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EUREKA RESOURCES, INC.

IRON MASK PROPERTY
Kamloops Mining Division, B.C.

ASSESSMENT REPORT

1992 GEOCHEMICAL, GEOLOGICAL, & GEOPHYSICAL PROGRAM

September, 1992

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,602

EUREKA RESOURCES, INC., 837 East Cordova Street, Vancouver, B.C. V6A 3R2, Telephone: (604) 253-0222

ASSESSMENT REPORT ON THE IRON MASK 1992 GEOCHEMICAL, GEOLOGICAL, AND GEOPHYSICAL PROGRAM

Kamloops Mining Division, British Columbia

N.T.S. Map Area 92I/10,15

Latitude 50° 45'N   Longitude 120° 38'W

Claims: DAL 1, DAL 2, OONA, CONTACT, OONA 2

Owner: Eureka Resources, Inc.
837 East Cordova St.
Vancouver, BC
V6A 3R2

Operator: Eureka Resources, Inc.
837 East Cordova St.
Vancouver, BC
V6A 3R2

by

M. Schatten, B.Sc.
September 30, 1992

Reviewed & Approved by
J. Kerr, P.Eng.

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1. INTRODUCTION

1.1 Location, Access, and Terrain

The Iron Mask North property (Figure 1) is located 15km northwest of Kamloops in south-central British Columbia. The property lies on the north shore of Kamloops Lake near the settlement of Frederick. A well kept gravel road links the settlement of Frederick with the Tranquille River road, originating in Kamloops. Several dirt roads provide access to most areas of the property. The main line of the CN railway is located along the southern boundary of the property.

The overall relief dips moderately towards Kamloops Lake (elevation 340m); but many rock bluffs (elevations up to 760m) make a large portion of the property difficult to traverse. Upper portions of the property are lightly forested with sub-commercial pine and spruce; the lower elevations are sage brush covered.

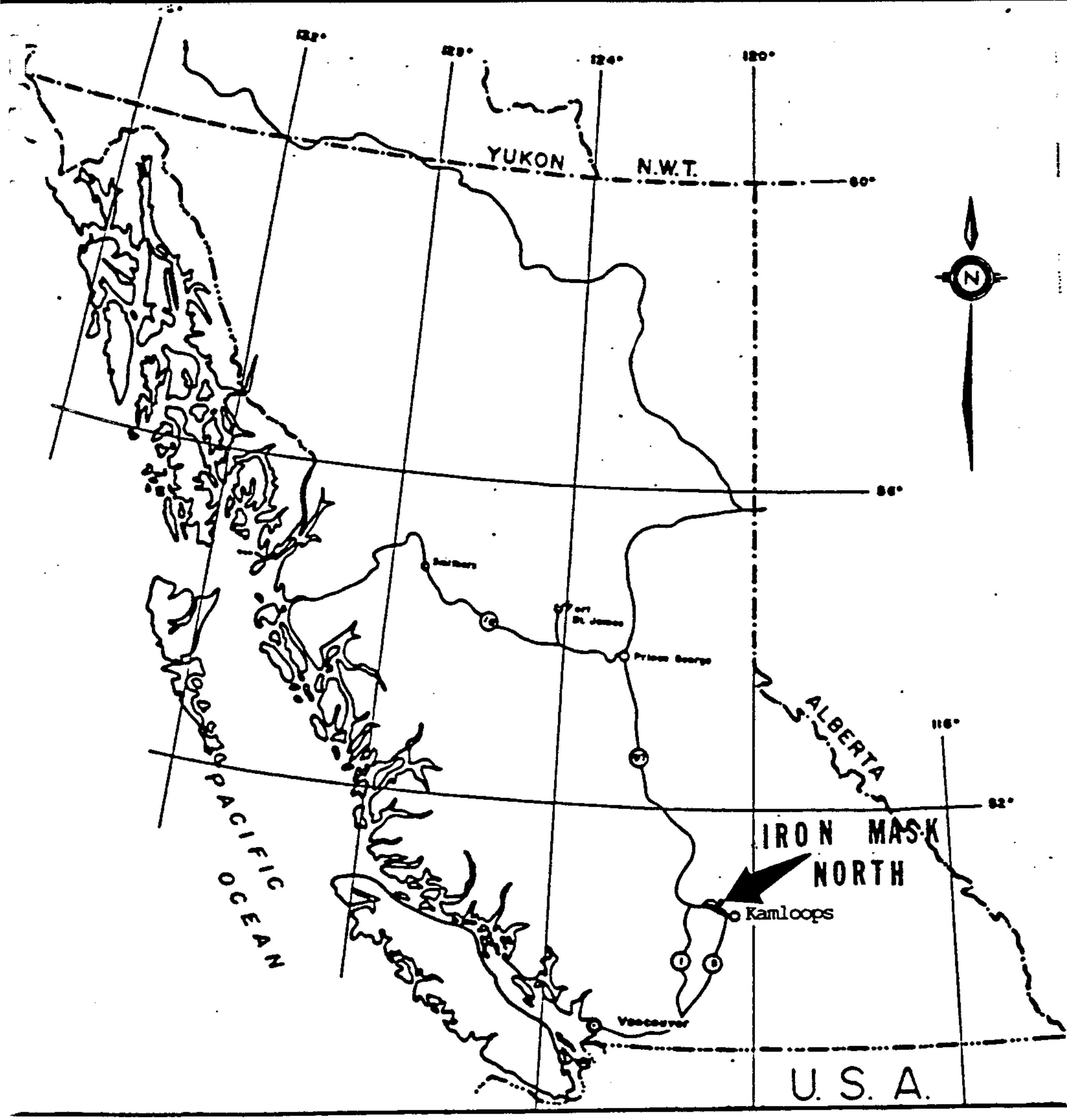
1.2 Claim Status

The Iron Mask North property (see Figure 2) consists of 5 mineral claims (76 units) all recorded in the name of Eureka Resources, Inc.. All claims are in good standing until 1995-2001 (see Table 1). The expiry dates reflect the dates that will be in effect upon acceptance of this report.

Table 1. Summary of Claim Particulars

Claim Name	Units	Record No.	Expiry Date*
DAL 1	20	8295	01/24/1995
DAL 2	20	8296	01/24/1995
OONA	12	8387	04/01/1997
CONTACT	20	8406	04/14/2001
OONA 2	4	8681	07/18/1995
Total Units	76		

* Does not reflect new expiry date upon acceptance of report.

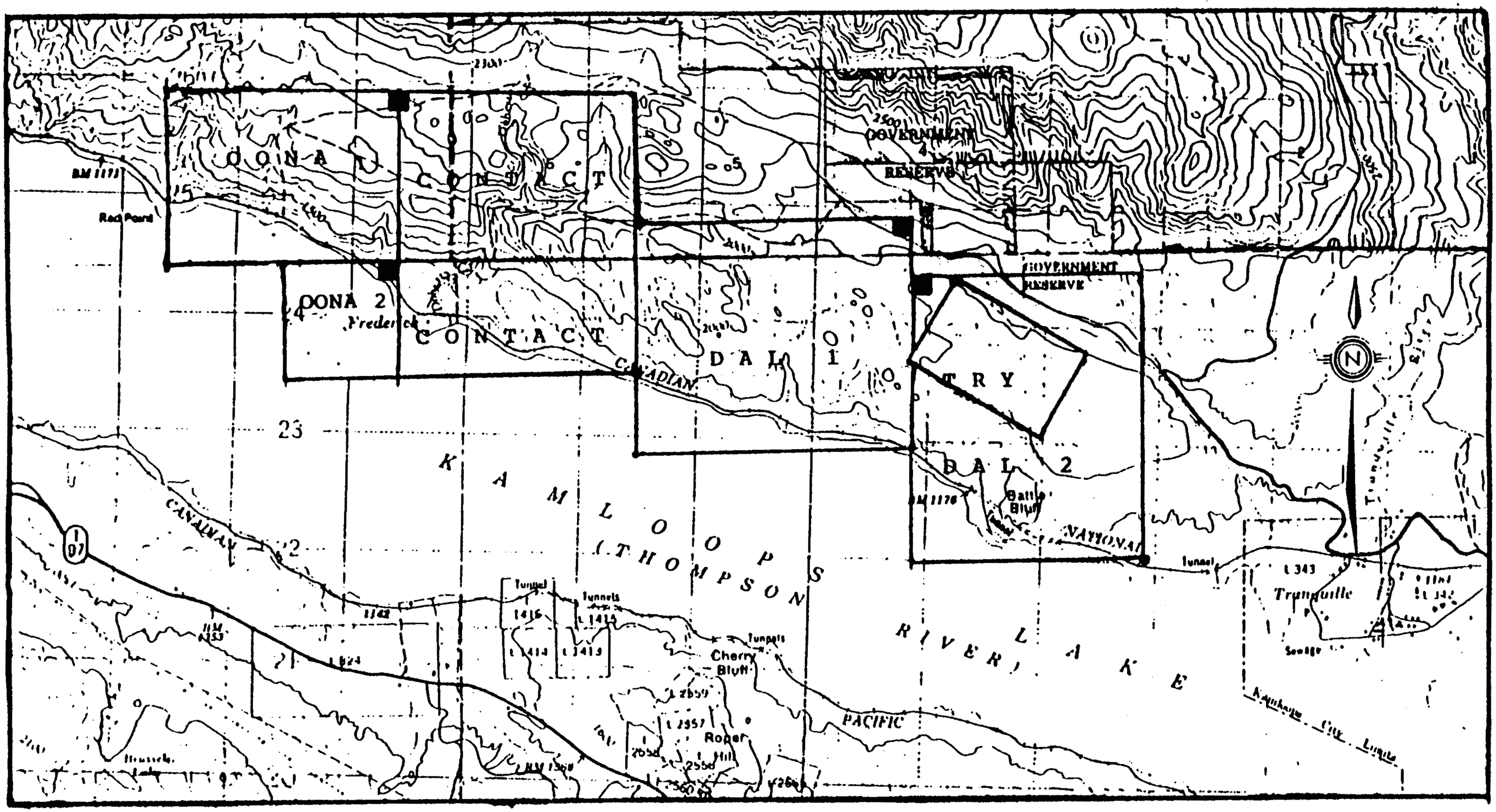


EUREKA RESOURCES, INC.

200 0 200 kilometres

BAR SCALE : 1 · 7 500 000

LOCATION MAP
FIGURE 1



EUREKA RESOURCES, INC.

0 1000 3000 metres
BAR SCALE 1:50 000

CLAIM MAP
(IRON MASK NORTH)

FIGURE 2

1.3 History

The earliest known exploration on the property occurred in the early 1900's with the discovery of high grade copper mineralization in the Maxine Zone, located in the northwestern portion of the property. Ministry of Mines reports indicate that from 1914 to 1916, 33 tons containing 10% Cu, 0.03 oz/ton Au, and 1 oz/ton Ag was taken from the Maxine Mine. Several other stages of unrecorded development were most likely undertaken at the Maxine Mine prior to 1960. The only assessment work filed reports of a 1600ft diamond drill program conducted directly south of the Maxine Mine by Rich Hill Mines Ltd.. It returned only very small and low grade copper intersections.

Copper mineralization in the Frederick Zone, located in the central portion of the property near what is now the settlement of Frederick, was probably discovered while mining was undertaken at the Maxine Mine. The old adits found in the Frederick Zone were most likely driven in the early 1900's; however no recorded work regarding these adits was found.

1.3.1 Arequipa Mining Company (1963-1964)

In 1963 and 1964 an extensive trenching program was undertaken in the Frederick Zone by the Arequipa Mining Company. During this time period a small diamond drilling program was completed. Assay and hole depth information on the drill holes is not available and the collars of only two diamond drill holes have been found.

1.3.2 Royal Canadian Ventures Ltd. (1969-1971)

From 1969 to 1971 VLF-EM, I.P., magnetic, and soil geochemical surveys were conducted on the Frederick Zone. A diamond drill hole was drilled underneath Doherty Creek, immediately west of the Frederick Zone, that did not intersect any copper mineralization.

1.3.3 Spectroair Explorations Ltd. (1974)

In the early 1970's several companies conducted magnetometer and I.P. surveys and geological mapping in the eastern portion of the property over what is known as the Ski Zone. Although only very sparse amounts of copper mineralization were found on surface, encouraging results from the geophysical surveys were reported. Spectroair Explorations Ltd. drilled four diamond drill holes west and south of the Ski Zone in 1974. No significant mineralization was encountered.

1.3.4 Afton Mines Ltd. and Wavecom Developments Ltd. (1975-1976)

Percussion drill programs were conducted in 1975 by Afton Mines Ltd. and in 1976 by Wavecom Developments Ltd.. Only moderately anomalous amounts of copper were encountered in the 6 holes drilled.

1.3.5 Eureka Resources, Inc. and Teck Explorations Limited (1989)

In April of 1989, Eureka Resources Inc. conducted a program that consisted of establishing a 60km chain and compass grid that covered a large portion of the property. Grid lines were spaced at 100m intervals with stations every 50m. Soil samples, totalling 1155, were collected from the grid and geochemically analyzed. A follow-up survey was conducted by Eureka in July, 1989. An additional 15.5km of chain and compass lines (two grids) were established with lines spaced every 100m. Work on these grids included a magnetometer survey done at 12.5m intervals and soil samples collected every 25m (totalling 630).

Under an option agreement with Eureka Resources Inc., Teck Explorations Ltd. conducted a drill program consisting of 1818m (19 holes) of reverse circulation drilling. 742 reverse circulation chip samples were analyzed. Mapping was done utilizing grid lines established by Eureka Resources. 32 rock samples were analyzed. Moderate mineralization was encountered in a number of the drill holes.

1.3.6 Eureka Resources, Inc. (1991)

A limited reverse circulation drill program was carried out during November and December of 1991 on the Frederick Zone (Contact claim). In total 374m (5 completed holes, 1 abandoned hole) were drilled from which 123 samples were collected and analyzed, including 95 samples from overburden. Only 2 holes entered bedrock with R91-02 intersecting weak Cu and anomalous Au mineralization.

1.4 1992 Work Summary

During the periods of July 7 - 12, 1992 and August 20 - 21, 1992 Eureka Resources, Inc. conducted a program of soil geochemistry, geological mapping and rock chip sampling, and a magnetometer survey on the Oona claim.

A 17.9km compass and chain grid was established with grid lines spaced every 50m and stations at 25m intervals. A magnetometer survey was run over 11.8km of the grid with a reading taken at each station. 546 soil samples were initially collected at grid stations with an additional 142 soil samples collected to close off anomalous zones revealed by initial sampling results. A total of 688 soil samples were sent for analysis of Cu. Geological mapping and rock chip sampling was carried out over the geochemically anomalous zones. 31 rock chip samples were sent for analysis of Cu and Au.

1.5 Claims Work Performed On

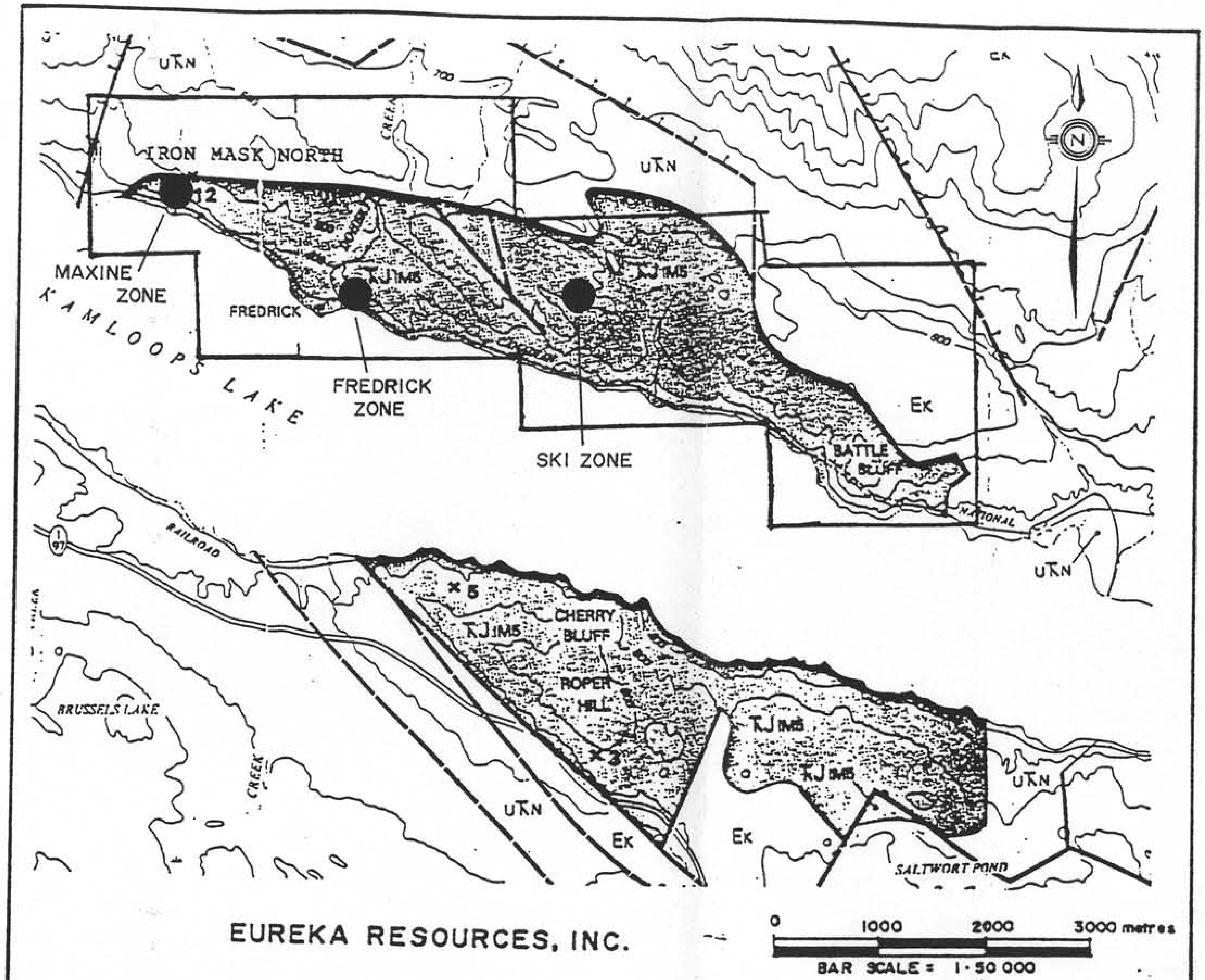
Contact

Dal 1

Dal 2

Oona — 17.9km grid, 688 soil samples, 11.8km magnetometer survey, geological mapping, 31 rock chip samples.

Oona 2



REGIONAL GEOLOGY (FROM KWONG 1987) FIGURE 3

BEDDED ROCKS

TERTIARY

MIOCENE (?) AND OLDER

Tv — Olivine basalt, local intermediate volcanics

EOCENE

Ek — KAMLOOPS GROUP: undifferentiated volcanic (basaltic to andesitic flows = agglomerates with minor dacite, latite and trachyte) and sediment (tuffaceous sandstone, siltstone and shale with minor conglomerate)

UNCONFORMITY

JURASSIC OR CRETACEOUS

Mzc — Lithified polymictic conglomerate

UNCONFORMITY

UPPER TRIASSIC

uTRN — NICOLA GROUP: Meta-basalt, andesite, tuff and uncommon argillite

INTRUSIVE ROCKS

JURASSIC

JGD — WILD HORSE BATHOLITH, NICOLA BATHOLITH AND SIMILAR GRAN ROCKS: granodiorite, quartz monzonite

UPPER TRIASSIC TO LOWER JURASSIC

Granodiorite similar to rocks of the Guichon Creek batholith

IRON MASK BATHOLITH AND SIMILAR ALKALINE INTRUSIONS

CHERRY CREEK UNIT: diorite, monzonite, syenite: porphyritic and grained varieties common

SUGARLOAF UNIT: porphyritic hornblende ± augite microdiorite, and andesitic dykes

PICRITE UNIT: basaltic dykes and lenses with abundant serpentinized o and clinopyroxene; probably non-batholithic

POTHOOK UNIT: medium to coarse-grained diorite and gabbro

IRON MASK HYBRID UNIT: agmatite commonly with about eighty per cen volume of diorite, gabbro and hornblendite fragments in a fine-grained di matrix

SYMBOLS

GEOLOGICAL CONTACT ....

FAULT: dashed where inferred, bar indicates down thrown side. ....

UNCONFORMITY ....

BRECCIA ZONE ....

MINERAL OCCURRENCE ....

2. GEOLOGY

2.1 Regional Geology

The Iron Mask North property is located in the southern part of the Quesnel Trough (Figure 3) which is a subdivision of the Intermontane structural belt of British Columbia. The Quesnel Trough consists of predominantly Lower Mesozoic volcanic and related intrusive rocks underlain by Palaeozoic sedimentary rocks (Kwong, 1987). The Quesnel Trough is host to a number of copper-gold enriched stocks and batholiths including Mt. Milligan, Mt. Polley, Afton, and QR.

The Iron Mask Batholith is a multiphase alkaline pluton localized along the south side of a regional northwest trending fault. Several copper occurrences are found throughout the pluton including the Afton Mine, a Cu-Au porphyry deposit located at the northwestern end of the batholith. Surrounding volcanic rocks of the Nicola Group are thought to be comagmatic with the Iron Mask Batholith (Northcote, 1977). Tertiary volcanic and sedimentary rocks of the Kamloops Group unconformably overlay both the Nicola Group and the Iron Mask Batholith.

2.2 Property Geology

The most northerly exposure of the Iron Mask Batholith (Cherry Creek phase) north of Kamloops Lake is covered by the Iron Mask claims. Much of the property is underlain by Cherry Creek intrusives comprised of three units: diorite, monzonite, and syenite. Each of these units contain copper and pyrite mineralization with the Frederick Zone hosting the strongest mineralization, pervasive disseminated chalcopyrite.

Exposures of Triassic Nicola Group undifferentiated intermediate volcanics are most prevalent in the western portion of the property (Maxine Zone) where the contact between the Nicola Group volcanics and the Cherry Creek intrusives strikes in a northeasterly direction. Significant mineralization, chalcocite and malachite, is evident locally.

The eastern claim area (Dal 2) is underlain by the youngest unit, Tertiary Kamloops Group sedimentary and volcanic rocks. The volcanics are intermediate in composition while the sediments are comprised of mudstones, shales, siltstones, and local conglomerates.

The main structural trend is northwest, with major lineaments transecting the property in this direction. The Maxine and Frederick Zones are aligned along one of these major lineaments. Several cross-cutting faults and lineaments have been interpreted within the property. Jointing and block faulting are prevalent throughout the claims.

Donkersloot and Jensen (1990) have identified 6 major rock types present on the Iron Mask property. Rock types in the field are at times difficult to recognize due to very fine grain size or potassium feldspar alteration.

2.2.1 Lithology

Unit 1: Undifferentiated Intermediate Volcanics (Nicola Volcanics)

This unit consists of porphyritic andesite flows, tuffs, tuff breccias and associated volcanoclastics. The unit is grey-green in color and is aphanitic to fine-grained. An andesite with plagioclase phenocrysts is common on the property. Less common are localized occurrences of a tuff breccia that is composed primarily of Nicola Volcanic fragments with lesser, local Cherry Creek intrusive fragments. The unit is moderately to strongly jointed and displays epidote alteration, particularly near intrusive contacts. Weak K-feldspathization, Fe carbonate alteration, and strong hematite occur locally. Trace pyrite is common while chalcopyrite is rare. Chalcocite is locally abundant.

UNIT 2: DIORITE

Diorite is a speckled white and black to grey-black intrusive rock that has an equigranular (locally porphyritic) very fine to medium-grained texture. It is composed primarily of plagioclase and hornblende with small amounts of K-feldspar (potassium) and little or no quartz. The unit is generally strongly jointed. Disseminated magnetite is common as is moderate epidote alteration along fractures and as disseminations.

Weak albite alteration is present locally but difficult to recognize. Weak to moderate K-feldspathization occurs as patches and veins (veinlets). Lithologic contacts with the monzonite and intermediate volcanics may be gradational or sharp. Mineralization occurs locally as chalcopyrite and pyrite with the Frederick Zone hosting the strongest mineralization found to date.

UNIT 3: MONZONITE

Monzonite is a speckled black, orange, and white fine- to medium-grained intrusive rock. It is intermediate in composition between diorite and syenite and contains roughly equal amounts of plagioclase and potassium feldspar with little or no quartz. The unit displays an equigranular texture, moderate to strong jointing, moderate epidote alteration, and weak to moderate magnetite. Weak potassium feldspar and albite alteration may be present locally. Pyrite and up to 1% chalcopyrite are locally present.

UNIT 4: SYENITE

Syenite is a fine- to medium-grained pink intrusive rock that is composed of potassium feldspar with minor amounts of plagioclase and mafics with little or no quartz. It is weakly magnetic and pyritic and displays weak to moderate epidote alteration as disseminations and along fracture planes. Disseminated chalcopyrite (up to 1%) is present locally and sometimes associated with epidote. Syenite usually occurs as dykes.

UNIT 5: MAFIC DYKE

Unit 5 is a dark green to black, fine-grained locally hornblende porphyritic mafic dyke. It is andesitic to basaltic in composition, magnetic, and non-foliated. Weak pyrite is found locally. Mafic dykes are late stage (young) as they are found cutting both the Cherry Creek intrusives and Nicola Volcanics but not the Kamloops Group, and may, in fact be the feeder dykes of the later Kamloops Group volcanic complex.

UNIT 6: KAMLOOPS GROUP

UNIT 6A: SEDIMENTS

This sedimentary unit consists of grey, black, and brown fine-grained mudstones, shales, siltstones, and local conglomerates.

UNIT 6B: VOLCANICS

Unit 6B is a grey to black and brown, fine-grained intermediate (andesite) volcanic. It is derived from flows and minor tuffs. Distinction from the Nicola Volcanics is made by its lack of porphyritic texture and fresher looking appearance. The presence of columnar jointing is also an aid in recognition.

3. 1992 GEOLOGICAL MAPPING & ROCK CHIP SAMPLING

3.1 Maxine Zone

The Maxine Zone is located on the Oona claim, near the western property boundary. Detailed mapping (1:2000) and rock chip sampling was carried out over geochemically anomalous areas (see figure 4) on August 20 - 21, 1992.

Both Nicola Group volcanics and Cherry Creek intrusives are exposed on this portion of the property. The Cherry Creek phase of the Iron Mask Batholith is composed of diorites and possibly monzodiorites. Diorites near the Nicola Group/Iron Mask contact, which transects the Maxine Zone in a general northeast direction, tend to be very fine-grained and difficult to recognize as they grade into andesite. A brecciated phase containing volcanic clasts is present adjacent to the inferred lithologic contact. Alteration consists primarily of epidote as fracture fillings and disseminations. This unit displays strong jointing and may be weakly to strongly magnetic. Mineralization is visible as malachite smears and chalcopyrite along fracture planes.

The Nicola Group volcanics are porphyritic in nature, containing plagioclase phenocrysts, and locally are fairly coarse-grained. In places the phenocrysts are mafic (pyroxene, olivine) in composition. Strong epidote alteration occurs along joints and as disseminated patches throughout the unit but becomes more pervasive in the western portion of the grid. Associated weak to moderate carbonate alteration is present as is local hematite. Numerous malachite showings are evident along fractures. Chalcocite is locally abundant while chalcopyrite is rare.

3.2 Results

A total of 31 rock chip samples were collected and analyzed for copper and gold from the area mapped. Of these, 12 were selectively taken across malachite showings over widths of 0.3m to 1.0m (see figure 4). Each of these showings directly correspond to geochemical highs. Values returned ranged from 0.04% Cu to 3.1% Cu, the average being 1 - 2% Cu and trace to 0.01 oz/ton Au. IM92-15 (3% Cu) was taken over a width of 0.3m across a fracture carrying malachite, azurite, and chalcocite at line 51+30W and 5+70N. IM92-17 (3.1% Cu), a 0.7m chip sample, was collected at the base of a bluff at line 54+70W and 6+10N. The approximately 14cm wide mineralized fracture contained malachite and azurite in an epidote, carbonate altered volcanic.

19 random rock chip samples were collected over the geochemical anomalies in the central part of the grid. Rock chips were taken perpendicular to joints (joints trending NW and NNW) across widths of 0.4m to 0.7m. Only trace pyrite and chalcopyrite was noted in one sample. Values range from 5ppm Cu to 0.04% Cu.

4. 1992 SOIL GEOCHEMISTRY

4.1 Procedure

During July 7 - 12, 1992 a compass and chain grid was established on the Oona claim to cover the Maxine Zone (see figure 5). A baseline, 4+00N, was run east-west from line 45+00W to line 60+00W. Cross lines oriented due north-south were spaced at 50m intervals with stations every 25m. Lines varied in length from 350m to 750m, including additional stations added August 20 - 21, 1992. Grid lines totalled 17.9km.

Soil samples were collected every 25m. 546 samples were collected from July 7 - 12 and 142 samples from August 20 - 21, 1992 as follow-up. A total of 688 soil samples were collected and shipped via Greyhound to the laboratory of Bondar-Clegg in North Vancouver for geochemical analysis of copper. All soil samples were collected well into the "B" horizon at depths of 10-30cm. A grid co-ordinate was assigned to each sample.

4.2 Results

Geochemical analysis revealed several significant anomalies. Copper values >150ppm were considered to be anomalous and contoured (figure 5) on intervals of: 150-250ppm
250-500ppm
>500 ppm

The north-central, south-central, and southwest portions of the grid have numerous subcroppings and outcroppings with only a shallow covering of overburden. Relief in areas of bluffs and south towards Kamloops Lake is quite steep with slopes up to approximately 45°. Elsewhere overburden is deeper with few rock exposures and more gentle slopes.

1) The largest anomaly, trending in an east-west direction, 750m long and 150m wide lies in the south central part of lines 49+50W to 57+00W. It is underlain by brecciated and altered Cherry Creek intrusives and Nicola Group volcanics. Values range from 150ppm - 1171ppm Cu.

2) A second major northwest trending anomaly lies in the north central - northeast portion of the grid from line 47+50W to line 52+00W. It is roughly 450m long and up to 100m wide and is underlain by altered Nicola volcanics to the northwest and altered and brecciated Cherry Creek intrusives to the southeast. It is within this anomaly that rock chip sample, IM92-15, returned a value of 3.0% Cu. Geochemical results range from 150ppm - 635ppm Cu.

3) A third anomalous zone from line 53+50W to line 55+50W lies in the north central part of the grid and covers the old Maxine Mine workings. It is predominantly underlain by volcanics although pods of intrusives may be present. Soil disturbances have occurred in this area due to previous mining and road construction and may have affected geochemical values.

4) To the northwest, line 56+50W to line 59+00W, a fourth geochemical anomaly extends over a length of 250m and width of 50m. Rock chip sample IM92-17 was collected in the area of line 57+00W and 5+00N and assayed 3.1% Cu. Nicola Group volcanics underlie this area. Copper in soils go up to 685 ppm.

5) The last significant anomaly lies in an east-west direction starting at line 57+50W and is open at the western end of the grid, line 60+00W. It is up to 150m wide in places and is underlain by Nicola Group volcanics. Soil samples returned highs up to 1293ppm Cu.

5. 1992 MAGNETOMETER SURVEY

5.1 Procedure

During July 7 - 12, 1992 a magnetometer survey was conducted over 11.8km of the grid using a Unimaq 2 proton magnetometer. Magnetic readings were taken at 25m spaced grid stations while facing west. One base station per line was utilized to account for diurnal variations. However since diurnal variations were slight, generally less than 50 gammas, in comparison to a range of up to 3800 gammas in magnetic readings over the grid raw data was used for contouring and interpretation.

Magnetic readings were contoured (see figure 6) at 500 gamma intervals:
7000-7500 gammas
7500-8000 gammas
8000-8500 gammas
8500-9000 gammas
9000-9500 gammas
9500-10000 gammas.

5.2 Results

Interpretation of magnetic readings will be discussed with respect to the areas covered by the five geochemical anomalies aforementioned.

1) This area (lines 49+50W - 57+00W) is characterized by a northeast trending magnetic low enveloped by a magnetic high, typical of the main Afton ore deposit. The magnetic low, less than 8000 gammas, corresponds with anomalous soil copper values greater than 150ppm. Highly anomalous geochemical results, greater than 250ppm, correlate directly to magnetic lows less than 7500 gammmas. Magnetic data is incomplete in the southwestern part of the geochemical anomaly. Rock exposure is relatively good in the area.

2) The area from line 47+50W to line 52+00W is characterized by scattered magnetic lows, less than 7500 gammas, trending northeasterly over a distance of 150m. Rock chip sample IM92-15, 3.0% Cu, falls within one of these lows. Scattered highs flank the lows. Again rock exposure is good.

3) The Maxine Mine at line 55+00W and 5+50N lies in a northwest trending magnetic low reflecting the mineralized structure. Several other magnetic lows trending northeast and northwest cover the area to the north and the south of the old workings.

4) Magnetic lows, less than 7500 gammas, trending northwest and west-northwest cover a large portion of the geochemical anomaly from line 56+50W to line 59+00W. Strong scattered magnetic spot highs flank the area. A magnetic high of 10527 gammas at line 57+00W and 5+50N is just north of a magnetic low where rock chip sample IM92-17 assayed 3.1% Cu.

5) Magnetic data is incomplete in this area (line 57+50W to 60+00W), however one magnetic low with associated highs corresponds with the geochemical anomaly.

A general east-northeast trending magnetic configuration in the order of 7500-7900 gammas cuts the grid and may reflect the contact between Cherry Creek intrusives and Nicola Group volcanics.

6. DISCUSSION OF RESULTS

Results from soil geochemistry, geological mapping and sampling, and magnetic data provide several targets for future exploration on the Maxine Zone (Oona claim).

The contact between the Cherry Creek phase of the Iron Mask Batholith and Upper Triassic Nicola Group volcanics transects the Maxine Zone in a general northeast direction. To the west and northwest of the contact lay three geochemical anomalies underlain by Nicola Group volcanics. The first extends from line 56+50W to line 59+00W and has a coincident magnetic low. Strong, spotty magnetic highs are associated with the geochemical anomaly. To the west of the contact from line 57+50W to line 60+00W lies an east-west trending geochemical anomaly with associated magnetic lows. A third anomalous zone, line 53+50W to line 55+50W, northwest of the lithologic contact is also predominantly underlain by Nicola volcanics. The old Maxine Mine lies at line 55+00W and 5+50N and falls within the geochemical anomaly with an associated magnetic low. It is hosted by a northwest trending shear zone that may be extended through further exploration. Moderate to strong epidote, carbonate, and local hematite alteration is found throughout the Nicola volcanics. Malachite showings are abundant throughout this area occurring as smears along fracture planes. The above geochemical/magnetic anomalies offer the potential of hosting structurally controlled (shear zone) copper (gold) deposits.

Covering the Nicola Group/Iron Mask contact are two significant geochemical anomalies underlain by brecciated and altered Cherry Creek intrusives to the northeast and southeast and by Nicola Group volcanics to the west and northwest. The breccia zone strikes northeast and appears to be intrusive in nature. The first anomaly, the largest, extends from line 49+50W to line 57+00W in the southern portion of the grid and is up to 150m wide. The second geochemical anomaly trends northeast over the northern part of lines 47+50W to line 52+00W. Both have associated magnetic lows enveloped by magnetic highs. Rock exposure is good in this area. Alteration consists primarily of epidote and carbonate. Numerous malachite showing are scattered throughout the two geochemical anomalies. Chalcopyrite, disseminated and fracture filling, pyrite, and chalcocite occur locally. This area of the Maxine Zone has similarities to the Afton Cu (Au) porphyry deposit to the south and has the potential to host the same style of mineralization. The magnetic configuration, a low flanked by a high, is the same as that at the main Afton ore body. The geological environment, brecciated, altered Iron Mask Batholith intrusives enveloped by volcanics, is similar to Afton and warrants further investigation.

7. COST STATEMENT

FIELD CREW		
J. Kerr	1 day @ $350/day	350.00
M. Schatten	8.5 days @ $192/day	1,632.00
D. Wager	8.5 days @ $162/day	1,377.00
G. Kerr	2 days @ $100/day	200.00
(includes travel)		
ASSAYS & ANALYTICAL		
688 soil samples @ $3/sample		2,064.00
31 rock samples @ $10/sample		310.00
ROOM & BOARD		
18 man days @ $60/man/day		1080.00
VEHICLE RENTAL		
9 days (including fuel & mileage) @ $60/day		540.00
MISCELLANEOUS SUPPLIES		
Field supplies		400.00
Magnetometer rental - 3 days @ $20/day		60.00
COMPILATION & REPORT		
Aug 26 - Sept 4, Sept 23 - 28, 1992		
Report preparation & Drafting		
M. Schatten		
13.5 days @ $192/day		2,592.00
Photocopies, printing		150.00
Computer rental		
4 days @ $23/day		92.00
TOTAL EXPENSES		**$10,547.00**

8. BIBLIOGRAPHY

Donkersloot, P. and Jensen, S., 1990; 'Assessment Report on the Dal 1, Dal 2, Oona, Contact, and Oona 2 Claims.'

Kwong, Y.T.J., 1987; 'Evolution of the Iron Mask Batholith and its Associated Copper Mineralization', Mineral Resources Division, Geological Survey Branch, Bulletin 77.

Northcote, K.E., 1977; 'Notes to Accompany Preliminary Map No. 26, Iron Mask Batholith, (92I/10E,9W)', Ministry of Mines and Petroleum Resources.

9. STATEMENT OF QUALIFICATIONS

I, MYRA G. SCHATTEN, resident of Calgary, Province of Alberta, hereby certify as follows:

1. I am a contract geologist currently employed by Eureka Resources, Inc. at 837 East Cordova, Vancouver, B.C..

2. I was actively involved as a field geologist on the Iron Mask North property during the 1992 geochemical, geological, and geophysical program and assisted in the collection of the data referred to in this report.

3. I graduated from the University of Alberta, Edmonton, Alberta, B.Sc. Geology, 1987. I have been actively involved in mineral exploration since 1987.

DATED at Vancouver, Province of British Columbia this 30th day of September, 1992.

M.G. Schatten, B.Sc.
Geologist

I, JOHN R. KERR, of Vancouver, British Columbia, do hereby certify that:

1. I am a member of the Association of Professional Engineers of British Columbia and a Fellow of the Geological Association of Canada.

2. I am a geologist employed by Eureka Resources Inc. of 837 East Cordova Street, Vancouver, B.C..

3. I am a graduate of the University of British Columbia (1964) with a B.A.Sc. degree in Geological Engineering.

4. I have practised my profession continuously since graduation.

5. I supervised and assisted in the collection of the data as compiled in this report. I have reviewed the contents of this report which is based on the aforementioned data, and supervised the compilation and authorship by M. Schatten. I verify the costs as reported to be true.

6. I am an officer and director of Eureka Resources Inc. and hold a direct and indirect interest in the securities of this company.

DATED at Vancouver, Province of British Columbia this 30th day of September, 1992.

J.R. Kerr, P. Eng.

APPENDIX I

ANALYTICAL RESULTS

Bondar-Clegg & Company Ltd.
130 Pemberton Avenue
North Vancouver, B.C.
V7P 2R5
Tel: (604) 985-0681
Fax: (604) 985-1071

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V92-00734.0 (COMPLETE)

DATE PRINTED: 23-JUL-92
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
S1 IM L45+50W 0+50N			139
S1 IM L45+50W 0+75N			141
S1 IM L45+50W 1+00N			208
S1 IM L45+50W 1+25N			214
S1 IM L45+50W 1+50N			191
S1 IM L45+50W 1+75N			154
S1 IM L45+50W 2+00N			54
S1 IM L45+50W 2+25N			82
S1 IM L45+50W 2+50N			91
S1 IM L45+50W 2+75N			67
S1 IM L45+50W 3+00N			67
S1 IM L45+50W 3+25N			55
S1 IM L45+50W 3+50N			68
S1 IM L45+50W 3+75N			88
S1 IM L46W 0+50N			368
S1 IM L46W 0+75N			381
S1 IM L46W 1+00N			64
S1 IM L46W 1+25N			109
S1 IM L46W 1+50N			102
S1 IM L46W 1+75N			127
S1 IM L46W 2+00N			76
S1 IM L46W 2+25N			89
S1 IM L46W 2+50N			78
S1 IM L46W 2+75N			99
S1 IM L46W 3+00N			93
S1 IM L46W 3+25N			91
S1 IM L46W 3+50N			86
S1 IM L46W 3+75N			110
S1 IM L46+50W 0+50N			99
S1 IM L46+50W 0+75N			68
S1 IM L46+50W 1+00N			63
S1 IM L46+50W 1+25N			83
S1 IM L46+50W 1+50N			79
S1 IM L46+50W 1+75N			124
S1 IM L46+50W 2+00N			135
S1 IM L46+50W 2+25N			106
S1 IM L46+50W 2+50N			116
S1 IM L46+50W 2+75N			155
S1 IM L46+50W 3+00N			157
S1 IM L46+50W 3+25N			189

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
S1 IM L46+50W 3+50N			184
S1 IM L46+50W 3+75N			279
S1 IM L47+00W 0+50N			74
S1 IM L47+00W 0+75N			109
S1 IM L47+00W 1+00N			96
S1 IM L47+00W 1+25N			75
S1 IM L47+00W 1+50N			122
S1 IM L47+00W 1+75N			88
S1 IM L47+00W 2+00N			147
S1 IM L47+00W 2+25N			154
S1 IM L47+00W 2+50N			155
S1 IM L47+00W 2+75N			158
S1 IM L47+00W 3+00N			163
S1 IM L47+00W 3+25N			125
S1 IM L47+00W 3+50N			135
S1 IM L47+00W 3+75N			137
S1 IM L47+50W 0+50N			78
S1 IM L47+50W 0+75N			62
S1 IM L47+50W 1+00N			81
S1 IM L47+50W 1+25N			93
S1 IM L47+50W 1+50N			73
S1 IM L47+50W 1+75N			95
S1 IM L47+50W 2+00N			141
S1 IM L47+50W 2+25N			118
S1 IM L47+50W 2+50N			123
S1 IM L47+50W 2+75N			161
S1 IM L47+50W 3+00N			139
S1 IM L47+50W 3+25N			166
S1 IM L47+50W 3+50N			132
S1 IM L47+50W 3+75N			143
S1 IM L48+00W 0+00N			147
S1 IM L48+00W 0+25N			74
S1 IM L48+00W 0+50N			96
S1 IM L48+00W 0+75N			100
S1 IM L48+00W 1+00N			84
S1 IM L48+00W 1+25N			65
S1 IM L48+00W 1+50N			78
S1 IM L48+00W 1+75N			104
S1 IM L48+00W 2+00N			138
S1 IM L48+00W 2+25N			151

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Geochemical Lab Report

DATE PRINTED: 23-JUL-92

REPORT: V92-00734.0 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	
S1 IM L48+00W 2+50N			193	
S1 IM L48+00W 2+75N			67	
S1 IM L48+00W 3+00N			115	
S1 IM L48+00W 3+25N			182	
S1 IM L48+00W 3+50N			142	
S1 IM L48+00W 3+75N			134	
S1 IM L48+50W 0+00N			99	
S1 IM L48+50W 0+25N			103	
S1 IM L48+50W 0+75N			99	
S1 IM L48+50W 0+75N A			73	
S1 IM L48+50W 1+00N			99	
S1 IM L48+50W 1+25N			116	
S1 IM L48+50W 1+50N			132	
S1 IM L48+50W 1+75N			115	
S1 IM L48+50W 2+00N			111	
S1 IM L48+50W 2+25N			97	
S1 IM L48+50W 2+50N			135	
S1 IM L48+50W 2+75N			114	
S1 IM L48+50W 3+00N			126	
S1 IM L48+50W 3+25N			140	
S1 IM L48+50W 3+50N			138	
S1 IM L48+50W 3+75N			126	
R2 IM92-1		8	22	[illegible]
R2 IM92-2		10	108	.01
R2 IM92-3		<5	364	.04
R2 IM92-4		7	101	.01
R2 IM92-5		<5	2629	
R2 IM92-6		<5	2961	

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Geochemical Lab Report

DATE PRINTED: 23-JUL-92

REPORT: V92-00735.0 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 IM 58+50W 5+00N		89
S1 IM 58+50W 5+25N		81
S1 IM 58+50W 5+50N		79
S1 IM 58+50W 5+75N		91
S1 IM 58+50W 6+00N		453
S1 IM 58+50W 6+25N		46
S1 IM 58+50W 6+50N		57
S1 IM 58+50W 6+75N		58
S1 IM 58+50W 7+00N		167
S1 IM 58+50W 7+25N		80
S1 IM L59W 4+25N		91
S1 IM L59W 4+50N		442
S1 IM L59W 4+75N		193
S1 IM L59W 5+00N		83
S1 IM L59W 5+25N		84
S1 IM L59W 5+50N		114
S1 IM L59W 5+75N		43
S1 IM L59W 6+00N		40
S1 IM L59W 6+25N		46
S1 IM L59W 6+50N		47
S1 IM L59W 6+75N		55
S1 IM L59W 7+00N		183
S1 IM L59W 7+25N		516
S1 IM L59W 7+50N		171
S1 IM L59W 7+75N		46
S1 IM L59+50W 4+25N		112
S1 IM L59+50W 4+50N		188
S1 IM L59+50W 4+75N		55
S1 IM L59+50W 5+00N		67
S1 IM L59+50W 5+25N		248
S1 IM L59+50W 5+50N		50
S1 IM L59+50W 5+75N		46
S1 IM L59+50W 6+00N		32
S1 IM L59+50W 6+25N		36
S1 IM L59+50W 6+50N		46
S1 IM L59+50W 6+75N		49
S1 IM L59+50W 7+00N		102
S1 IM L59+50W 7+25N		95
S1 IM L59+50W 7+50N		82
S1 IM L59+50W 7+75N		41

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 IM L60W 4+25N		155
S1 IM L60W 4+50N		189
S1 IM L60W 4+75N		229
S1 IM L60W 5+00N		87
S1 IM L60W 5+25N		70
S1 IM L60W 5+50N		233
S1 IM L60W 5+75N		72
S1 IM L60W 6+00N		50
S1 IM L60W 6+25N		51
S1 IM L60W 6+50N		39
S1 IM L60W 6+75N		48
S1 IM L60W 7+00N		50
S1 IM L60W 7+25N		50
S1 IM L60W 7+50N		50
S1 IM L60W 7+75N		44

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Geochemical Lab Report

DATE PRINTED: 23-JUL-92

REPORT: V92-00735.0 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 IM L55W 5+00N		48	S1 IM L56+50W 5+00N		112
S1 IM L55W 5+25N		186	S1 IM L56+50W 5+25N		157
S1 IM L55W 5+50N		308	S1 IM L56+50W 5+50N		111
S1 IM L55W 5+75N		68	S1 IM L56+50W 5+75N		77
S1 IM L55W 6+00N		427	S1 IM L56+50W 6+00N		51
S1 IM L55+50W 2+00N		307	S1 IM L56+50W 6+25N		39
S1 IM L55+50W 2+25N		200	S1 IM L57W 4+25N		89
S1 IM L55+50W 2+50N		203	S1 IM L57W 4+50N		93
S1 IM L55+50W 2+75N		356	S1 IM L57W 4+75N		49
S1 IM L55+50W 3+00N		660	S1 IM L57W 5+00N		685
S1 IM L55+50W 3+25N		171	S1 IM L57W 5+25N		558
S1 IM L55+50W 3+50N		316	S1 IM L57W 5+50N		105
S1 IM L55+50W 3+75N		48	S1 IM L57W 5+75N		87
S1 IM L55+50W 4+25N		65	S1 IM L57W 6+00N		26
S1 IM L55+50W 4+50N		138	S1 IM L57W 6+25N		152
S1 IM L55+50W 4+75N		200	S1 IM L57+50W 4+25N		520
S1 IM L55+50W 5+00N		72	S1 IM L57+50W 4+50N		72
S1 IM L55+50W 5+25N		78	S1 IM L57+50W 4+75N		52
S1 IM L55+50W 5+50N		83	S1 IM L57+50W 5+00N		76
S1 IM L55+50W 5+75N		75	S1 IM L57+50W 5+25N		115
S1 IM L55+50W 6+00N		68	S1 IM L57+50W 5+50N		300
S1 IM L56+00W 2+00N		213	S1 IM L57+50W 5+75N		412
S1 IM L56+00W 2+25N		156	S1 IM L57+50W 6+00N		61
S1 IM L56+00W 2+50N		164	S1 IM L57+50W 6+25N		35
S1 IM L56+00W 2+75N		99	S1 IM L57+50W 6+50N		45
S1 IM L56+00W 3+00N		98	S1 IM L57+50W 6+75N		43
S1 IM L56+00W 3+25N		55	S1 IM L58W 4+25N		94
S1 IM L56+00W 3+50N		78	S1 IM L58W 4+50N		137
S1 IM L56+00W 3+75N		50	S1 IM L58W 4+75N		39
S1 IM L56+00W 4+25N		48	S1 IM L58W 5+00N		38
S1 IM L56+00W 4+50N		57	S1 IM L58W 5+25N		59
S1 IM L56+00W 4+75N		77	S1 IM L58W 5+50N		65
S1 IM L56+00W 5+00N		70	S1 IM L58W 5+75N		105
S1 IM L56+00W 5+25N		64	S1 IM L58W 6+00N		67
S1 IM L56+00W 5+50N		98	S1 IM L58W 6+25N		49
S1 IM L56+00W 5+75N		94	S1 IM L58W 6+50N		167
S1 IM L56+00W 6+00N		51	S1 IM L58W 6+75N		84
S1 IM L56+50W 4+25N		77	S1 IM L58+50W 4+25N		93
S1 IM L56+50W 4+50N		49	S1 IM L58+50W 4+50N		74
S1 IM L56+50W 4+75N		30	S1 IM L58+50W 4+75N		213

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 22-SEP-92

REPORT: V92-01145.0 (COMPLETE)

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
R2 IM92-20		9	311
R2 IM92-21		<5	78
R2 IM92-22		<5	39
R2 IM92-23		<5	251
R2 IM92-24		<5	115
R2 IM92-25		<5	19
R2 IM92-26		<5	5
R2 IM92-27		7	7
R2 IM92-28		6	10
R2 IM92-29		<5	30
R2 IM92-30		<5	39
R2 IM92-31		9	16

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Certificate of Analysis

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 15-SEP-92

REPORT: V92-01038.6 (COMPLETE)

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
R2 IM92-15		3.03
R2 IM92-17		3.10

Registered Assayer, Province of British Columbia

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Geochemical Lab Report

DATE PRINTED: 2-SEP-92

REPORT: V92-01038.0 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
S1 IM L54+50W 7+25N			64
S1 IM L54+50W 7+50N			69
S1 IM L55+00W 1+25N			262
S1 IM L55+00W 1+50N			207
S1 IM L55+00W 1+75N			242
S1 IM L55+00W 6+25N			92
S1 IM L55+00W 6+50N			43
S1 IM L55+00W 6+75N			81
S1 IM L55+00W 7+00N			50
S1 IM L55+00W 7+25N			36
S1 IM L55+00W 7+50N			44
S1 IM L55+50W 1+50N			185
S1 IM L55+50W 1+75N			144
S1 IM L55+50W 6+25N			43
S1 IM L55+50W 6+50N			44
S1 IM L55+50W 6+75N			41
S1 IM L55+50W 7+00N			51
S1 IM L56+50W 2+00N			255
S1 IM L56+50W 2+25N			270
S1 IM L56+50W 2+50N			132
S1 IM L56+50W 2+75N			224
S1 IM L56+50W 3+00N			120
S1 IM L56+50W 3+25N			89
S1 IM L56+50W 3+50N			86
S1 IM L56+50W 3+75N			107
S1 IM L57+00W 2+00N			296
S1 IM L57+00W 2+25N			161
S1 IM L57+00W 2+50N			1171
S1 IM L57+00W 2+75N			95
S1 IM L57+00W 3+00N			87
S1 IM L57+00W 3+25N			90
S1 IM L57+00W 3+50N			105
S1 IM L57+00W 3+75N			92
S1 IM L57+50W 2+50N			78
S1 IM L57+50W 2+75N			48
S1 IM L57+50W 3+00N			68
S1 IM L57+50W 3+25N			93
S1 IM L57+50W 3+50N			61
S1 IM L57+50W 3+75N			136
S1 IM L58+00W 2+50N			224

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
S1 IM L58+00W 2+75N			135
S1 IM L58+00W 3+00N			213
S1 IM L58+00W 3+25N			560
S1 IM L58+00W 3+50N			107
S1 IM L58+00W 3+75N			155
S1 IM L58+50W 2+50N			190
S1 IM L58+50W 2+75N			145
S1 IM L58+50W 3+00N			215
S1 IM L58+50W 3+25N			172
S1 IM L58+50W 3+50N			166
S1 IM L58+50W 3+75N			107
S1 IM L59+00W 3+00N			120
S1 IM L59+00W 3+25N			62
S1 IM L59+00W 3+50N			130
S1 IM L59+00W 3+75N			1293
S1 IM L59+50W 3+00N			477
S1 IM L59+50W 3+25N			93
S1 IM L59+50W 3+50N			432
S1 IM L59+50W 3+75N			152
S1 IM L60+00W 3+00N			123
S1 IM L60+00W 3+50N			275
S1 IM L60+00W 3+75N			163
R2 IM92-06		75	10970
R2 IM92-07		<5	370
R2 IM92-08		<5	1295
R2 IM92-09		15	2894
R2 IM92-10		147	13026
R2 IM92-11		113	18698
R2 IM92-12		<5	11086
R2 IM92-13		9	123
R2 IM92-14		16	12105
R2 IM92-15		14	>20000
R2 IM92-16		7	10940
R2 IM92-17		12	>20000
R2 IM92-18		<5	1855
R2 IM92-19		<5	365

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Geochemical Lab Report

DATE PRINTED: 2-SEP-92

REPORT: V92-01038.0 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
S1 IN L47+50W 4+25N			110	S1 IN L51+50W 7+25N			48
S1 IN L47+50W 4+50N			122	S1 IN L51+50W 7+50N			74
S1 IN L47+50W 4+75N			164	S1 IN L52+00W 6+25N			91
S1 IN L47+50W 5+00N			205	S1 IN L52+00W 6+50N			128
S1 IN L47+50W 5+25N			97	S1 IN L52+00W 6+75N			82
S1 IN L47+50W 5+50N			68	S1 IN L52+00W 7+00N			101
S1 IN L48+00W 4+25N			222	S1 IN L52+00W 7+25N			130
S1 IN L48+00W 4+50N			116	S1 IN L52+00W 7+50N			126
S1 IN L48+00W 4+75N			107	S1 IN L52+50W 6+25N			61
S1 IN L48+00W 5+00N			110	S1 IN L52+50W 6+50N			131
S1 IN L48+00W 5+25N			149	S1 IN L52+50W 6+75N			145
S1 IN L48+00W 5+50N			274	S1 IN L52+50W 7+00N			218
S1 IN L48+50W 4+25N			173	S1 IN L52+50W 7+25N			89
S1 IN L48+50W 4+50N			209	S1 IN L52+50W 7+50N			90
S1 IN L48+50W 4+75N			143	S1 IN L53+00W 0+50N			210
S1 IN L48+50W 5+00N			115	S1 IN L53+00W 0+75N			285
S1 IN L48+50W 5+25N			154	S1 IN L53+00W 6+25N			208
S1 IN L48+50W 5+50N			147	S1 IN L53+00W 6+50N			90
S1 IN L49+00W 4+25N			156	S1 IN L53+00W 6+75N			48
S1 IN L49+00W 4+50N			181	S1 IN L53+00W 7+00N			90
S1 IN L49+00W 4+75N			94	S1 IN L53+00W 7+25N			44
S1 IN L49+00W 5+00N			100	S1 IN L53+00W 7+50N			42
S1 IN L49+00W 5+25N			135	S1 IN L53+50W 0+75N			214
S1 IN L49+00W 5+50N			100	S1 IN L53+50W 6+25N			126
S1 IN L49+00W 5+75N			104	S1 IN L53+50W 6+50N			93
S1 IN L49+50W 4+25N			131	S1 IN L53+50W 6+75N			64
S1 IN L49+50W 4+50N			129	S1 IN L53+50W 7+00N			69
S1 IN L49+50W 4+75N			193	S1 IN L53+50W 7+25N			65
S1 IN L49+50W 5+00N			141	S1 IN L53+50W 7+50N			74
S1 IN L49+50W 5+25N			103	S1 IN L54+00W 1+00N			99
S1 IN L49+50W 5+50N			89	S1 IN L54+00W 6+25N			175
S1 IN L49+50W 5+75N			131	S1 IN L54+00W 6+50N			64
S1 IN L51+00W 6+25N			62	S1 IN L54+00W 6+75N			132
S1 IN L51+00W 6+50N			150	S1 IN L54+00W 7+00N			292
S1 IN L51+00W 6+75N			128	S1 IN L54+00W 7+25N			146
S1 IN L51+00W 7+00N			47	S1 IN L54+00W 7+50N			58
S1 IN L51+50W 6+25N			92	S1 IN L54+50W 6+25N			70
S1 IN L51+50W 6+50N			67	S1 IN L54+50W 6+50N			45
S1 IN L51+50W 6+75N			98	S1 IN L54+50W 6+75N			50
S1 IN L51+50W 7+00N			128	S1 IN L54+50W 7+00N			104

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Geochemical Lab Report

REPORT: V92-00735.0 (COMPLETE)

DATE PRINTED: 23-JUL-92

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 IM 8L4N+00 45+00W		79
S1 IM 8L4N+00 45+50W		94
S1 IM 8L4N+00 46+00W		193
S1 IM 8L4N+00 46+50W		187
S1 IM 8L4N+00 47+00W		133
S1 IM 8L4N+00 47+50W		203
S1 IM 8L4N+00 48+00W		154
S1 IM 8L4N+00 48+50W		126
S1 IM 8L4N+00 49+00W		137
S1 IM 8L4N+00 49+50W		131
S1 IM 8L4N+00 50+00W		113
S1 IM 8L4N+00 50+50W		110
S1 IM 8L4N+00 51+00W		116
S1 IM 8L4N+00 51+50W		86
S1 IM 8L4N+00 52+00W		128
S1 IM 8L4N+00 52+50W		220
S1 IM 8L4N+00 53+00W		122
S1 IM 8L4N+00 53+50W		149
S1 IM 8L4N+00 54+00W		51
S1 IM 8L4N+00 54+50W		74
S1 IM 8L4N+00 55+50W		52
S1 IM 8L4N+00 56+00W		80
S1 IM 8L4N+00 56+50W		64
S1 IM 8L4N+00 57+00W		116
S1 IM 8L4N+00 57+50W		203
S1 IM 8L4N+00 58+00W		289
S1 IM 8L4N+00 58+50W		208
S1 IM 8L4N+00 59+00W		352
S1 IM 8L4N+00 59+50W		80
S1 IM 8L4N+00 60+00W		170
S1 IM L54W 1+25N		192
S1 IM L54W 1+50N		229
S1 IM L54W 1+75N		339
S1 IM L54W 2+00N		230
S1 IM L54W 2+25N		137
S1 IM L54W 2+50N		327
S1 IM L54W 2+75N		102
S1 IM L54W 3+00N		173
S1 IM L54W 3+25N		114
S1 IM L54W 3+50N		49
S1 IM L54W 3+75N		46
S1 IM L54W 4+25N		124
S1 IM L54W 4+50N		212
S1 IM L54W 4+75N		180
S1 IM L54W 5+00N		101
S1 IM L54W 5+25N		79
S1 IM L54W 5+50N		69
S1 IM L54W 5+75N		78
S1 IM L54W 6+00N		159
S1 IM L54+50W 1+25N		142
S1 IM L54+50W 1+50N		297
S1 IM L54+50W 1+75N		266
S1 IM L54+50W 2+00N		230
S1 IM L54+50W 2+25N		310
S1 IM L54+50W 2+50N		256
S1 IM L54+50W 2+75N		96
S1 IM L54+50W 3+00N		162
S1 IM L54+50W 3+25N		87
S1 IM L54+50W 3+50N		101
S1 IM L54+50W 3+75N		61
S1 IM L54+50W 4+25N		79
S1 IM L54+50W 4+50N		226
S1 IM L54+50W 4+75N		244
S1 IM L54+50W 5+00N		64
S1 IM L54+50W 5+25N		53
S1 IM L54+50W 5+50N		125
S1 IM L54+50W 5+75N		415
S1 IM L54+50W 6+00N		412
S1 IM L55W 2+00N		335
S1 IM L55W 2+25N		592
S1 IM L55W 2+50N		75
S1 IM L55W 2+75N		65
S1 IM L55W 3+00N		279
S1 IM L55W 3+25N		83
S1 IM L55W 3+50N		82
S1 IM L55W 3+75N		75
S1 IM L55W 4+00N		104
S1 IM L55W 4+25N		94
S1 IM L55W 4+50N		66
S1 IM L55W 4+75N		156

Bondar-Clegg & Company Ltd.
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(604) 985-0681 Telex 04-352[illegible]

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V87-[illegible] (COMPLETE)

DATE PRINTED: [illegible]

PROJECT: [illegible]

SAMPLE NUMBER	ELEMENT UNITS Cu PPM
S1 IM L49W 0+00N	164
S1 IM L49W 0+25N	192
S1 IM L49W 0+50N	97
S1 IM L49W 0+75N	84
S1 IM L49W 1+00N	106
S1 IM L49W 1+25N	95
S1 IM L49W 1+50N	109
S1 IM L49W 1+75N	99
S1 IM L49W 2+00N	113
S1 IM L49W 2+25N	131
S1 IM L49W 2+50N	139
S1 IM L49W 2+75N	107
S1 IM L49W 3+00N	120
S1 IM L49W 3+25N	124
S1 IM L49W 3+50N	150
S1 IM L49W 3+75N	137
S1 IM L49+50W 0+00N	115
S1 IM L49+50W 0+25N	132
S1 IM L49+50W 0+50N	115
S1 IM L49+50W 0+75N	145
S1 IM L49+50W 1+00N	121
S1 IM L49+50W 1+25N	127
S1 IM L49+50W 1+50N	128
S1 IM L49+50W 1+75N	320
S1 IM L49+50W 2+00N	162
S1 IM L49+50W 2+25N	150
S1 IM L49+50W 2+50N	157
S1 IM L49+50W 2+75N	168
S1 IM L49+50W 3+00N	106
S1 IM L49+50W 3+25N	124
S1 IM L49+50W 3+50N	170
S1 IM L49+50W 3+75N	122
S1 IM L50W 0+00N	142
S1 IM L50W 0+25N	243
S1 IM L50W 0+50N	194
S1 IM L50W 0+75N	112
S1 IM L50W 1+00N	176
S1 IM L50W 1+25N	138
S1 IM L50W 1+50N	136
S1 IM L50W 1+75N	168
S1 IM L50W 2+00N	173
S1 IM L50W 2+25N	133
S1 IM L50W 2+50N	204
S1 IM L50W 2+75N	194
S1 IM L50W 3+00N	133
S1 IM L50W 3+25N	115
S1 IM L50W 3+50N	117
S1 IM L50W 3+75N	100
S1 IM L50W 4+25N	172
S1 IM L50W 4+50N	162
S1 IM L50W 4+75N	177
S1 IM L50W 5+00N	201
S1 IM L50W 5+25N	167
S1 IM L50W 5+50N	217
S1 IM L50W 5+75N	151
S1 IM L50W 6+00N	63
S1 IM L50+50W 0+00N	145
S1 IM L50+50W 0+25N	113
S1 IM L50+50W 0+50N	226
S1 IM L50+50W 0+75N	208
S1 IM L50+50W 1+00N	130
S1 IM L50+50W 1+25N	150
S1 IM L50+50W 1+50N	197
S1 IM L50+50W 1+75N	212
S1 IM L50+50W 2+00N	128
S1 IM L50+50W 2+25N	128
S1 IM L50+50W 2+50N	104
S1 IM L50+50W 2+75N	125
S1 IM L50+50W 3+00N	79
S1 IM L50+50W 3+25N	152
S1 IM L50+50W 3+50N	142
S1 IM L50+50W 3+75N	161
S1 IM L50+50W 4+25N	160
S1 IM L50+50W 4+50N	81
S1 IM L50+50W 4+75N	132
S1 IM L50+50W 5+00N	242
S1 IM L50+50W 5+25N	257
S1 IM L50+50W 5+50N	269
S1 IM L50+50W 5+75N	145
S1 IM L50+50W 6+00N	77

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Geochemical Lab Report

REPORT: V8 ... COMPLETE

DATE PRINTED: ...

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 IM L51W 0+00N		231	S1 IM L51+50W 4+25N		107
S1 IM L51W 0+25N		137	S1 IM L51+50W 4+50N		102
S1 IM L51W 0+50N		[illegible]	S1 IM L51+50W 4+75N		129
S1 IM L51W 0+75N		[illegible]	S1 IM L51+50W 5+00N		137
S1 IM L51W 1+00N		223	S1 IM L51+50W 5+25N		162
S1 IM L51W 1+25N		179	S1 IM L51+50W 5+50N		178
S1 IM L51W 1+50N		139	S1 IM L51+50W 5+75N		103
S1 IM L51W 1+75N		116	S1 IM L51+50W 6+00N		394
S1 IM L51W 2+00N		134	S1 IM L52W 0+00N		211
S1 IM L51W 2+25N		173	S1 IM L52W 0+25N		183
S1 IM L51W 2+50N		98	S1 IM L52W 0+50N		178
S1 IM L51W 2+75N		144	S1 IM L52W 0+75N		192
S1 IM L51W 3+00N		131	S1 IM L52W 1+00N		220
S1 IM L51W 3+25N		135	S1 IM L52W 1+25N		156
S1 IM L51W 3+50N		107	S1 IM L52W 1+50N		222
S1 IM L51W 3+75N		126	S1 IM L52W 1+75N		142
S1 IM L51W 4+25N		107	S1 IM L52W 2+00N		192
S1 IM L51W 4+50N		183	S1 IM L52W 2+25N		100
S1 IM L51W 4+75N		213	S1 IM L52W 2+50N		138
S1 IM L51W 5+00N		171	S1 IM L52W 2+75N		108
S1 IM L51W 5+25N		191	S1 IM L52W 3+00N		129
S1 IM L51W 5+50N		635	S1 IM L52W 3+25N		107
S1 IM L51W 5+75N		100	S1 IM L52W 3+50N		111
S1 IM L51W 6+00N		102	S1 IM L52W 3+75N		91
S1 IM L51+50W 0+00N		295	S1 IM L52W 4+25N		101
S1 IM L51+50W 0+25N		192	S1 IM L52W 4+50N		87
S1 IM L51+50W 0+50N		83	S1 IM L52W 4+75N		119
S1 IM L51+50W 0+75N		135	S1 IM L52W 5+00N		135
S1 IM L51+50W 1+00N		139	S1 IM L52W 5+25N		93
S1 IM L51+50W 1+25N		138	S1 IM L52W 5+50N		126
S1 IM L51+50W 1+50N		149	S1 IM L52W 5+75N		129
S1 IM L51+50W 1+75N		162	S1 IM L52W 6+00N		272
S1 IM L51+50W 2+00N		218	S1 IM L52+50W 0+00N		158
S1 IM L51+50W 2+25N		70	S1 IM L52+50W 0+25N		136
S1 IM L51+50W 2+50N		94	S1 IM L52+50W 0+50N		167
S1 IM L51+50W 2+75N		243	S1 IM L52+50W 0+75N		161
S1 IM L51+50W 3+00N		113	S1 IM L52+50W 1+00N		137
S1 IM L51+50W 3+25N		122	S1 IM L52+50W 1+25N		217
S1 IM L51+50W 3+50N		149	S1 IM L52+50W 1+50N		274
S1 IM L51+50W 3+75N		90	S1 IM L52+50W 1+75N		277

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Geochemical Lab Report

REPORT: [illegible] (COMPLETE)

DATE PRINTED: [illegible]
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS Cu PPM
S1 IM L52+50W 2+00N	149
S1 IM L52+50W 2+25N	114
S1 IM L52+50W 2+50N	247
S1 IM L52+50W 2+75N	69
S1 IM L52+50W 3+00N	62
S1 IM L52+50W 3+25N	113
S1 IM L52+50W 3+50N	293
S1 IM L52+50W 3+75N	111
S1 IM L52+50W 4+25N	76
S1 IM L52+50W 4+50N	89
S1 IM L52+50W 4+75N	150
S1 IM L52+50W 5+00N	134
S1 IM L52+50W 5+25N	126
S1 IM L52+50W 5+50N	111
S1 IM L52+50W 5+75N	92
S1 IM L52+50W 6+00N	148
S1 IM L53W 1+00N	204
S1 IM L53W 1+25N	358
S1 IM L53W 1+50N	147
S1 IM L53W 1+75N	127
S1 IM L53W 2+00N	340
S1 IM L53W 2+25N	101
S1 IM L53W 2+50N	83
S1 IM L53W 2+75N	126
S1 IM L53W 3+00N	113
S1 IM L53W 3+25N	137
S1 IM L53W 3+50N	220
S1 IM L53W 3+75N	453
S1 IM L53W 4+25N	126
S1 IM L53W 4+50N	120
S1 IM L53W 4+75N	128
S1 IM L53W 5+00N	99
S1 IM L53W 5+25N	70
S1 IM L53W 5+50N	95
S1 IM L53W 5+75N	123
S1 IM L53W 6+00N	96
S1 IM L53+50W 1+00N	206
S1 IM L53+50W 1+50N	191
S1 IM L53+50W 1+75N	168
S1 IM L53+50W 2+00N	166
S1 IM L53+50W 2+25N	138
S1 IM L53+50W 2+50N	167
S1 IM L53+50W 2+75N	157
S1 IM L53+50W 3+00N	162
S1 IM L53+50W 3+25N	347
S1 IM L53+50W 3+50N	103
S1 IM L53+50W 3+75N	85
S1 IM L53+50W 4+25N	142
S1 IM L53+50W 4+50N	163
S1 IM L53+50W 4+75N	139
S1 IM L53+50W 5+00N	155
S1 IM L53+50W 5+25N	62
S1 IM L53+50W 5+50N	39
S1 IM L53+50W 5+75N	104
S1 IM L53+50W 6+00N	83

APPENDIX II

ANALYTICAL PROCEDURES

GEOCHEMICAL ANALYSIS FOR GOLD

Fire Assay Preconcentration finished by Atomic Absorption Spectroscopy

The fire assay preconcentration consists of a standard litharge fusion followed by cupellation of the lead button to obtain the precious metals concentrated into a tiny (about 3 mg) silver prill. Bondar-Clegg has adopted this technique as our primary method for the preconcentration of gold and other precious metals because of its proven track record and sensitivity. The silver prill is dissolved in aqua regia and the diluted solution is then aspirated into the AAS flame for measurement of the gold concentration.

GEOCHEMICAL ANALYSIS FOR Cu

Copper is analyzed routinely by Atomic Absorption Spectroscopy (AAS) following the dissolution of the sample with aqua regia. AAS is an instrumental method of analysis in which a sample that has been put into an aqueous solution is aspirated into the flame of the instrument for measurement of the concentration of the element(s) of interest. A light source emits light at the wave length of the element to be measured in a beam that passes through the flame. The atoms of the element in the flame absorb the light in proportion to the concentration of the element in the sample solution. This absorption is compared to those measured when a series of standard solutions has been aspirated in order to estimate the concentration of the element in the sample solution

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PROCEDURE FOR ASSAY AU ANALYSIS

FIRE ASSAY PROCEDURE:

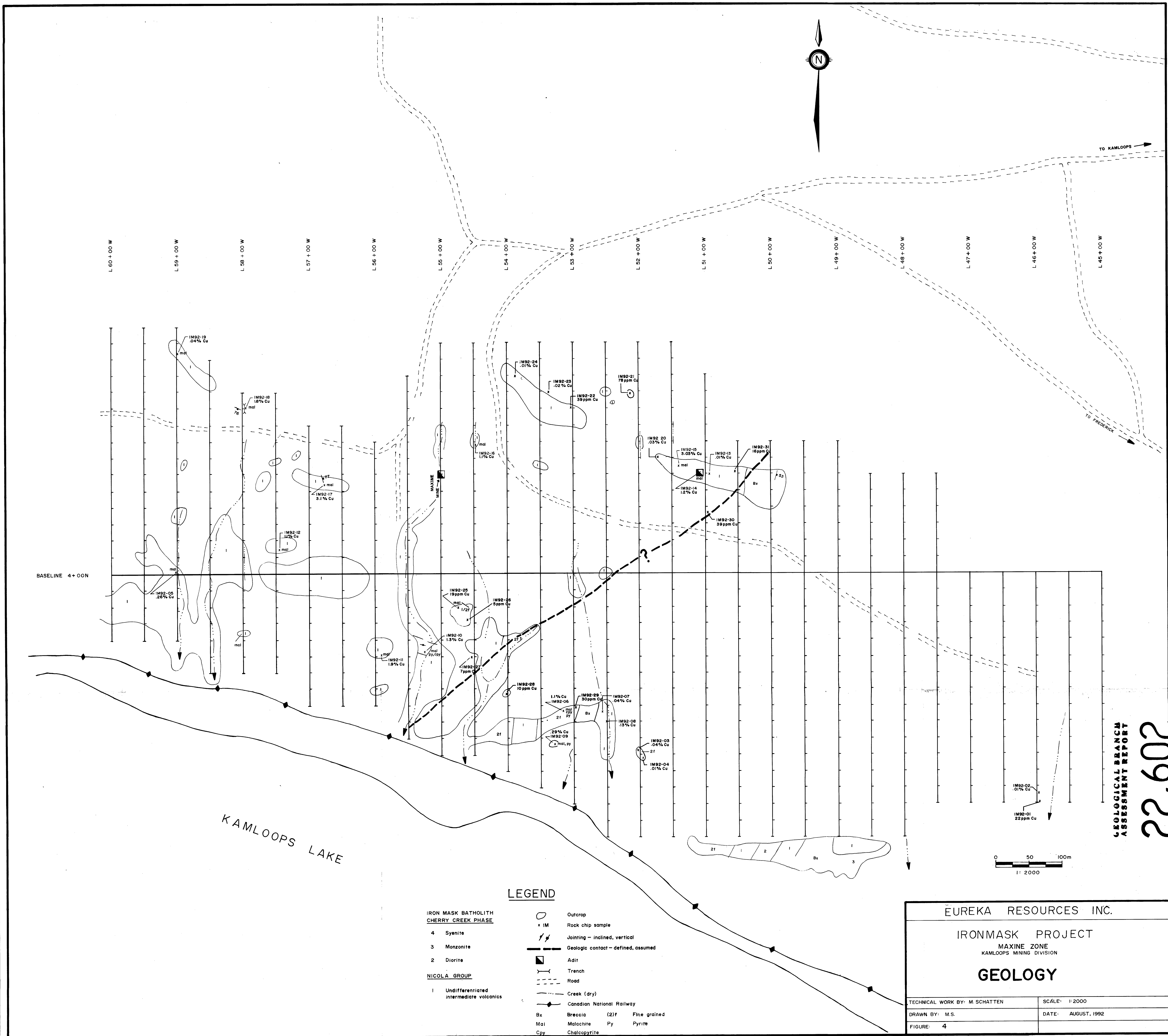
A prepared sample of one assay ton (29.166 grams) is mixed with a flux which is composed mainly of lead oxide. The proportions of the flux components (the litharge, soda, silica, borax glass, and flour) are adjusted depending upon the nature of the sample. Silver is added to help collect the gold. The samples are fused at 1950 F until a clear melt is obtained. The 30-40 gram lead button that is produced contains the precious metals. It is then separated from the slag. Heating in the cupellation furnace separates the lead from the noble metals. The precious metal beads that are produced are transferred to test tubes and dissolved with aqua-regia. This solution is analyzed using Atomic Absorption by comparing the absorbance of these solutions with that of standard solutions. In the case of high grade samples, greater than 0.200 OPT, the precious metal bead is parted in dilute HNO3 acid to dissolve the silver and the remaining gold is weighed.

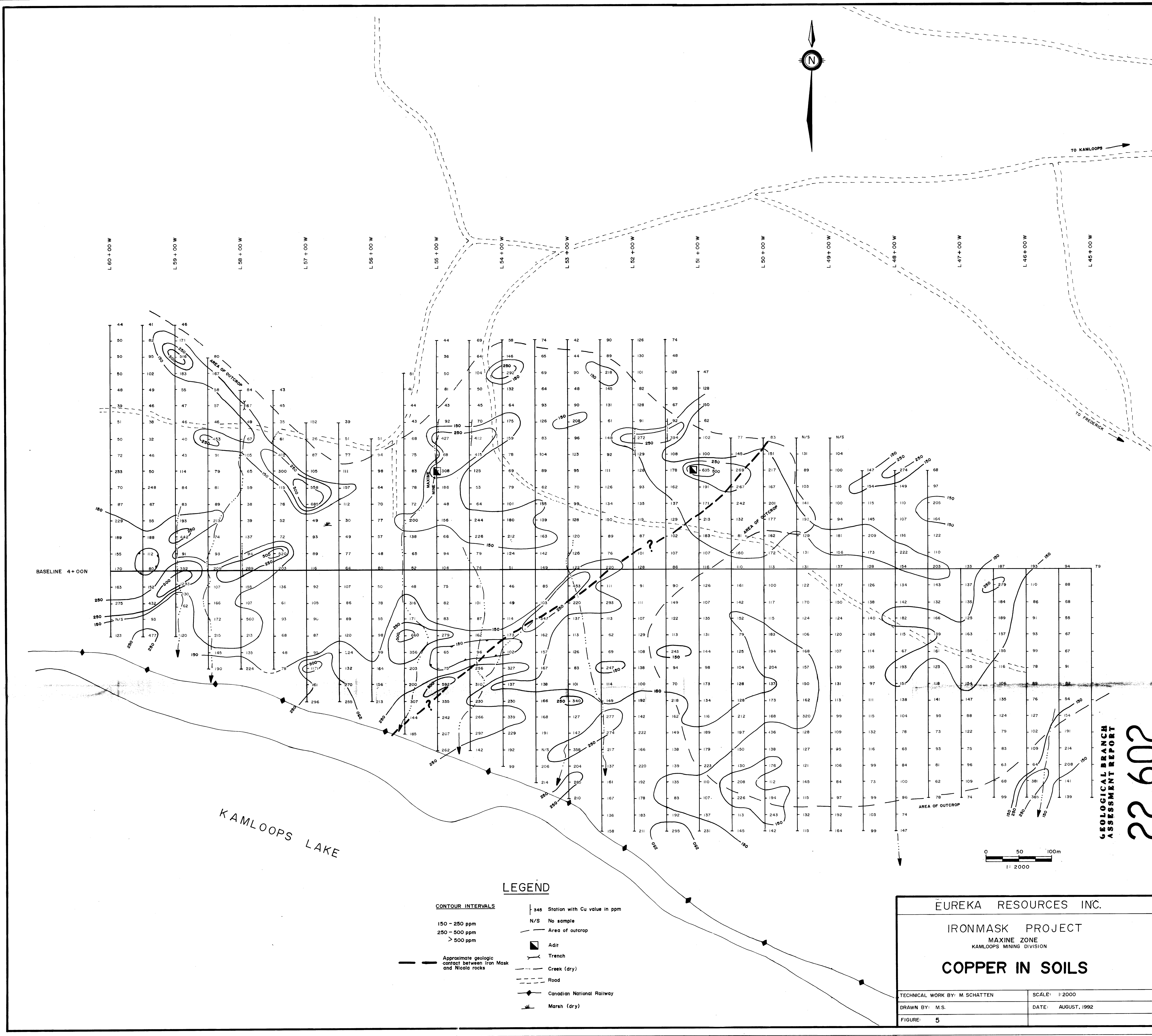
COMMENTS:

As part of our routine quality control we run a duplicate analysis for 2 out of each batch of 24 as well as a standard. These total about 12% of the samples. Also, all samples which are over 0.30 OPT on the original fusion are run again to verify the results. If a sample gives erratic results, such as 0.10, 0.020, 0.30, we will indicate this on the report. We suggest that a new split should be taken from the reject for preparation and analysis by our metallics sieve procedure. Certified standards and in house pulp standards as well as synthetic solution standards are run with each report or batch of samples.

COPPER ASSAY BY ATOMIC ABSORPTION

A 0.5 gram sample is weighed into a beaker and digested with HNO3 and HCl on a hotplate. The sample is taken down to dryness and then HCl is added with water and the sample is boiled into solution. The solution is transferred to an appropriate size flask. Then sample is run on an Atomic Absorption unit along with pulp and synthetic standards. Any sample over 15% is rerun by titration methods.


TO KAMLOOPS
TO FREDERICK
L 60+00 W
L 59+00 W
L 58+00 W
L 57+00 W
L 56+00 W
L 55+00 W
L 54+00 W
L 53+00 W
L 52+00 W
L 51+00 W
L 50+00 W
L 49+00 W
L 48+00 W
L 47+00 W
L 46+00 W
L 45+00 W
BASELINE 4+00N
MAXINE MINE
KAMLOOPS LAKE
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,602
0 50 100m
1: 2000
LEGEND
IRON MASK BATHOLITH
CHERRY CREEK PHASE
4 Syenite
3 Monzonite
2 Diorite
NICOLA GROUP
1 Undifferentiated intermediate volcanics
Outcrop
x IM Rock chip sample
Jointing – inclined, vertical
Geologic contact – defined, assumed
Adit
Trench
Road
Creek (dry)
Canadian National Railway
Bx Breccia
(2)f Fine grained
Mal Malachite
Py Pyrite
Cpy Chalcopyrite
EUREKA RESOURCES INC.
IRONMASK PROJECT
MAXINE ZONE
KAMLOOPS MINING DIVISION
GEOLOGY
TECHNICAL WORK BY: M. SCHATTEN
SCALE: 1:2000
DRAWN BY: M.S.
DATE: AUGUST, 1992
FIGURE: 4


TO KAMLOOPS
TO FREDERICK
L 60+00 W
L 59+00 W
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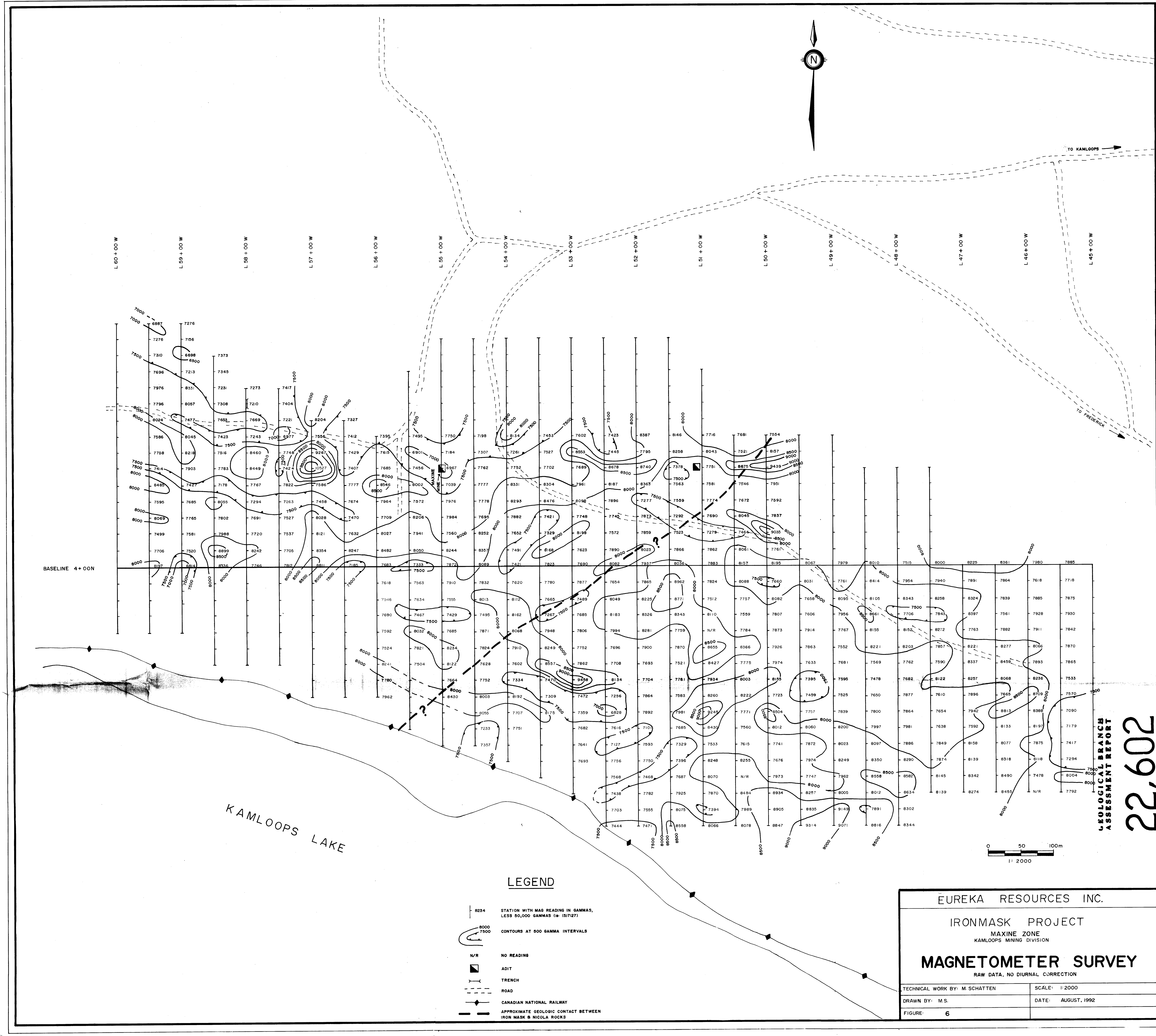
L 57+00 W
L 56+00 W
L 55+00 W
L 54+00 W
L 53+00 W
L 52+00 W
L 51+00 W
L 50+00 W
L 49+00 W
L 48+00 W
L 47+00 W
L 46+00 W
L 45+00 W
BASELINE 4+00N
AREA OF OUTCROP
MAXINE MINE
KAMLOOPS LAKE
0 50 100m
1: 2000
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,602
LEGEND
CONTOUR INTERVALS
150 - 250 ppm
250 - 500 ppm
> 500 ppm
Approximate geologic contact between Iron Mask and Nicola rocks
345 Station with Cu value in ppm
N/S No sample
Area of outcrop
Adit
Trench
Creek (dry)
Road
Canadian National Railway
Marsh (dry)
EUREKA RESOURCES INC.
IRONMASK PROJECT
MAXINE ZONE
KAMLOOPS MINING DIVISION
COPPER IN SOILS
TECHNICAL WORK BY: M. SCHATTEN
SCALE: 1:2000
DRAWN BY: M.S.
DATE: AUGUST, 1992
FIGURE: 5



EUREKA RESOURCES INC.
IRONMASK PROJECT
MAXINE ZONE
KAMLOOPS MINING DIVISION
MAGNETOMETER SURVEY
RAW DATA, NO DIURNAL CORRECTION
TECHNICAL WORK BY: M. SCHATTEN
SCALE: 1:2000
DRAWN BY: M.S.
DATE: AUGUST, 1992
FIGURE: 6
LEGEND
STATION WITH MAG READING IN GAMMAS, LESS 50,000 GAMMAS (ie: (5)7127)
CONTOURS AT 500 GAMMA INTERVALS
N/R NO READING
ADIT
TRENCH
ROAD
CANADIAN NATIONAL RAILWAY
APPROXIMATE GEOLOGIC CONTACT BETWEEN IRON MASK & NICOLA ROCKS
KAMLOOPS LAKE
BASELINE 4+00N
TO KAMLOOPS
TO FREDERICK
MAXINE ADIT
L 60+00 W
L 59+00 W
L 58+00 W
L 57+00 W
L 56+00 W
L 55+00 W
L 54+00 W
L 53+00 W
L 52+00 W
L 51+00 W
L 50+00 W
L 49+00 W
L 48+00 W
L 47+00 W
L 46+00 W
L 45+00 W
0 50 100m
1:2000
GEOLOGICAL BRANCH ASSESSMENT REPORT
22,602