical modelling.

This report summarises all exploration activities completed by Newcrest on EL 1684 during the life of the tenement, from 31 October 1990 to 30 October 1992. Full details of all work programs carried out have been submitted to the S.A. Department of Mines and Energy as Quarterly Reports, numbered 1 through 7.



NORTH	**Newmont Australia Limited**		
	COMPILED RPL	SCALE 1:600,000	
	DRAWN MFC	DRAWING No. SO39-1	
	DATE March 1992	FIGURE No. 1	

EL 1684 - CURNAMONA

LOCATION MAP

2. EXPLORATION COMPLETED

2.1 Land Tenure

Maloney Field Services were contracted by Newcrest (then Newmont Australia Limited) to conduct an ownership search of the properties situated wholly or partly within EL 1684. The boundaries of properties which fall within this category are shown in Figure 2.

2.2 Previous Exploration

Examination of S.A.D.M.E. open-file records shows that a significant amount of exploration during the 1970's was directed towards locating sedimentary uranium mineralisation in palaeochannels of the Frome Embayment. Drilling programs conducted in close proximity to EL 1684 were completed by:

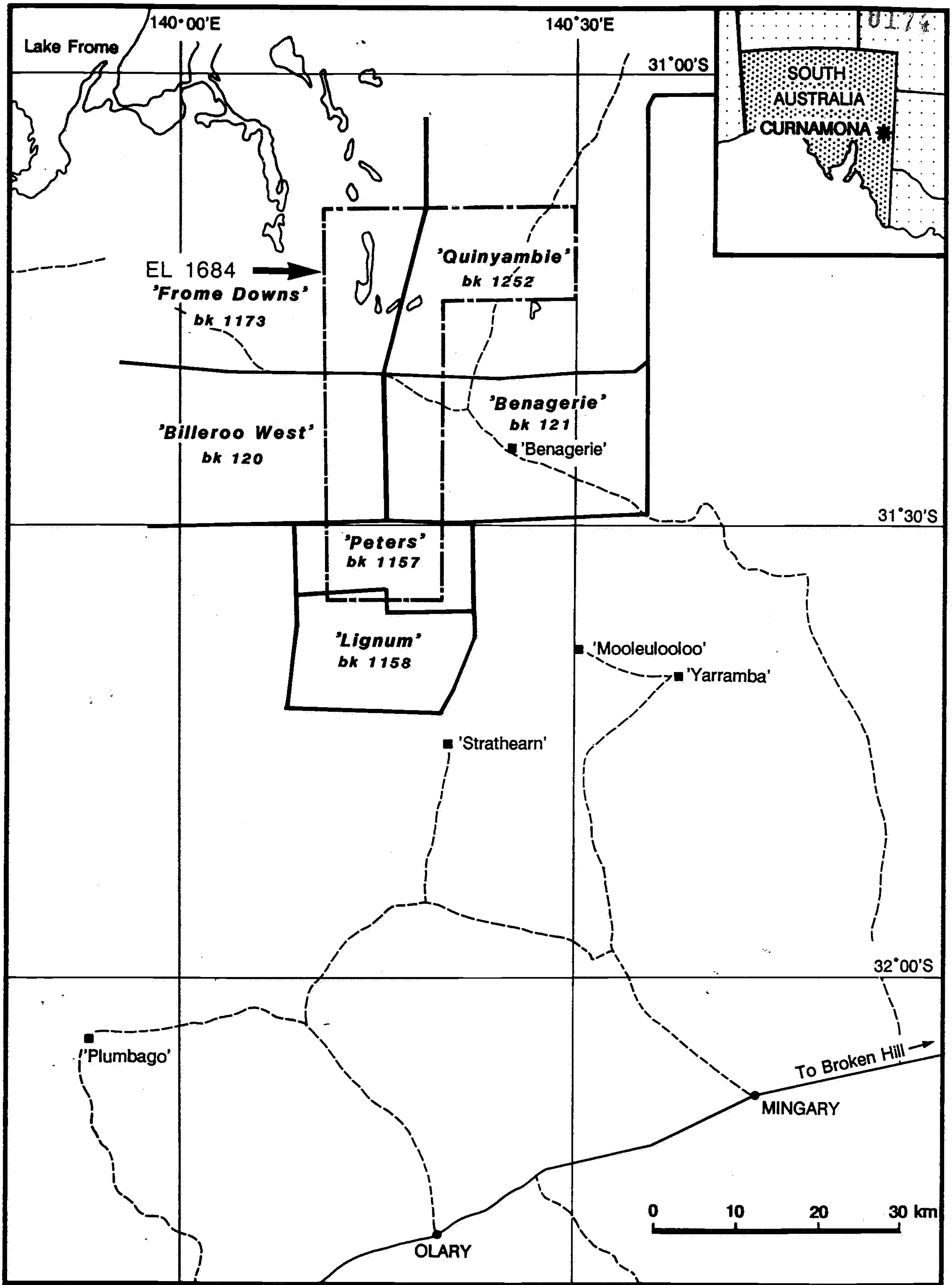
Sedimentary Uranium NL (1970-72)
Mines Administration (1973)
Tricentrol (1973, 1974)
Mines Administration/Teton (1975)
Marathon Petroleum Aust Ltd (1980-82)

More recent exploration has focussed on the base and precious metal potential of the Middle Proterozoic basement meta-sediments and volcanics. Marathon-Pan Aust-Biliton (1982-88) have returned highly anomalous Zn, (Pb) values from ?meta-evaporitic rocks and Cu-(Mo) mineralisation from breccia zones associated with the 'Benagerie Ridge' located immediately west of EL 1684.

2.3 Geology

Compilation of previous drilling data in the vicinity of EL 1684 indicates more shallowly buried Middle Proterozoic basement to occur in the north eastern portion of the tenement. Depth to basement here is interpreted to be in the 50 to 100 m range.

Aeromagnetic survey data (S.A.D.M.E., 1977 and 1978) strongly indicates the presence of a major NE-SW trending tectonic zone which passes through the north eastern portion of the tenement, as well as lesser N-S and NW-SE trending structures. Magnetic features aligned within the main NE-SW trending corridor are believed to represent shallowly buried intrusives, within meta-volcanics and low grade meta-sedimentary sequences of probable Middle Proterozoic age (Figure 3).

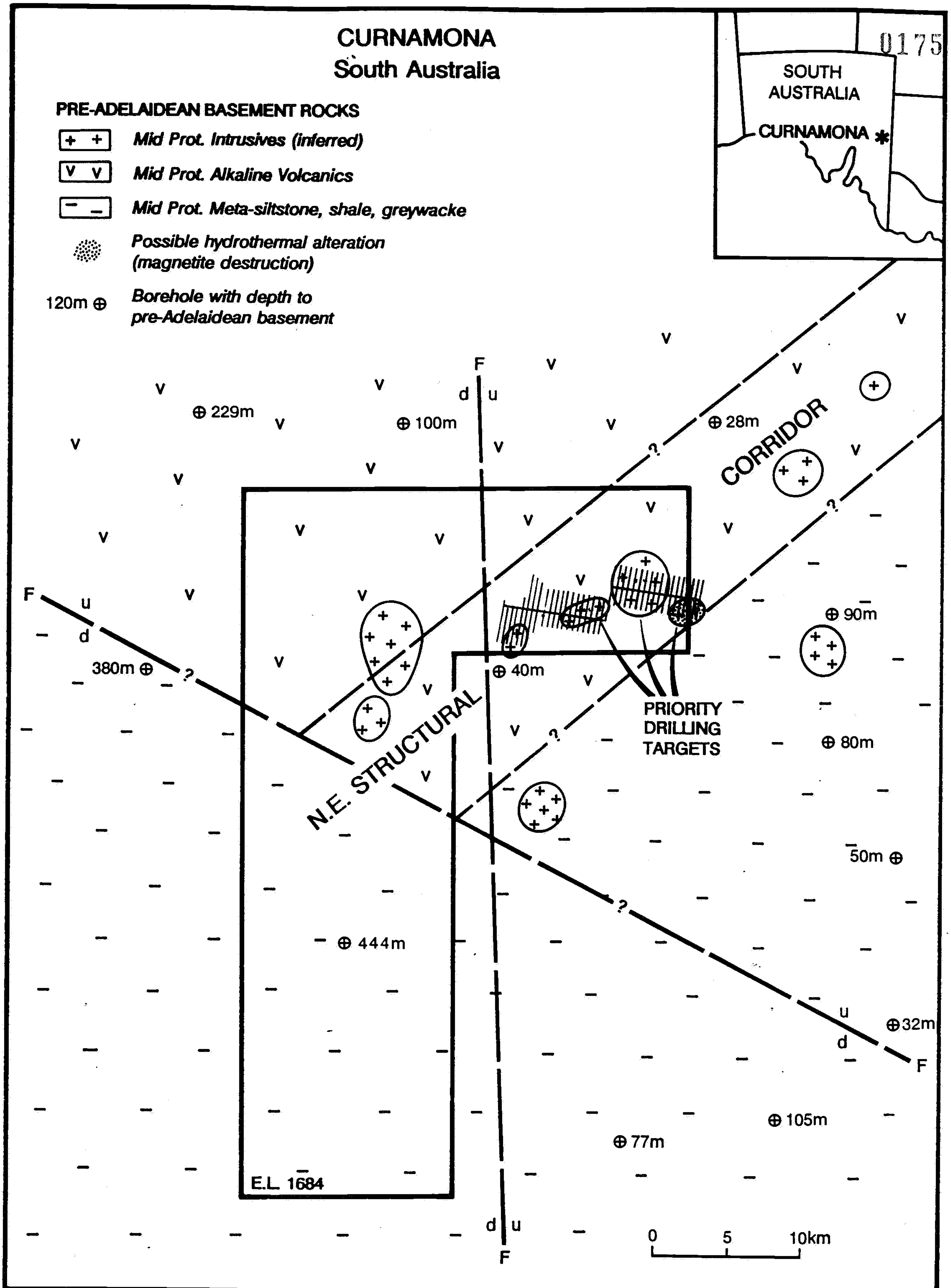


Newmont Australia Limited

COMPILED	RPL	SCALE	1:600,000
DRAWN	MFC	DRAWING No.	SO39-2
DATE	JULY, 1990	FIGURE No.	2

EL 1684 - CURNAMONA

LAND OWNERSHIP



NORTH	NEWCREST MINING LIMITED				E.L. 1684 CURNAMONA GEOLOGY
	COMPILED	RPL	SCALE	as shown	
	DRAWN	BS	DRAWING No.	S039-5	
	DATE	2/10/91	FIGURE No.	3	

2.4 Geophysics

Approximately 100 line kilometres of tape and compass gridding was completed within the north eastern portion of the tenement. The grid covers an area 13 km long in an E-W direction and several kilometres in a N-S direction, over a number of magnetic features within the major NE-SW trending structural corridor (Figures 3 and 4).

Grid pegs were placed at 100 m intervals along 200 m spaced lines. End points of the stepped base line were positioned in latitude and longitude using a Magellan GPS Nav. 1000 Pro unit (Figure 5). This grid was used to provide the main survey control for ground magnetics and gravity survey work.

Ground Magnetics: The grid area was covered by a ground magnetics survey, with readings taken at 10 m intervals along 200 m spaced N-S lines.

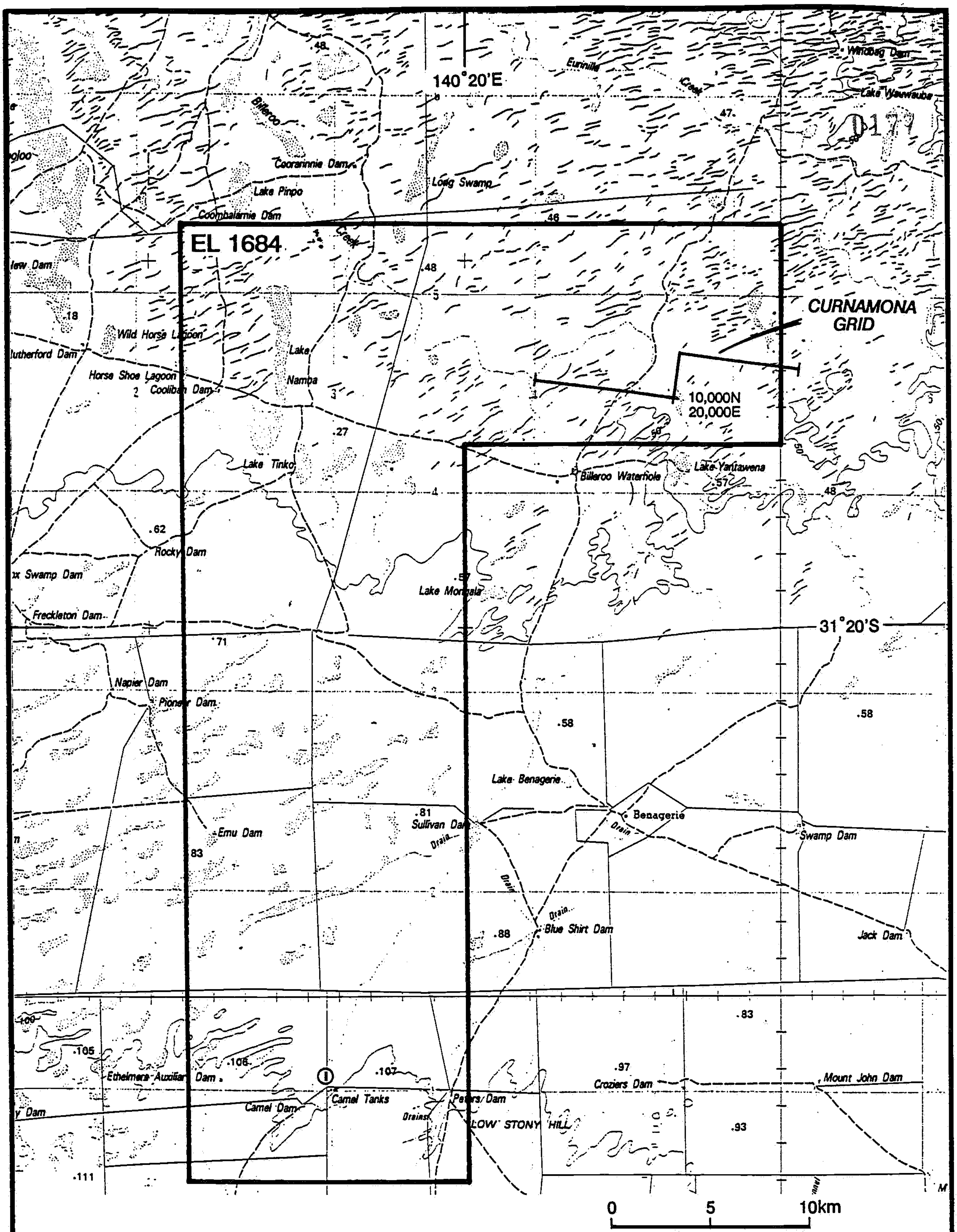
Instrumentation utilised were GEM, GSM 19 model, "Overhauser effect" memory magnetometers, with two instruments utilised in a roving configuration and a third for base station control. Contours of magnetic data have been presented in the Third Quarterly Report (1 May to 31 July 1991).

The survey was carried out to accurately define the locations of a series of magnetic "highs" which are aligned along the major NE-SW trending structural corridor. Five significant features were defined from this survey, two of which exhibit strong evidence of possible multiple intrusive events and hydrothermal alteration/magnetite destruction. The linear trend along which these features lie appears to have been offset to the south west by a N-S trending structure, with possible down-faulting of the western block.

Gravity: Gravity readings were collected at 100 m intervals along 200 m spaced N-S lines.

Instrumentation utilised comprised a LaCoste and Romberg "Model G" Land Gravity Meter. Elevation control was achieved using digital barometers manufactured by Newmont Exploration Limited of Denver, Colorado. Local Lands Department bench marks were also used for elevation control. Contours of the gravity data have been presented in the Third Quarterly Report (1 May to 31 July 1991).

Results from the gravity survey outline a consistent gravity gradient from NW to SE, with a prominent "high" located in the south eastern corner of the gridded area. This feature appears coincident with a large magnetic "low", as indicated from the ground magnetics survey.



Compiled from

1:250,000 Curnamona Sheet

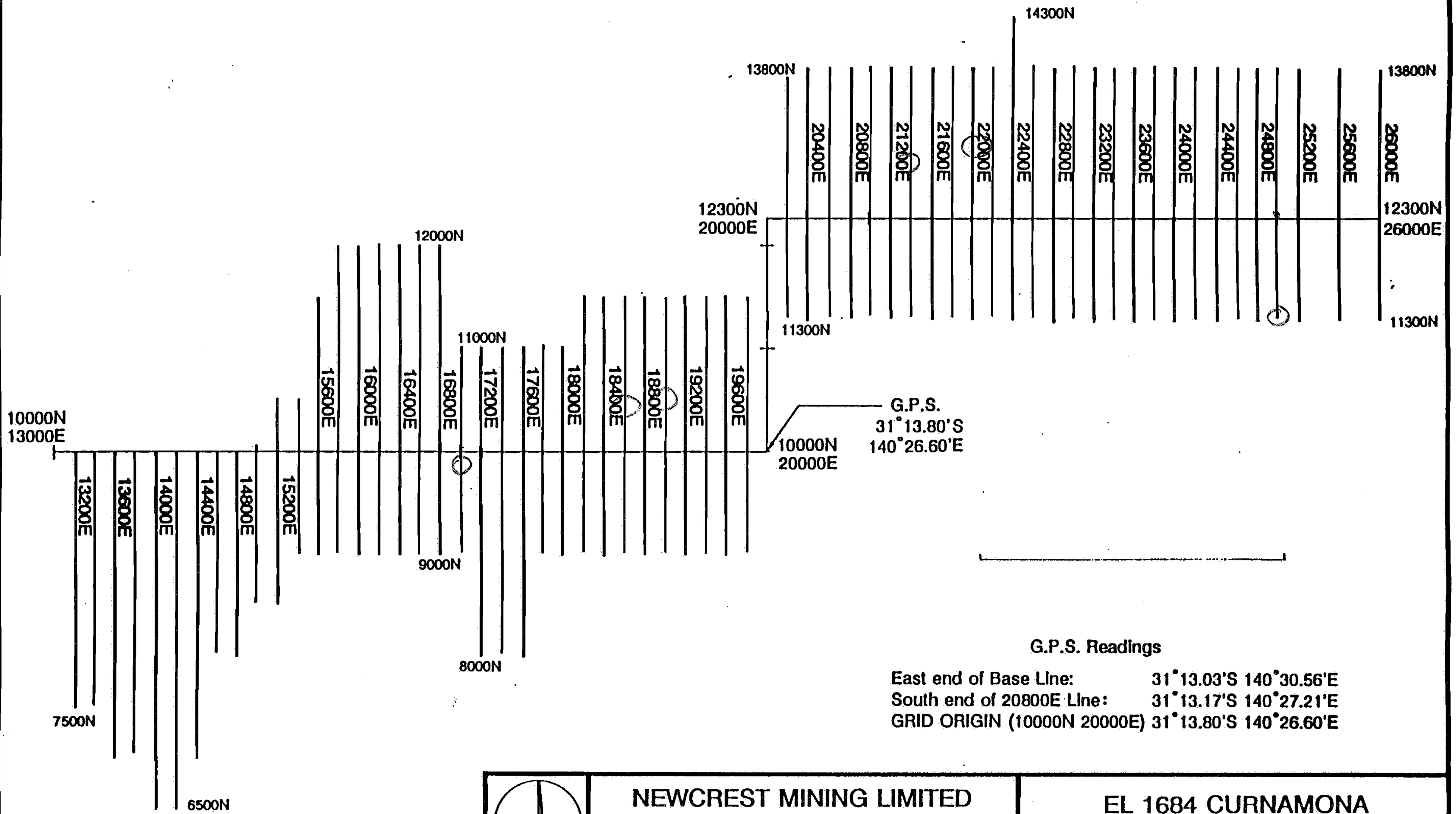
NORTH

NEWCREST MINING LIMITED

COMPILED	RPL	SCALE	1:250,000
DRAWN	BS	DRAWING No.	S039-2
DATE	May 1991	FIGURE No.	4

EL 1684 CURNAMONA

GRID LOCATION



G.P.S. Readings

East end of Base Line:	31°13.03'S 140°30.56'E
South end of 20800E Line:	31°13.17'S 140°27.21'E
GRID ORIGIN (10000N 20000E)	31°13.80'S 140°26.60'E

NORTH

NEWCREST MINING LIMITED			
COMPILED	RPL	SCALE	1:50,000
DRAWN	BS	DRAWING No.	S039-3
DATE	April 91	FIGURE No.	5

EL 1684 CURNAMONA

GRID DETAILS

0178

2.5 Drilling

Modelling of magnetic profiles across the five features outlined from the ground survey, indicates depths to the magnetic sources range from 50 to 400 m, as was generally interpreted from previous drilling data within the region.

Based on the results from the geophysical ground surveys, six targets were identified for first-pass scout drill testing. Three holes were planned to test the linear, NE trending series of magnetic features, interpreted as representing intrusive stocks that have been emplaced along a prominent crustal structure. A further two holes were targeted on zones of subdued magnetic response associated with these magnetic "highs" and interpreted as representing areas of hydrothermal alteration and magnetite destruction. A sixth hole was planned to test the coincident magnetic/gravity feature located in the south eastern corner of the grid area.

Drilling was completed by Frank Walsh Drilling, using a modified "Walsh" rig mounted on an 8 x 8 RFW truck. All six holes were completed for a total of seven hundred and fifty four metres (754 m) of Rotary Mud and Reverse Circulation hammer drilling. Drillhole locations are presented on Plan 3 (local grid) and Plan 4 (AMG coordinates).

Rotary Mud samples were collected at 2 m intervals while all Reverse Circulation samples were collected at 1 m intervals.

Four hundred and thirty eight (438) 5 kg samples were analysed for Au (Fire), Ag, As, Bi, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, P, Sb, V and Zn (ICP) by Classic Laboratories, Adelaide. Down-hole graphic logs of selected elements are presented in Appendix I. Sample ledgers and laboratory certificates of analysis have previously been presented in the Fifth Quarterly Report (31 October 1991 to 30 January 1992), as have the drill logs and sections.

All holes passed through a sequence of Quaternary aeolian sand and Tertiary(?) puggy clays before intersecting weathered bedrock. Average depth of this cover sequence was only 39 m for the programme.

Three holes (CMR-1A, 2 and 3) intersected mafic to intermediate volcanics beneath the cover sequence. Numerous narrow adamellite(?) dykes and minor quartz veining occur along brittle fractures within these volcanics, evidence that more substantial intrusive bodies may exist at depth.

Drillhole CMR-1A returned the most significant results for all holes completed, intersecting elevated Ag, As, Cu, Pb, Zn and Bi (to 17.5 ppm, 260 ppm, 1280 ppm, 460 ppm, 450 ppm and 165 ppm respectively). Mineralisation is related to several narrow zones of moderate to strong bleaching and pyritisation within massive basalt/andesite.

Two holes (CMR-4 and 5) intersected white kaolinitic clays overlying massive, fine grained quartz-rich adamellite(?). No evidence of alteration or mineralisation were observed in either hole.

The final hole (CMR-6), targeted on the coincident magnetic/gravity feature, intersected a thick sequence of quartz-rich kaolinitic clays which overly a massive, medium grained intrusive of granodioritic composition.

No significant Au results were returned from this drilling programme.

3. CONCLUSIONS

Drill-testing of geophysical targets within the Newcrest gridded area recorded the following results:

- Depth to Proterozoic basement averaged 39 m, as suggested by the current regional borehole database.

- The north easterly trending belt of magnetic "highs" were found to relate to a series of intermediate/felsic intrusives with adamellite compositions, that have intruded a thick mafic to intermediate volcanic pile.

- Areas of subdued magnetic relief lying adjacent to the margins of magnetic "highs" appear to be the result of deep weathering and clay cover, not the result of hydrothermal alteration.

- The coincident gravity/magnetic feature was found to relate to deep weathering of granodiorite located on the south eastern margin of the major north east trending structural corridor.

- No significant gold anomalism was located from the drilling programme.

- The only significant fresh bedrock anomalous base metal results were returned from hole CMR-1A, which intersected bleached and pyritised mafic/intermediate volcanics overlying the largest magnetic "high" within the Newcrest gridded area.

The lack of evidence from the drilling, of any moderate to large zones of hydrothermal alteration associated with the intrusive units, along with the discouraging gold assay results, has significantly downgraded the exploration potential of this area. Although elevated base metal results were returned from a single drillhole, alteration and mineralisation appeared restricted and was not deemed encouraging enough to pursue. Subsequently, the tenure on EL 1684 was allowed to lapse on 30 October 1992.

4. EXPENDITURE

Total expenditure incurred for the whole of life of EL 1684 Curnamona (31 October 1990 to 30 October 1992) was $189,668, apportioned as shown below:

Expenditure Type	$
Salaries and Wages	46,085
Employee Overheads	22,259
Assaying	13,000
Drilling	32,356
Geophysics	26,707
Supplies	13,405
Exploration Office	7,781
Rentals and Rates	1,321
Travel and Accommodation	6,473
Vehicles	3,527
Freight	791
Computer	113
Administration	10,565
Field Living	5,285
Total	**$189,668**

APPENDIX I

Drillhole Graphic Logs

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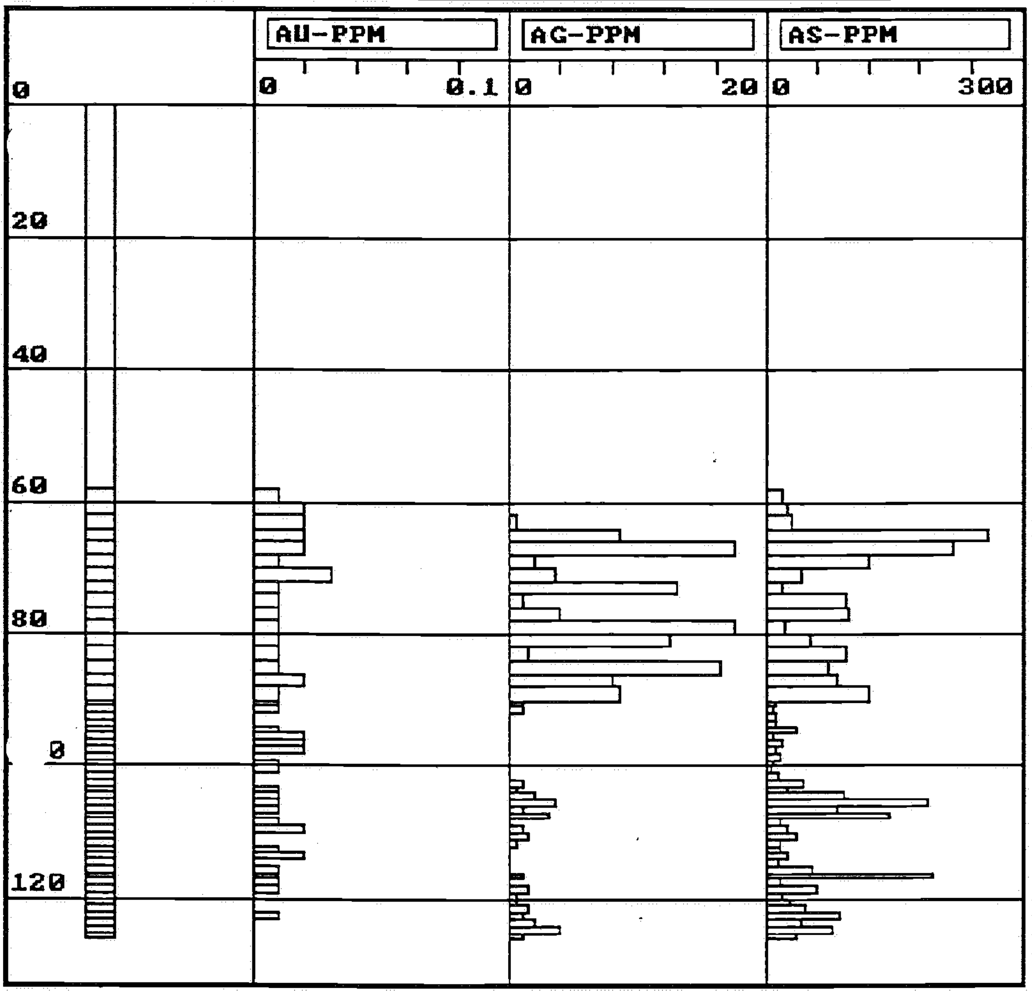

DRILL HOLE ID
CMR-1A

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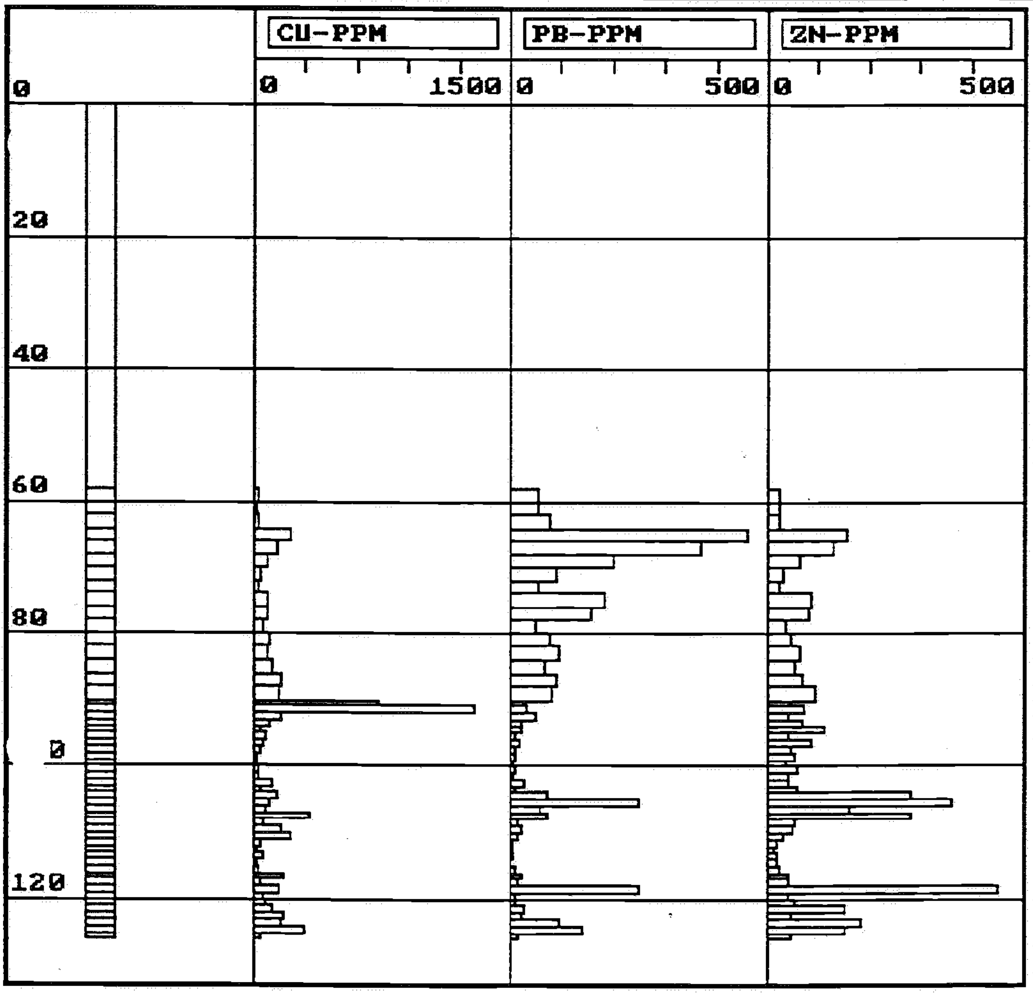

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CMR-1A

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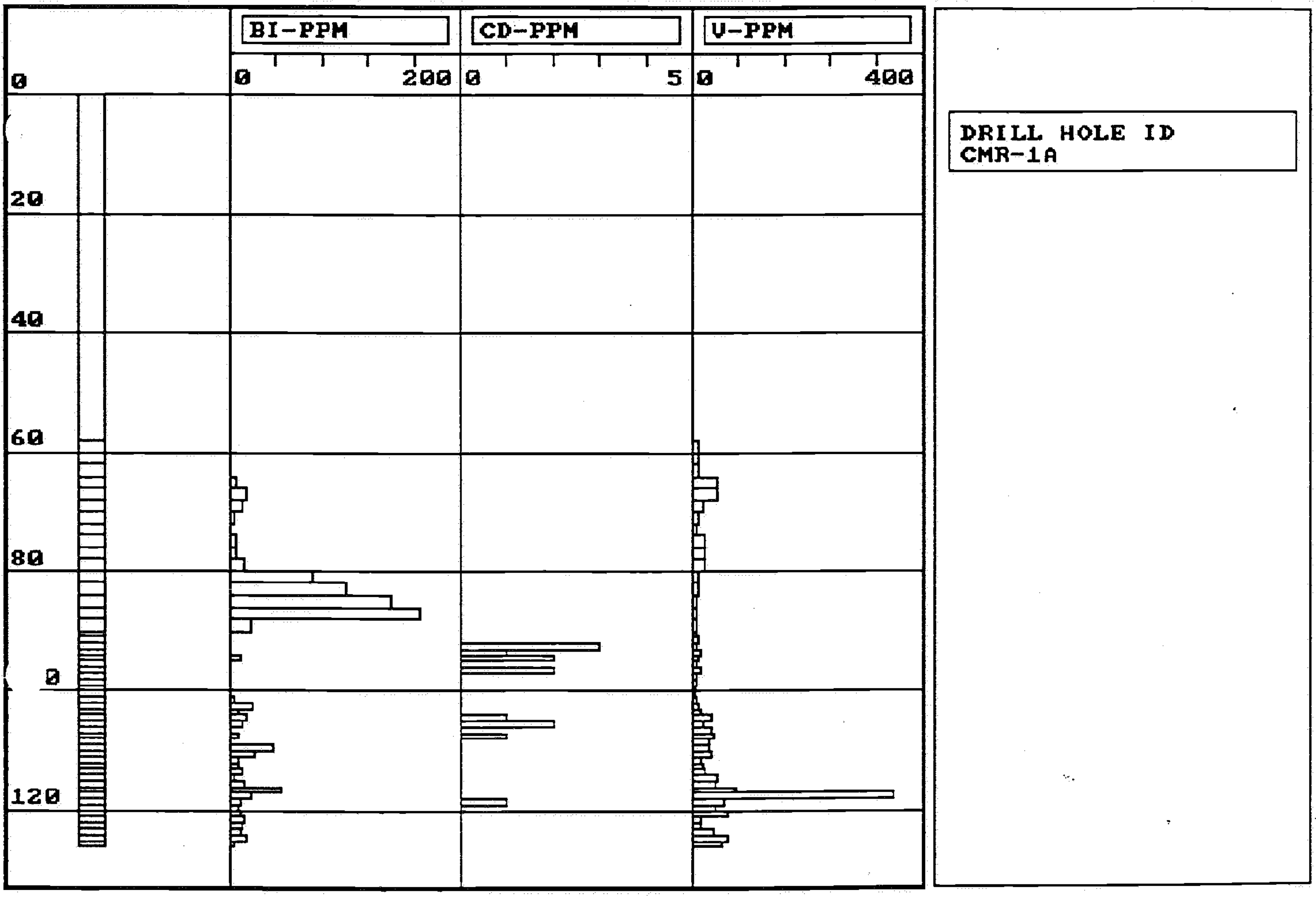

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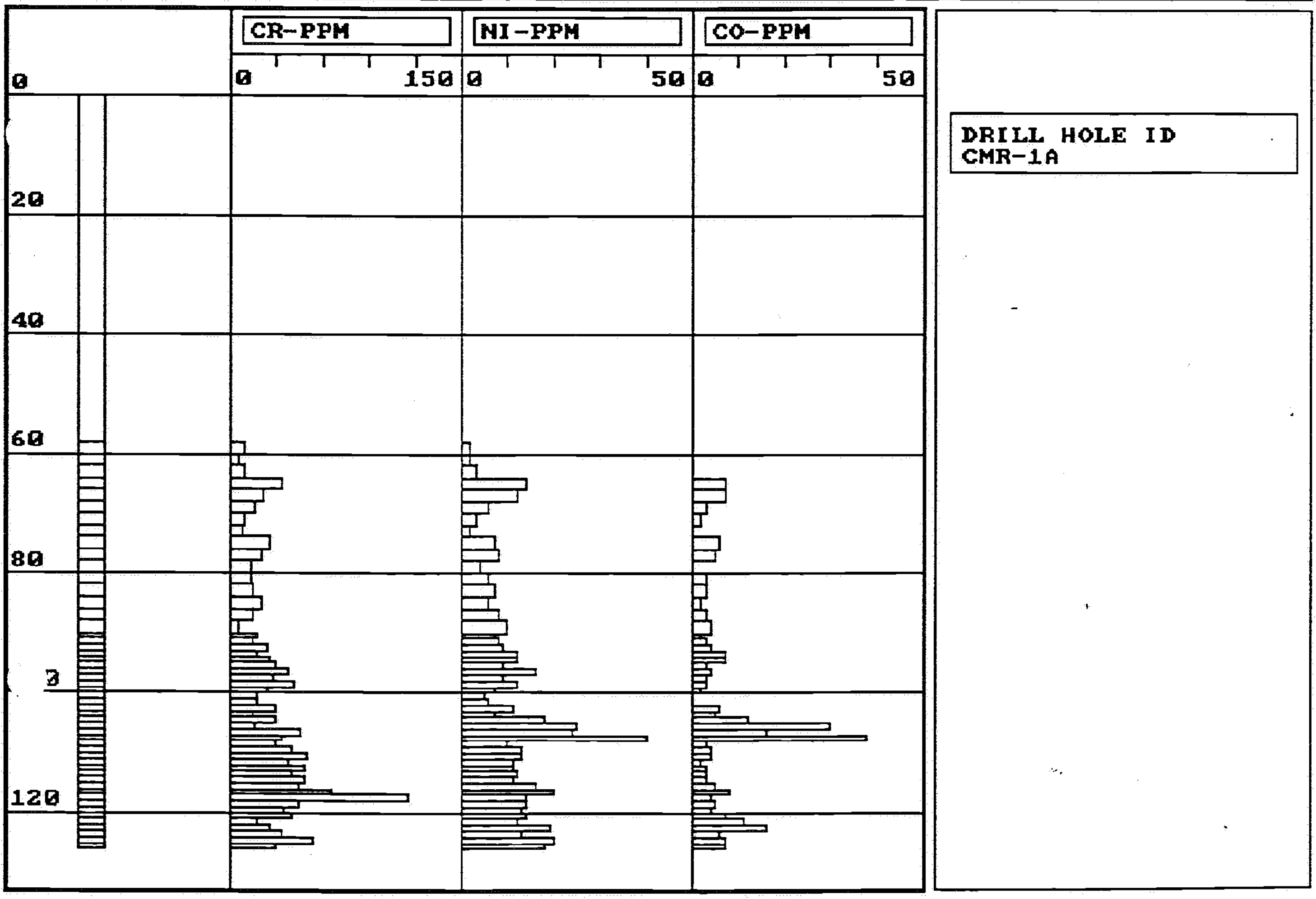

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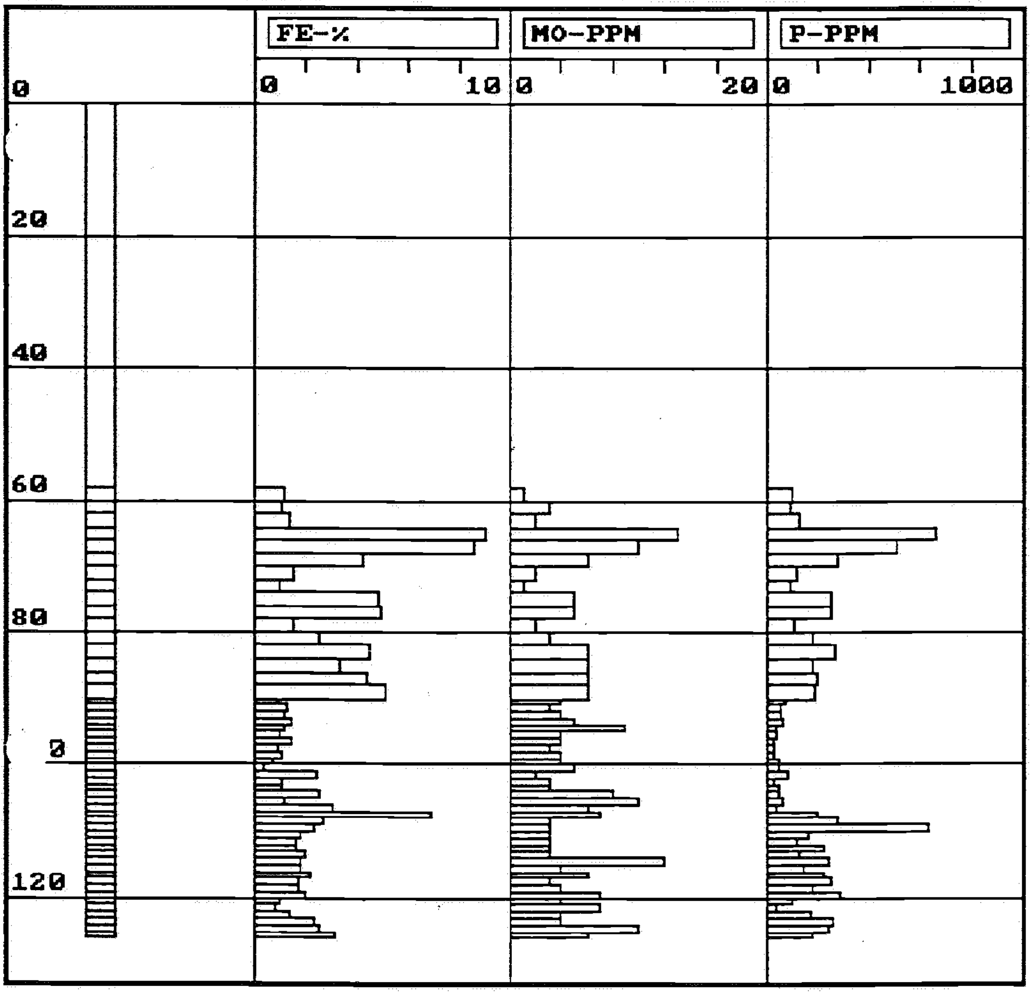

DRILL HOLE ID
CMR-1A

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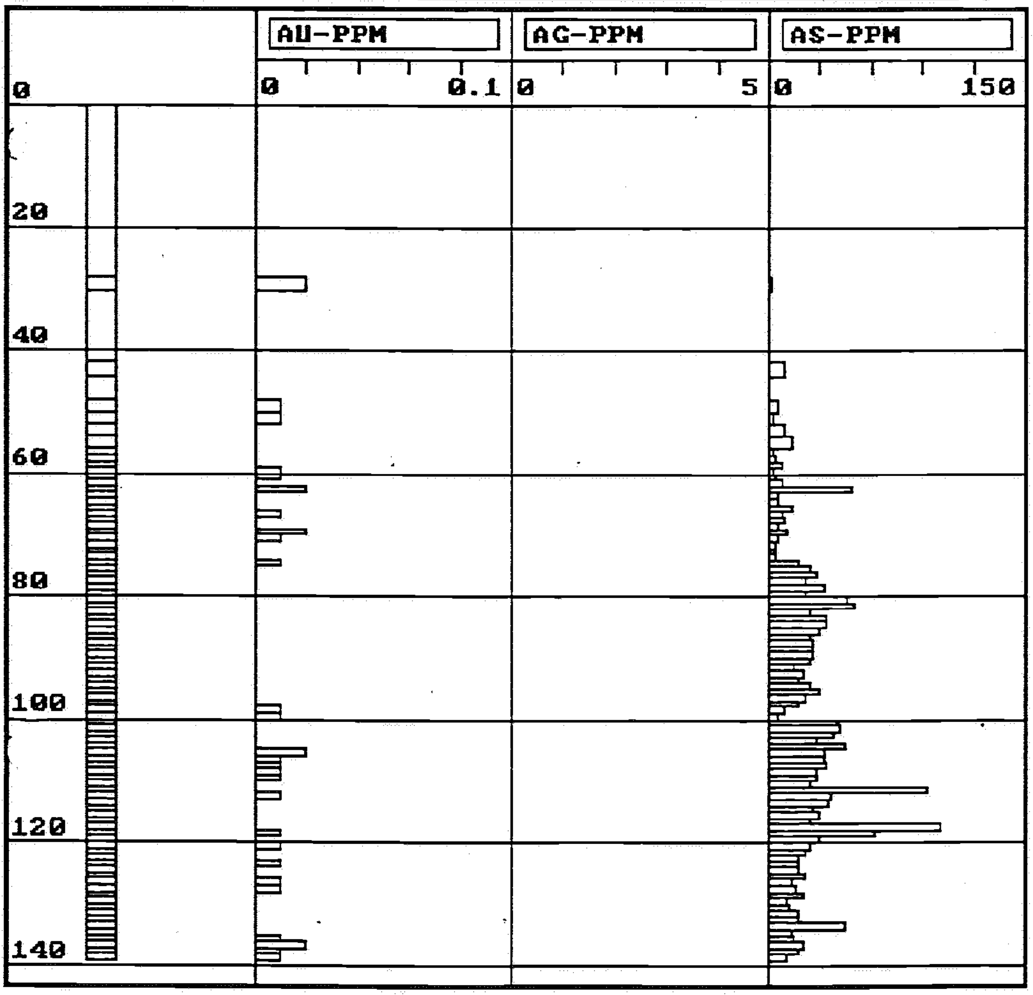

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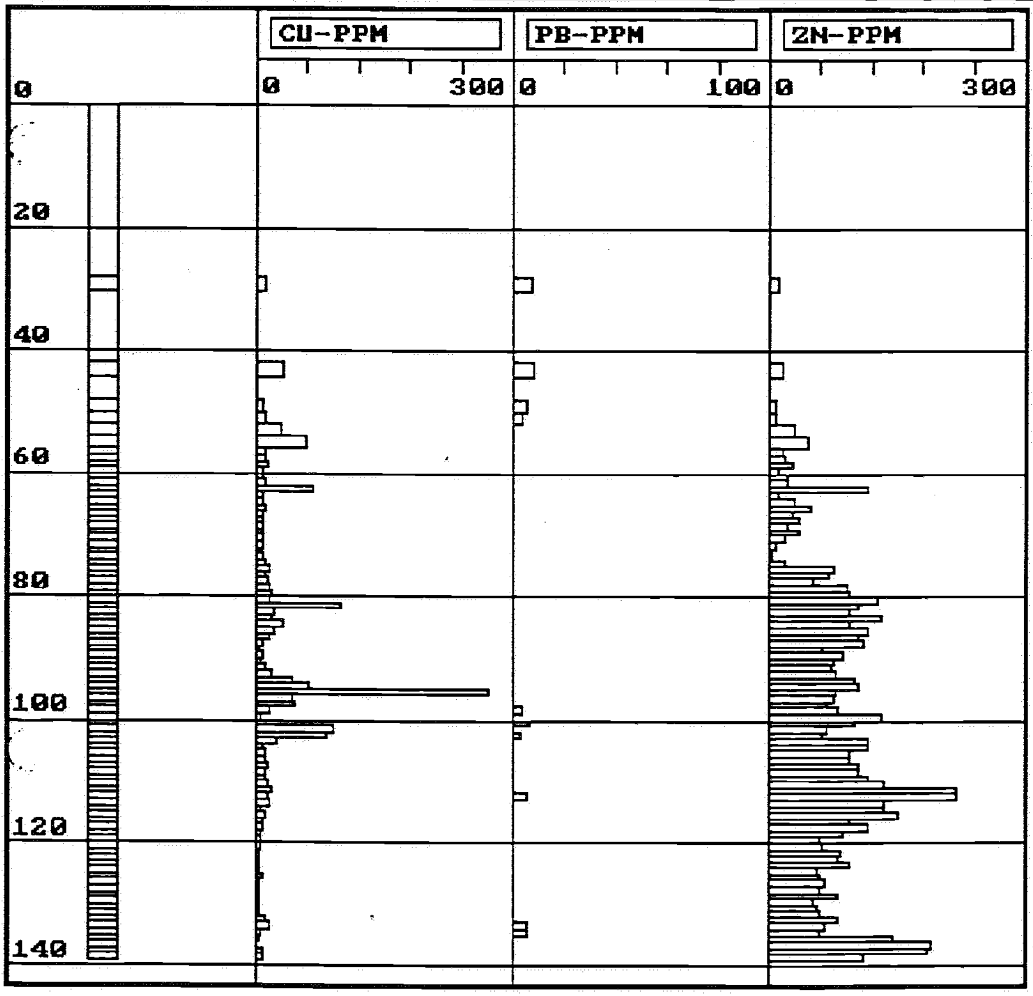

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CMR-2

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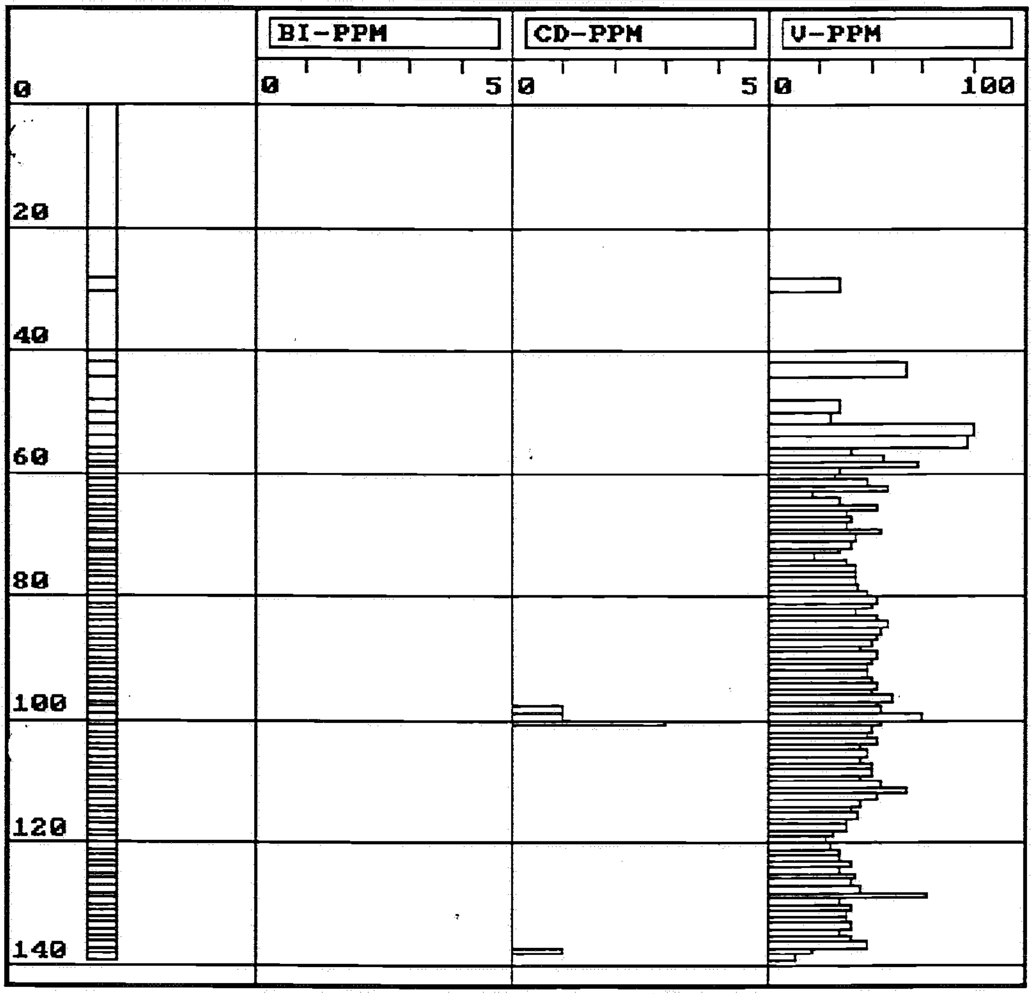

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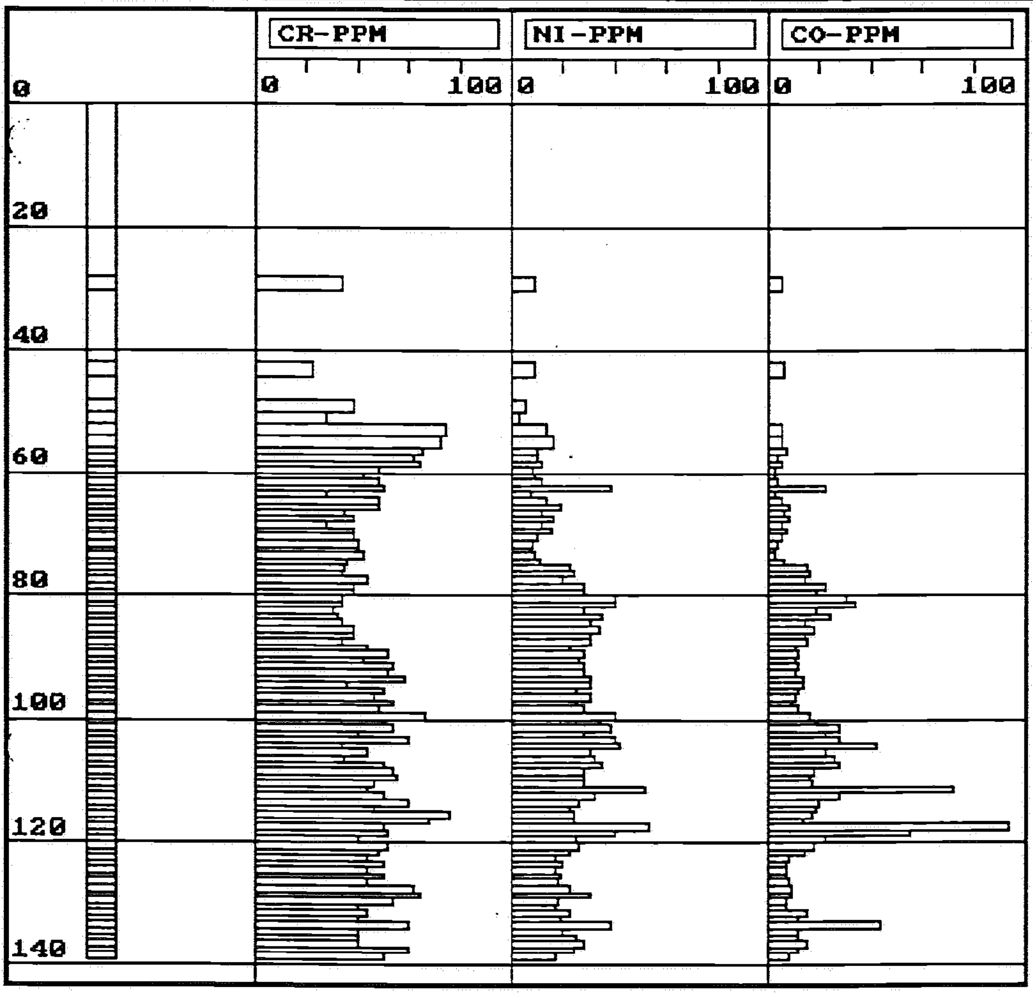

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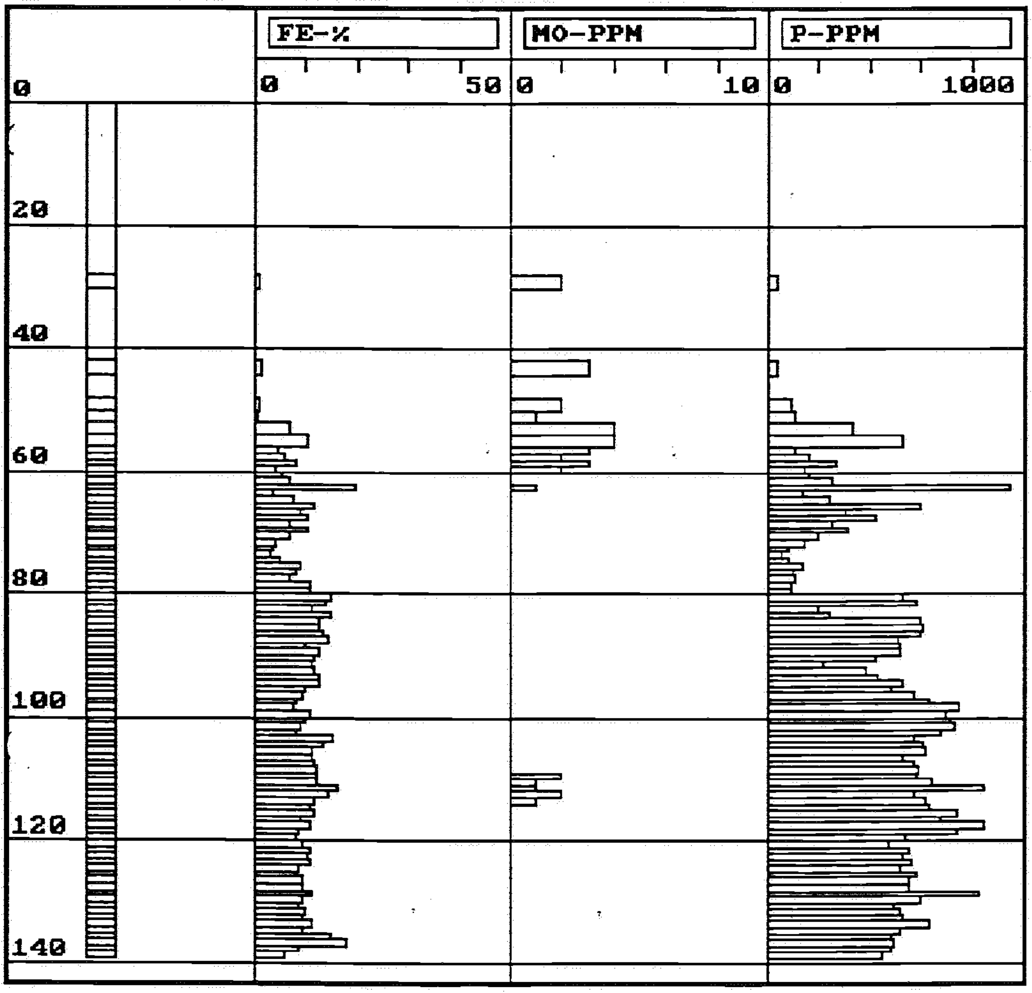

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CMR-2

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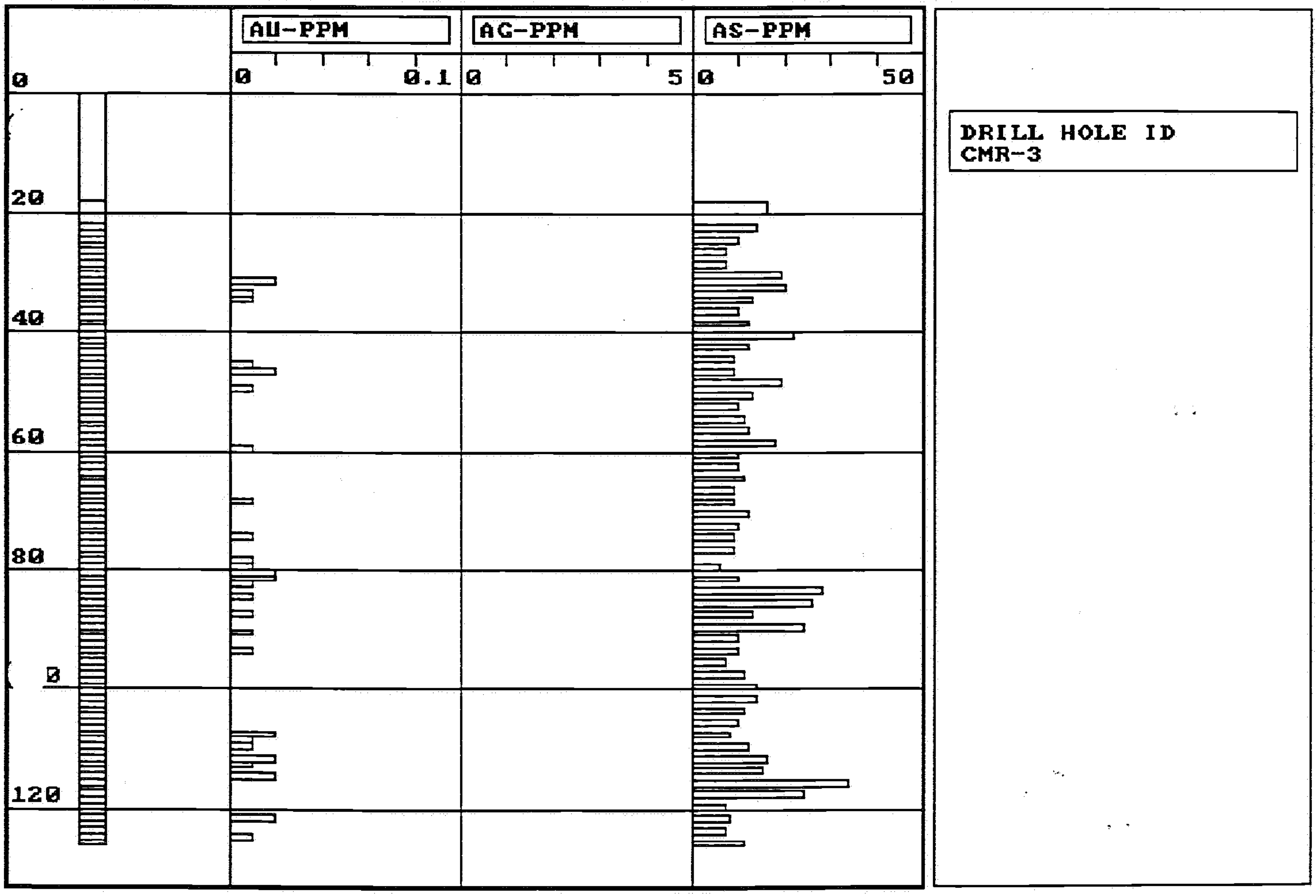

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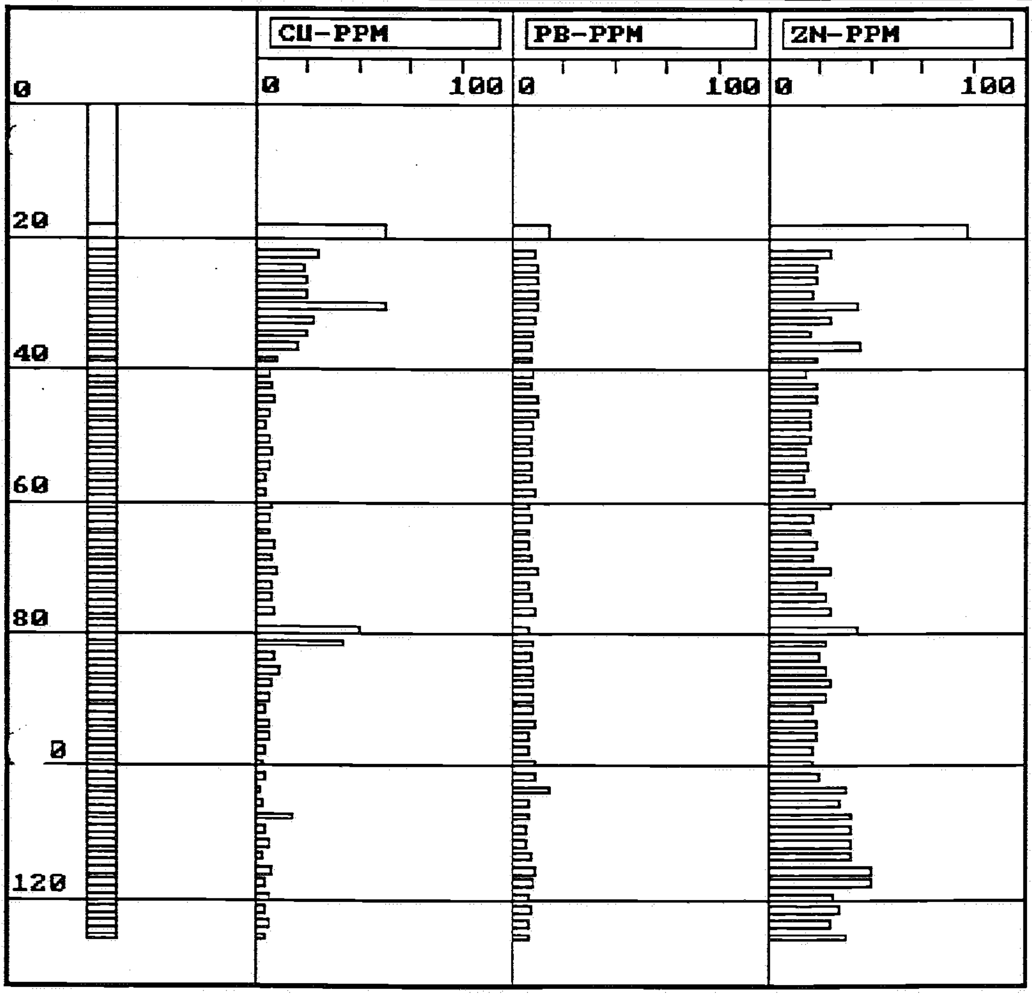
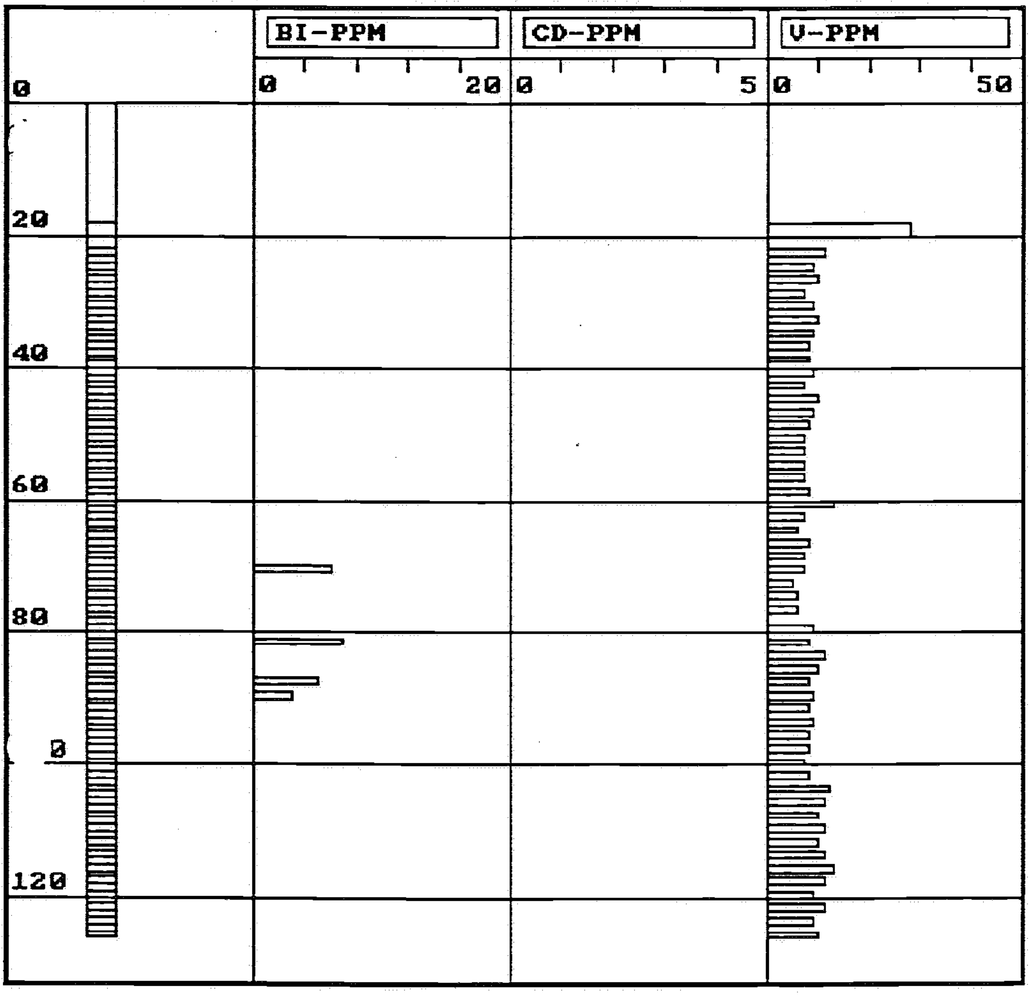
Mon Feb 24 18:50
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-3

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

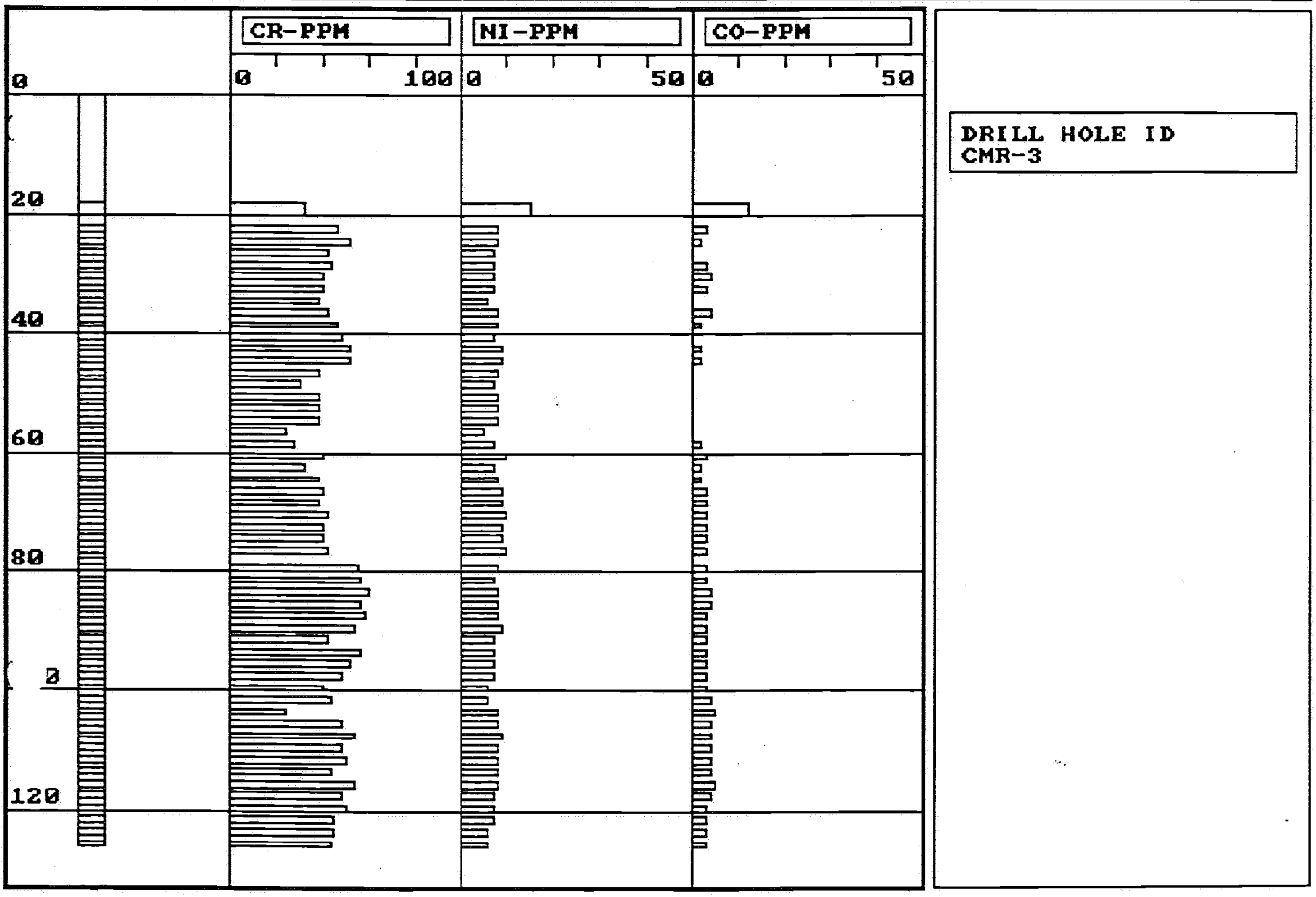
Mon Feb 24 18:53
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-3

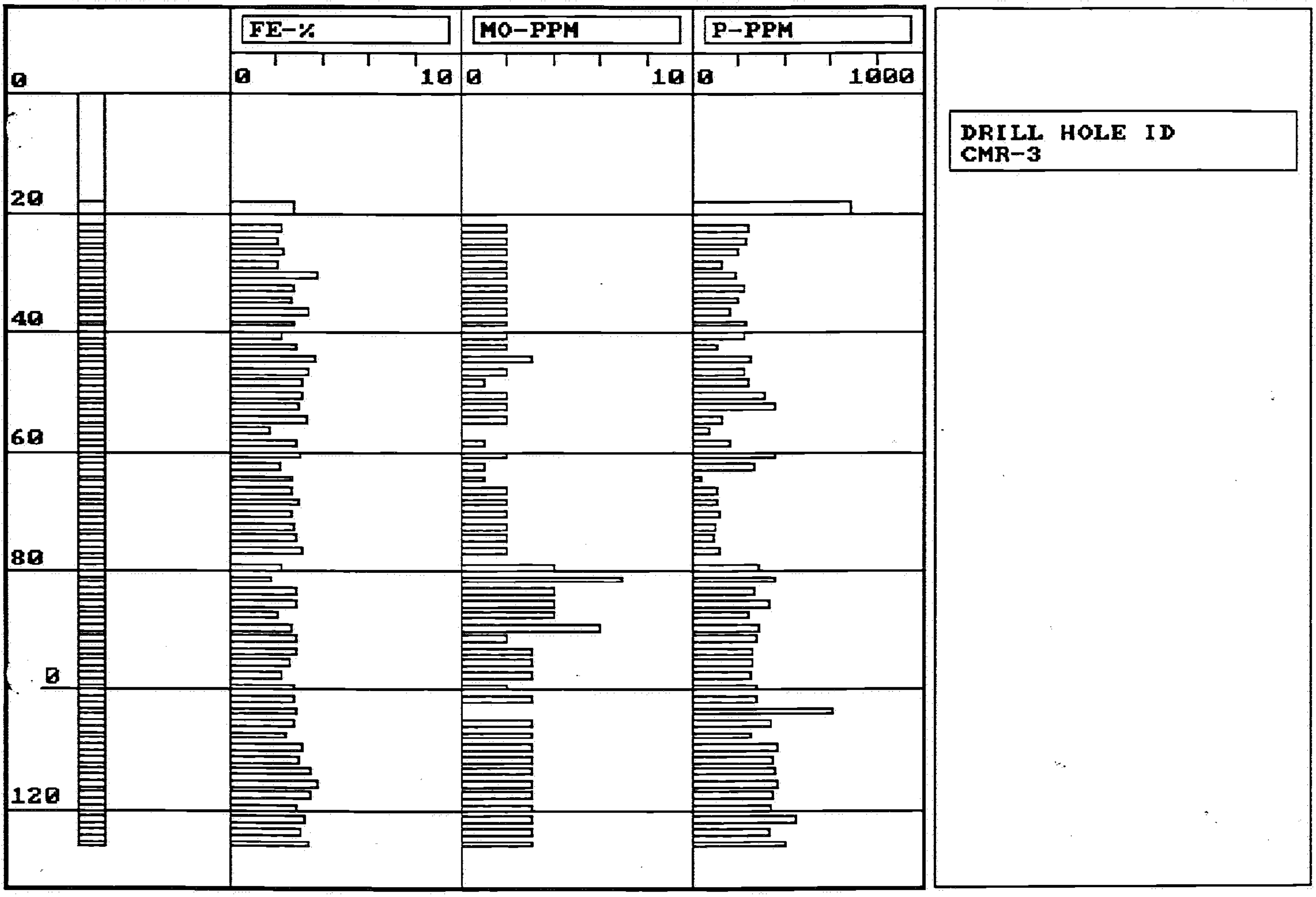
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 18:56
GRAPHIC LOG DISPLAY



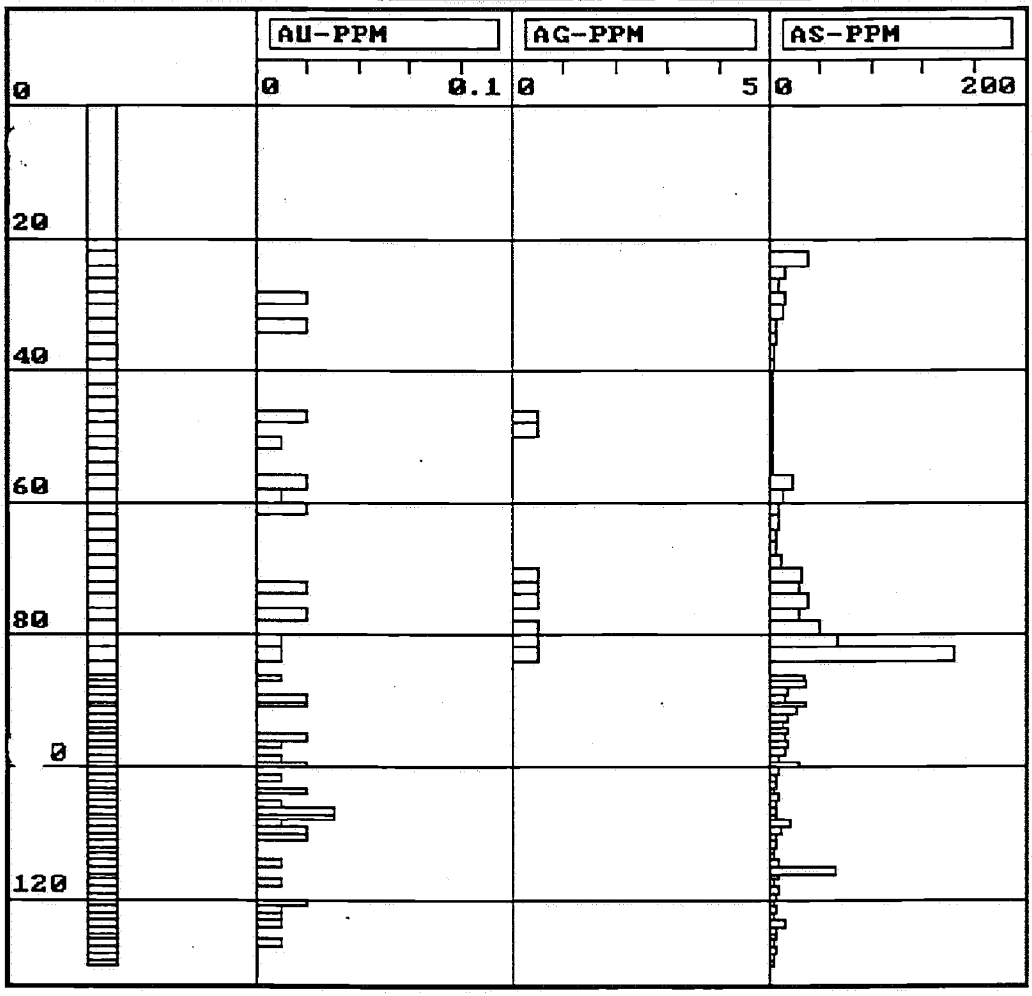
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 18:59
GRAPHIC LOG DISPLAY



MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

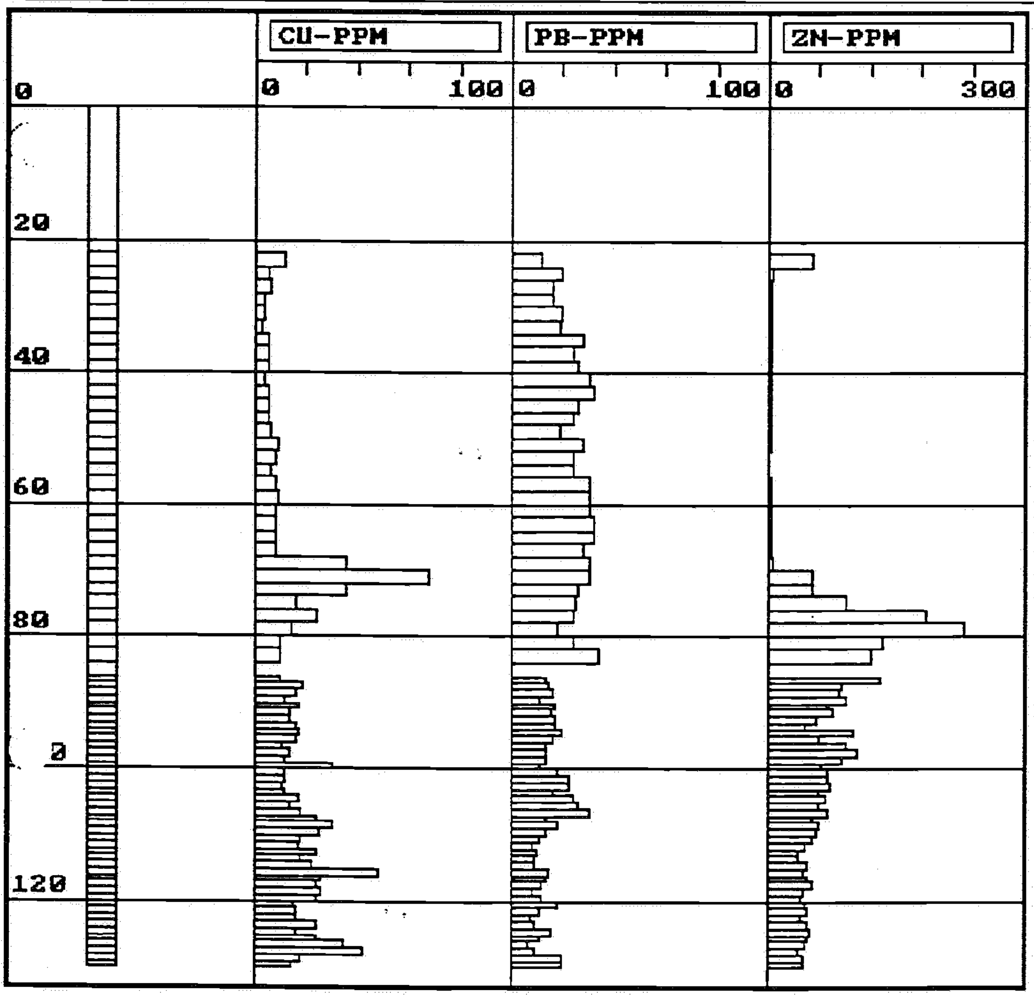
Mon Feb 24 19:57
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-4

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

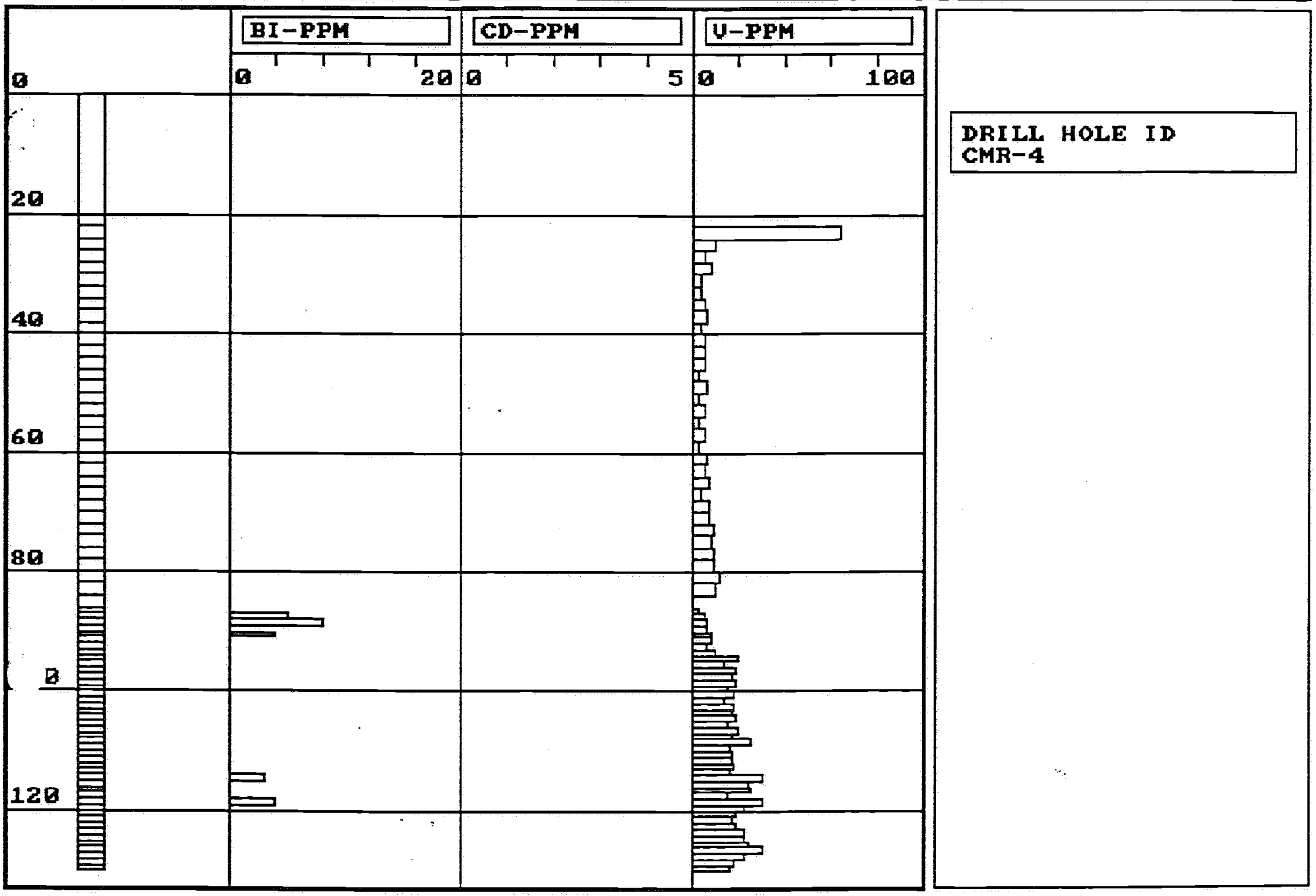
Mon Feb 24 20:01
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-4

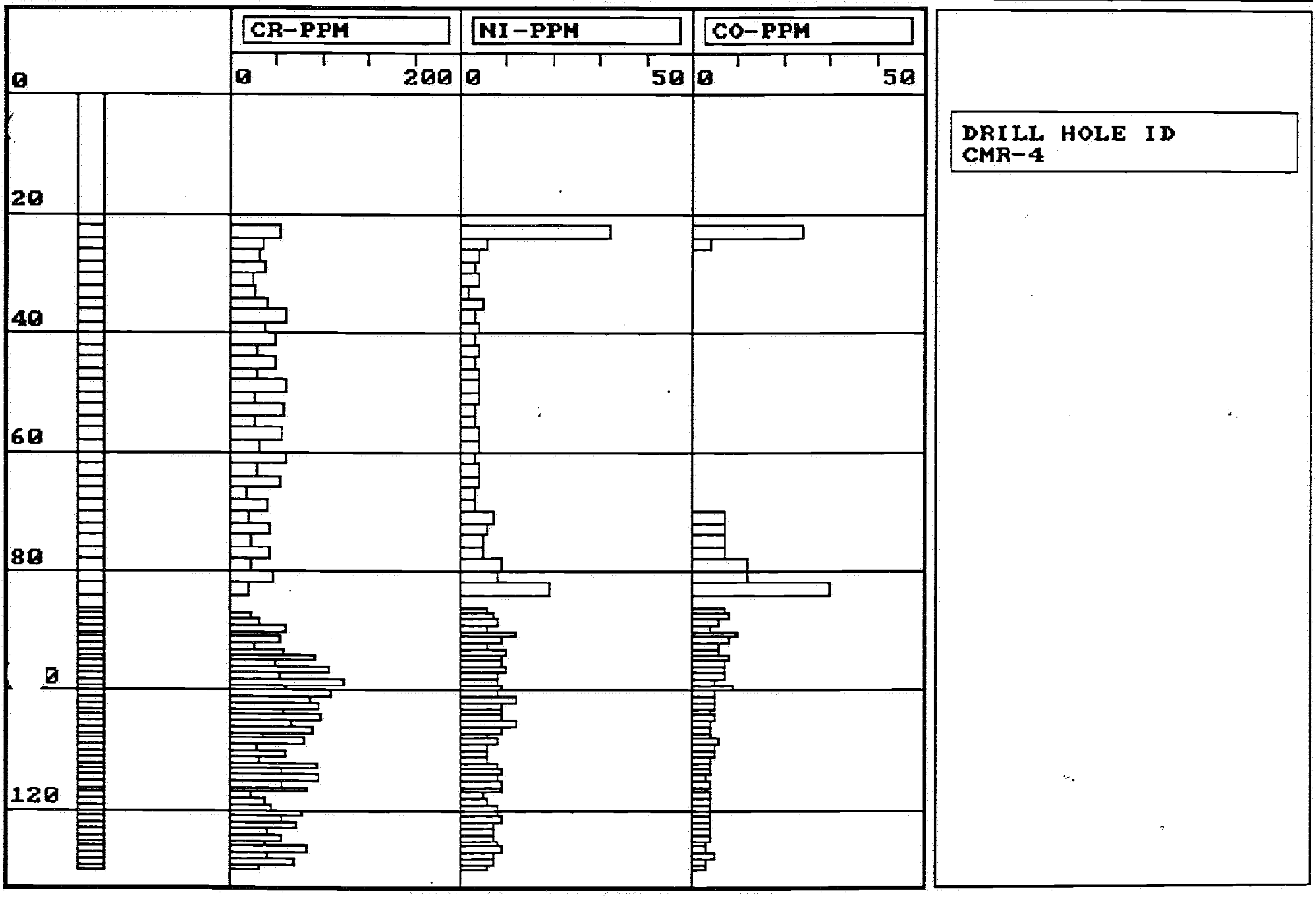
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 20:04
GRAPHIC LOG DISPLAY



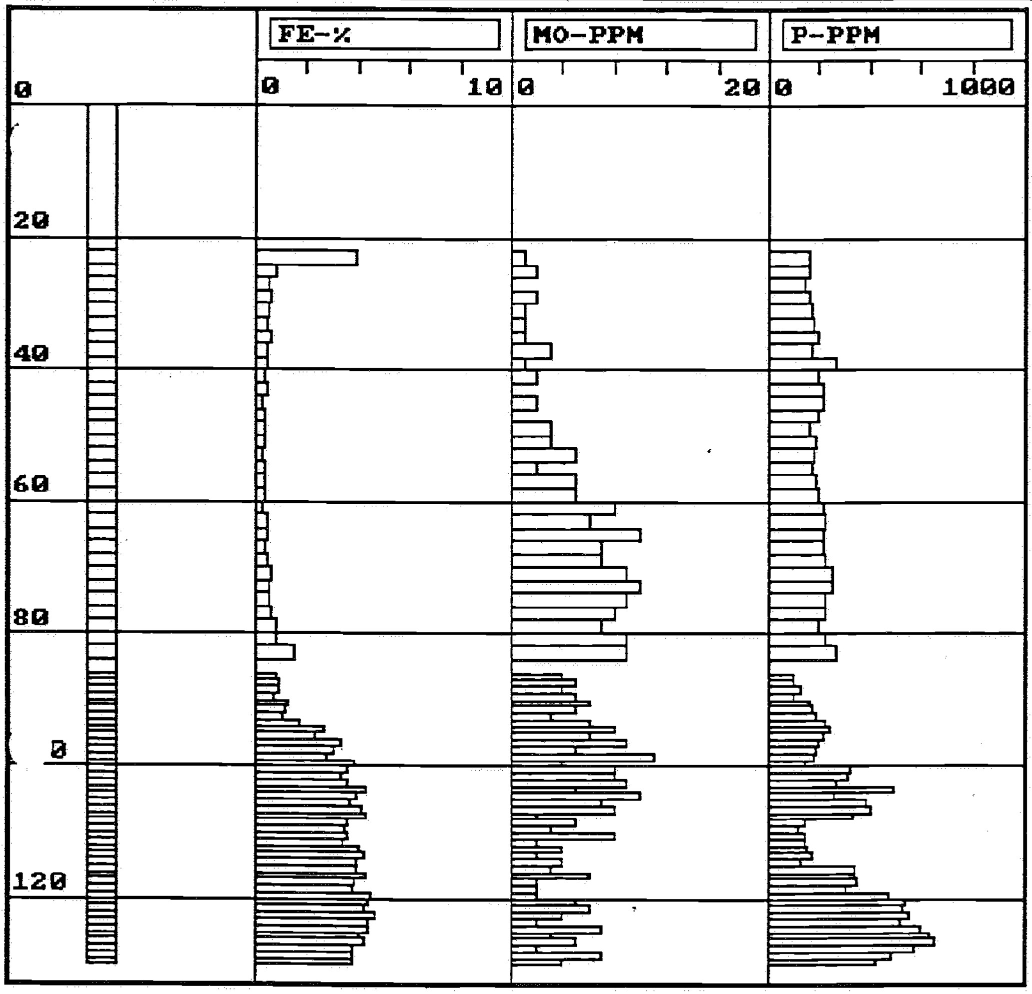
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Mon Feb 24 20:06
GRAPHIC LOG DISPLAY



MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

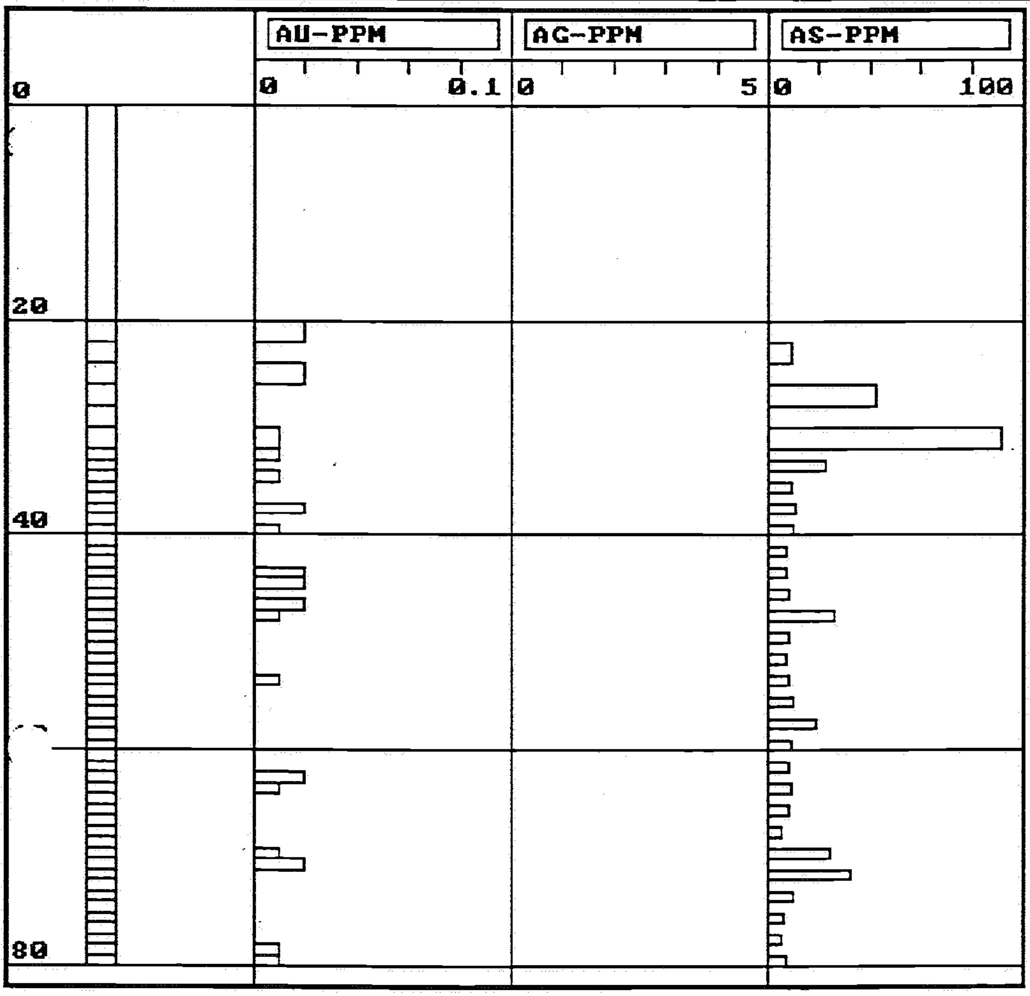
Mon Feb 24 20:09
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-4

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

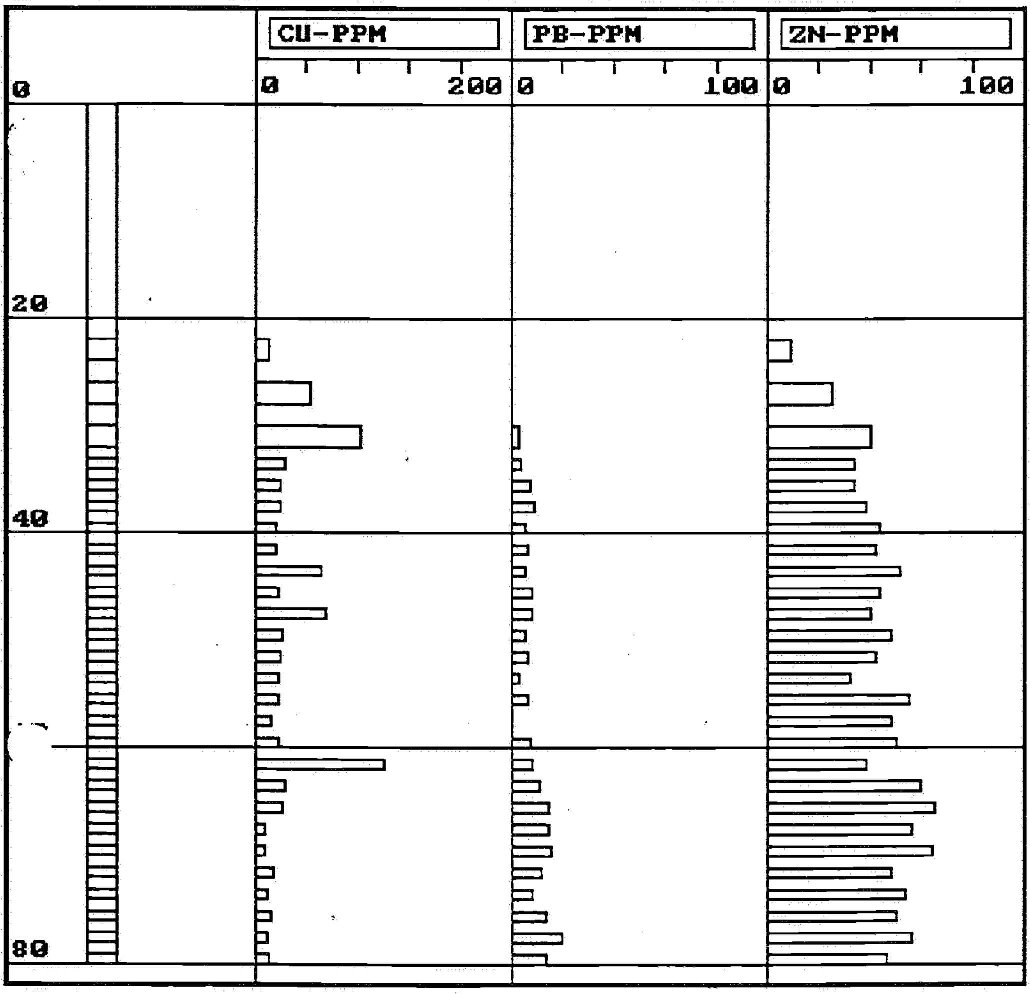
Mon Feb 24 20:12
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-5

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

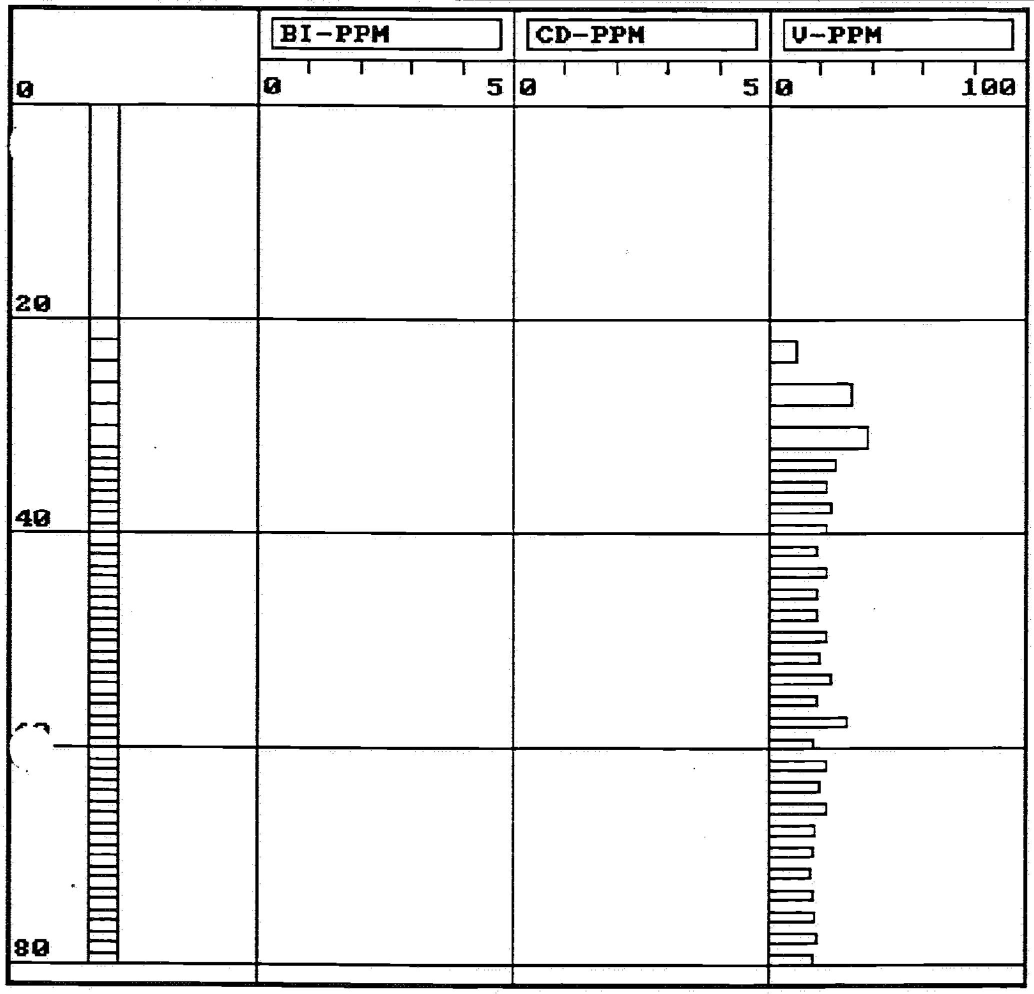
Mon Feb 24 20:14
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-5

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

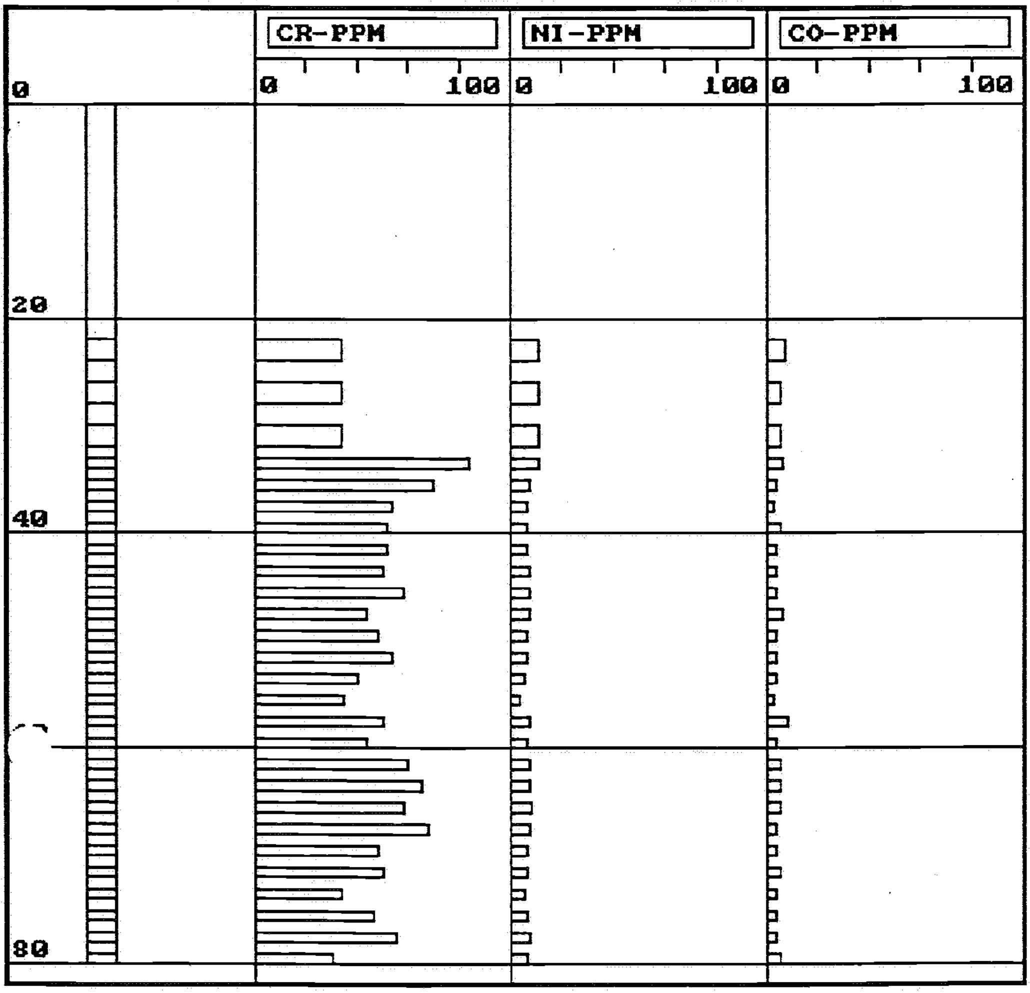
Mon Feb 24 20:16
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-5

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

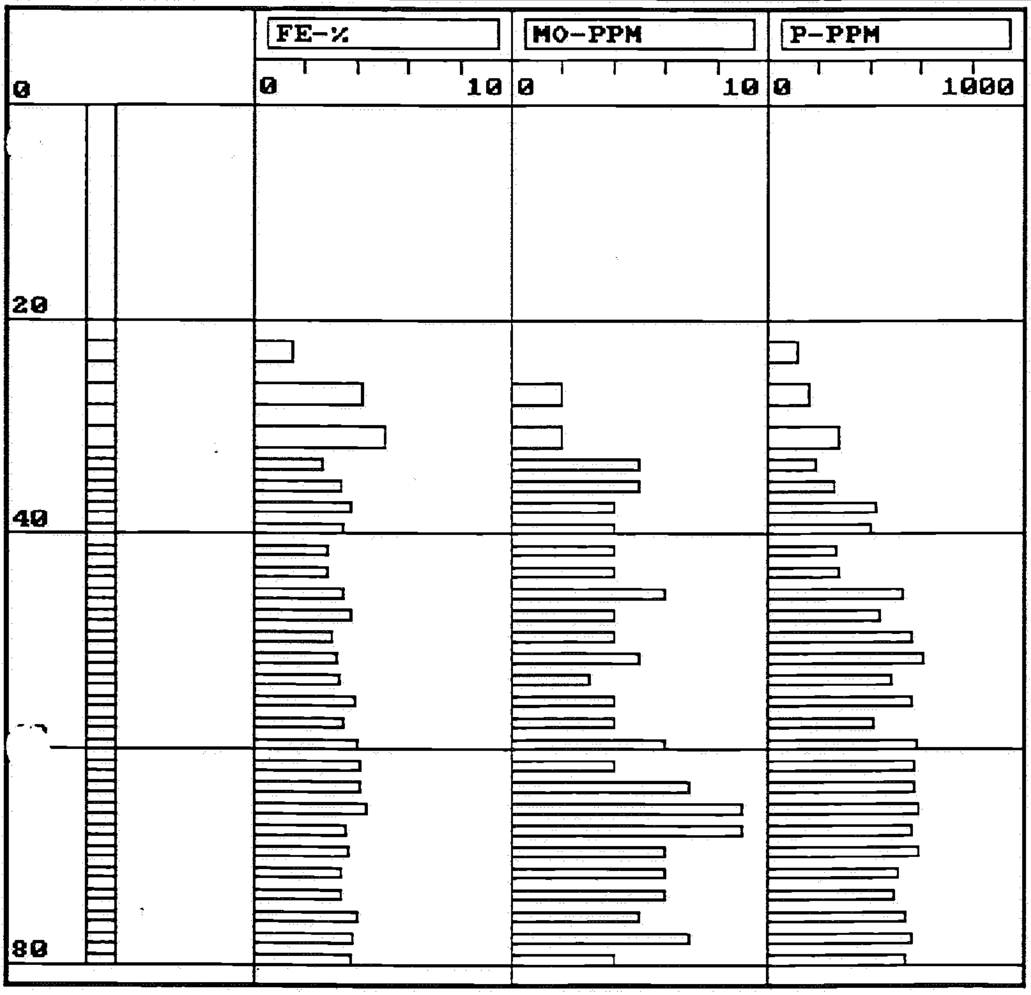
Mon Feb 24 20:18
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-5

MICROMINE PROJECT : s039   Version 6.40 Jan 1991   DATA FILE : CM-DHAD
PARAMETER FILE : GLOG   CURNAMONA

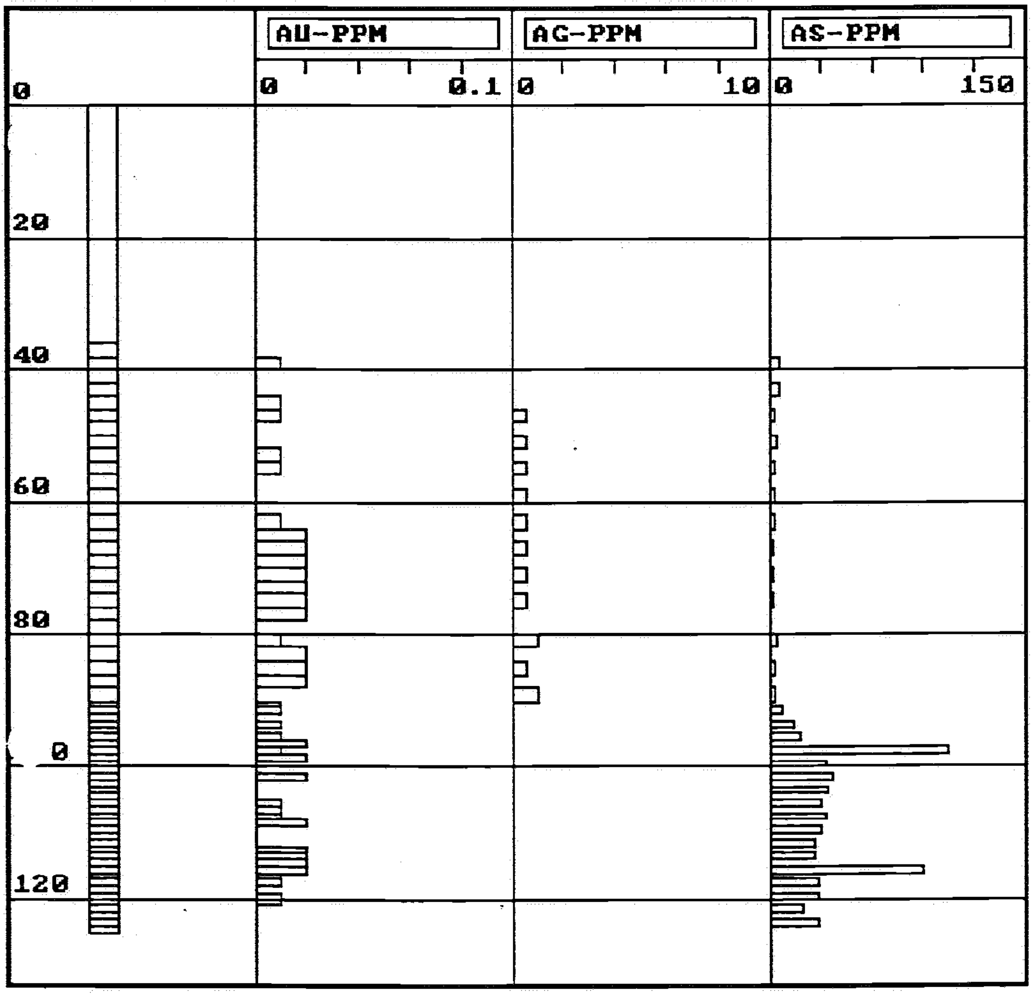
Mon Feb 24 20:20
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-5

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

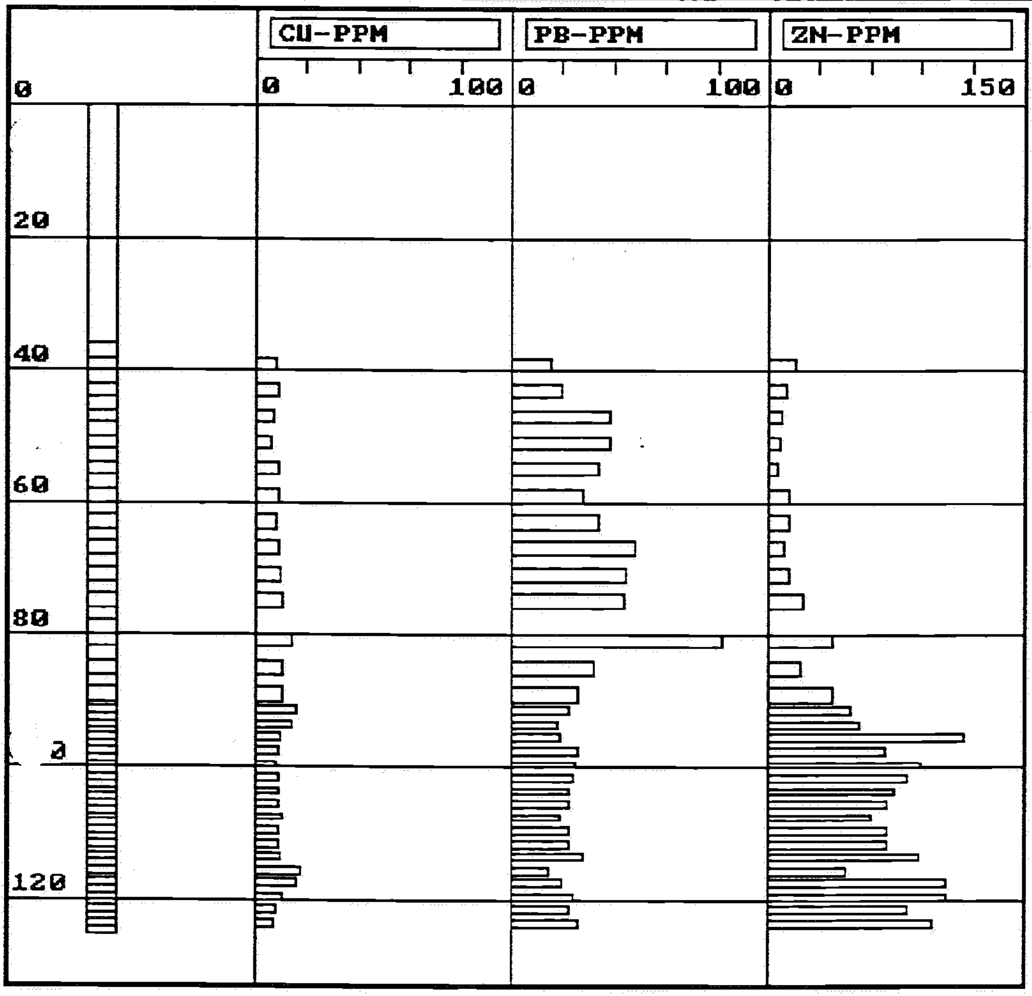
Sat Mar 07 02:14
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-6

MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

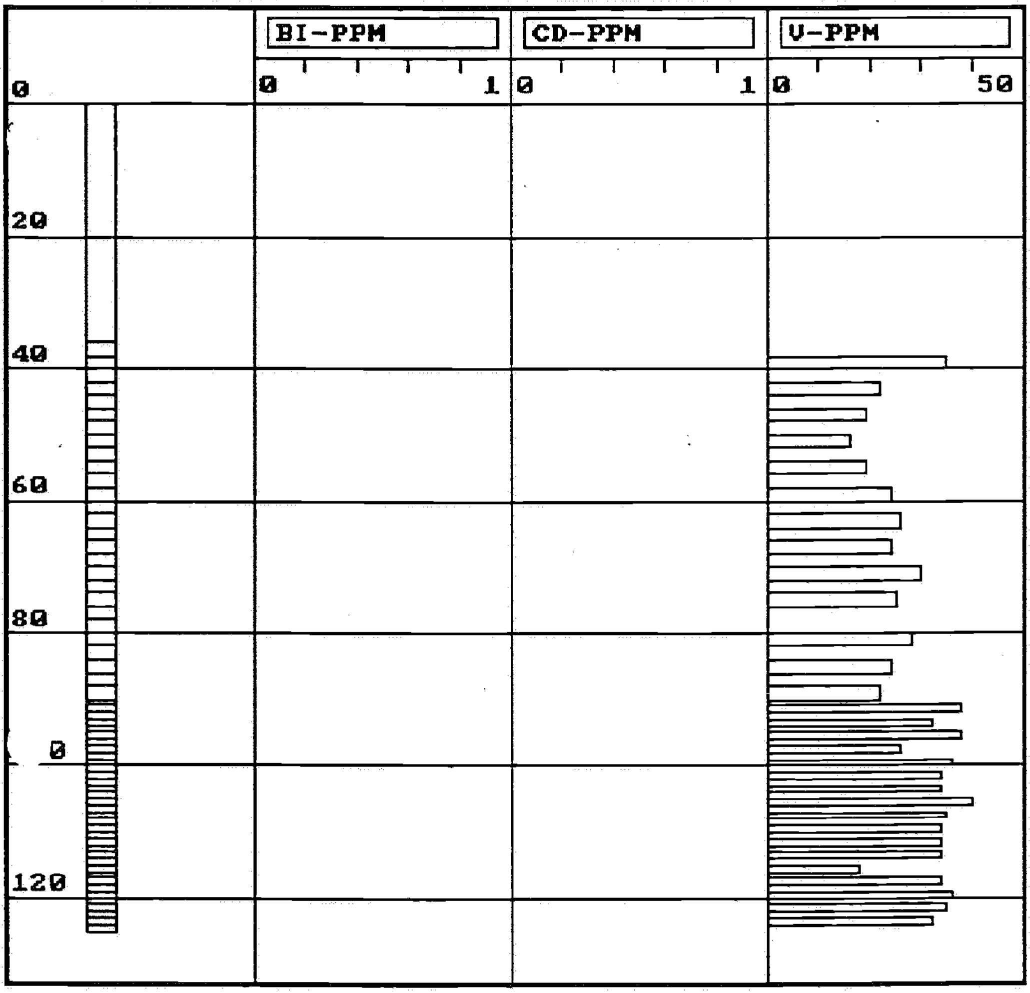
Sat Mar 07 02:24
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-6

MICROMINE PROJECT : s039   Version 6.40 Jan 1991   DATA FILE : CM-DHAD
PARAMETER FILE : GLOG   CURNAMONA

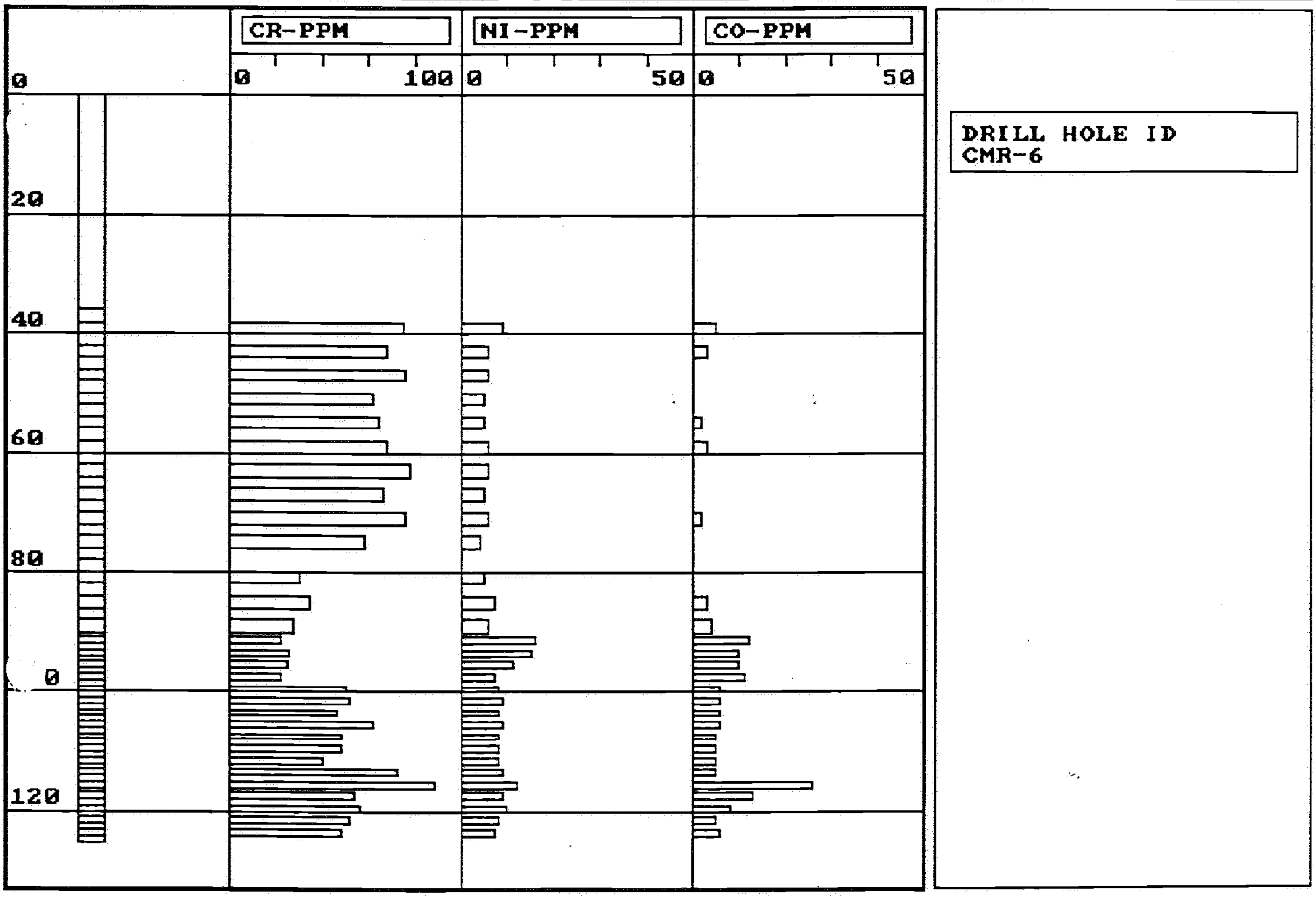
Sat Mar 07 02:26
GRAPHIC LOG DISPLAY



DRILL HOLE ID
CMR-6

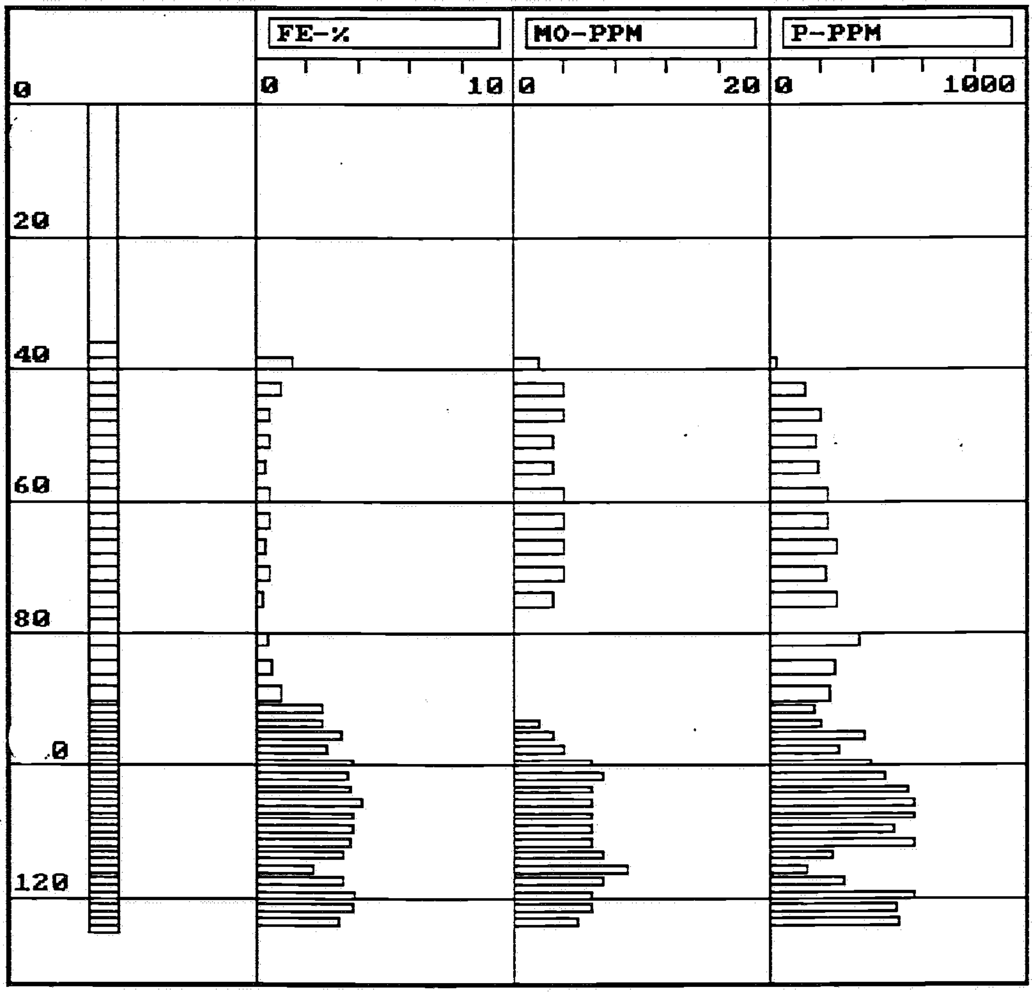
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Sat Mar 07 02:29
GRAPHIC LOG DISPLAY



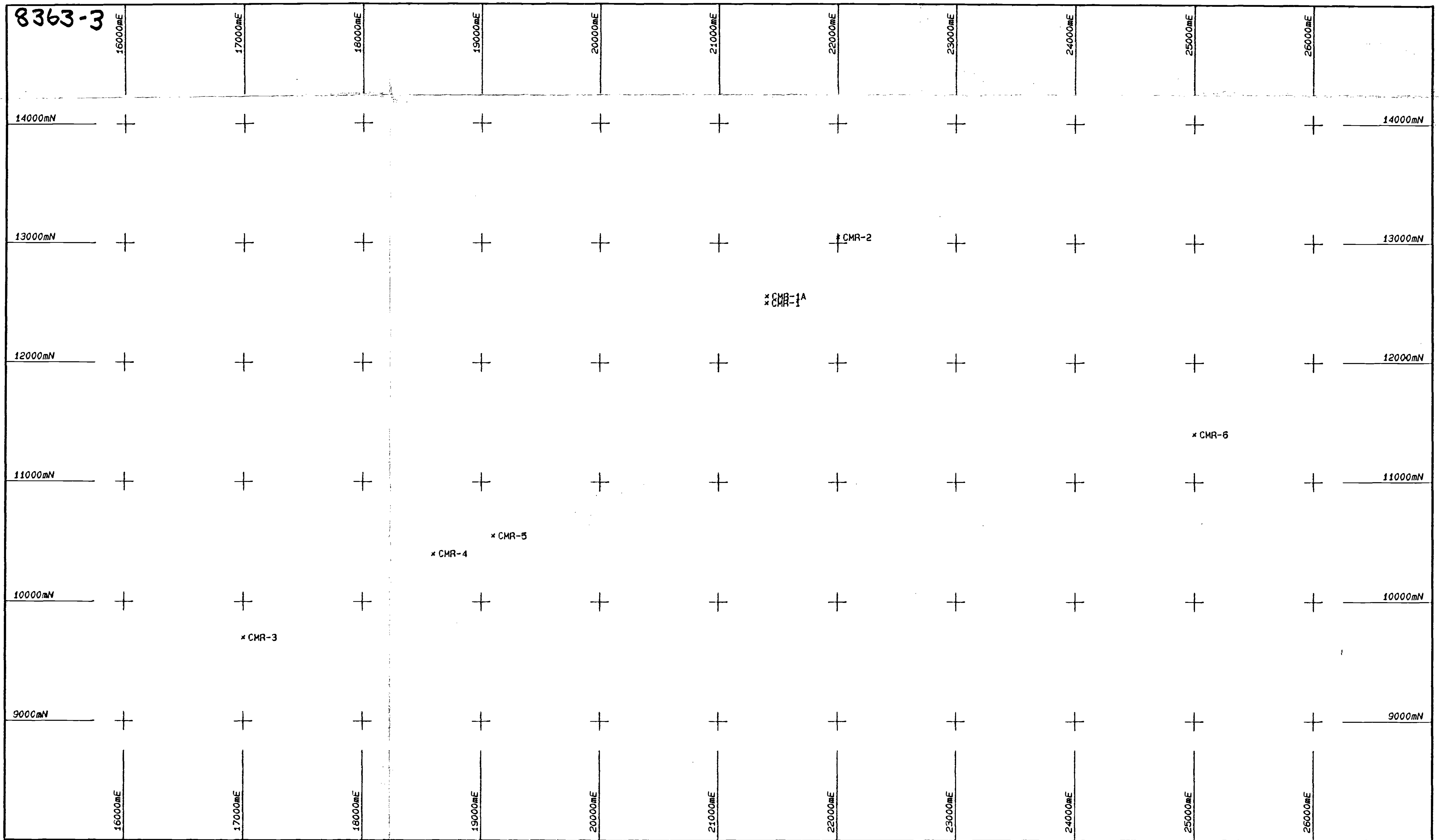
MICROMINE PROJECT : s039 Version 6.40 Jan 1991 DATA FILE : CM-DHAD
PARAMETER FILE : GLOG CURNAMONA

Sat Mar 07 02:31
GRAPHIC LOG DISPLAY

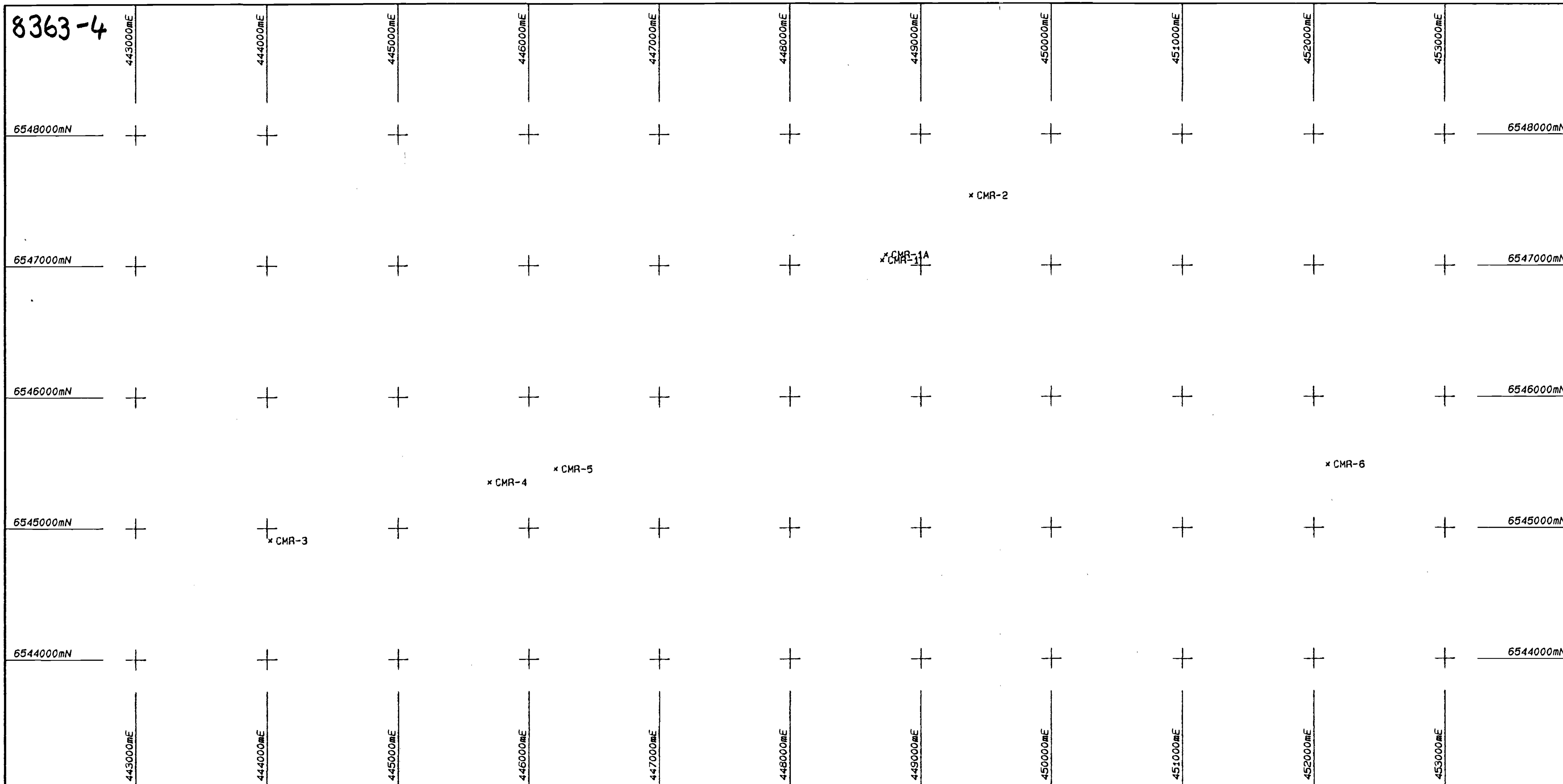


DRILL HOLE ID
CMR-6

8363-3



NOTES :	SCALE	DATE	SHEET	EL 1684 CURNAMONA	NEWCREST MINING LTD
XCMR-1 Drillhole Location & Number	1: 25 000	24/02/92	1 of 1	Drillhole Locations	8363-3
Grid North = Magnetic North		REF No. S039-6	Plan 1	(Local Grid)	
	0 — 1250m				



NOTES :

XCMR-1 Drillhole Location & Number

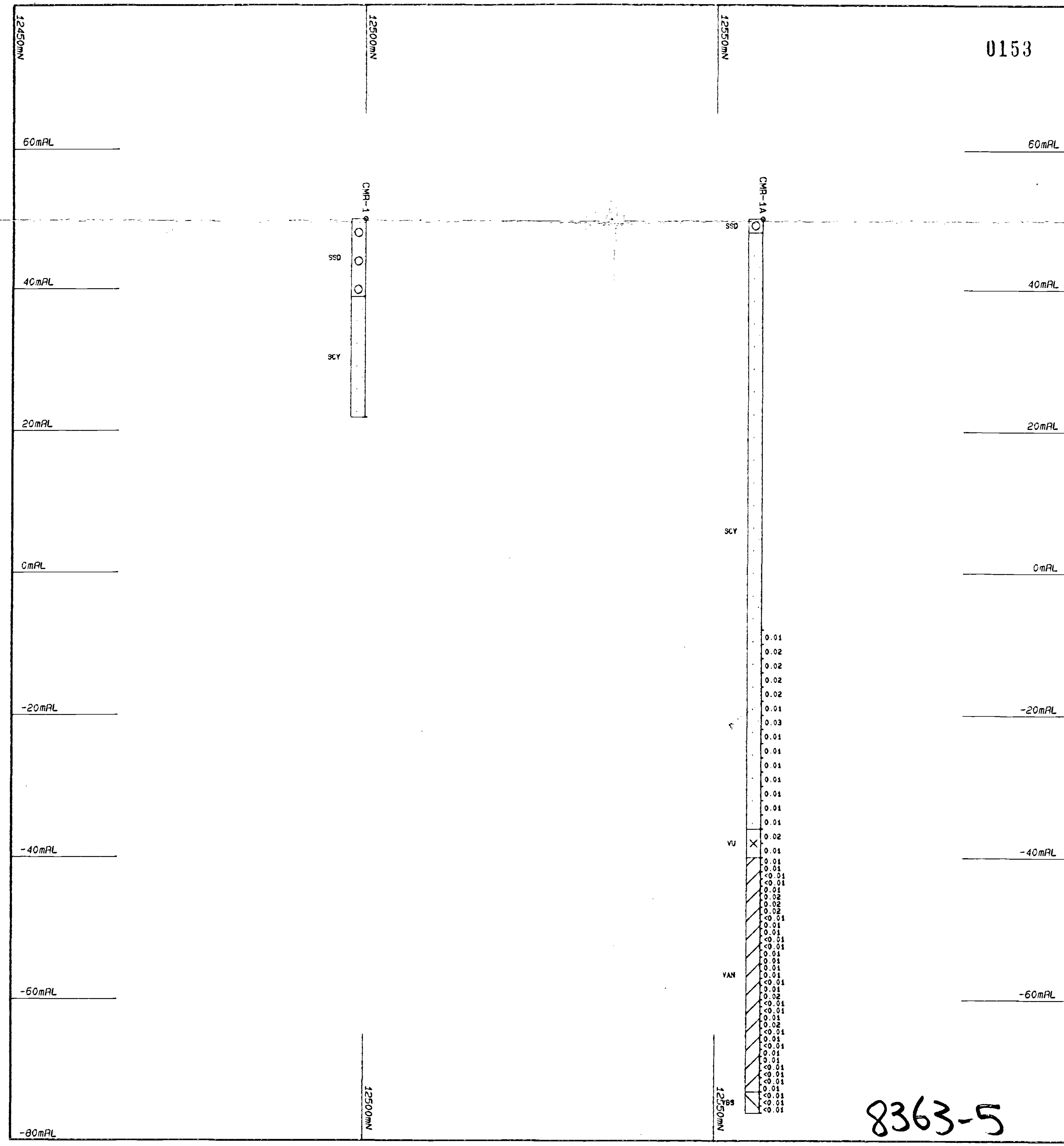
SCALE	DATE	SHEET
1: 25 000	24/02/92	1 of 1
	REF No. S039-7	Plan 2

0 1250m

EL 1684 CURNAMONA
Drillhole Locations
(AMG Grid)

NEWCREST MINING LTD

8363-4



Plan 2		SCALE 1: 500	DATE 07/03/92 REF No. S039-B	SHEET 1 of 1	EL 1684 CURNAMONA SECTION 21 400E Au Results (ppm)	NEWCREST MINING LTD

0154

8363-6

			SCALE 1: 500	DATE 07/03/92 REF No. 5039-9	SHEET 1 of 1	EL 1684 CURNAMONA SECTION 21 400E Cu Results (ppm)	NEWCREST MINING LTD
Plan 3							

Newcrest Mining Limited
A.C.N. 005 683 625
Level 2 John Oxley Centre (South) 339 Coronation Drive Milton Queensland 4064
P.O. Box 1367 Milton Queensland 4064
Telephone 07·858 0858 Fax 07·369 7143

RECEIVED 11 DEC 1992 DEPT OF MINES AND ENERGY

8 December, 1992

The Director-General
Department of Mines & Energy
PO Box 151
EASTWOOD SA 5063

Dear Ross,

RE: EXPLORATION LICENCE 1684

Please find enclosed a disk containing an ASCII file of the corrected gravity data collected over EL 1684. The file has nine columns: date, easting, northing, latitude, longitude, elevation, bouguer anomaly density 2.00 g/cc, bouguer anomaly density 2.20 g/cc, bouguer anomaly density 2.67 g/cc; and is written in format (F9.0, F9.1, F9.0 F10.5, F9.4, F9.1, 3F 10.6). The data has had free air, terrain, drift and tide corrections applied.

Isogal ties for the survey were between Benchmark 5054 (gravity base) and South Australian Government Isogal Station 6491/9104 at Olde Quinyambie Airstrip.

Yours sincerely,

Amanda Butt.

attached.

AMANDA BUTT
Geophysicist

enc.

Copy sent to Mineral Geophysics 24/3/93
Original retained in Reports Management.