

ANNUAL REPORT

EXPLORATION LICENCE

EL 8011

28 JANUARY 1993 - 27 JANUARY 1994

BY

J L FLAHERTY

OPEN FILE

CR 94/348 A

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1.0 Location and Access

EL 8011 is located approximately 660 kms south-east of Darwin and 85 kms west of Boorooloola in the Gulf country of the Northern Territory (Figure 1). Access to the tenement is by the Stuart and Carpentaria Highways to Cape Crawford thence 98 kms by unsealed road to Roper Bar.

The HYC (Pb, Zn, Ag) deposit of Mt Isa Mines Limited at McArthur River is situated 80 kms south-east of the tenement.

These titles (MLN 624, EL 7730 and EL 8011) are being explored by Mount Carrington Mines Limited ("Mount Carrington") under an option agreement with Mr R M Biddlecombe. These collectively form the Gordons project.

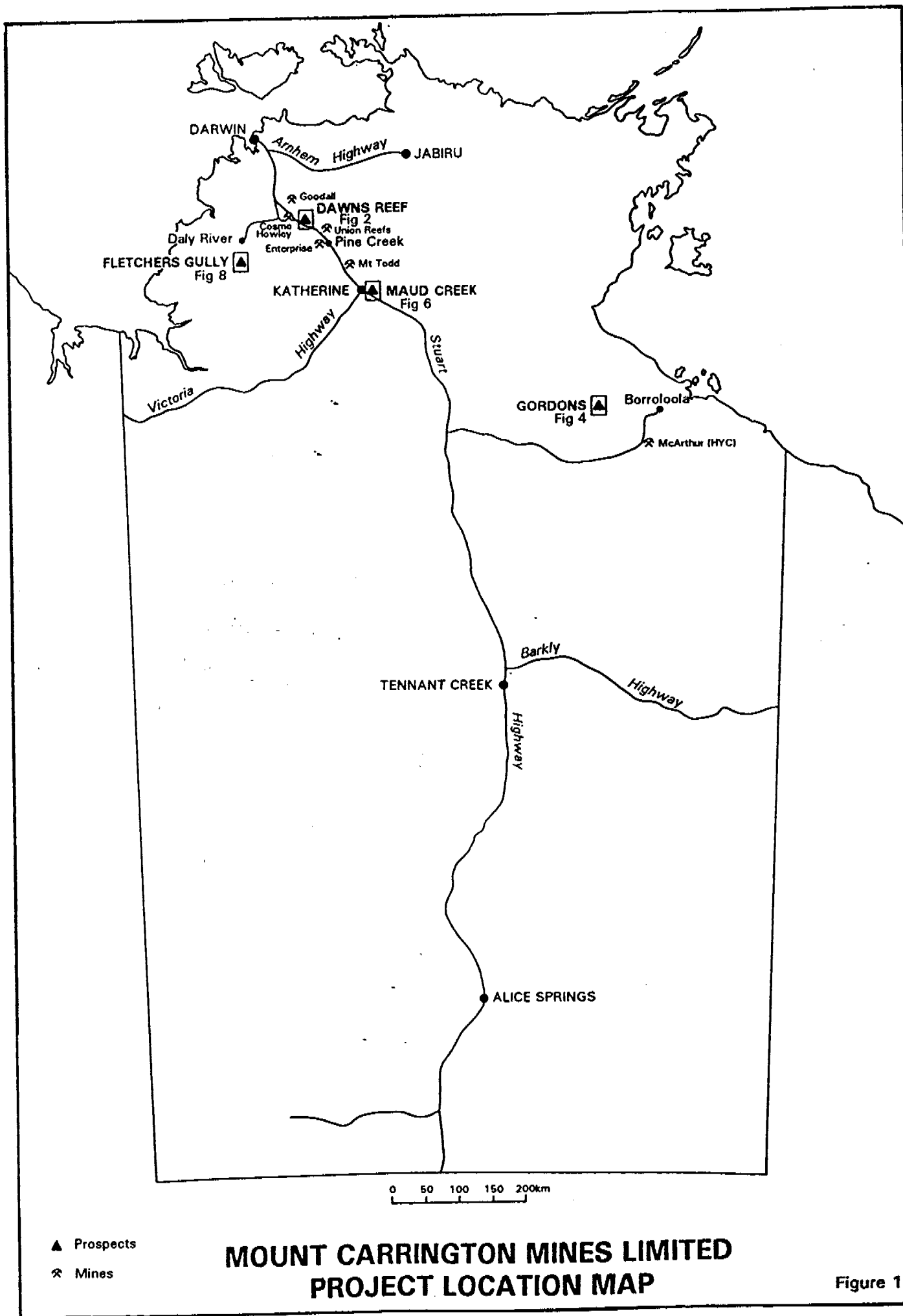


Figure 1

2.0 Geological Setting

Mount Carrington's titles around the Gordons copper mine cover mainly arenites, carbonates and cherts of the Middle Proterozoic Tawallah and McArthur Groups. These are underlain in the south-east by Early Proterozoic acid to intermediate volcanics and volcanic sediments of the Scrutton Volcanics and are overlain, especially in the central-north, by arenites and minor siltstones of the Late Proterozoic Roper Group (Figure 2). The transition between the Tawallah and McArthur Groups is essentially conformable whereas unconformities separate these Groups from the underlying volcanic basement and overlying arenaceous sediments.

The basement Scrutton Volcanics have been equated to the late Early Proterozoic Edith River Volcanics in the southern Pine Creek Geosyncline in some reports. They display a strong total count radiometric response as well as an intense aeromagnetic signature. Aeromagnetic patterns suggest that the Scrutton Volcanics continue at depth in the central and north-western part of the titles as a ridge of stronger magnetic response bisects the titles from south-east to north-east.

The Tawallah Group crops out along the eastern and western sides of the licences bounding a central graben-like structure some 7 kilometres wide which contains McArthur Group rocks in the south and Roper Group rocks in the north. A faulted contact which trends essentially east-west across the graben separates these units.

Bedding in all Groups dips at shallow angles and this, combined with the strong north-south and east-west block faulting, results in an apparently complex structural geometry. This is more pronounced when detailed stratigraphy is superimposed on the simplified geological skeleton presented in Figure 2.

The titles also cover the southern end of a broad (35x12 kilometres) gravity low. This may result from a dome of less dense basement rocks or granite at an unknown depth below the area.

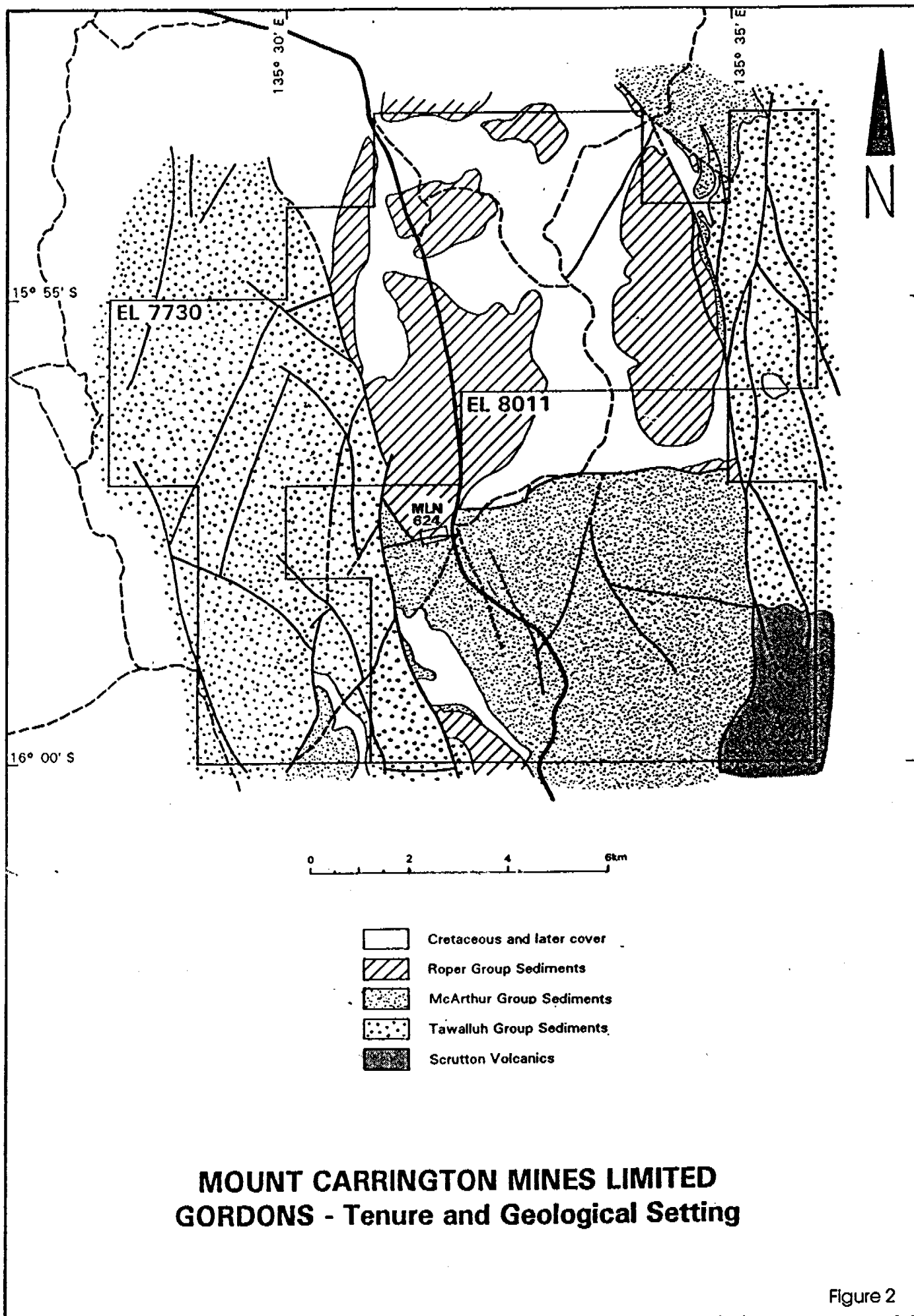


Figure 2

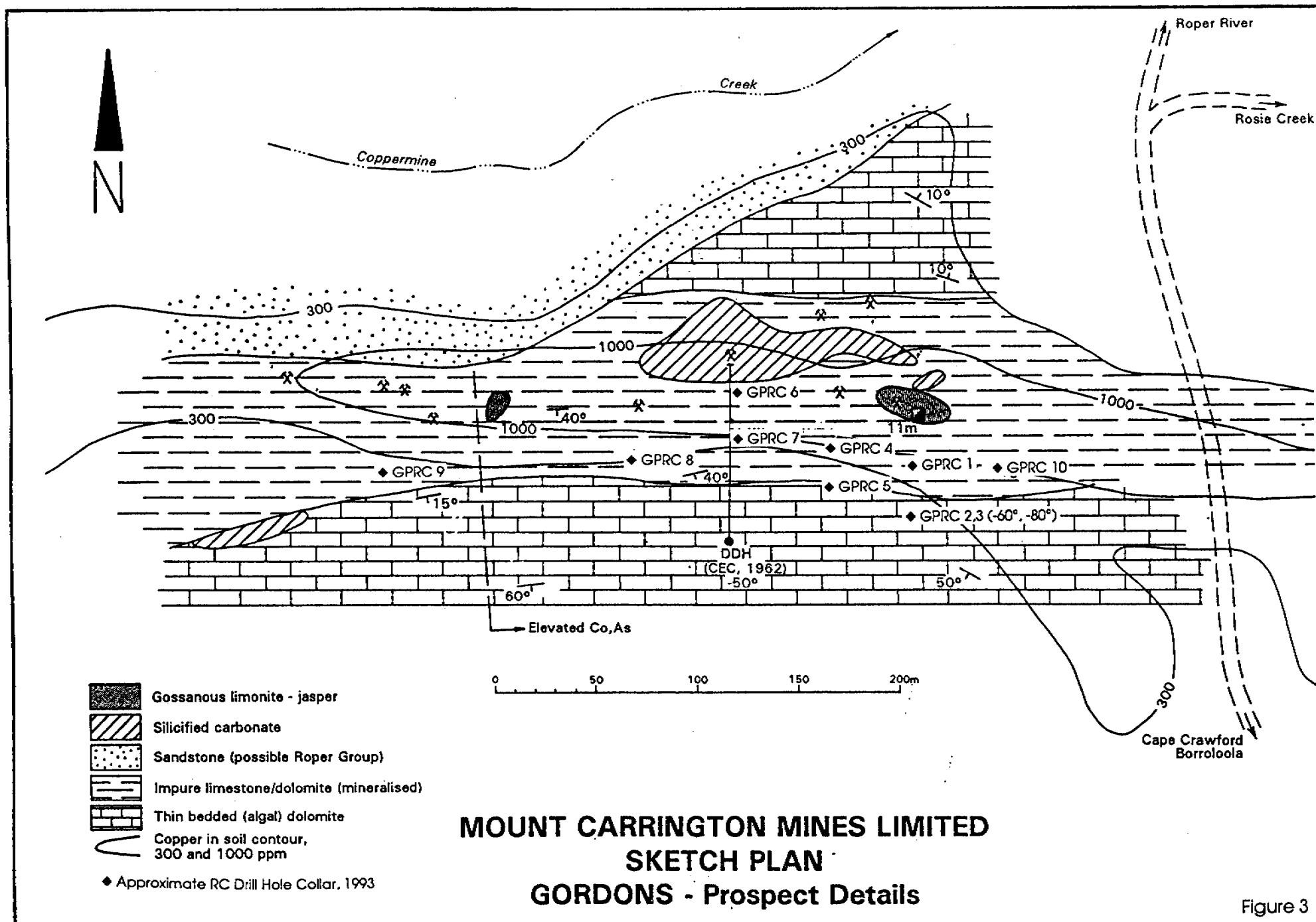


Figure 3

At a local scale (Figure 3) the Gordons Copper Mine is hosted by variable silicified algal dolomites and limestones of the Amelia Dolomite, a lower unit of the McArthur Group. This is underlain by dolomitic shale and siltstone of the Mallapunyah Formation and is overlain by medium-grained sandstone of the Tootoola Sandstone. Two hundred metres to the north of the mine and Amelia Dolomite is unconformably overlain and/or in faulted contact with Roper Group arenites. This contact corresponds with the major east-west transverse fault in the central graben-like zone shown in Figure 2.

The host unit dips mainly at shallow to moderate angles to the south in the vicinity of the old workings which are concentrated along a horizon of red-grey banded dolomite and siderite-marble-mudstone which extends laterally for about 1 kilometre and is up to 30 metres thick. The main outcrop area stands over 3 metres high and consists of malachite stained gossanous limonitic jasper. Some reports suggest the mineralisation is fault-related but this was not obvious during the recent inspection.

Minor mineralisation is also reported within the adjacent to the main east-west fault zone which separates the McArthur Group rocks in the vicinity of the mine from the Roper Group rocks to the north.

3.0 Mineralisation Style/Exploration Models

Much of the past exploration over the Gordon titles has been directed towards the discovery of HYC/McArthur-type stratiform and stratified base metal (especially lead-zinc) deposits in carbonaceous units in the dolomitic McArthur Group. Detailed mapping over the past thirty years has established that the Barney Creek Formation is the specific horizon in which such mineralisation is likely to occur. Unfortunately, this unit does not crop out in the titles held by Mount Carrington.

While the possibility cannot be entirely ignored that repetitions of this favourable rock type might be present at other stratigraphic levels in the McArthur Group, the chance of finding such mineralisation in the Mount Carrington titles does seem remote.

Just what style the mineralisation at Gordons actually is has yet to be determined. Different explorers have drawn different conclusions. Some believe it is stratiform copper mineralisation in a favourable horizon of the Amelia Dolomite. Others believe it is controlled by a combination of an east-west fault or shear structure and favourable rock type. Still others have suggested that it may be related to the unconformity at the base of the Roper Group with enrichment in basement structures during subsequent weathering and erosion cycles. All three possibilities warrant consideration during subsequent exploration until sufficient real data become available to discriminate between the different interpretations.

The Batten Trough region (in which the Gordons project lies) is currently being actively explored for diamonds following the recent success at the Merlin Prospect in the south of the region.

Moonstone Diamond Corporation NL ("Moonstone") has entered into an option agreement with Mount Carrington to explore the Gordons project area for diamonds.

4.0 Previous Exploration and Mining History

At the Gordons copper mine there are numerous old pits and trenches on malachite-stained outcrops over a distance of several hundred metres (Figure 3). The deepest shaft is 11 metres deep. This activity reportedly relates to the late 1950s and early 1960s. Up to 1957, 162 kilograms of copper had been produced from 44.5 tonnes of ore (0.4%).

The area of the surrounding titles has been the subject of several regional exploration programmes which followed from the discovery of the HYC/McArthur deposit further south in the McArthur Basin in the early 1950s.

In 1962, Carpentaria Exploration Company Pty Ltd (CEC) carried out reconnaissance investigations which included an assessment of the Gordons copper mine. This resulted in the completion of one inclined diamond drill hole (Figure 3) to a depth of 138.5 metres at Gordons which intersected 17 metres of 0.5% copper between 78-95 metres including 0.23 metres of 8.25% copper. The mineralisation was hosted by massive grey impure limestone and jasper limestone breccia.

Three other copper shows, a lead show and a small manganese deposit were also discovered during this phase of exploration, all within 1-6 kilometres of Gordons. No detailed investigations were conducted on these.

Kennecott Explorations (Australia) Pty Ltd (Kennecott) and Oil Stream Industries Pty Ltd collected 180 stream sediments from the area in 1966 and analysed these for copper, lead, zinc, cobalt and nickel. They also reviewed and evaluated Gordons but did not proceed to detailed exploration. They estimated the cupriferous horizon was 25-30 metres thick and extended over 800 metres with an overall grade of less than 0.4% copper. Elevated cobalt levels (+200 ppm) were reported in two samples, but cobalt was less than 80 ppm in another five samples including two with copper contents in excess of 10%.

In 1968, Amad NL conducted regional stream sediment sampling over the area analysing for copper, nickel,

cobalt, lead and zinc and carried out geological mapping and soil sampling at Gordons. The regional sampling identified Gordons and one other prospect but the soil sampling failed to identify extensions of Gordons which Amad were seeking.

Around this time CEC conducted a more wide-ranging stream sediment sampling programme along the Amelia Dolomite over a large portion of the McArthur Basin looking for copper concentrations. This included the area of Mount Carrington's current titles but did not result in the identification of any new prospects.

CEC returned to the area between 1976-1982 and conducted an extensive helicopter-supported stream sediment sampling survey, collecting -80 mesh samples at a density of 4.5/square kilometre and analysing for copper, lead and zinc. This did not locate any new prospects in the area currently being reviewed. Soil sampling (-80 mesh) was also carried out systematically at Gordons. This revealed a discrete anomaly 550 metres long and 50 metres wide above 1000 ppm copper but did not lead to any additional drilling.

BHP Minerals Limited (BHP) continued to explore CEC's exploration licence after 1980 and explored in their own right between 1980-1984 over part of the area previously relinquished by CEC.

BHP's target was stratiform lead-zinc mineralisation (similar to HYC/McArthur River) hosted by the Barney Creek Formation of the McArthur. Although the Barney Creek Formation does not crop out in the area investigated by BHP, they still drilled one diamond drill hole into Roper Group sediments 3 kilometres north of Gordons, to search for the Barney Creek Formation at depth. The hole was terminated at 347 metres still in Roper Group sediments.

BHP also conducted an EM survey along four lines which were 1200 metres long and spaced 500 metres apart across the Gordons mine area and also mapped the mine area. This activity was designed to detect more significant mineralisation at depth than was apparent at the surface or in CEC's 1962 drill hole. No significant anomalies were identified.

Throughout the 1980s and early 1990s other exploration titles were held over the area but did not result in any significant exploration within the area of Mount Carrington's current titles until Mr R Biddlecombe analysed 20 rock samples from the prospect. The results included elevated levels of cobalt (maximum 0.71%) and arsenic (maximum 0.66%) associated with the copper mineralisation (maximum 29.6%). Cobalt and arsenic show a positive correlation of results and appear to be more strongly represented in the eastern portion of the deposit where twelve of the twenty samples were collected. These twelve samples average 9.0% copper and 0.20% cobalt and 0.25% arsenic but they were "selected" samples and do not represent the overall grade in this zone.

As part of the present review Eupene Exploration Enterprises Pty Ltd ("Eupene") collected two chip samples from the main gossan outcrop - one was "selected" for the high malachite content and the other for absence of malachite. The samples analysed 3.9% copper, 0.32% cobalt and 0.53% arsenic and 1.1% copper, 0.30% cobalt and 0.53% arsenic respectively. These results confirm the presence of economic concentrations of cobalt, as the sampling by the vendor had discovered, and suggest that the cobalt and arsenic are more evenly distributed than the copper. Gold analyses on the same two samples were negative.

5.0 Work Completed - 1993

In July 1993 Eupene conducted a brief reconnaissance visit to the Gordons prospect. Samples taken at the time confirmed the presence of economically interesting levels of cobalt with obvious secondary copper mineralisation (Mount Carrington Mines Limited, 1993).

In late October and early November 1993 ten RC percussion holes totalling 459 metres were drilled under the surface indications of copper mineralisation over a strike length of 300 metres. The holes were logged and sampled in 1 metre intervals - 2-3 kilogram samples were collected by an automatic riffle splitter mounted on the B80 drill rig which was operated by Thompson Drilling (NT) Pty Ltd from Pine Creek. Residues from samples were collected in large plastic bags and stored in an orderly fashion beside each drill site.

Holes were located relative to a temporary hip-chain and compass grid aligned on magnetic north. All holes were collared with 2.4 metres of PVC casing and sealed with foam. After completion of drilling the holes were capped and the casing was pushed below ground level and overed with soil to a depth of at least 0.3 metres.

Samples were analysed by Assaycorp Pty Ltd in Pine Creek. Samples were dried entirely and crushed to -600um. A one kilogram split was then pulped to -75um prior to analysis. Cu, Pb, Zn Ni, Co and Ag were determined by AAS after digestion in a HCl/HNO₃/HClO₄ solution.

Samples were not analysed for gold as previous surface samples had not returned any indication of that element. Full details of the drilling are contained in the enclosed report prepared by Eupene (Appendix 1).

Moonstone have acquired landsat and other remote data on the Gordons area in preparation for a field programme to commence in March 1994.

Expenditure Incurred was as follows:

<u>Base Metal Exploration</u>	\$
Geological Consultants	6,000
Outgoings	2,000
Drilling	17,000
Assays	5,000
Overheads	2,500
	\$ 32,500

<u>Diamond Exploration</u>	
Remote Data	4,000
Interpretation	1,500
Overheads	600
	\$ 6,100

Total Expenditure	\$ 38,600

Allocated

MLN 624	\$22,000
EL 8011	\$11,600
EL 7730	\$ 5,000

6.0 Proposed Exploration - Year 2

Base metal exploration proposed for Year 2 of EL 8011 includes:-

- detailed geological grid mapping within a 500-600 metre radius of Gordons prospect;
- reconnaissance geological mapping with a 5 kilometre radius of the Gordons prospect;
- orientation geochemical soil sampling and stream sediment sampling around the Gordons prospect to ascertain the level and extent of cobalt dispersion which results from Gordons;
- if sufficient cobalt response is detected, geochemical stream sediment sampling across all of Mount Carrington's titles at Gordons (several earlier surveys did not include analyses for cobalt);
- additional RC reconnaissance drilling and at least 200 metres of diamond core drilling at Gordons to:
 - (i) test the lateral and depth extent of the copper-cobalt mineralisation;
 - (ii) attempt to locate higher grade expressions of the mineralisation (eg possible deeper intersections of the interpreted shear/feeder zone with thicker limestone-rich units);
 - (iii) identify the controls on the mineralisation to refine further the exploration target/model;
- repeat and extend the geochemical soil sampling over an area of about 1 kilometre radius around Gordons and other known copper shows in the immediate area.

BLEG sampling for gold over the Scrutton Volcanics is also contemplated.

Diamond exploration proposed for Year 2 at EL 8011 includes:

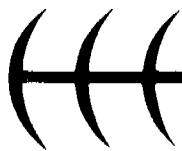
- complete interpretation of remote data;
- combine remote imagery targets with geophysical anomalies to help prioritise existing targets and create additional targets;
- design a sampling program that adequately covers targets generated by the above;
- complete the sampling program and analyse samples;
- follow-up results with sampling.

The estimated cost of the above programs for EL 8011 is as follows:

<u>Base Metal Exploration</u>	\$
Geological Consultants	5,000
Sampling/Drilling	10,000
Assays	6,000
Overheads	2,000
	\$ 23,000

<u>Diamond Exploration</u>	
Geological Consultants	3,000
Assays	12,000
Interpretation	2,000
Overheads	1,000
	\$ 18,000

Total estimated expenditure	\$ 41,000



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APPENDIX 1

REPORT 94/21

**RESULTS OF 1993 RC DRILLING PROGRAMME
GORDONS PROSPECT
EL8011, MLN624**

by

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for

MOUNT CARRINGTON MINES PTY LTD

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1:250,000: Mount Young - SD53-15
1:100,000: Tawallah Range - 6066

January, 1994

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DIRECTORS: Geoffrey Samuel Eupene B.Sc(Hons)

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1 INTRODUCTION

These titles which cover an area of about 153 square kilometres are centred on the old Gordons copper mine is located 660 kilometres south-east of Darwin and 85 kilometres west of Boorooloola in the Gulf country of the Northern Territory (Figure 1). Access to the prospect area from Darwin is by the Stuart (588 kilometres) and Carpentaria (269 kilometres) Highways to Cape Crawford thence northwards along the unsealed road to Roper Bar. This traverses the titles between 93 and 106 kilometres from Cape Crawford. The Gordons prospect is 98 kilometres from Cape Crawford. Published maps position Gordons just to the south of Coppermine Creek whereas on the ground a creek 1.5 kilometres to the south of the mine is sign-posted as Coppermine Creek.

The Gordons prospect has been variously referred to as "Gordons", "Mulhollands", the "Tawallah Copper Mine" and the "Coppermine Creek" in earlier reports.

Other base metal mineralisation is present in the area at Mariner North (Pb), 9 kilometres south of Gordons, Tawallah Pocket (Cu), 17 kilometres south-east of Gordons, Sly Creek (Cu, Fe), 10 kilometres north of Gordons and Apollo Prospect (Pb, Cu, Ba), 13 kilometres east of Gordons. All of these are just outside of the area of the titles of Mount Carrington.

The HYC (Pb, Zn, Ag) deposit of Mount Isa Mines Limited at McArthur River is situated 80 kilometres south-east of Gordons.

The Gordons Titles (MLN624, EL8011 and EL7730) have been acquired by Mount Carrington Mines Limited to explore for base metals (particularly copper and cobalt), gold and diamonds. Exploration for base metals and gold is conducted by Mount Carrington in its own right. Diamond exploration is carried out by Moonstone Diamond Corporation NL who have an exclusive option to earn a 60% interest in the diamond rights of the tenements.

This report provides background information on previous exploration on the titles as well as the results of a preliminary RC drilling programme conducted at the Gordons copper prospect in October-November, 1993.

2 SUMMARY

A programme of ten RC drill holes (459 metres) was completed during the quarter to test the near-surface extent of copper-cobalt mineralisation which crops out in MLN 634. Exploration of the prospect 25-30 years ago outlined a copper anomaly (+1000 ppm) over 500 metres long and 40-50 metres wide and a single drill hole at that time intersected 17 metres at 0.5% Cu at depth of 70-90 metres. Recent surface sampling detected anomalous levels of cobalt in association with the copper mineralisation which is hosted by dolomites and limestones of the McArthur Group.

The results of the current drilling are listed in Table 1 below.. They confirm the presence of economically interesting low grade copper-cobalt mineralisation over a strike length in excess of 300 metres. The mineralisation is open in all directions.

TABLE 1: GORDONS PROSPECT RC DRILLING SUMMARY

Hole (Depth)	E	N	Depth (Metres)	Interval (Metres)	Cu %	Co %
GPRC/1 (30m)	10000	4973	17-30	13	0.40	0.02
GPRC/2 (50m)	10001	4949			NSR	NSR
GPRC/3 (62m)	10001	4948			NSR	NSR
GPRC/4 (35m)	9960	4976	0-5 31-35	5 4	2.03 0.63	0.08 0.03
GPRC/5 (54m)	9960	4959	11-18 44-54	7 10	0.45 0.42	0.05 0.03
GPRC/6 (30m)	9909	4998	0-9	9	0.20	-
GPRC/7 (50m)	9910	4978	0-30 34-38	30 4	1.09 0.32	0.04 -
GPRC/8 (40m)	9860	4958	13-18 27-34	5 7	0.36 0.86	0.03 0.02
GPRC/9 (52m)	9735	4940 incl.	18-52 23-30	34 7	0.53 1.67	0.01 0.03
GPRC/10 (56m)	10040	4979	0-19	19	0.35	0.01

NSR - No Significant Results

3. TENURE

The locations of the titles are shown on Figure2.

Mineral Lease MLN624 of 16.18 hectares was granted on 24/10/71 for a period of 20 years and subsequently renewed until 31/12/96.

Exploration Licence 8011 of 19 blocks was granted to Robert Michael Biddlecombe on 27/1/93 for a period of six years.

In July 1993, Mount Carrington Mines Limited secured a twelve month option to acquire at least an 80% interest in both titles and in adjacent EL7730.

In August 1993, Moonstone Diamond Corporation NL entered an agreement with Mount Carrington Mines Limited to explore all three titles for diamonds. Under this arrangement Moonstone may attain at least a 60% interest in any diamond project located within the titles subject to satisfying certain undertakings.

4 GEOLOGICAL SETTING

Mount Carrington's titles around the Gordons copper mine cover mainly arenites, carbonates and cherts of the Middle Proterozoic Tawallah and McArthur Groups. These are underlain in the south-east by Early Proterozoic acid to intermediate volcanics and volcanic sediments of the Scrutton Volcanics and are overlain, especially in the central-north, by arenites and minor siltstones of the Late Proterozoic Roper Group (Figure 2). The transition between the Tawallah and McArthur Groups is essentially conformable whereas unconformities separate these Groups from the underlying volcanic basement and overlying arenaceous sediments.

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7 WORK COMPLETED - 1993

In July 1993 the author conducted a brief reconnaissance visit to the Gordons prospect. Samples taken at the time confirmed the presence of economically interesting levels of cobalt with obvious secondary copper mineralisation (Mount Carrington Mines Limited, 1993.).

In late October and early November 1993 ten RC percussion holes totalling 459 metres were drilled under the surface indications of copper mineralisation over a strike length of 300 metres. The holes were logged and sampled in 1 metre intervals - 2-3 kilogram samples were collected by an automatic riffle splitter mounted on the B80 drill rig which was operated by Thompson Drilling (NT.) Pty Ltd from Pine Creek. Residues from samples were collected in large plastic bags and stored in a orderly fashion beside each drill site.

Holes were located relative to a temporary hip-chain and compass grid aligned on magnetic north. All holes were collared with 2-4 metres of PVC casing and sealed with foam. After completion of drilling the holes were capped and the casing was pushed below ground level and covered with soil to a depth of at least 0.3 metres.

Samples were analysed by Assaycorp Pty Ltd in Pine Creek. Samples were dried entirely and crushed to -600um. A one kilogram split was then pulped to -75um prior to analysis. Cu, Pb, Zn, Ni, Co and Ag were determined by AAS after digestion in a HCl/HNO₃/HClO₄ solution.

Samples were not analysed for gold as previous surface samples had not returned any indication of that element.

8 RESULTS - 1993

The locations of the drill holes completed in 1993 are shown approximately on Figure 3 in relation to the surface geology (mapped by explorers in the 1960s). Distribution of holes is also shown on Figure 4 and copper and cobalt assays are illustrated on cross-sections in Figures 5-10. Geological logs of percussion chips are included in Appendix 1 and analytical results sheets are included in Appendix 2. Reference samples of the chips have been retained by EEE.

All ten drill holes intersected variable thicknesses of economically interesting levels of copper-cobalt mineralisation. In eight holes the intervals themselves were significant (Table 1.). For the most part there is a direct positive correlation between copper and cobalt values and to a lesser extent between these elements and nickel and silver as well.

Comparison of analytical results with the geological logs suggests that limestone rich units in the sequence are preferentially mineralised. It is unclear whether the calcite in the limestone is a primary component or has replaced dolomite as part of the mineralising process. Jasper, and in the oxidised sections, limonite (after pyrite? and chalcopyrite?) appear to be ubiquitously associated with copper-cobalt mineralisation. These minerals are probably replacement products of the mineralising event.

On 9960E Section (Figure 8), there is a strong indication that the copper-cobalt mineralised zones dip 40-50° to the south parallel to the enveloping strata and that the better grades are restricted to limestones rich horizons - though the presence of jasper also appears to be of critical importance.

While the copper-cobalt mineralisation on the other sections can be interpreted to be similarly distributed there is also a suggestion that the better mineralisation is constrained within or adjacent to a near vertical, east-west striking, transgressive fault/shear zone especially where this zone cuts the limestone-rich units in the sequence. This is best illustrated on 9910E Section (Figure 7) which corresponds with the diamond drill hole completed by Carpentaria Exploration Pty Ltd in 1962. This hole intersected 40 metres of variably mineralised limestone before intersecting 17 metres of stronger mineralisation (0.5% Cu) 40-50 metres vertically below the mineralisation in GPRC7 of the recent programme. The upper 12 metres of stronger mineralisation in DDH1 was in massive grey impure limestone and the remaining 5 metres was in sheared jasper-limestone breccia.

There is some evidence from the drill logs that the sedimentary units on 9910E Section (and further west, Figures 5 and 6) dip much more steeply (60-75°) to the south than on the sections further to the east and this may explain the steeper attitude of the mineralisation on the western sections.

On the eastern sections (10000E and 10040E, Figures 9 and 10) where the strata appears to dip 40-50° to the south the distribution of copper-cobalt is consistent with either stratigraphic/lithologic control or shear zone control. The evidence is a little stronger for the latter. On 10000E the wide barren sections in GPRC2 and GPRC3 correspond with dolomite shale intervals. (If stratigraphic/lithologic control is real, then these barren sections could only be explained by lateral facies variations in the interbedded limestone/dolomite sequence, which is not unreasonable).

9 ASSESSMENT

The combination of several geological factors support continued exploration of the Gordons mine as a cobalt-copper target. The information accumulated to date suggests copper alone is too low in grade to warrant further effort. In contrast, at present metal prices, cobalt grades as low as 0.1% (\$35/tonne of ore) provide an attractive open-cut proposition and Gordons should continue to be tested in this context.

Besides the demonstrated existence of copper-cobalt mineralisation at Gordons the other geological features which support continued exploration are:

- (i) the association of cobalt, arsenic and copper which suggests a style of hydrothermal mineralisation not previously recognised in the region;
- (ii) complex graben-style block faulting which could provide access for mineralising fluids;
- (iii) the ridge of magnetism under the area which probably reflects a concealed basement of acid volcanic rocks (the Scrutton Volcanics?);
- (iv) the presence of reactive rocks in the sequence to trigger deposition of economic mineralisation; and
- (v) the existence of the broad gravity low implying a crystalline or granitic basement dome at depth which may have been a source of mineralising fluids as well as a source of heat to instigate fluid convection in the overlying sequence both during and after sedimentation.

Mt Isa-type carbonate-replacement copper-cobalt mineralisation may be expected in such a geological environment.

The acid-to-intermediate Scrutton Volcanics are a potential host for epithermal gold mineralisation though there are many other factors which must be satisfied. BLEG stream sediment sampling is an effective and relatively inexpensive first-pass method of assessing this potential. Such sampling should be carried out when Mount Carrington next has a presence in the area.

The Batten Trough region (in which the Gordons titles lie) is currently being actively explored for diamonds following the recent success at the Merlin prospect in the south of the region. There is a strong possibility that a joint venture could be secured with one of the major participants in this search to have the area of Mount Carrington's titles explored for these gemstones.

10 PROPOSED BASE METAL EXPLORATION - YEAR 2

Base metal exploration proposed for Year 2 of EL8011 includes:-

- detailed geological grid mapping within a 500-600 metre radius of Gordons prospect;
- reconnaissance geological mapping within a 5 kilometre radius of the Gordons prospect;
- orientation geochemical soil sampling and stream sediment sampling around the Gordons prospect to ascertain the level and extent of cobalt dispersion which results from Gordons;
- if sufficient cobalt response is detected, geochemical stream sediment sampling across all of Mount Carrington's titles at Gordons (several earlier surveys did not include analyses for cobalt);
- additional RC reconnaissance drilling and at least 200 metres of diamond core drilling at Gordons to:
 - i) test the lateral and depth extent of the copper-cobalt mineralisation,
 - ii) attempt to locate higher grade expressions of the mineralisation (eg possible deeper intersections of the interpreted shear/feeder zone with thicker limestone-rich units);
 - iii) identify the controls on the mineralisation to refine further the exploration target/model;
- repeat and extend the geochemical soil sampling over an area of about 1 kilometre radius around Gordons and other known copper shows in the immediate area.

BLEG sampling for gold over the Scrutton Volcanics is also contemplated. Diamond exploration is planned by Moonstone Diamond Corporation NL.

11 REFERENCES

ANONYMOUS, 1984, Exploration Licence 2567 Tawallah, Mount Young, NT, final report. *BHP Minerals Limited unpublished report, NTDME CR84/220.*

FITCH, F.A., 1966, Evaluation of Authority to Prospect 1191, Coppermine Creek area, Northern Territory. *Kennecott Explorations (Australia) Pty Ltd unpublished report, NTDME CR66/35.*

KENNETH McMAHON & PARTNERS PTY LTD, 1968, Final report on the Tawallah Range (AP No 1976) Area, NT. *Amad NL unpublished report, NTDME CR68/001.*

LORD, J.R., 1969, Stream sediment reconnaissance geochemical survey of the Amelia Dolomite, west of the Tawallah Fault, McArthur River District, Northern Territory. *Carpentaria Exploration Company Pty Ltd unpublished report 158.*

MARLOW, N.G., 1963, Exploration in the Carpentaria Authority to Prospect No 983 during 1962. *Carpentaria Exploration Company Pty Ltd unpublished report 20, NTDME CR63/4.*

MOUNT CARRINGTON MINES LIMITED, 1993, Prospectus for issue of shares. Dated 26 July.

NENKE, J., 1977, Exploration Licence No 1372 "Tawallah Range, NT" annual report 1977. *Carpentaria Exploration Company Pty Ltd unpublished report 619, NTDME CR78/022*

PIETSCH, B.A., WYCHE, S., RAWLINGS, D.J., CREASER, P.M. and FINDHAMMER, T.L.R., 1991, 1:100,000 Geological map series explanatory notes McArthur River region. *Northern Territory Geological Survey, Darwin.*

RAWLINGS, D.J., MADIGAN, T.L., PIETSCH, B.A., and HAINES, P.W., 1993, 1:100,000 Geological map series explanatory notes Tawallah Range. *Northern Territory Geological Survey, Darwin.*

SIMPSON, P. and DENNIS, R.W., 1982, Exploration Licence No 1372 "Tawallah Range" Northern Territory final report. *Carpentaria Exploration Company Pty Ltd unpublished report 1164, NTDME CR82/388.*

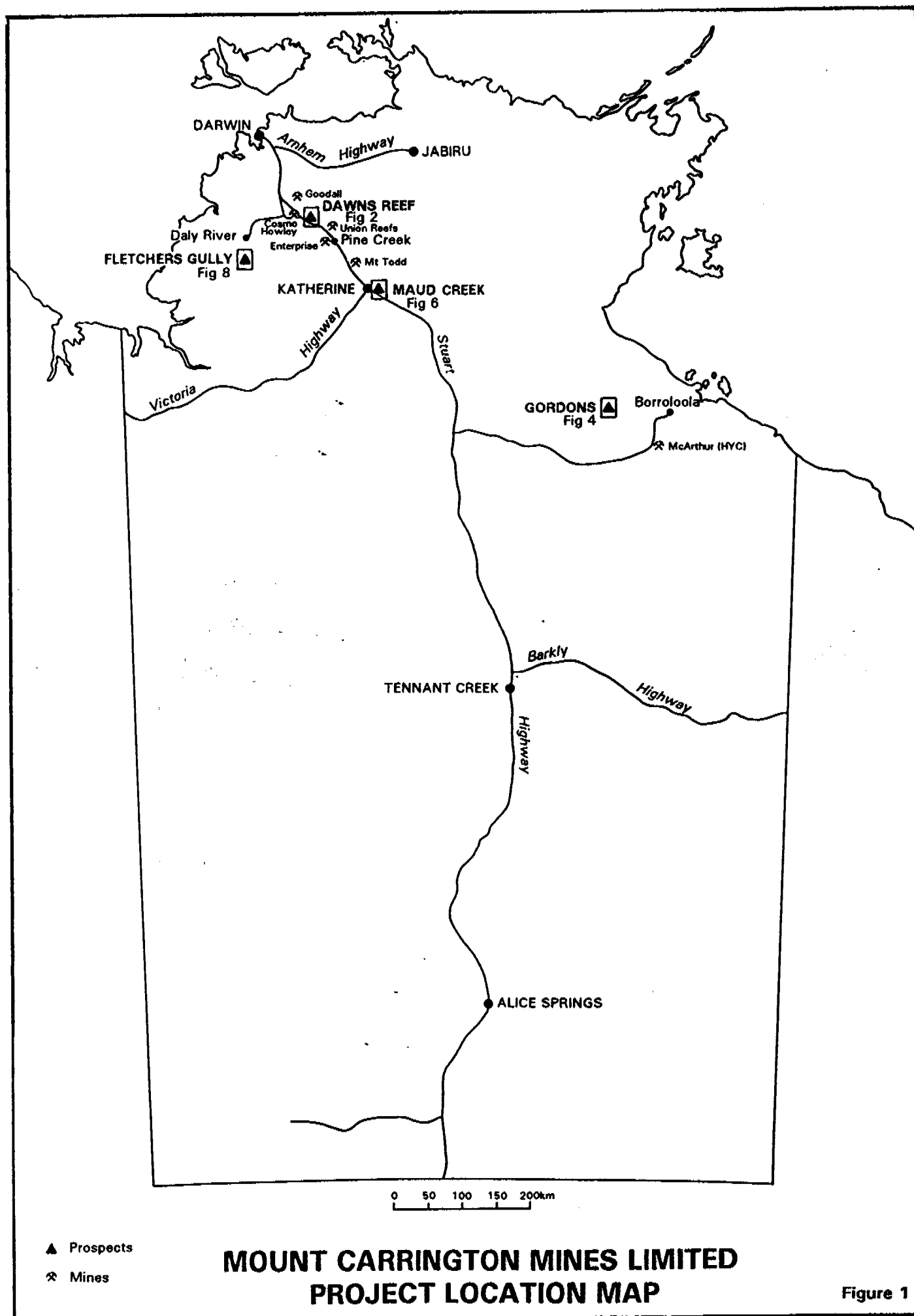


Figure 1

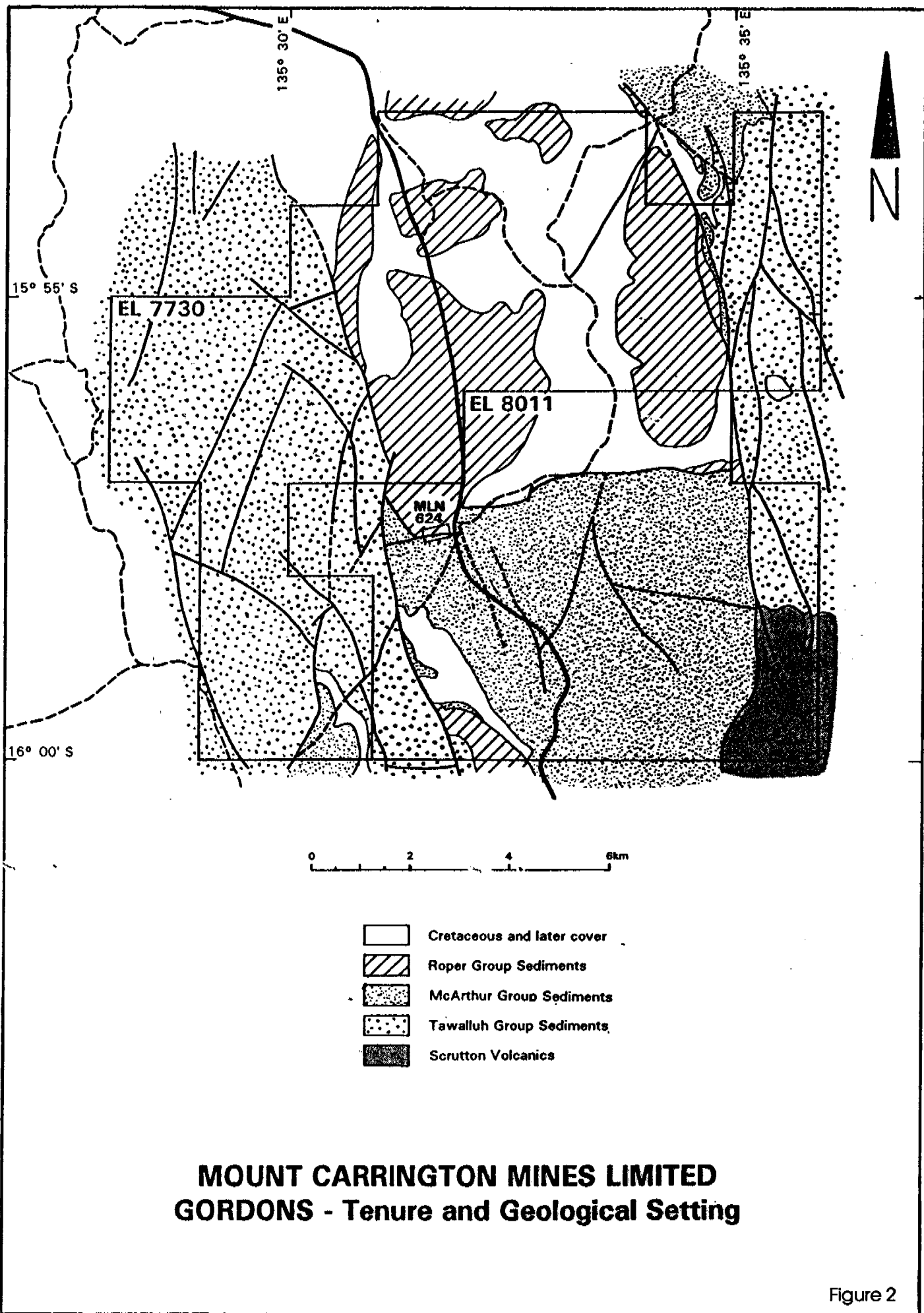
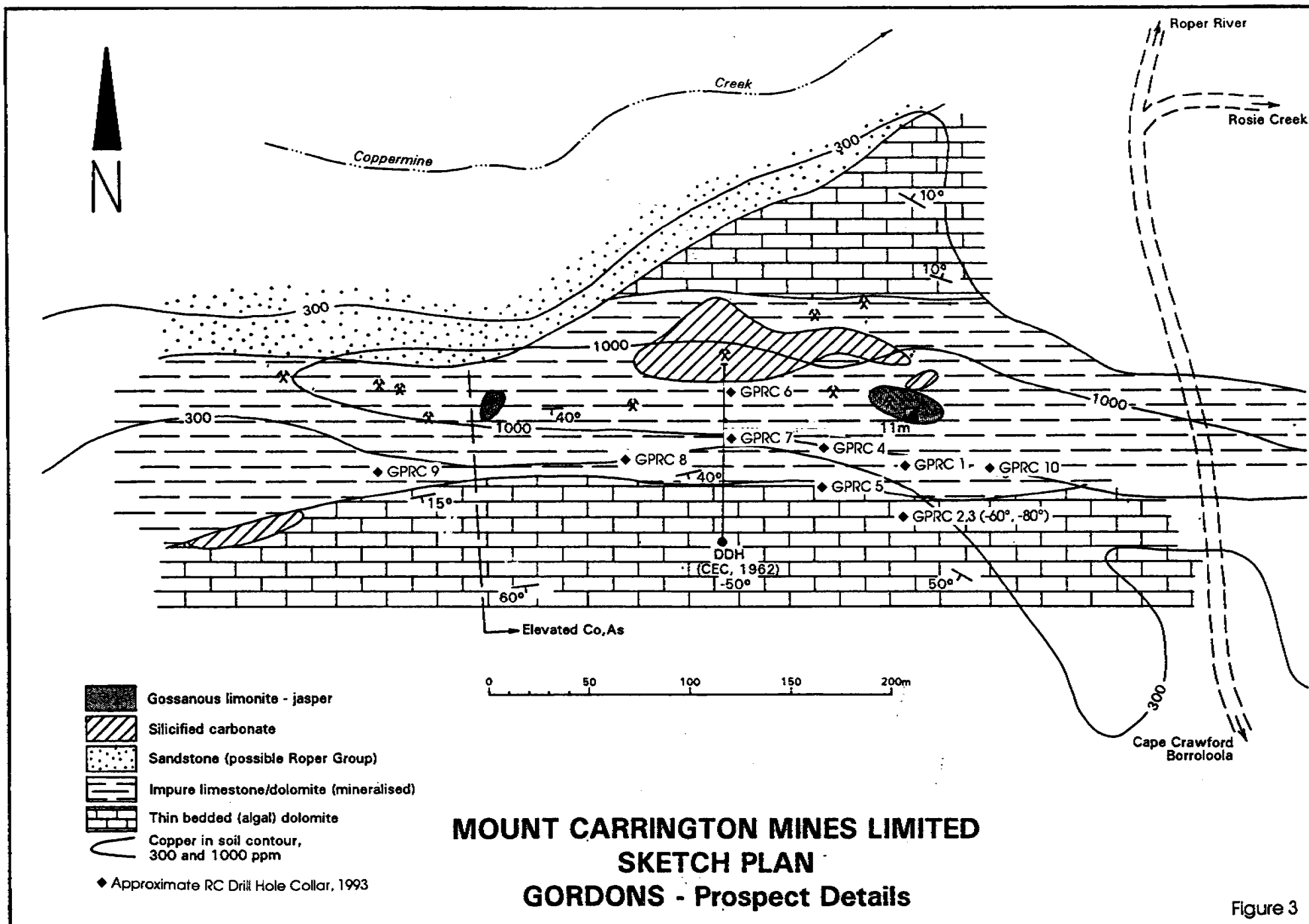


Figure 2

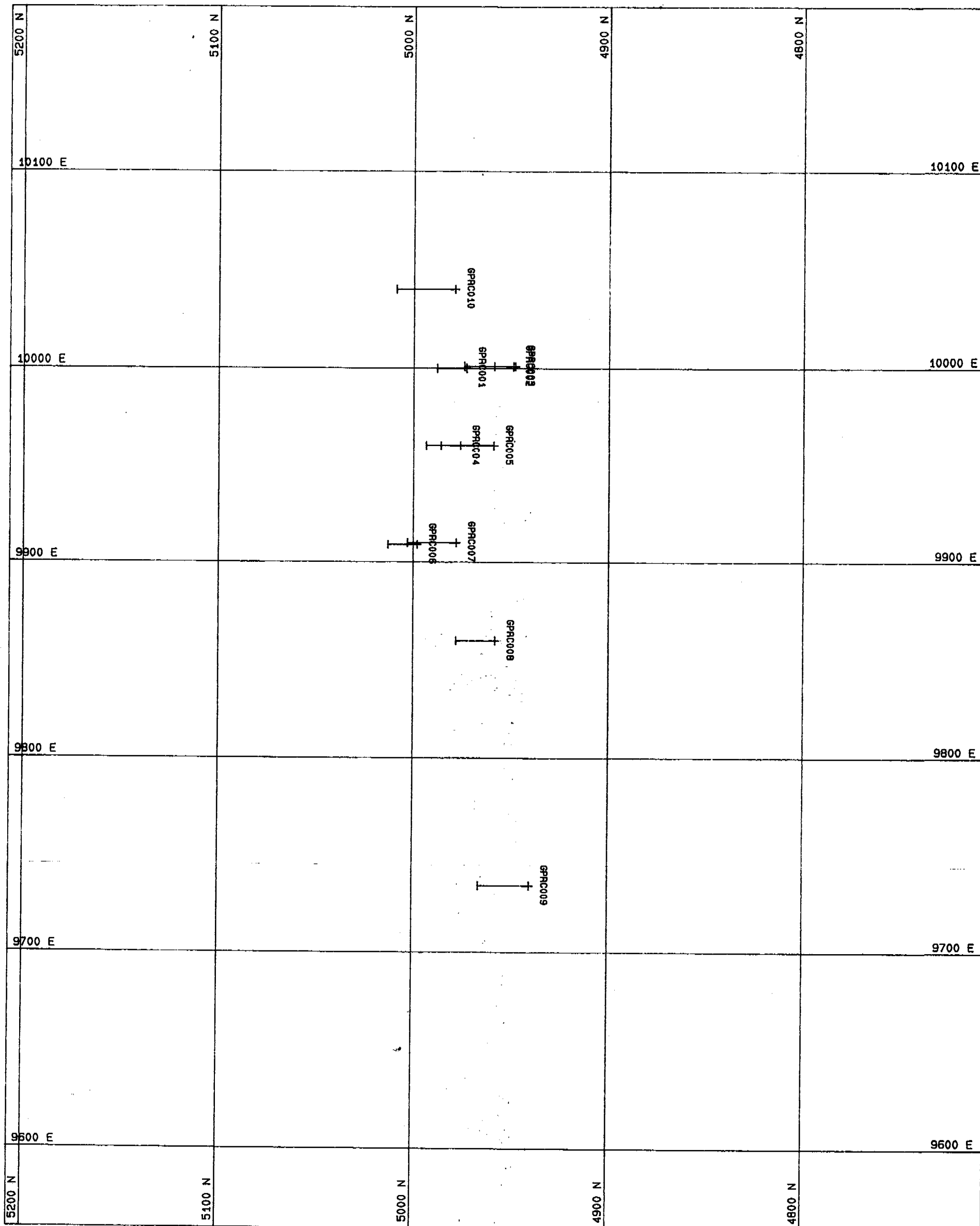


MOUNT CARRINGTON MINES LIMITED

	Init	Date
Surveyor	JS	
Drawn		
Checked		
Approved		

MOUNT CARRINGTON MINES LIMITED
GORDONS PROJECT N.T. EL8011
PLAN OF DRILLHOLE LAYOUT

File : PL07000
Scale : 1 : 2000
Date : 19 Jan 1994
Figure 4



Eupene Exploration Enterprises

	Init	Date
Surveyor	JG	
Drawn		
Checked		
Approved		

MOUNT CARRINGTON MINES LIMITED

GORDONS PROJECT NT: EL8011

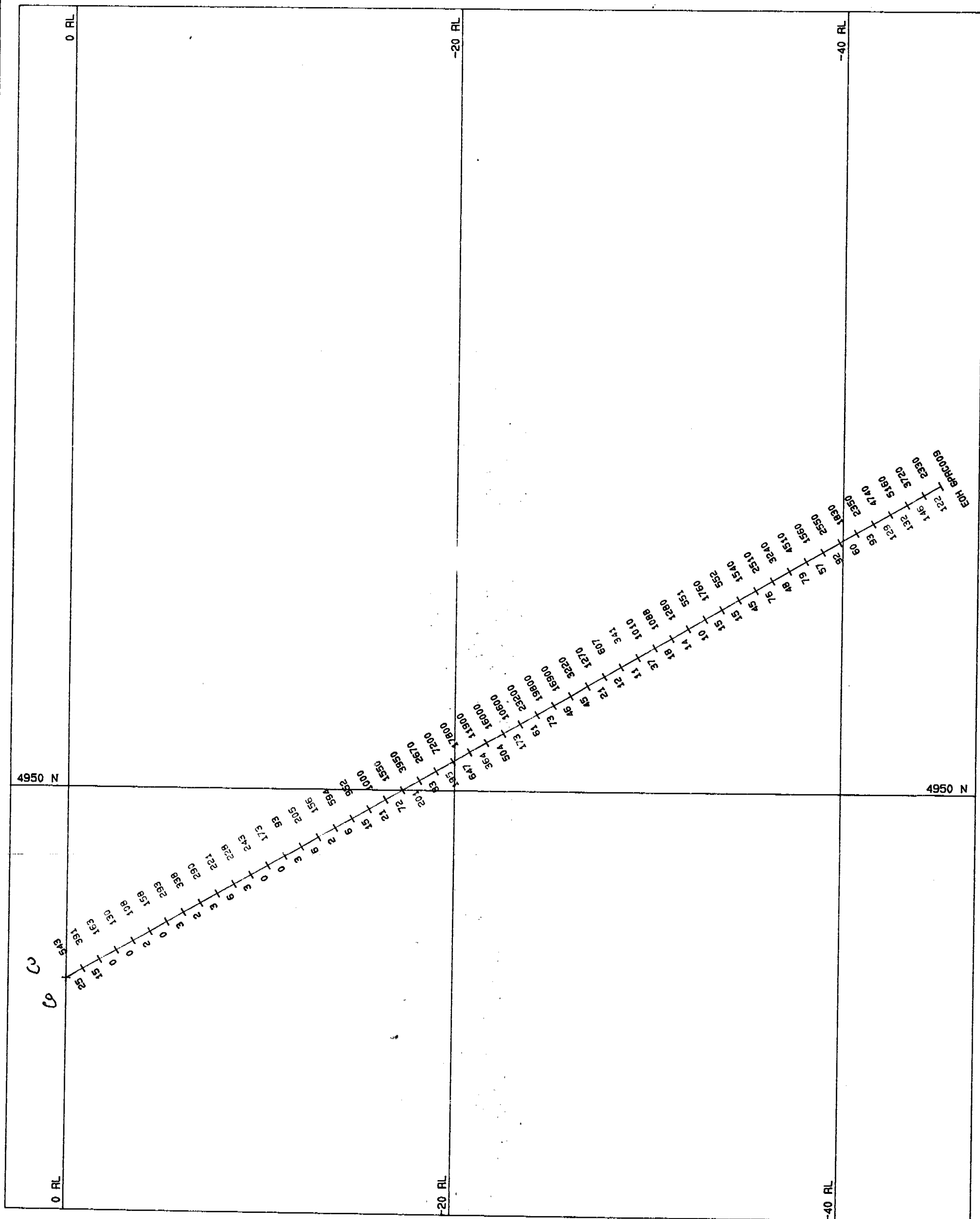
SECTION 9735E: Cu AND Co (ppm)

File : PLOT001

Scale : 1 : 200

Date : 19 Jan 1994

Figure 5



Eupene Exploration Enterprises

	Init	Date
Surveyor	JB	
Drawn		
Checked		
Approved		
gpc		

MOUNT CARRINGTON MINES LIMITED

GORDONS PROJECT NT: EL8011

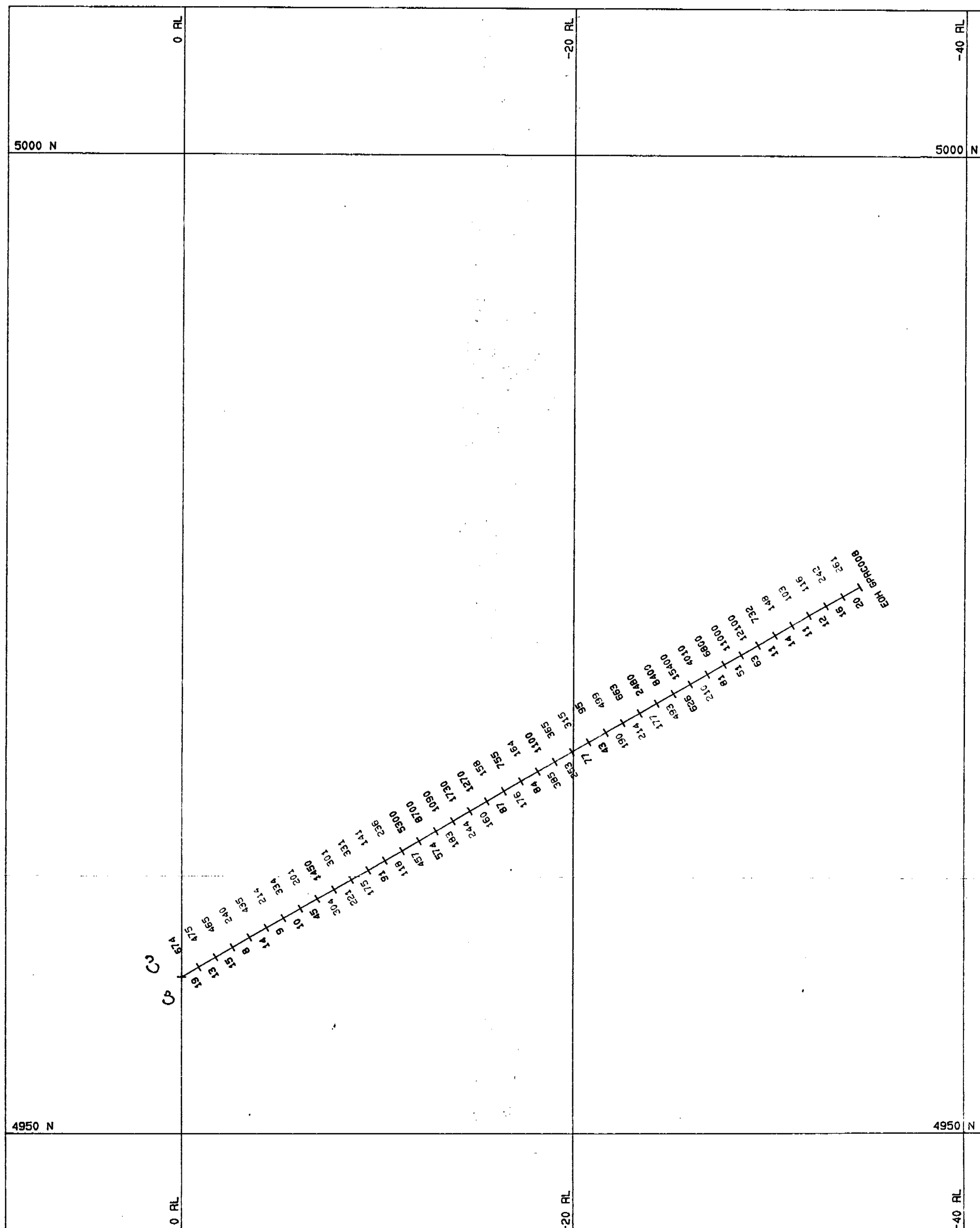
SECTION 9860E: Cu AND Co (ppm)

F110 :PLOT002

Scale : 1 : 200

Date : 19 Jan 1994

Figure 6

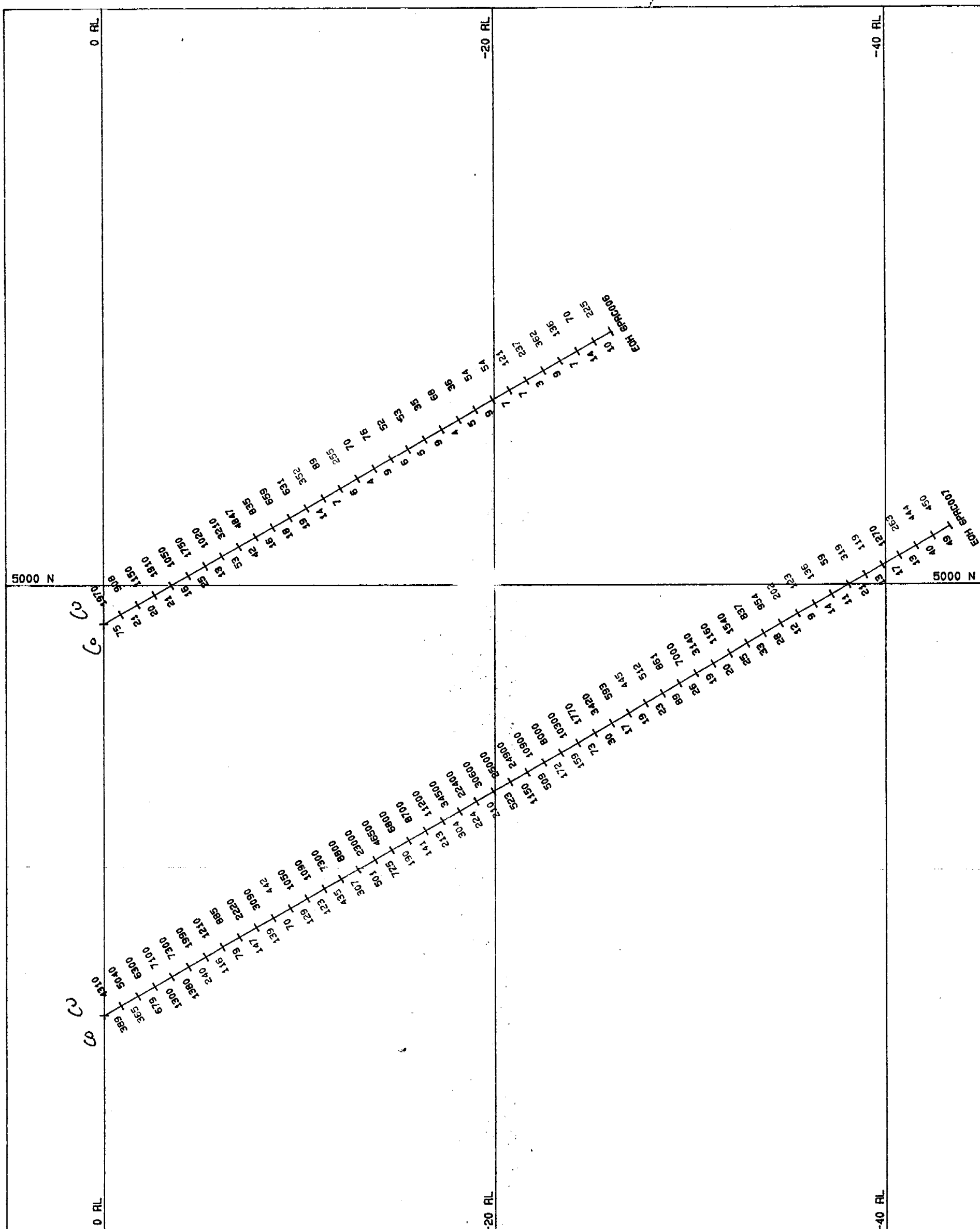


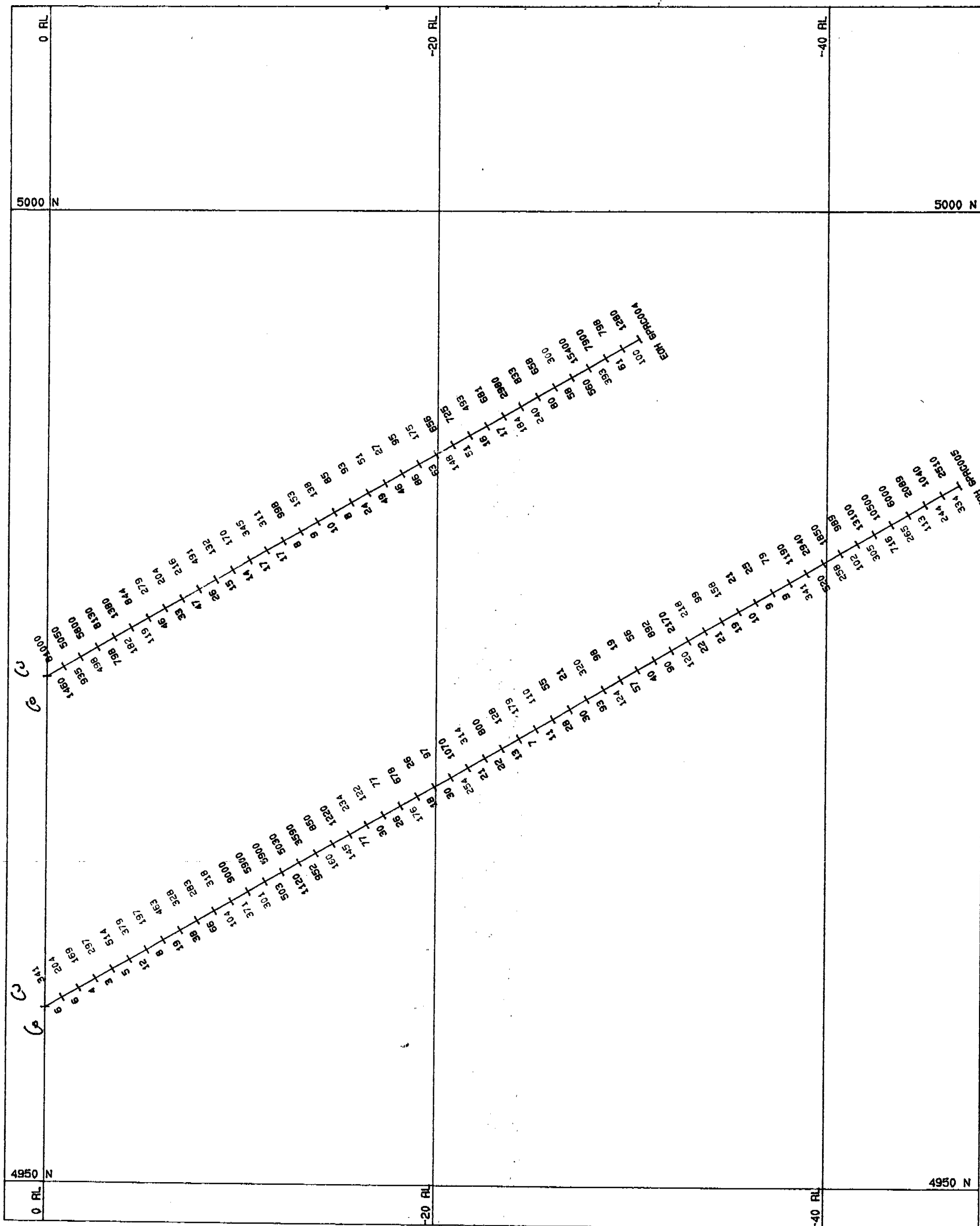
Eupene Exploration Enterprises

	Init	Date
Surveyor	JH	
Drawn		
Checked		
Approved		

MOUNT CARRINGTON MINES LIMITED
GORDONS PROJECT NT: EL8011
SECTION 9910E: Cu AND Co (ppm)

File: PL07003
Scale 1: 200
Date: 19 Jan 1984
Figure 7

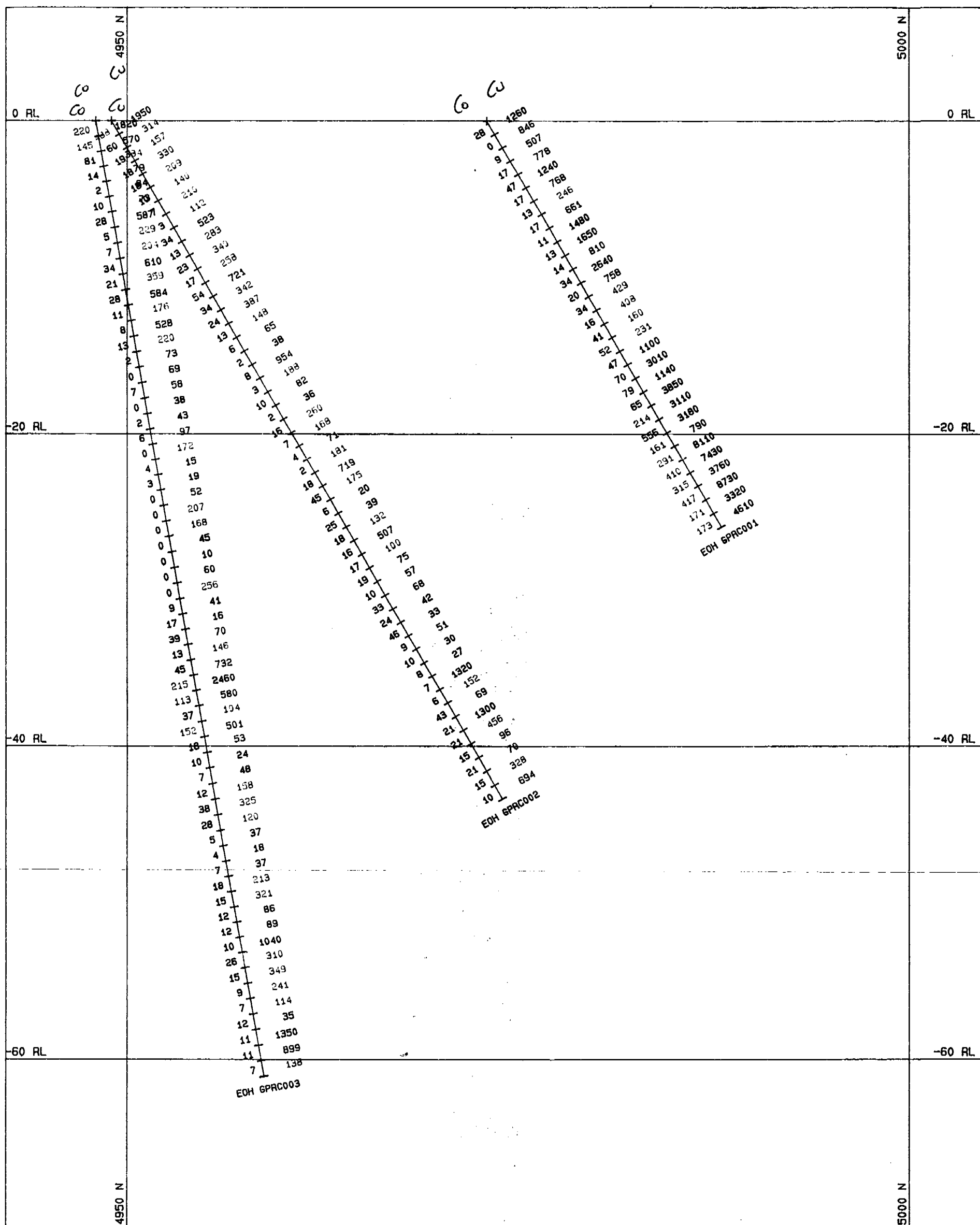




	Init	Date
Surveyor	JS	
Drawn		
Checked		
Approved		

SECTION 10000E: Cu AND Co (ppm)

Figure 9

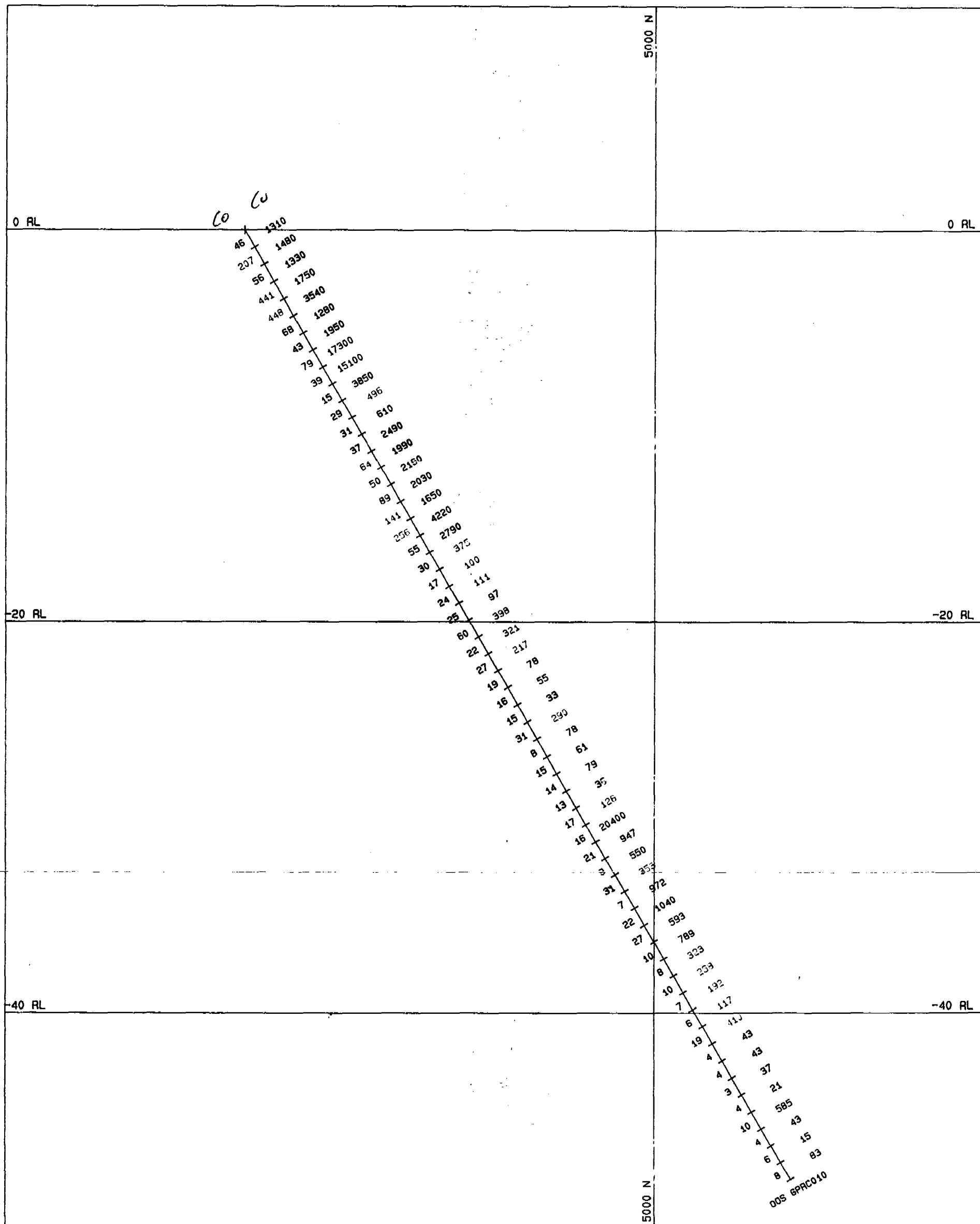


Eupene Exploration Enterprises

	Init	Date
Surveyor	JE	
Drawn		
Checked		
Approved		

MOUNT CARRINGTON MINES LIMITED
 GORDONS PROJECT NT: EL8011
 SECTION 10040E: Cu AND Co (ppm)

File : PL07006
 Scale : 1 : 200
 Date : 19 Jan 1994
 Figure 10



Appendix 1

RC Drill Logs - Gordons

GPRC1-10

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GordonsHOLE NO: GPRC 1COLLAR: 1000B E 4973 N RLAZIMUTH: 0 mag ° Mag/GridINCLINATION: -60 °DRILL METHOD: RC FSDATE DRILLED: 29/10/93LOGGED BY: R. BertelsenSHEET: 1.1.2

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	cpy	apy	cht	lim	cal	
0	1	11901	rd br soil + dol frags.							
	2		rd br y. w dol. + yell dol						tr	
	3		pk br sil dol/cht						tr	
	4		y br dol. min rd						tr	
	5		rd dol + sil dol (contg?)	2					tr	
	6		rd y dol	2	tr			5	5	
	7		rd (lign) fa dol						tr	
	8		rd br dol - fa						5	
	9		" " "						5	
	10		rd br fa lam dol sh						5	
	11		rd br " " "						5	
	12		y br limonitic dol sh						2	
	13		rd gr fa dol							
	14		rd y br partially sil dol	1	tr				5	
	15		rd gr lign dol					tr	5	
	16		rd br gr fa dol sh + tr					tr	5	
	17		rd dol					1	2	
	18		rd gr weak sil dol	1	tr				5	
	19		gr (rd) weak sil dol. inst		tr			1	2	
	20		y gr weak sil dol					1	2	
	21		y rd dol - cal vein					1	2	
	22		limonitic rock. y br					50	5	
	23		" " "					50	5	
	24		gr dol/linst.		1				5	
	25		gr wk dol/linst cal veins						10	
	26	11926	gr dol/linst						5	

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE:GORDONS.....

HOLE NO: GPRC 1

COLLAR: -...10000... E ...4973... N RL

AZIMUTH:0...° (Mag/Grid) INCLINATION: ...-60...° DRILL METHOD: RCFS.....

DATE DRILLED: 29/10/93 LOGGED BY: RRB SHEET: 2/2

[illegible]

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORDONSHOLE NO: 6PRC 2COLLAR: 10001 E 4949 N RLAZIMUTH: 0° Mag Grid INCLINATION: -60° DRILL METHOD: RCDATE DRILLED: 30/10/93 LOGGED BY: RRB SHEET: 1.1.2.

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	cpy	apy	cht	lm	cal	
0	1	11931	lb gy. limst dolom - xstalline					5		
	2		gy. crystalline dol limst		tr			1		
	3		gy br. xstalline dol limst + lg dol sh.					5		
	4		" " " "					5		
	5		" " " "					10		
	6		ybr drgy xstal dol limst + lg sil dol					5		
	7		ybr lg dol sh							
	8		ybr lg dol sh							
	9		" " " "							
	10	11931	gy br. cryst dol limst + dol sh							
	11	11941	ybr dol sh + min xstal dol limst							
	12		ybr gy dol sh + xstal dol limst							
	13		ybr dol sh							
	14		ybr dol sh							
	15		ybr dol sh + xstal dol limst							
	16		gy br. " " min calcite veins							
	17		gy (gr) dol sh							
	18		br gy dol sh							
	19		gy xstal dol limst + min dol sh		tr					
	20	11941	br gy dol sh							
	21	11951	" " " "						5	
	22		br gy laminated dol sh							
	23		gy + wh xstalline dol limst		tr					
	24		br gy laminated dol sh + min xstal dol							
	25		" " " "							
	25		br gy dol sh							

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORDONSHOLE NO: GPRC 2COLLAR: 10001 E 4949 N RLAZIMUTH: 0° (Mag/Grid) INCLINATION: -60° DRILL METHOD: RCDATE DRILLED: 30/10/93 LOGGED BY: RRB SHEET: 212

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	cpy	apy	cht	lim	py	
26	27	11957	bk dent? + gybn dol sh.							
	25		fg bngy dol sh + algal l linst.							
	29		fg bngy dol sh							
	30		" " "							
	31		gy rd dol sh, hem jasper?							
	32		rd gy jasper, dol sh							
	33		dkgy rd dol sh, jasper lenses, rht.			tr				
	34		dkgy rd dol sh, jasper + rht							
	35		gy rd dol sh + jasper bx							
	36		gy dol sh			tr		tr		
	37		dkgy dol sh + min jasper			tr				
	38		gy dkgy dol sh + xstline linst bx?							
	39		bngy dol sh + min "							
	40		bngy lam dol sh + xstl linst bx							
	41		gy rd dol sh + lim a fracture					10		
	42		gy rd dol sh, jasper + xstline linst bx							
	43		gy xstal twine + dol sh						tr	
	44		gy rd xstal linst, jasper bx			tr				
	45		gy rd xstal linst jasper bx			tr			tr	
	46		" " " "			tr			tr	
	47		dkgy rd xstal linst min jasper bx							
	48		dkgy xstal linst							
	49		" " " min jasper							
	50		dkgy rd " + jasper bx							

EXPLOREM IN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORDONSHOLE NO: GPRC 3COLLAR: ~~770~~ 1000 E 4948 N RLAZIMUTH: 0 Mag/GridINCLINATION: -80 °DRILL METHOD: RCDATE DRILLED: 30/10/93LOGGED BY: RBSHEET: 1 / 3

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	py	apy	cht	lim	cpy	
0	1	11981	rd soil + xtall linst.							
	2		dk grey crystalline linst.							
	3		dk grey " " + lg dol							
	4		y br dk grey dol sh + crystalline linst							
	5		" " " " " "							tr
	6		dk grey fine grain dol c calcite v. var.					10		
	7		y br dol sh							
	8		" " " " " "							
	9		y br dol sh							
	10	11990	y br dol sh							
	11		y br " " " "							
	12		y br dol sh + xtall crystalline linst.							
	13		y br dol sh							
	14		y br dol sh min calcite var.							
	15		" " " " " "							
	16		" " " " " "							
	17		gr. crystalline limestone							
	18		green laminated dolomite sh - fg							
	19		" " " " " "							
	20	1200	" " " " " "							
	21	49501	" " " " " "							
	22		" " " " " "							
	23		" " " " " "							
	24		" " " " " "							
	25		y br lam dol sh + crystalline linst.							
	26	49506	" " " " " "							

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: CrocodonsHOLE NO: 6-RC 3COLLAR: 10001 E 4948 N RLAZIMUTH: 0° Mag Grid INCLINATION: -80° DRILL METHOD: RCDATE DRILLED: 30/10/93 LOGGED BY: RRB SHEET: 2/1/3

DEPTH (m)		SAMPLE NO	DESCRIPTION	qtz	py	apy	cht	lm	spg
From	to								
26	27	49507	brgy dol sh						
	28		" " min horn staining						
	29		brgy dol sh						
	30		" " - laminated						
	31		" " "						
	32		brgy dol sh min breccia						
	33		dkgy dol sh						
	34		Hsdkgry pk dol sh + dgal linst						
	35		pk v hgy dol sh jasper + dolomite						
	36		pkgy xstall linst + horn stained dol sh						
	37		pkgy xstall linst + jasper						tr
	38		" " " "						tr
	39		brgy pk lam dol sh min xstall linst						
	40		brgy dol sh - dolomite / cal var		tr				tr
	41		brgy fractur - varied dol sh						
	42		" " " "						
	43		brgy lam dol sh						
	44		rdgy limest jasperoidal dol sh						
	45		gy rd b- xstall linst jasper dol sh						tr
	46		brgy dg dol sh - rgs vein						
	47		dkgy b- dol sh w dol var						
	48		Hbrgy dol sh w dol var						
	49		Hrd br dol sh dol var						
	50		gy Hbr dol sh + crystalline linst						
	51		brgy dol sh jasper bx						tr
	52		" " " + crystalline linst						

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: CrocodonsHOLE NO: GPRC 3COLLAR: 10001 E 4948 N RLAZIMUTH: 060 (Mag/Grid) INCLINATION: -80 ° DRILL METHOD: RCDATE DRILLED: 30/10/93 LOGGED BY: RRB SHEET: 3.1.3

DEPTH (m)		SAMPLE NO	DESCRIPTION						
From	to		Lithology	qtz	py	apy	cht	lim	cpy
52	53	49533	gy. crystalline l lust						
	54		lgy. 37.6 wh dol vein dol sh						tr
	55		lgy. lam dol sh						
	56		lgy. 57 crystalline lust + dol sh						
	57		gy. crystal l machine vein l sh						
	58		gy. 60 crystalline lust + dol sh						
	59		" " " "						
	60		gy. xst lust, l sega. bx	1					1
	61		gy. xst lust						
	62		gy. " " dol vein						

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

5000
74PROSPECT/MINE: GORDONSHOLE NO: BPRC 4COLLAR: 9960 E 4976 N RLAZIMUTH: 0 Mag/GridINCLINATION: -60 °DRILL METHOD: RCDATE DRILLED: 31/10/93LOGGED BY: R.R.B.SHEET: 1.12.

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	py	apy	cht	lm	cpy	
0	1	49543	rd. limonite sand + dol sh					20		
	2		grd. limonite + dol sh					20		
	3		grd wh. xstalline lmst. + dol sh					10		
	4		rd br. red dol sh + xstalline lmst					5		
	5		y br. limonite dol sh					20		
	6		y. " " "					20		
	7		y br. " " "					20		
	8		gr. x. crystalline lmst + dol sh					10		
	9		gr. y br. " " "					5		
	10		y br. laminated dol sh							
	11	49553	ll br. dol sh							
	12		ll br. " "							
	13		ll br. dg. dol sh ^{min} calcite veining							
	14		" " " " " + xstl lmst							
	15		ll br. dg. dol sh + xstl lmst							
	16		" " " " " min calcite veining							
	17		ll br. dol sh - box works					10		
	18		ll br. laminated dol sh							
	19		dg. dol sh							
	20		dg. " " " cal veining					10		
	21	49563	gr. xstl lmst + dg. dol sh + cal var							
	22		" " " " " + cal var							
	23		dg. dol sh - calcite veining		2				tr	
	24		dg. br. dol sh + lam dol sh - calcite		2				tr	
	25		gr. rd. dol sh - gasper br. calcite		1				1	
	26	49568	gr. rd. lam dol sh + gasper							

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE:GORDONS.....

HOLE NO: GPRC 4

COLLAR: - 9960 E 4976 N RL

AZIMUTH: 0° (Mag/Grid) INCLINATION: -60 ° DRILL METHOD: RC

DATE DRILLED: 31/10/93 LOGGED BY: RRB SHEET: 2.1.2.

DEPTH (m)		SAMPLE NO	DESCRIPTION	qtz	py	apy	cht	lim	cpy
From	to								
26	27	49569	gy. br. lam. dol. sh. - calcite						tr
	28		gy. br. " " "						
	29		gy. xst. linst. min. jasper						1
	30		gy. y. " " + limonite					10	
	31		gy. xst. linst. min. jasper						
	32		gy. rd. xst. linst. - jasper col. bx						5
	33		" " " " " "						5
	34		gy. xst. linst.						
	35	49577	gy. dbgy. xst. linst. + dol. sh.						

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

4928
17
4959

PROSPECT/MINE: Gordons Prospect

HOLE NO: GPRC5

COLLAR: 9960 E 4959 N RL

AZIMUTH: 000 Mag/Grid INCLINATION: -60 DRILL METHOD: RC

DATE DRILLED: 31/10/93 LOGGED BY: RB SHEET: 1.1.2

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	py	apy	cht	lm	cpy	
0	1	49578	rd y. soil + dol sh					20		
	2		rd y dol sh							
	3	49580	" " "							
	4		Y rd clayey dol sh							
	5		rd y dol sh							
	6		" " "							
	7		lt y gn clay dol sh							
	8		" " "							
	9		" " o dol sh							
	10		dbn y dol sh bx + Jasper					5		
	11		lt bn dol sh					5		
	12		rb bn dol sh + Jasper bx?					10		
	13	49590	As above + xstal lnst					10		
	14		As Above					10		
	15		gy xstalline limestone		tr				tr	
	16		o laminated dol sh + lnst					20		
	17		As above.					10		
	18		ybn dol sh					5		
	19		lt gn laminated dol sh					5		
	20		bn gr dol sh		2			5	tr	
	21		gr laminated dol sh					1		
	22		gr lam dol sh - calcu @ var							
	23	49600	bn gr " " "							
	24		" " " " "							
			gr crystalline lnst						tr	
		49603	gr bn " " + dol sh							

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GOK DONS

HOLE NO: GPRC 5

COLLAR: 9960 E 4959 N RL

AZIMUTH: 0 Mag/Grid

INCLINATION: -60 °

DRILL METHOD: RC

DATE DRILLED: 31/10/93

LOGGED BY: RRB

SHEET: 2/2

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	py	apy	cht	lim	spg	
26	27	49604	xstl lmst + calcite veins					5		
	28		gy xstl lmst + brgy dol sh							
	29		brgy dol sh							
	30		brgy br dol sh							
	31		brgy dol sh, min calcite veins							
	32		gy br dol sh							
	33	49610	gy brgy xstl lmst dol sh							
	34		gy xstl lmst - calcite vein		2				tr	
	35		brgy br dol sh							
	36		brgy dol sh + lmst							
	37		gy lmst dol sh + min Jasper							
	38		gy dol sh - calcite vein						tr	
	39		brgy dol sh - calcite vein							
	40		gy rd dol sh + Jasper						1	
	41		gy rd banded Jasper and dol sh							
	42		brgy dol sh + solid lmst - calcite							
	43	49620	gy rd banded dol sh + Jasper - calc vein							
	44		rd brgy dol sh + Jasper bx						tr	
	45		" " " "		1				tr	
	46		brecciated dol sh + lmst		1					
	47		" " " " + Jasper		1				tr	
	48		gy rd lmst dol sh + Jasper bx		1				1	
	49		" " " "						2	
	50		" " " "						2	
	51		gy lmst + dol sh bx min Jasper						1	
	52		" " " "						1	
	53		" " " "						tr	
	54	49631	" " " "						tr	

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORDONSHOLE NO: GPRC 6COLLAR: 9909 E 4998 N RLAZIMUTH: 0 Mag/Grid INCLINATION: 60 ° DRILL METHOD: RCDATE DRILLED: 1.14.93 LOGGED BY: FRB SHEET: 1.1.2

DEPTH (m)		SAMPLE NO	DESCRIPTION						
From	to		Lithology	qtz	py	apy	cht	lim	
0	1	49632	rd dol sh					10	
	2	3	rd dol sh					10	
	3	4	rd dol sh rd dol sh	1	tr			10	
	4	5	rd bx dol sh					20	
	5	6	rd " " "	5				20	
	6	7	rd br " " " + Jaspn					20	
	7	8	rd br " " " "					20	
	8	9	y br rd bx dol sh + Jaspn					10	
	9	40	y rd br bx dol sh + Jaspn					20	
	10	1	rd y bx Jaspn - calcite vein					20	
	11	2	rd y " " "					10	
	12	3	rd y " " "					20	
	13	4	br gy rd sil dol sh + Jaspn					10	
	14	5	br gy rd " " "					10	
	15	6	br rd sy dol sh					5	
	16	7	rd br dol sh					5	
	17	8	" " " "					5	
	18	9	rd br y dol sh					5	
	19	50	rd br dol sh					2	
	20	1	" " " "					2	
	21	2	rd br dol sh					10	
	22	3	rd br dol sh					5	
	23	4	" " " "					10	
	24	5	br gy rd dol sh					5	
	25	6	" " " dol sh					5	
	26	7	rd br dol sh + Jaspn		tr			10	

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: *VERBONVS*

HOLE NO: 6 PRC 6

COLLAR: 9909 E 4998 N RL

AZIMUTH:0.....° Mag/Grid INCLINATION: ...-60...° DRILL METHOD: ...RC.....

DATE DRILLED: 11/11/93 LOGGED BY: RRB SHEET: 2.1.2.

DEPTH (m)		SAMPLE NO	DESCRIPTION	qtz	py	apy	cht	lim		
From	to									
27		B	dk gr. bk wavy graphite shear + dol ch							
28		H	" " rd b " " " "							
29		b0	dk gr. rd dol ch + smazm							
30		b1	" ~ ~ ~ ~		1					

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GordonsHOLE NO: GPRC 7COLLAR: ... 9910 ... E ... 4978 ... N RLAZIMUTH: 0 ... Mag/Grid INCLINATION: -60 ° DRILL METHOD: RCDATE DRILLED: 1/11/83 LOGGED BY: R.B. SHEET: 1.1.2.

DEPTH (m) From to	SAMPLE NO	DESCRIPTION							
		Lithology	qtz	py	apy	cht	lm	CP	
0	1	49662 rd br limonite + soil					50		
	2	rd " + dol sh.					50		
	3	rd dol sh + limonite					30		
	4	" " " "					30		
	5	" " " "					30		
	6	rd dol sh min limonite					20		
	7	rd sil dol sh bx, minor Jasper							
	8	y br dol sh + min bx							
	9	49670 y br gy dol sh + xst linst							
	10	y br gy rd dol sh, xst linst min Jasper							
	11	y br dol sh, min xst linst							
	12	y br dol sh							
	13	y br rd dol sh + Jasper bx					20		
	14	75 gy br dol sh bx + calcite/dol					10		
	15	75 y br rd dol sh, Jasper bx - calc					10		
	16	gy y sil dol sh bx - calcite					10		
	17	y br sil dol sh, limonite + malachite					20		
	18	gy xst linst to malachite							tr
	19	49680 y gy dol sh + linst, trace malachite							
	20	" " " "							
	21	" " dol sh bx, min Jasper azurite + malachite							
	22	gy y linst + dol sh bx, malachite							
	23	gy y linst + dol sh - min malachite azurite							
	24	gy linst calcite min					10		
	25	dy gy linst - " "		1					tr
	26	" " " "		1					tr

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORDONSHOLE NO: GPRC?COLLAR: 9910 E 4978 N RLAZIMUTH: 0 Mag/Grid INCLINATION: -60 DRILL METHOD: RCDATE DRILLED: 11/11/93 LOGGED BY: ARRB SHEET: 2/2

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	py	apy	cht	lim	cey	
26	27		lnst + dol vein					5		
	28		lnst + dol sh						1	
	29	49690	dol sh, lnst gy (rd) min Jasper						tr	
	30		" " " " " "						tr	
	31		rd Jasper						tr	
	32		" " " " " "							
	33		rd Jasper							
	34		" " min dol sh							
	35		bk rd graphite sh-dol + Jasper						tr	
	36		rd Jasper bx						tr	
	37		rd Jasper lnst/dol							
	38		" " " " " "							
	39	49700	" " " " + bx							
	40		bk skoor zone, minor Jasper							
	41		dk grey shale							
	42		" " " " " "							
	43		" " " " " "							
	44		" " " " " "							
	45		" " " " " "							
	46		" " " " " "							
	47		" " " " " " possible contom.							
	48		" " " " " "							
	49	49710	" " " " " "							
	50	49711	" " " " " "							

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

6006

41

58

PROSPECT/MINE: GORDONSHOLE NO: GPRC.8COLLAR: 9860 E 49.58 N RLAZIMUTH: Q Mag/GridINCLINATION: -60 °DRILL METHOD: PCDATE DRILLED: 2.11.93LOGGED BY: R. BethelSHEET: 1.12.

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	py	apy	cht	lm	cr	
0	1	49712	dky dol sh + limonite					20		
	2		ybr gn dol sh							
	3		gn gr dol sh + cht							
	4		" " " "							
	5		br gr fg sil dol							
	6		ybr dol sh							
	7		ybr dol sh + bx							
	8		gy ybr sil dol bx							
	9	49720	gy rd br sil dol bx + jasper					10		
	10		" " " "					10		
	11		gy rd dol jasper bx					5		
	12		gy linst bx						tr	
	13		dky br linst + sil dol sh					5		
	14		rd gr linst + jasper					10		
	15		gy linst dol sh, calcite vein	tr					tr	
	16		gy linst, calcite vein	1					tr	
	17		gy y linst " " min jasper					5	tr	
	18		gy linst + dol sh						tr	
	19	49730	dky laminated dol sh - calcite vein					5		
	20		gy linst + calcite					5	tr	
	21		br gy dol sh min linst							
	22		gy dol sh					10		
	23		" " "							
	24		gy wh linst + calcite vein							
	25	36	br gy dol sh							
	26	49737	br gy dol sh + linst							

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORDON'SHOLE NO: GPR8 8COLLAR: 9860 E 9958 N RLAZIMUTH: 0° Mag/Grid INCLINATION: -60° DRILL METHOD: RCDATE DRILLED: 21/11/93 LOGGED BY: RRB SHEET: 2.1.2

DEPTH (m)		SAMPLE NO	DESCRIPTION	qtz	py	apy	cht	lm	cgs
From	to								
26	27	49738	gn. br. dol. sh. + lsst						
	28		gn. lsst - calcite vein + Jasper		5				5
	29		gn. " " "		5				5
	30		gn. " " "		5				5
	31		gn. y. lsst - calcite vein					10	1
	32		gn. lsst - calcite vein						1
	33		gn. br. sil. dol. sh. + lsst bx						1
	34		gn. sil. lsst + Jasper		10				5
	35		dkgy. sh. Fault?						
	36		" " "						
	37		" " "						
	38		" " "						
	39	50	" " "						
	40	51	" " "						

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORGONSHOLE NO: GPRC 9COLLAR: 9735 E 4940 N RLAZIMUTH: 0° Mag/Grid INCLINATION: -60° DRILL METHOD: RCDATE DRILLED: 2.11.93 LOGGED BY: R Benthall SHEET: 1.1.2

DEPTH (m)		SAMPLE NO	DESCRIPTION	qtz	py	apy	cht	lim		
From	to									
0	1	49752	rd weathered dol sh							
	2									
	3		y rd calcareous sh - calcite							
	4		reefy calcareous sh							
	5		cr. calcareous sst.							
	6		" " "							
	7		calcareous sst + sst.							
	8		" " "							
	9		" " "							
	10	49761	" " "							
	11		calc sst + cht + clay							
	12		calcareous sst + clay							
	13		silicified vuggy banded rock + cht? clay						10	
	14		As above + sst. clay						10	
	15		silicified bnd rock - cht? clay							
	16		As above							
	17		silicified calcareous + clay							
	18		y br dol sh + clay							
	19		y br dol sh, clay - limonitic Jasper							
	20	49771	y rd limonitic Jasper						20	
	21	772	y rd " "						20	
	22	773	" " "							
	23	774	br limonite - cavity poor sample							
	24	775	br limonite - cavity poor sample							
	25	777	br dol sh - cavity							
	26	49778	br dol sh - cavity							

↑ damp

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORDONS

HOLE NO: GPRC9.....

COLLAR: 9735 E 4940 N RL

AZIMUTH:0...° Mag/Grid INCLINATION: ...-60...° DRILL METHOD:RC.....

DATE DRILLED: 2.11.93 LOGGED BY: RRB SHEET: 2.12.

DEPTH (m)		SAMPLE NO	DESCRIPTION	qtz	py	apy	cht	lim	cpy
From	to								
26	27	49779	br lustrous dol sh					20	
	28		br " " min malachite					40	
	29	49781	gr lustrous + calcite veins					10	
	30	82	gr lustrous " "		1				tr
	31	83	gyrd " " + Jasper		1				tr
	32		dbgy rd bx dol sh + Jasper		tr				tr
	33		" " " " " "						
	34		rd br dol sh + Jasper bx		tr				
	35		dbgy rd silicified carbonate + Jasper bx						
	36		dbgy gr rd " " " "		1				tr
	37		" " " " " "						
	38		" " " " " "						
	39	49790	" " " " " "						
	40	2	" " " " " "						
	41	3	gy lustrous + dol sh bx					5	
	42	49791	gyrd lustrous + Jasper bx					5	
	43	5	rd Jasper + lustrous bx		1			10	tr
	44	6	rd gy " " " "		5			10	2
	45	7	gyrd dol sh + Jasper					5	
	46	8	gy dol sh					5	
	47	9	gyrd dol sh + Jasper bx		1				1
	48	800	gyrd " " minor Jasper					5	tr
	49	1	" " " " " "		1				tr
	50	2	gyrd dol sh + Jasper bx		1				tr
	51	3	" " " " " "		tr				
	52	4	gy warty bx dol sh min Jasper		tr				

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORDONSHOLE NO: GP2C 10COLLAR: 10040 E 4979 N RLAZIMUTH: 0° Mag/Grid INCLINATION: -60° DRILL METHOD: RCDATE DRILLED: 2.11.193 LOGGED BY: R. Berthelsen SHEET: 1.1.3

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	py	apy	cht	lim	cpy	
0	1	49805	rd. dol sh + soil					20		
	2		" " " "					20		
	3		rd y. dol sh + lmst					20		
	4		rd br. lmst, dol sh + Jasper bx					20		
	5	/	As above					10		
	6	49810	gy. y. lmst bx - calcite vein					10		
	7		gy. lmst - calcite vein					5		
	8		br gy. lmst, minor Jasper					10		
	9		gy. br. " + Jasper					10		
	10		gy. lmst + sil. lmst bx					5		
	11		gy. lmst - calcite veining					5		
	12		As above					5		
	13		br gy. lmst bx + min Jasper					5		
	14		" " " "					5	tr	
	15		gy. lmst - calcite vein					5		
	16	49820	" " " "							
	17		gy. lmst " " "					10		
	18		gy. lmst " " "					20		
	19		" " " "					20		
	20		" " " "					5		
	21		gy. lmst minor calcite vein					5		
	22		gy. lmst + dr gy. dol sh - calc vein							
	23		" " " "							
	24		" " " "							
	25		" " " "							
	26	49830	" " " "							

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE: GORDONSHOLE NO: GPRC 16COLLAR: 100.40 E 49.71 N RLAZIMUTH: 0 Mag/Grid INCLINATION: -60 ° DRILL METHOD: RCDATE DRILLED: 2/11/93 LOGGED BY: R.R.B. SHEET: 2/3

DEPTH (m)		SAMPLE NO	DESCRIPTION							
From	to		Lithology	qtz	py	apy	cht	lim	cpy	
26	27	49831	gn lmt							
	28		gn lmt		tr					
	29		" "							
	30		" "							
	31		" "							
	32		" "							
	33		gn lmt		tr					
	34		brgy dol sh					5		
	35		brgy laminated dol sh							
	36		rd gr Jasper, lmt + dol sh		tr				tr	
	37	49841	brgy fractured/bx dol sh min Jasper		l					
	38		rd gr dol + Jasper							
	39		brgy dol sh		tr				tr	
	40		gn shale + rd Jasper						tr	
	41		rd Jasper bx		tr					
	42		gn + brgy dol sh							
	43		rd Jasper + dol sh		tr				tr	
	44		gn shale/clay + brgy lmt							
	45		brgy/gr shale							
	46		brgy shale minor dol		tr					
	47	49851	rd Jasper + gn shale							
	48		brgy dol + Jasper		tr					
	49		rd gr gn Jasper dolch + lmt		tr					
	50		rd " "							
	51		rd Jasper + ls "iron stone"?							
	52	6	" " " "							

EXPLOREMIN PTY. LTD. - PERCUSSION DRILL LOG

PROSPECT/MINE:GORDONB.....

HOLE NO: GPRC 10.....

COLLAR: - 10040 E 4979 N RL

AZIMUTH: 0...° Mag/Grid INCLINATION: ... 60...° DRILL METHOD: RC.....

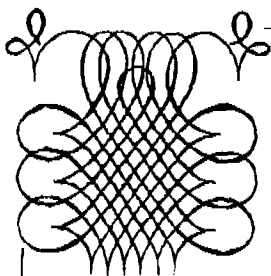
DATE DRILLED: 2/11/93 LOGGED BY: RRB SHEET: 3.13.

DEPTH (m)		SAMPLE NO	DESCRIPTION	qtz	py	apy	cht	lim		
From	to									
52	53		rb bn shale							
	54		" -							
	55		rb bn lms + shale? calcite vein							
	56		" " dol + Jasper " "							
	57	49861	" -							
	58		" -							
	59		" -							
	60	49864	" -							

Appendix 2

Analytical Results Sheets

GPRC1-10



ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 10892

Mt Carrington

Distribution

John Goulevitch

Client Reference:

Project :

Cost Code:

Date Received:

04/11/1993

Number of Samples:

464

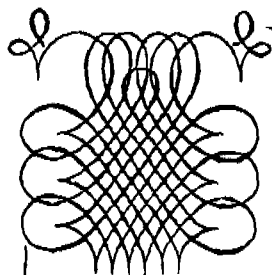
Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Cu	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Cu(2)	AAS/OG	Prec. $\pm$ 5%	0.01	percent
Pb	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Zn	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Ag	AAS/MA-3	Prec. $\pm$ 10%	0.5	ppm
Ni	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Co	AAS/MA-3	Prec. $\pm$ 10%	2	ppm

*GORDON'S 1993 RC DRILL**NB - Cu(2) data to be used where available (see above).*

Authorisation: Ray Wooldridge

Report Dated: 15/11/1993



ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

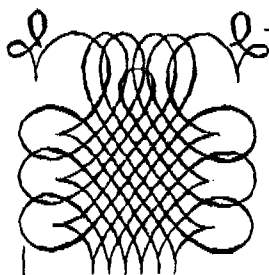
Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 10892

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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
11901	1260		12	40	<0.5	34	28 <i>GPRC/1 0-1m</i>
11902	846		4	21	<0.5	17	<2
11903	507		4	32	<0.5	6	9
11904	778		<2	27	<0.5	10	17
11905	1240		<2	31	<0.5	14	47
11906	768		<2	24	<0.5	10	17 <i>5-6m</i>
11907	246		2	27	<0.5	7	13
11908	661		<2	22	<0.5	7	17
11909	1480		<2	25	<0.5	9	11
11910	1650		3	20	<0.5	8	13
11911	810		<2	26	<0.5	8	14 <i>10-11m</i>
11912	2640		<2	27	<0.5	22	34
11913	758		4	20	<0.5	7	20
11914	429		2	21	<0.5	10	34
11915	408		<2	18	<0.5	8	16
11916	160		3	17	<0.5	16	41 <i>15-16m</i>
11917	231		4	26	<0.5	17	52
11918	1100		3	10	<0.5	18	47
11919	3010		5	13	<0.5	19	70
11920	1140		7	11	<0.5	16	79
11921	3850		3	10	<0.5	20	65 <i>20-21m</i>
11922	3110		25	13	<0.5	49	214
11923	3180		15	16	<0.5	67	556
11924	790		34	10	<0.5	39	161
11925	8110	0.89	17	11	<0.5	70	291



ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

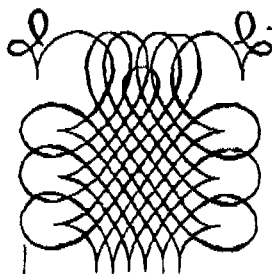
Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 10892

Page 2 of 19

Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
11926	7430		9	9	<0.5	89	410 <i>GPRC/1 25-26m</i>
11927	3760		30	10	<0.5	70	315
11928	8730	0.94	17	9	<0.5	78	417
11929	3320		9	10	<0.5	49	171
11930	4610		3	6	<0.5	54	173 <i>29-30m EDH</i>
11931	1950		6	15	<0.5	215	488 <i>GPRC/2 0-1m</i>
11932	314		3	6	<0.5	26	60
11933	157		2	4	<0.5	6	19
11934	330		7	7	<0.5	10	18
11935	209		9	10	<0.5	8	18
11936	140		3	8	<0.5	7	10 <i>5-6m</i>
11937	210		2	10	<0.5	4	7
11938	112		4	11	<0.5	3	3
11939	523		6	28	<0.5	20	34
11940	283		11	6	<0.5	6	13
11941	340		8	6	<0.5	9	23 <i>15-16m 10-11m</i>
11942	258		9	11	<0.5	7	17
11943	721		4	16	<0.5	23	54
11944	342		2	8	<0.5	10	34
11945	387		2	7	<0.5	13	24
11946	148		4	6	<0.5	8	13 <i>15-16m 20-21m</i>
11947	65		5	10	<0.5	6	6
11948	38		<2	6	<0.5	2	2
11949	954		3	5	<0.5	7	8
11950	188		6	6	<0.5	5	3



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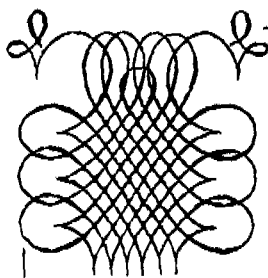
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
11951	82		3	9	<0.5	7	10 <i>GPRC/2 20-21m</i>
11952	36		3	6	<0.5	4	2
11953	260		6	5	<0.5	24	16
11954	168		22	8	<0.5	4	7
11955	71		5	8	<0.5	2	4
11956	181		2	9	<0.5	4	2 <i>25-26m</i>
11957	719		6	8	<0.5	12	18
11958	175		11	12	<0.5	20	45
11959	20		3	11	<0.5	4	6
11960	39		8	14	<0.5	3	25
11961	132		6	10	<0.5	5	18 <i>30-31m</i>
11962	507		3	11	<0.5	3	16
11963	100		3	11	<0.5	3	17
11964	75		7	14	<0.5	6	19
11965	57		6	14	<0.5	5	10
11966	68		7	19	<0.5	15	33 <i>35-36m</i>
11967	42		6	16	<0.5	11	24
11968	33		10	21	<0.5	13	46
11969	51		5	28	<0.5	8	9
11970	30		3	18	<0.5	4	10
11971	27		4	13	<0.5	6	8 <i>40-41m</i>
11972	1320		<2	9	<0.5	4	7
11973	152		5	10	<0.5	5	6
11974	69		<2	9	<0.5	49	43
11975	1300		5	8	<0.5	24	21



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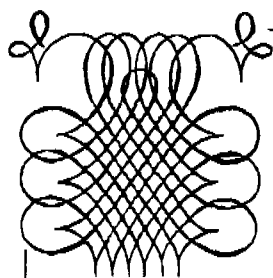
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
11976	456		29	7	<0.5	15	21 <i>GPRC/2 45-46m</i>
11977	96		20	8	<0.5	9	15
11978	70		55	7	<0.5	10	21
11979	328		8	7	<0.5	9	15
11980	694		3	9	<0.5	5	10 <i>49-50m GPRC/3</i>
11981	1820		7	10	<0.5	90	220 <i>0-1m</i>
11982	570		3	6	<0.5	60	145
11983	384		8	12	<0.5	30	81
11984	79		<2	7	<0.5	13	14
11985	84		2	5	<0.5	8	2
11986	73		<2	5	<0.5	8	10 <i>5-6m</i>
11987	587		4	6	<0.5	9	28
11988	229		6	8	<0.5	8	5
11989	204		4	11	<0.5	10	7
11990	610		10	12	<0.5	16	34
11991	359		13	8	<0.5	7	21 <i>10-11m</i>
11992	584		6	9	<0.5	12	28
11993	176		9	9	<0.5	7	11
11994	528		5	10	<0.5	8	8
11995	220		<2	8	<0.5	10	13
11996	73		3	9	<0.5	9	2 <i>15-16m</i>
11997	69		3	9	<0.5	4	<2
11998	58		7	11	<0.5	9	7
11999	38		4	10	<0.5	4	<2
12000	43		<2	10	<0.5	8	2



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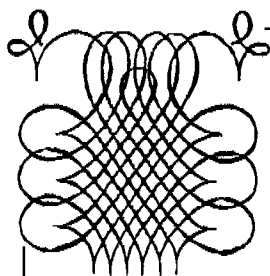
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49501	97		<2	9	<0.5	7	6 <i>GPFC/3 20-21m</i>
49502	172		4	10	<0.5	5	<2
49503	15		4	10	<0.5	7	4
49504	19		2	12	<0.5	5	3
49505	52		4	9	<0.5	4	<2
49506	207		5	7	<0.5	4	<2 <i>25-26m</i>
49507	168		6	52	<0.5	5	<2
49508	45		3	23	<0.5	5	<2
49509	10		6	12	<0.5	5	<2
49510	60		4	15	<0.5	7	<2
49511	256		2	9	<0.5	7	<2 <i>30-31m</i>
49512	41		9	9	<0.5	10	9
49513	16		13	9	<0.5	14	17
49514	70		24	12	<0.5	14	39
49515	146		2	12	<0.5	9	13
49516	732		2	10	<0.5	16	45 <i>35-36m</i>
49517	2460		4	12	<0.5	43	215
49518	580		4	12	<0.5	28	113
49519	104		6	13	<0.5	10	37
49520	501		7	12	<0.5	56	152
49521	53		6	10	<0.5	12	18 <i>40-41m</i>
49522	24		10	12	<0.5	8	10
49523	48		3	14	<0.5	6	7
49524	158		<2	14	<0.5	7	12
49525	325		7	11	<0.5	13	38



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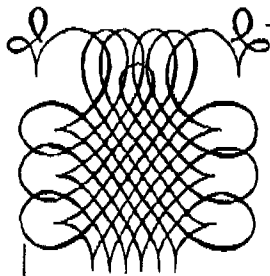
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49526	120		6	13	<0.5	12	28 <i>GPDC/3 45-46m</i>
49527	37		7	11	<0.5	4	5
49528	18		5	14	<0.5	4	4
49529	37		10	14	<0.5	4	7
49530	213		3	16	<0.5	7	18
49531	321		3	16	<0.5	5	15 <i>50-51m</i>
49532	86		7	13	<0.5	5	12
49533	89		8	10	<0.5	7	12
49534	1040		8	12	<0.5	3	10
49535	310		9	7	<0.5	8	26
49536	349		8	10	<0.5	6	15 <i>55-56m</i>
49537	241		10	9	<0.5	5	9
49538	114		7	10	<0.5	6	7
49539	35		12	9	<0.5	4	12
49540	1350		5	13	<0.5	6	11
49541	899		10	10	<0.5	5	11
49542	138		7	13	<0.5	5	7 <i>EGH 61-62m</i>
49543	8.10%	9.26	72	53	5.3	870	1460 <i>GPDC/4 0-1m</i>
49544	5050		20	28	1.3	427	935
49545	5800		20	29	0.7	297	498
49546	8130	0.93	17	21	<0.5	410	798 <i>3-4m</i>
49547	1380		8	19	<0.5	79	182
49548	844		10	16	<0.5	57	119
49549	279		13	17	<0.5	23	46
49550	204		10	16	<0.5	19	33



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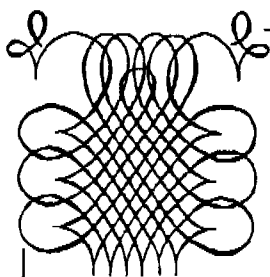
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49551	216		10	16	<0.5	15	47 <i>GPRC/4 8-9m</i>
49552	491		8	21	<0.5	17	26
49553	132		9	18	<0.5	10	15
49554	170		11	19	<0.5	7	14
49555	345		9	20	<0.5	12	17
49556	311		5	18	<0.5	12	17 <i>15-16m</i>
49557	998		7	13	<0.5	8	8
49558	153		8	13	<0.5	7	9 <i>15-16m</i>
49559	138		10	19	<0.5	9	10
49560	85		10	15	<0.5	12	8
49561	93		16	13	<0.5	16	24 <i>25-26m</i>
49562	51		12	11	<0.5	18	49
49563	27		14	9	<0.5	17	46 <i>20-21m</i>
49564	95		23	11	<0.5	31	86
49565	175		11	19	<0.5	25	63
49566	656		10	12	<0.5	52	148
49567	725		7	24	<0.5	25	51
49568	493		5	16	<0.5	12	16 <i>25-26m</i>
49569	681		7	13	<0.5	10	17
49570	2980		16	10	<0.5	48	184
49571	833		7	11	<0.5	84	240
49572	658		7	9	<0.5	43	80
49573	300		2	7	<0.5	24	58
49574	1.54%	1.69	21	16	1.9	173	560
49575	7900	0.94	10	85	<0.5	108	393 <i>32-33m</i>



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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49576	798		3	11	<0.5	26	61
49577	1280		13	19	<0.5	43	100
49578	341		4	10	<0.5	12	6
49579	204		<2	8	<0.5	4	6
49580	169		2	11	<0.5	4	4
49581	297		2	9	<0.5	2	3
49582	514		<2	13	<0.5	6	5
49583	379		4	11	<0.5	8	12
49584	197		3	8	<0.5	7	8
49585	463		5	12	<0.5	14	19
49586	328		9	13	<0.5	18	38
49587	283		8	16	<0.5	24	66
49588	318		9	29	<0.5	35	104
49589	9000	1.01	9	13	<0.5	63	371
49590	5900		7	14	<0.5	72	301
49591	5900		15	13	<0.5	161	503
49592	5030		14	12	<0.5	479	1120
49593	3590		19	35	<0.5	350	952
49594	850		19	14	<0.5	41	160
49595	1220		11	16	<0.5	44	145
49596	234		10	15	<0.5	33	77
49597	122		10	19	<0.5	14	30
49598	77		11	20	<0.5	13	26
49599	678		<2	13	<0.5	138	176
49600	26		3	14	<0.5	10	18

GPRC/4

34-35m EDH

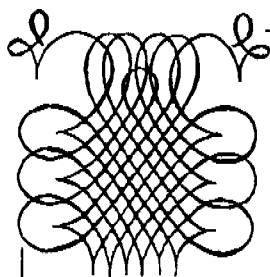
GPRC/5
0-1m

7-8m

12-13m

17-18m

22-23m



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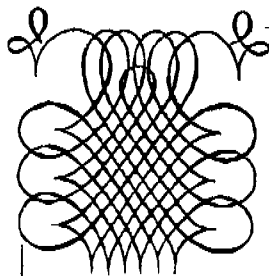
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49601	97		8	18	<0.5	18	30 <i>GPAC/5</i>
49602	1070		13	11	<0.5	47	254 <i>23-24m</i>
49603	314		8	12	<0.5	9	21
49604	800		3	9	<0.5	8	22
49605	128		7	11	<0.5	7	13
49606	179		4	15	<0.5	6	7 <i>28-29m</i>
49607	110		9	14	<0.5	11	11
49608	55		17	17	<0.5	15	28
49609	21		12	13	<0.5	8	30
49610	320		9	7	<0.5	19	93
49611	98		10	8	<0.5	21	124 <i>33-34m</i>
49612	19		17	10	<0.5	12	57
49613	56		28	11	<0.5	14	40
49614	892		17	10	<0.5	19	90
49615	2170		12	9	<0.5	25	120
49616	218		11	9	<0.5	11	22 <i>38-39m</i>
49617	99		7	16	<0.5	16	21
49618	158		11	16	<0.5	2	19
49619	21		7	15	<0.5	2	10
49620	25		12	17	<0.5	<2	9
49621	79		10	19	<0.5	5	9 <i>43-44m</i>
49622	1190		23	16	<0.5	58	341
49623	2940		18	12	<0.5	101	520
49624	1850		13	11	<0.5	87	258
49625	989		9	11	<0.5	48	102



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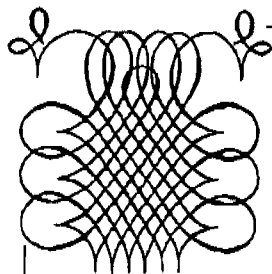
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)	
49626	1.31%	1.54	14	16	2.8	84	305	48-49m
49627	1.05%	1.17	30	14	2.1	121	716	
49628	6000		9	9	<0.5	61	265	
49629	2089		8	9	<0.5	51	113	
49630	1040		6	7	<0.5	183	244	
49631	2510		33	8	<0.5	239	334	53-54m EDH
49632	1970		18	17	0.8	47	75	GPRC/60-1m
49633	908		21	12	0.9	15	21	
49634	1150		22	11	1.7	25	20	
49635	1910		16	18	1.0	15	21	
49636	1050		25	17	1.4	6	16	4-5m
49637	1750		20	29	1.0	12	25	
49638	1020		5	42	<0.5	10	13	
49639	3210		6	35	<0.5	19	53	
49640	4847		5	61	<0.5	17	42	
49641	835		4	69	<0.5	7	16	9-10m
49642	659		<2	68	<0.5	7	18	
49643	631		5	87	<0.5	6	19	
49644	352		5	107	<0.5	13	14	
49645	89		6	106	<0.5	6	7	
49646	255		6	69	<0.5	2	6	14-15m
49647	70		7	55	<0.5	6	4	
49648	76		8	45	<0.5	10	9	
49649	52		7	55	<0.5	3	6	
49650	53		5	57	<0.5	<2	5	



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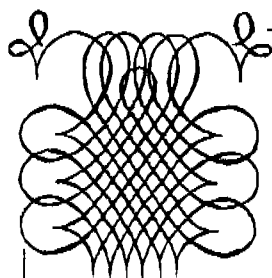
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49651	35		5	64	<0.5	7	9 <i>GARC/6 19-20m</i>
49652	68		7	75	<0.5	8	4
49653	36		11	65	<0.5	42	5
49654	54		3	102	<0.5	19	9
49655	54		2	84	<0.5	5	7
49656	121		<2	86	<0.5	9	7 <i>24-25m</i>
49657	237		<2	83	<0.5	8	3
49658	362		2	101	<0.5	14	9
49659	136		<2	56	<0.5	12	7
49660	70		6	40	<0.5	5	14
49661	225		7	28	<0.5	5	10 <i>29-30m EDH</i>
49662	4310		29	26	<0.5	128	389 <i>GARC/6-1m</i>
49663	5040		33	31	<0.5	208	365
49664	6300		28	32	<0.5	310	679
49665	7100		35	33	<0.5	402	1300
49666	7300	0.81	55	42	<0.5	256	1380 <i>4-5m</i>
49667	1990		15	19	<0.5	64	240
49668	1210		13	35	<0.5	65	116
49669	885		10	18	<0.5	29	79
49670	2220		13	15	<0.5	44	147
49671	3090		26	14	<0.5	35	139 <i>9-10m</i>
49672	442		30	18	<0.5	24	70
49673	1050		19	19	<0.5	42	129
49674	1090		10	19	<0.5	34	123
49675	7300		53	19	2.2	112	435



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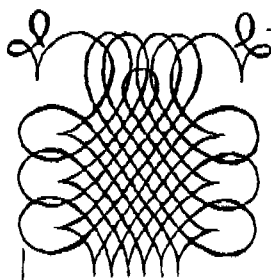
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)	
49676	8800	0.92	35	13	2.6	96	307	<i>GPCC/T</i> 14-15m
49677	2.30%	2.66	81	15	2.6	132	501	
49678	4.65%	4.74	106	19	3.8	198	725	
49679	6800	0.74	66	13	1.3	63	190	
49680	8700	0.96	33	12	1.3	44	141	
49681	1.12%	1.23	60	12	1.7	70	213	19-20m
49682	3.45%	3.76	28	14	3.1	83	304	
49683	2.24%	2.46	16	13	3.2	60	224	
49684	3.06%	3.43	16	15	8.6	65	210	
49685	2.50%	2.72	19	14	7.3	113	523	
49686	2.49%	2.77	29	13	1.5	270	1150	24-25m
49687	1.09%	1.21	33	16	1.4	135	509	
49688	8000	0.87	18	13	0.5	63	172	
49689	1.03%	1.14	13	12	<0.5	50	159	
49690	1770		11	39	<0.5	35	73	
49691	3420		4	41	<0.5	23	30	29-30m
49692	593		6	45	<0.5	10	17	
49693	445		9	31	<0.5	8	19	
49694	512		9	31	<0.5	11	23	
49695	861		10	34	<0.5	19	89	
49696	7000	0.78	8	44	<0.5	12	26	34-35m
49697	3140		6	46	<0.5	13	19	
49698	1160		4	37	<0.5	8	20	
49699	1540		9	51	<0.5	10	25	
49700	837		8	39	<0.5	13	33	



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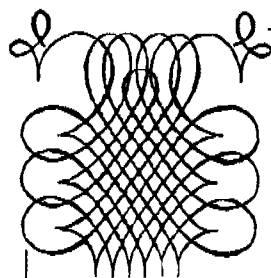
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49701	954		9	77	<0.5	13	28 <i>39-40m</i>
49702	202		15	37	<0.5	19	12
49703	123		20	34	<0.5	19	9
49704	136		16	31	<0.5	18	14
49705	59		13	42	<0.5	20	11
49706	319		11	39	<0.5	19	21 <i>44-45m</i>
49707	119		11	40	<0.5	18	13
49708	1270		11	44	<0.5	20	17
49709	263		11	37	<0.5	19	13
49710	444		16	34	<0.5	26	40
49711	450		19	44	<0.5	25	49 <i>49-50m</i>
49712	674		14	21	<0.5	27	19 <i>6-1m</i>
49713	475		8	18	<0.5	20	13
49714	465		9	17	<0.5	21	15
49715	240		6	15	<0.5	14	8
49716	435		14	10	<0.5	7	14 <i>4-5m</i>
49717	214		9	10	<0.5	9	9
49718	334		8	13	<0.5	13	10
49719	201		8	9	<0.5	14	45
49720	1450		10	11	<0.5	36	304
49721	301		15	9	<0.5	52	221 <i>9-10m</i>
49722	331		11	10	<0.5	47	175
49723	141		4	8	<0.5	31	91
49724	236		8	11	<0.5	35	118
49725	5300		47	10	<0.5	88	457



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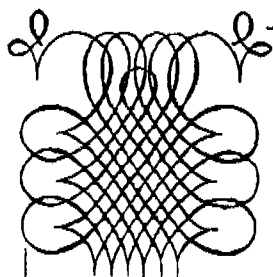
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)	
49726	8700	0.99	40	10	<0.5	119	574	<i>GPAC/8 14-15m</i>
49727	1090		11	9	<0.5	42	183	
49728	1730		13	11	<0.5	70	244	
49729	1270		11	12	<0.5	41	160	
49730	158		18	14	<0.5	30	87	
49731	755		13	14	<0.5	40	176	<i>10-20m</i>
49732	164		18	13	<0.5	28	84	
49733	1100		14	17	<0.5	84	385	
49734	365		10	25	<0.5	66	253	
49735	315		7	15	<0.5	16	77	
49736	95		5	17	<0.5	14	43	<i>24-25m</i>
49737	499		10	16	<0.5	45	190	
49738	663		8	27	<0.5	50	214	
49739	2480		14	16	<0.5	43	177	
49740	8400	1.01	32	11	<0.5	103	493	
49741	1.54%	1.73	22	12	1.2	137	626	<i>29-30m</i>
49742	4010		10	9	<0.5	79	210	
49743	6800	0.81	14	15	<0.5	41	81	
49744	1.10%	1.23	17	18	0.9	38	51	
49745	1.21%	1.41	34	21	1.9	24	63	
49746	732		9	53	<0.5	19	11	<i>34-35m</i>
49747	148		3	45	<0.5	21	14	
49748	103		3	42	<0.5	18	11	
49749	116		6	41	<0.5	20	12	
49750	242		4	43	<0.5	17	16	



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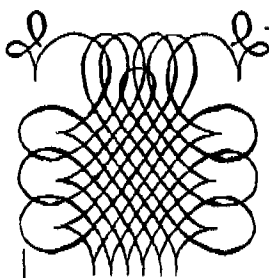
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)	
49751	261		4	43	<0.5	23		GPRC/8 EDH 20 39-40m
49752	543		29	18	<0.5	26		25 GPRC/9 0-1m
49753	391		24	18	<0.5	19	15	
49754	163		6	11	<0.5	2	<2	
49755	130		5	9	<0.5	<2	<2	
49756	108		6	7	<0.5	<2	2	4-5m
49757	158		2	9	<0.5	2	<2	
49758	293		10	11	<0.5	3	3	
49759	338		12	17	<0.5	5	2	
49760	290		17	31	<0.5	11	3	
49761	221		14	31	<0.5	9	6	9-10m
49762	228		14	24	<0.5	8	3	
49763	243		5	21	<0.5	6	<2	
49764	173		2	18	1.5	11	<2	
49765	93		2	12	1.1	12	3	
49766	205		6	16	1.3	9	6	14-15m
49767	156		<2	13	1.2	8	2	
49768	594		6	34	1.3	16	6	
49769	952		12	48	1.5	15	15	
49770	1000		21	42	0.6	16	21	
49771	1550		80	69	<0.5	35	72	19-20m
49772	3950		195	95	<0.5	66	201	
49773	2670		89	67	<0.5	49	83	
49774	7200	0.79	72	51	<0.5	76	195	
49775	1.78%	2.25	78	62	8.0	263	647	



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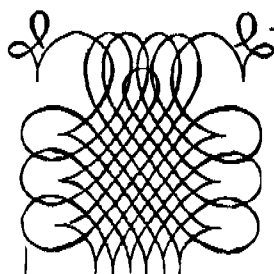
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49776	<< Sample not received >>					n/s	GARC/9
49777	1.19%	2.06	141	38	6.2	159	364 24-25m
49778	1.60%	1.98	169	70	3.7	170	504
49779	1.06%	1.21	96	36	1.1	71	173
49780	2.32%	2.65	40	19	1.7	34	61
49781	1.98%	2.14	97	14	1.4	31	73 28-29m
49782	1.69%	1.78	21	16	<0.5	20	46
49783	3220		23	15	<0.5	20	45
49784	1270		12	12	<0.5	15	21
49785	607		3	17	<0.5	11	12
49786	341		4	17	<0.5	15	11 33-34m
49787	1010		29	16	<0.5	13	37
49788	1088		12	18	<0.5	15	18
49789	1280		7	29	<0.5	16	14
49790	551		8	20	<0.5	7	10
49791	1760		12	16	<0.5	9	15 38-39m
49792	552		10	14	<0.5	8	15
49793	1540		20	19	<0.5	19	45
49794	2510		47	18	<0.5	31	76
49795	3240		22	36	<0.5	33	48
49796	4510		28	37	<0.5	39	79 43-44m
49797	1360		22	21	<0.5	25	57
49798	2550		28	17	<0.5	31	92
49799	1830		18	12	<0.5	19	60
49800	2350		41	15	<0.5	28	93



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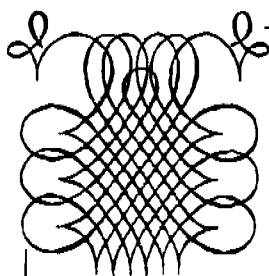
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49801	4740		46	19	<0.5	49	129 <i>GPRC/9 48-49m</i>
49802	5160		46	21	<0.5	51	132
49803	3720		51	21	<0.5	53	146
49804	2330		34	17	<0.5	35	122 <i>EDH 51-52m</i>
49805	1310		10	15	<0.5	33	46 <i>GPRC/10 0-1m</i>
49806	1480		14	15	<0.5	67	207
49807	1330		5	13	<0.5	18	56
49808	1750		10	12	<0.5	64	441
49809	3540		108	10	5.5	112	448
49810	1280		11	8	<0.5	21	68
49811	1950		<2	14	<0.5	13	43 <i>6-7m</i>
49812	1.73%	1.87	45	11	<0.5	29	79
49813	1.51%	1.68	16	9	<0.5	17	39
49814	3850		24	8	<0.5	9	15
49815	496		19	9	<0.5	13	29
49816	610		23	7	<0.5	15	31 <i>11-12m</i>
49817	2490		135	8	<0.5	16	37
49818	1990		15	4	<0.5	36	64
49819	2160		7	6	<0.5	22	50
49820	2030		5	3	<0.5	43	89
49821	1650		11	8	<0.5	97	141 <i>16-17m</i>
49822	4220		50	4	<0.5	120	256
49823	2790		8	4	<0.5	27	55
49824	375		5	6	<0.5	18	30
49825	100		<2	4	<0.5	8	17



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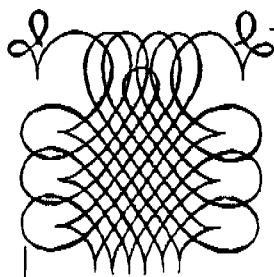
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Sample	Cu (ppm)	Cu(2) (%)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)
49826	111		18	4	<0.5	10	24 <i>GDRC/10 21-22m</i>
49827	97		13	4	<0.5	11	25
49828	398		13	4	<0.5	36	60
49829	321		25	4	<0.5	12	22
49830	217		25	5	<0.5	13	27
49831	78		19	5	<0.5	7	19 <i>26-27m</i>
49832	55		5	4	<0.5	10	16
49833	33		5	7	<0.5	5	15
49834	290		7	8	<0.5	20	31
49835	78		3	5	<0.5	7	8
49836	61		7	5	<0.5	8	15 <i>31-32m</i>
49837	79		3	9	<0.5	5	14
49838	36		8	10	<0.5	6	13
49839	126		7	16	<0.5	11	17
49840	2.04%	2.23	4	20	<0.5	12	16
49841	947		11	13	<0.5	10	21 <i>36-37m</i>
49842	550		<2	17	<0.5	5	9
49843	353		32	35	<0.5	16	31
49844	972		7	48	<0.5	15	7
49845	1040		33	53	<0.5	19	22
49846	593		50	42	<0.5	16	27 <i>41-42m</i>
49847	789		8	31	<0.5	13	10
49848	323		<2	37	<0.5	16	8
49849	258		6	14	<0.5	9	10
49850	192		7	23	<0.5	9	7



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