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JUN 8 1992
Gold Commissioner's Office
VANCOUVER, B.C.

on the

EHOLT GOLD-COPPER PROPERTY
GRAND FORKS - PHOENIX - GREENWOOD AREA
GREENWOOD MINING DIVISION, B.C.

LATITUDE 49 DEGREES 10 MINUTES NORTH
LONGITUDE 118 DEGREES 32 MINUTES WEST
MAP REFERENCE - N.T.S. 82E/1W & 2E

on behalf of

GOLDEN KOOTENAY RESOURCES INC.

by

JAMES W. McLEOD, P. Geo.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

February 6, 1992
Delta, British Columbia

22,116

REPORT

on the

EHOLT GOLD-COPPER PROPERTY
GRAND FORKS - PHOENIX - GREENWOOD AREA
GREENWOOD MINING DIVISION, B.C.

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Revised: June 1, 1992
February 6, 1992
Delta, British Columbia

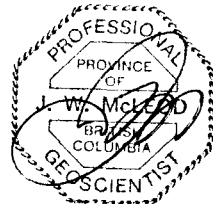


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| 14) ROCK EXPOSURE & CLAIM LOCATION MAP | in back |

↓ Note
Fig 12 & 13

SUMMARY

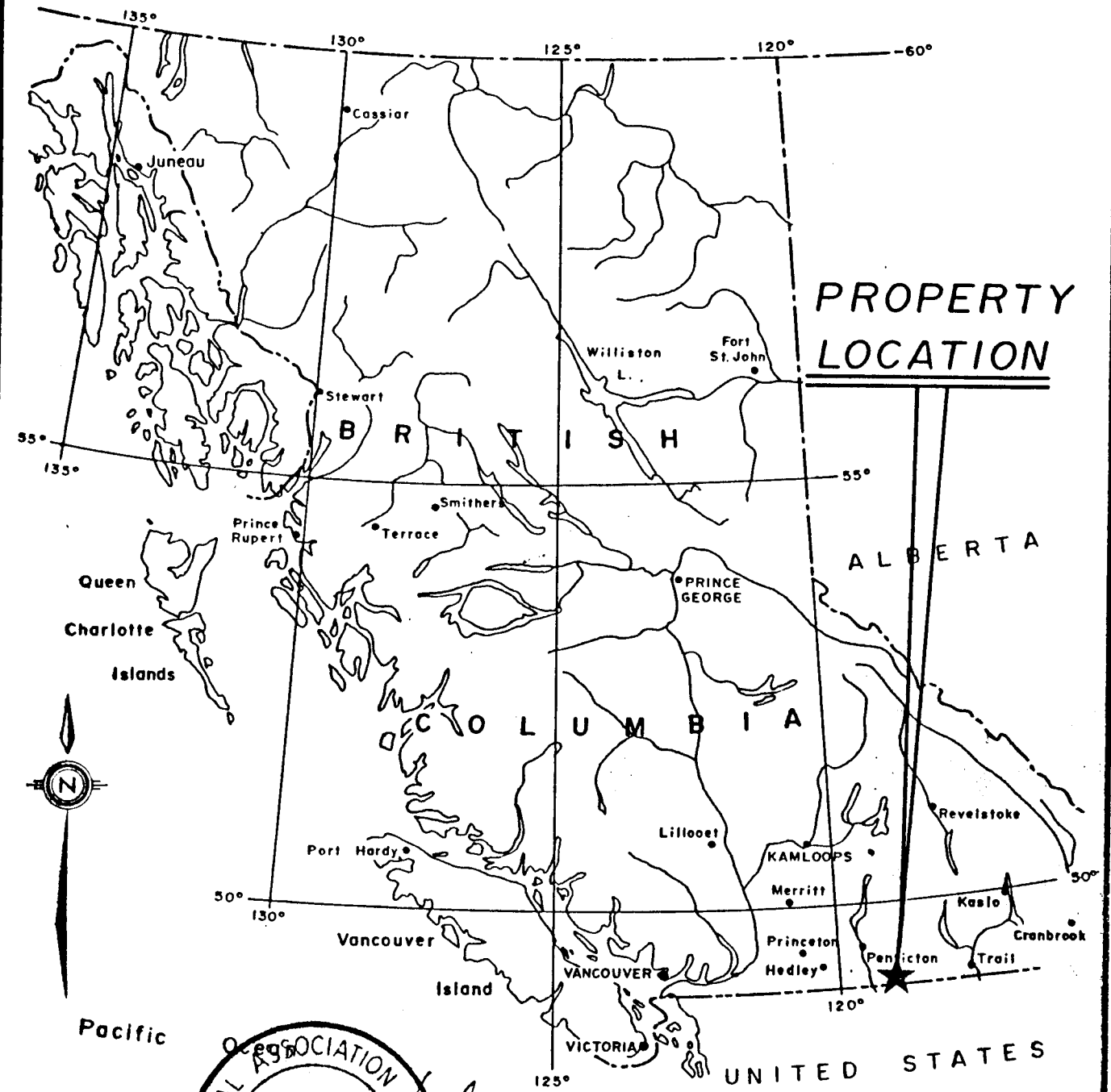
Preliminary exploration work has been carried out on the Eholt gold-copper property by Golden Kootenay Resources Inc. of Delta, B.C. in the Grand Forks - Phoenix - Greenwood area of southern British Columbia. This report deals with the Company's initial efforts on its' new holdings, the Buddy, the Anna, the Jacq and the John mineral claims and on the Eholt #4 mineral claim.

Surface mineralization encountered to date include both base and precious metals with values ranging up to 0.22% copper and 0.049 to 0.099 oz/t. gold.

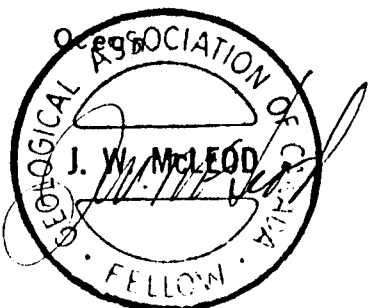
Initial geophysical results over one of the mineralized areas ie. the 'A' zone, on the northside of the Eholt #4 mineral claim indicates a conductive zone and accompanying linear vertical fault/shear zone of the type that might be expected over a later or younger? underlying mineralized system carrying significant gold values.

The writer feels that surface iron sulphide mineralization and gold-copper values encountered from this initial preliminary exploration program may at least in part reflect younger aged epithermal mineralization.

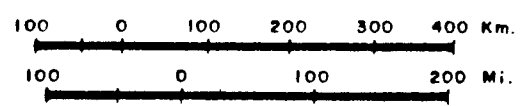
For these reasons a continuing exploration program is recommended for the property, the first phase of which is expected to take one month to complete at an estimated cost of \$120,000.



**PROPERTY
LOCATION**



EHOLT PROPERTY



INTRODUCTION

The fieldwork described in this report includes rock exposure mapping and sampling and the initial phases of a number of grid-controlled VLF-EM, magnetometer and geochemical soil surveys which were begun during 1991. The methods are thought to be effective in delineating conductive mineralized zones and structural anomalies in addition to aiding in geological mapping in covered areas which constitute 95% plus of the area covered by the mineral claims. The exception to this may be the Anna #3 and #4 mineral claims which exhibit far more rock exposures than the other mineral claims.

The geophysical data is presented in Figures 3-11. Figure 14 contains the rock exposure locations, claim outlines with the exception of the Anna 3 & 4 mineral claims which occurs slightly north of the present northern boundary of Figure 14. The location of the Anna #3 and #4 mineral claims are shown on Figure 2 while Figure 11 portrays the rock exposure and magnetometer data.

This report is being prepared at the request of the Board of Directors of Golden Kootenay Resources Inc. of Delta, British Columbia.

LOCATION AND ACCESS

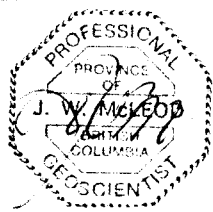
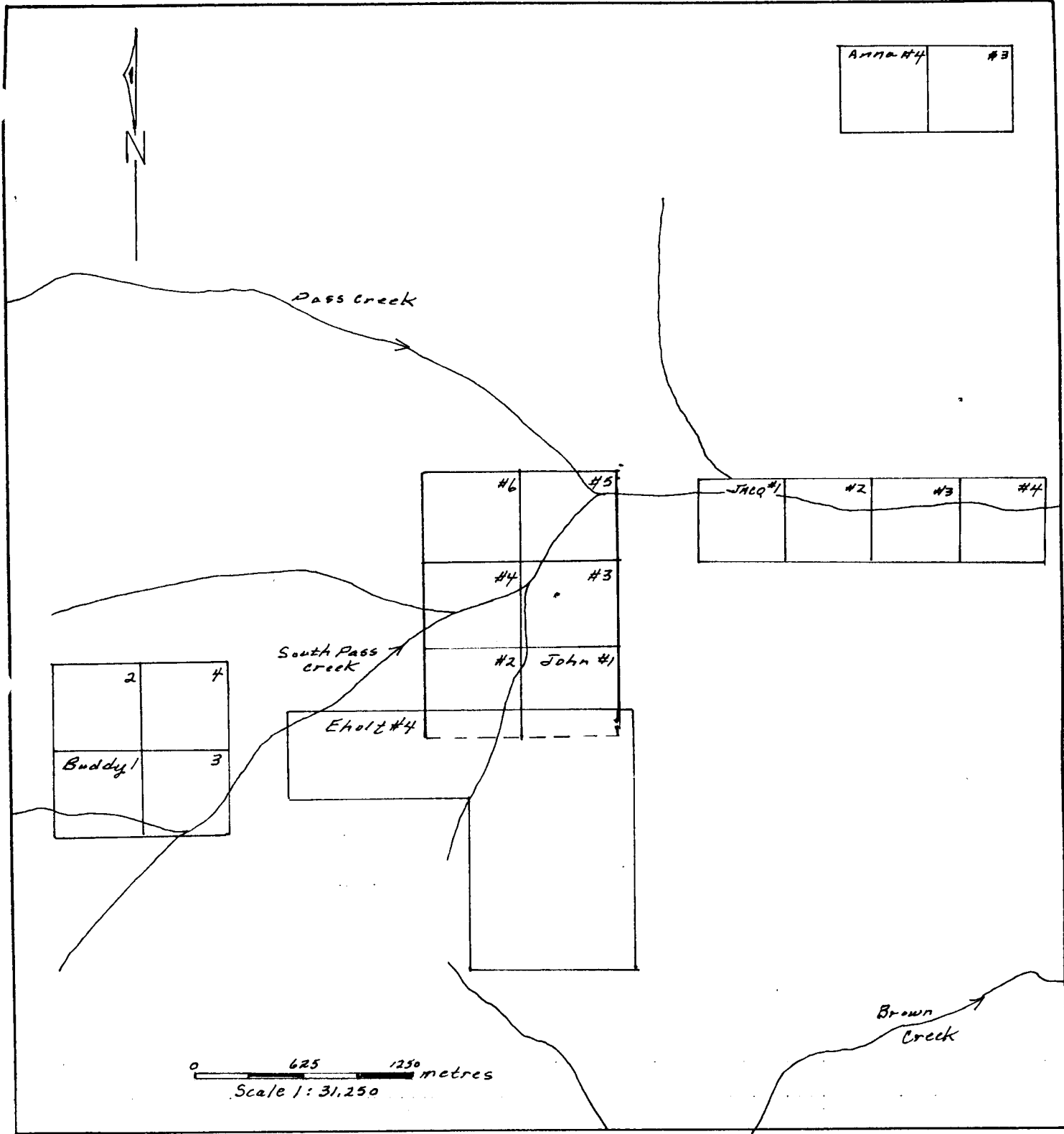
The Eholt gold-copper property is located approximately 12 kilometres (7 miles) northeast of Greenwood, B.C. and 21 kilometres (13 miles) north-northwest of Grand Forks, B.C. in southcentral British Columbia. The property is situated in the Greenwood Mining Division, British Columbia and may be located at latitude 49 degrees 10 minutes N. and longitude 118 degrees 32 minutes W. on NTS maps 82E/1W & 2E.

Access to within two kilometres of the Eholt #4 claim is provided by Provincial Highway #3 which traverses near the southside of the property. Locally, excellent access to all of the claim groups comprising the property are provided by various gravel roads, many of which are accessible all year-round.

PROPERTY AND OWNERSHIP

The Eholt property consists of 5 mineral claim groups which are listed as follows:

| <u>Claim Name</u> | <u>No. of Claims</u> | <u>Record No.</u> | <u>Anniversary Date</u> |
|-------------------|----------------------|-------------------|-------------------------|
| Eholt #4 | 12 | 215013 | April 29 |
| Buddy 1-4 | 4 | 6111-6114 | November 18 |



Golden Kootenay Resources Inc.
Eholt Gold - Copper Property
Greenwood, M.D. B.C. Map 82E/1W, 2E

Claim Plan

Figure: 2

J.W.M./91

| | | | |
|--------------|-----------|---------------|-------------|
| Jacq #1-#4 | 4 | 6147-6150 | February 13 |
| Anna #3-#4 | 2 | 6151-6152 | February 14 |
| John #1-#6 | 6 | 305797-802 | October 11 |
| TOTAL | 28 | claims | |

The area encompassed by the mineral claims is approximately 600 hectares (1480 acres).

The Eholt #4 claim is owned 100% by the Company while the remainder of the property is being held by the Company under an Option to Purchase Agreement with Omega Services, #207 - 1318 56th Street, Delta, B.C., V4L 2A4.

TOPOGRAPHICAL AND PHYSICAL ENVIRONMENT

The property occurs in rounded, low mountainous terrain on the southern flank of the Monashee mountains. Elevations on the property range from 915 metres (3000 feet) to 1495 metres (4900 feet) mean sea level. Most small valleys transecting the property are of gentle gradient with rounded crosssections. However the Pass, South Pass and Rock Candy creek valleys are in places steep-sided while the gradients of these creeks are low to moderate.

The property lies in a transition area between the Interior Wet and Dry and Sub-Alpine forest zones. Mixed coniferous vegetation of western red cedar, Western larch, lodgepole pine, Englemann spruce and Douglas fir are predominant. Much of the area is being actively logged.

The general area receives between 75 and 125 centimetres (30 - 50 inches) of precipitation annually of which a low to moderate amount occurs as snow. Exploration work can be carried-out at any time of the year on the property.

HISTORY

Mineral exploration and development activity in the Grand Forks - Phoenix - Greenwood Camp dates from the 1890's. By 1900 a number of mines were in production. The largest of these mines in terms of production was the Phoenix Group of deposits mined by the Granby Mining Company Limited. These deposits were mined during two periods from 1899-1919 and 1959-1978. The Phoenix Group produced approximately 27 million tons of ore from which was recovered 568 million pounds of copper, 9 million ounces of silver and 645,000 ounces of gold. Another 28 mineral deposits of various types and sizes produced intermittantly from

1896-1964 extracting another 5 million tons of ore from which was recovered 94 million pounds of copper, 2.66 million ounces of silver and 223,777 ounces of gold.

A renewed exploration interest in areas with significant past precious metal production (either direct or as a by-product) has continued since the mid-1970's. The general area is undergoing considerable exploration activity because of its' underlying potential for the discovery of significant base and precious metal deposits. Much of the current attention is due to the large precious metal production from south of the 49th parallel, from the Republic-Curlew areas in Ferry County, Washington State (approaching 200,000 ounces of gold for 1990). These productive deposits occur as limestone replacement and epithermal manto-type deposits in which the host units range from Permian to Eocene age, respectively. Examples of these active gold mining operations are the Republic operations of the Hecla Mining Co., the Overlook and Kettle operations of Echo Bay Mines (Crown Resources) and the "new", exciting discovery on the old "Crown Jewel" - "Buckhorn" property of Crown Resources (optioned to Battle Mountain) which has reportedly drill proven in excess of 1,000,000 ounces of gold. The deposit is apparently "hidden" beneath a barren magnetite-pyrrhotite skarn capping. The deposit is reportedly still open along strike and down dip.

Other deposits in Washington State are producing from Ordovician through Eocene aged rocks of diverse types. These may serve as further indications of the potential existing for economically favourable discoveries of these types in south-central British Columbia.

REGIONAL GEOLOGY

The general area has been described by members of the Geological Survey of Canada and the British Columbia Geological Survey Branch (see References).

The general area is bounded on the east by a north-south fault occurring along the Granby River in the vicinity of Grand Forks, B.C. This fault may be the western bounding-fault of what is termed the northerly trending Republic graben by those workers in Washington State. The significance of this may be the similarities (or disparities) between the geological setting of the areas south and north of the 49th parallel especially when considering precious and base metal deposits or occurrences.

To the east of this main north-south fault in the vicinity of Grand Forks, B.C. the underlying rocks are tightly folded metamorphic rocks assigned to the Proterozoic Grand Forks Group. They form the southern exposure of the old roots of the Monashee mountains. These rocks occur in an exposed upthrown block (at least generally in relation to the rocks on the westside of the Granby River) and are composed of paragneiss (derived from

sedimentary rocks), schist, crystalline limestone and pegmatites. Numerous occurrences of Jurassic to Tertiary aged igneous rocks are evident both on the east and the west sides of the Granby River fault zone.

West of this major north-south fault, the oldest rocks are dominantly a stratified eugeosynclinal assemblage of volcanics (mainly andesitic in composition) and sediments ranging in age from pre-Permian (Carboniferous?) to Cretaceous. These rocks may in places be folded and metamorphosed to the greenschist facies. This rock assemblage was originally classified by H. W. Little of the Geological Survey of Canada, 1953-56 as the Anarchist Group. Later, work in the vicinity of the Phoenix Mine-Attwood Mountain area by N. B. Church of the B.C. Geological Branch and others, resulted in a subdivision of the Anarchist Group into the older (pre-Permian?) Knob Hill Group composed of a lower bedded marble, mica schist, metavolcanics, quartz-chlorite schist and metachert; the middle subdivision is called the Attwood Group and is composed of a sharpstone conglomerate, chert breccia, sandstone, black shale, greywacke, limestone and metavolcanics which are mainly as greenstones (metamorphosed andesites and basalt) and the upper subdivision which has been assigned a Triassic age and is called the Brooklyn Group which is composed of a sharpstone conglomerate, intercalated sandstone and shale, limestone and intercalated argillite, skarn and maroon and green coloured volcanoclastics assigned the name, the Eholt Formation.

The youngest stratified rocks in the general area are those assigned to the Tertiary Penticton Group which in turn has been subdivided into the older Kettle River Formation of arkosic sandstone, conglomerates and rhyolitic tuffs and the younger Marron Formation composed of a variety of dykes and sills, hypocrySTALLINE andesite and microdiorite.

The general area has experienced essentially three periods of igneous intrusion which are listed from the oldest to the youngest as the Triassic diorite and microdiorite; the Cretaceous (Nelson) intrusions including the Lexington quartz feldspar porphyry, gabbro, Greenwood and Wallace Creek granodiorites, the ultrabasics - serpentine and listwanite; and the Tertiary diorite, monzodiorite, pulaskite and the youngest intrusives in the area called the Coryell intrusions composed of syenite, monzonite and skonkinite. The general area has undergone pervasive igneous activity in an apparently extensional structural setting.

LOCAL GEOLOGY

Geological outcrop mapping was conducted over some of the present claim area at a scale of 1:12,000 during 1983-84 by James T. Fyles, P. Eng. This work is covered by British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment

Reports No.s 11,845 and 13,411 (see References). The writer used Mr. Fyles' map and rock descriptions as a basis for the present work program. A synopsis of the rock types encountered on the property and their lithologies are described as follows:

1) Upper Paleozoic - Knob Hill Group - the oldest rocks observed in the claim area consist of interbedded amphibolite and quartzite. The amphibolites are aphanitic to very fine grained, dark green rocks which are generally massive but may exhibit a schistosity or foliation. The quartzites are fine grained, white to buff coloured rocks which may exhibit a blocky fracture and a rusty weathered surface. The amphibolites and quartzites are found in places to occur as lenses? within one another and at times may contain beds or lenses of crystalline limestone or marble. It is thought that these rocks were derived from basic volcanic rocks and interbedded cherts, siliceous tuffs and siltstones. Also occurrences of gneissic diorite, granodiorite, pale green hornfelsic quartzite and greenstone, as well as, epidote-actinolite skarn are thought to be part of this group.

The Knob Hill Group is observed in a number of locations on the mineral claims and in particular is found to occur on the Buddy, Eholt #4 and Jacq mineral claims hosting iron and copper-iron sulphide mineralization with accompanying anomalous gold values.

2) Triassic - Brooklyn Group - these intercalated sediments and volcanics lie unconformably on the older Knob Hill Group. Consisting of a basal chert breccia locally termed a sharpstone conglomerate which is seen to have undergone alteration to a mottled green-brown (chlorite-garnet) skarn with some secondary quartz, abundant calcite, epidote and amphibole. In the general claim area limestone is seen to overlie the chert breccia and in places has been altered to a light grey to white, fine to medium grained marble which may contain the relatively hard silicate - tremolite. Overlying the Brooklyn limestone is a greenstone and microdiorite which is found to grade laterally into two distinct fragmental facies. These are dark green, aphanitic to fine grained massive rocks with abundant plagioclase and hornblende often exhibiting a mottled weathered surface. The brecciated greenstone contains fragments up to 10 cm. across in a matrix of the same material and is found to grade laterally into massive greenstone. The other fragmental rock is a volcanic breccia with rounded and angular fragments of porphyritic volcanic rock in a matrix of greenstone, compositionally this rock may be termed a crystal, lithic andestitic tuff. The western contact of these rocks, the greenstone and microdiorite with the Brooklyn limestone unit may be transgressive and in part intrusive in origin. The Brooklyn Group rocks may occur on the Buddy and Eholt #4 mineral claims.

3) **Jurassic and/or Cretaceous - Nelson Intrusions** - these intrusive rocks are found in a number of locations throughout the property and most commonly occurrence as a medium grained, black or green and white coloured granodiorite with a colour index of 20-25 of which biotite is far more abundant than the next most commonly occurring mafic mineral, hornblende. White coloured feldspars, many of which have a euhedral crystal form and exhibit lamellar twinning may comprise 70% of the rock. The rock often contains > 10% quartz. The rock has sometimes undergone weak to moderate chloritization particularly of the biotite. Also epidote and brown garnet (grossularite?) occur infrequently. Primary magnetite is a common minor constituent of the rock when not altered. Weak propylitic alteration of this rock type has been observed by the writer in drill core from another property in the general area and this may indicate later intrusive activity and accompanying hydrothermal alteration.

These intrusive rocks are seen to occur infrequently on all of the claim groups, but with a widespread distribution along portions of Pass, South Pass and on the eastside of Rock Candy creeks.

4) **Tertiary Rocks** - some of the claim area lies within what has been termed the Thimble Mountain Tertiary Basin containing mainly volcanic and sub-volcanic rocks of intermediate composition, as well as, arkosic sedimentary rocks. The volcanics range in composition from trachyte(syenite) to basalt(gabbro). These rocks are most often (micro)porphyritic in texture, the most common phenocrysts being feldspar, biotite and hornblende. The sediments occur mainly as fine grained clastic arkosic rocks composed of feldspar and quartz and which may vary from light greenish-grey to buff colour.

Tectonic activity which may be an indicator of later or younger intrusive events may be the clue to discovering significant precious metal mineralization in the claim area. The writer has observed certain characteristics which indicate this while working on other properties in the immediate claim area. For example, some drill core and a surface exposure on a property adjoining the Buddy and Eholt #4 mineral claims reveal a cataclastic (mylonitic) fault zone containing some precious metal values. The surface exposure is a 0.60 metre wide cataclastic zone which is seen in places to contain some massive sulphide (pyrite) mineralization and which exhibits a strike/dip of N200/30 degrees south. While another surface exposure reveals a set of strong fractures with the trends N210/40 degrees west and N300/80 degrees south. The VLF-EM dip angle data and the accompanying soil geochemistry suggests a NE-SW trend which is sub-parallel to the south-branch of South Pass Creek which may be projected to traverse the Buddy, Eholt #4, John and Jacq mineral claims.

ALTERATION AND MINERALIZATION

The oldest rocks observed in the area, the sediments and igneous rocks of intermediate composition of the Knob Hill Group and Brooklyn Group have undergone regional metamorphism to the greenschist facies. Subsequently, Jurassic age Nelson intrusive events may have caused the contact metamorphic skarns and an marblization of the massive iron and copper-iron sulphide bearing limey units. The limey units may exhibit epidote, garnet tremolite alteration and some pyrite, chalcopyrite and pyrrhotite mineralization. Tertiary aged igneous rocks which may unconformably overly and intrude the older rocks units are thought to have had a considerable effect by the alteration and mineralization observed in some of the older rocks on the property. The abundance of the more intermediate igneous rocks, which are seen to range in composition from trachyte through basalt, are thought to have caused the relatively widespread propylitic alteration and accompanying pyritization in the pre-Tertiary rocks. Some of the precious metal mineralization could have accompanied the Tertiary igneous phase, as much of the pervasive and widespread pyritization observed in drill core and surface showings transects the Knob Hill, the Brooklyn and the more siliceous Nelson igneous rocks.

PRESENT WORK PROGRAM

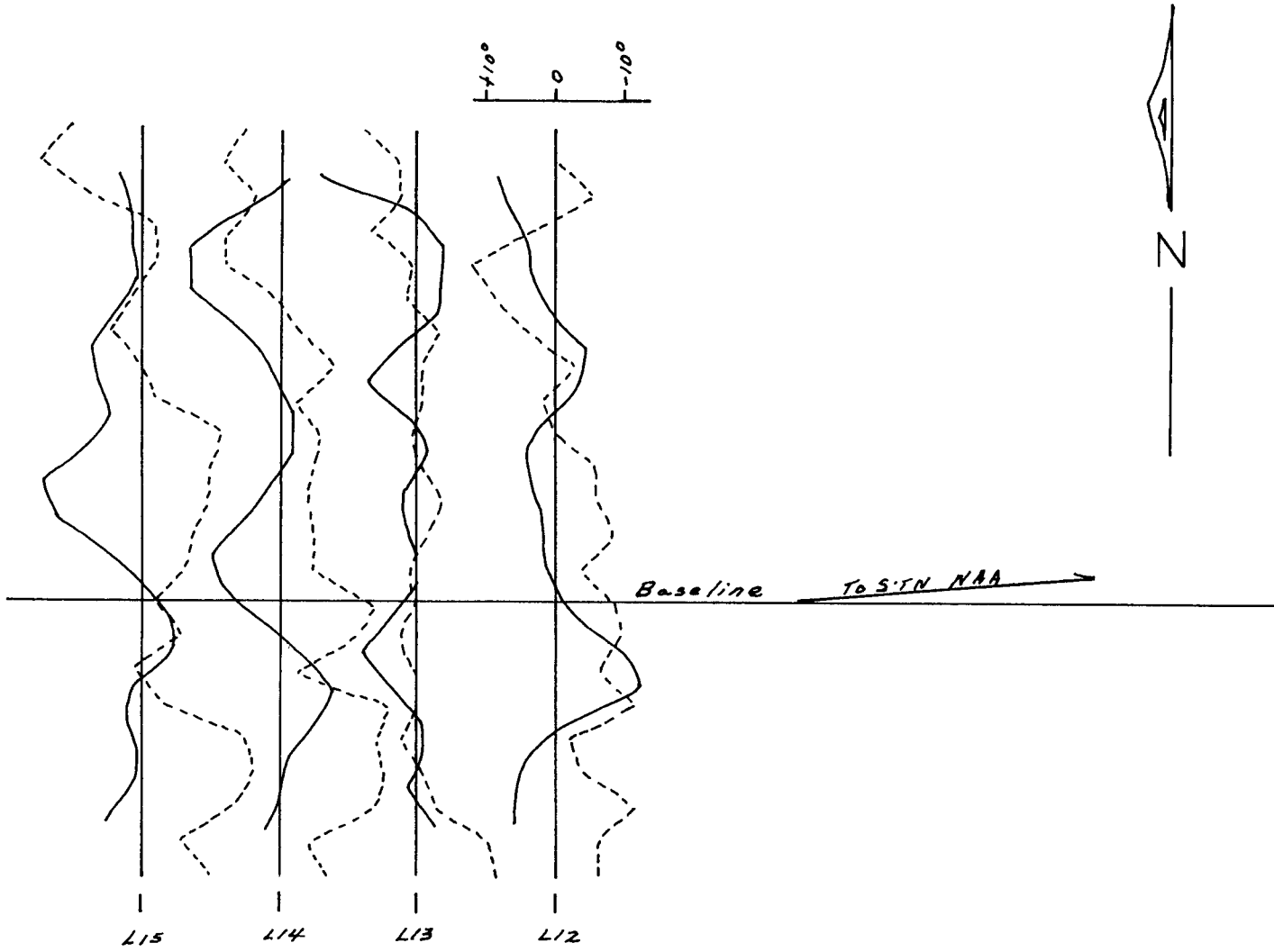
The fieldwork program covered by this report includes the beginning of five sample grids totaling 13.2 kilometres of grid lines, rock exposure mapping and sampling totaling 9 rocks, 108 soils and 1 silt, 5.1 kilometres of VLF-EM survey and 5.4 kilometres of magnetometer survey were conducted. Rock exposure mapping was recorded at a scale of 1:10,000 on all of the groups except the Anna which is recorded at a 1:5,000 scale.

The VLF-EM used was a Geonics EM-16 receiver, serial no. 89 measuring the 24.8 Khz. signal transmitted from the Seattle, Washington station (NLK) and the 17.8 Khz. signal from Cutler, Maine (NAA). The magnetometer used was a Geonics - Model G-100, serial no. M101. All VLF-EM and magnetometer readings were taken at 25 metre station intervals.

The rock, silt and soil samples were analysed by Vangeochem Laboratories of Vancouver, B.C. The samples underwent pulverizing and/or screening to -100 mesh and subsequent aqua regia digestion with gold analyses by fire assaying and atomic absorption finish and multi-element analyses by (ICP) induction coupled plasma. The soil samples were taken, where possible, from the "B" soil horizon using a hand auger.

Note: Four rock analyses by fire assay for gold, silver and one copper which were conducted by the Acme Analytical Laboratories Ltd. in 1987 for the writer are included for general information in the data (see Appendix II).

Eholt 4 M.C.



0 100 200 metres
Scale 1:5,000

Legend

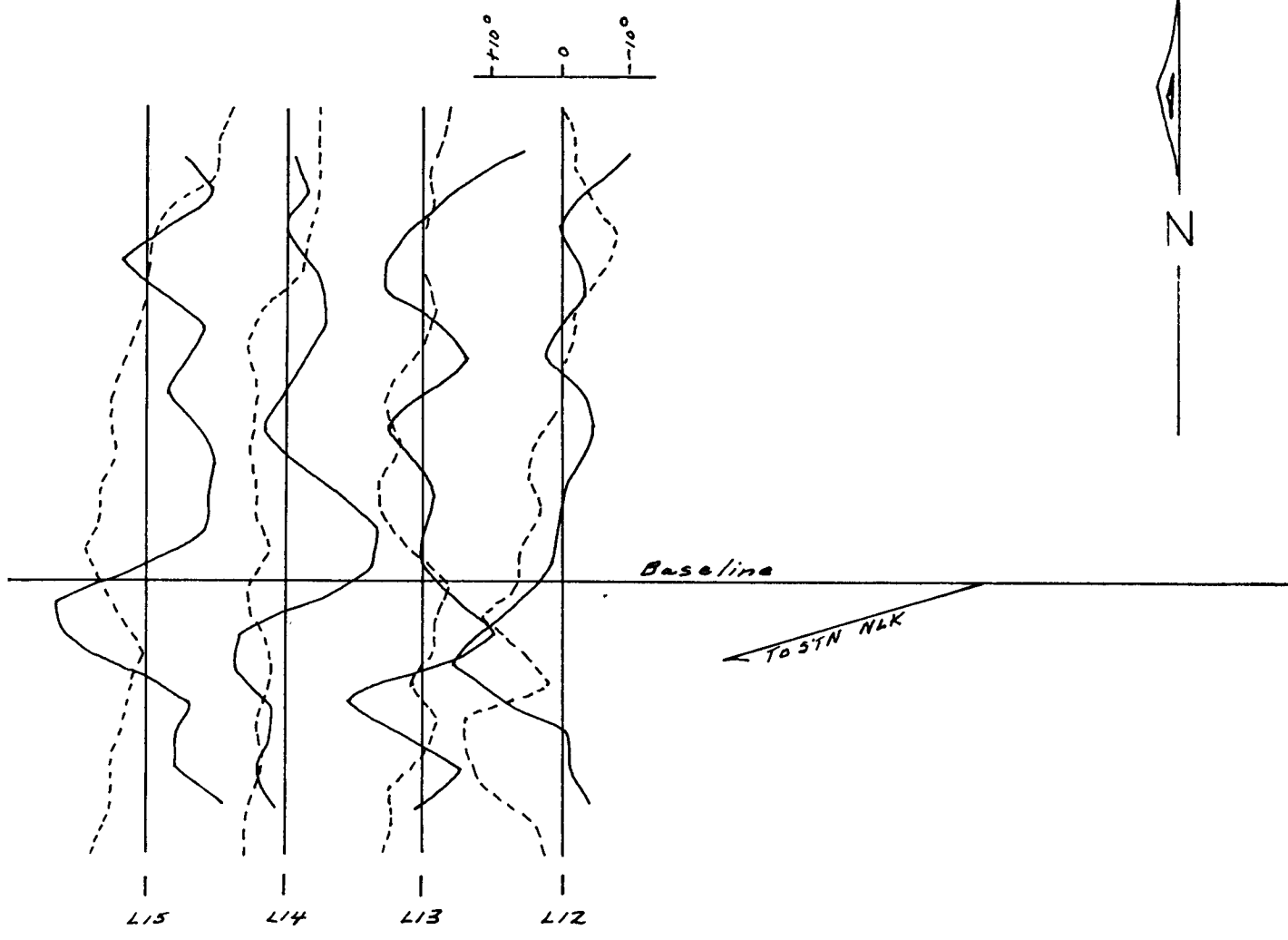
- / - Dip angle
- - - Quadrature

GOLDEN KOOTENAY RESOURCES INC.
Eholt Gold-Copper Property
Greenwood M.P. B.C. Map 82E/2E
VLF-EM DATA
Cutler Station - 17.8 KHz
Filtered Dip Data

Figure: 3

JWM/91

Eholt 4 M.E.



0 100 200 metres
Scale 1:5,000

Legend

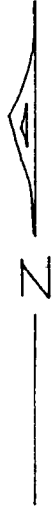
- / - Dip angle
- - - - - Quadrature

GOLDEN KOOTENAY RESOURCES INC.
Eholt Gold-Copper Property,
Greenwood N.D.B.C. Map 82E/2E
VLF-EM DATA
Seattle Station - 24.8 KHz
Filtered Dip Data

Figure: 4

JWM/91

Eholt #4 M.C.



| | | | |
|------|------|------|------|
| 3750 | 3800 | 3840 | 3800 |
| 3700 | 3840 | 3900 | 3920 |
| 3750 | 3800 | 3900 | 4220 |
| 3840 | 3950 | 4100 | 4300 |
| 3780 | 3970 | 4050 | 4000 |
| 3820 | 3870 | 3850 | 4020 |
| 3820 | 3680 | 3710 | 3820 |
| 3700 | 3820 | 4000 | 3700 |
| 3760 | 3460 | 3920 | 3700 |
| 3780 | 3550 | 3820 | 3700 |
| 3740 | 3520 | 3910 | 3790 |
| 3920 | 3610 | 4200 | 3650 |
| 3960 | 3680 | 4070 | 3760 |
| 3890 | 3780 | 4330 | 3810 |
| 3740 | 3800 | 4170 | 3830 |
| 3550 | 3720 | 4150 | 3690 |
| 3460 | 3330 | 3990 | 4010 |
| 3810 | 3670 | 3990 | 3970 |
| 3720 | 3620 | 3770 | 3980 |
| 3620 | 3500 | 4150 | 3920 |
| 3740 | 3380 | 3690 | 3920 |
| 3780 | 3570 | 3610 | 3730 |
| 3900 | 3460 | 4010 | 3860 |
| L15 | L14 | L13 | L12 |

Base Line.



0 100 200 metres
Scale 1:5,000

Legend

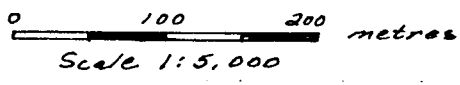
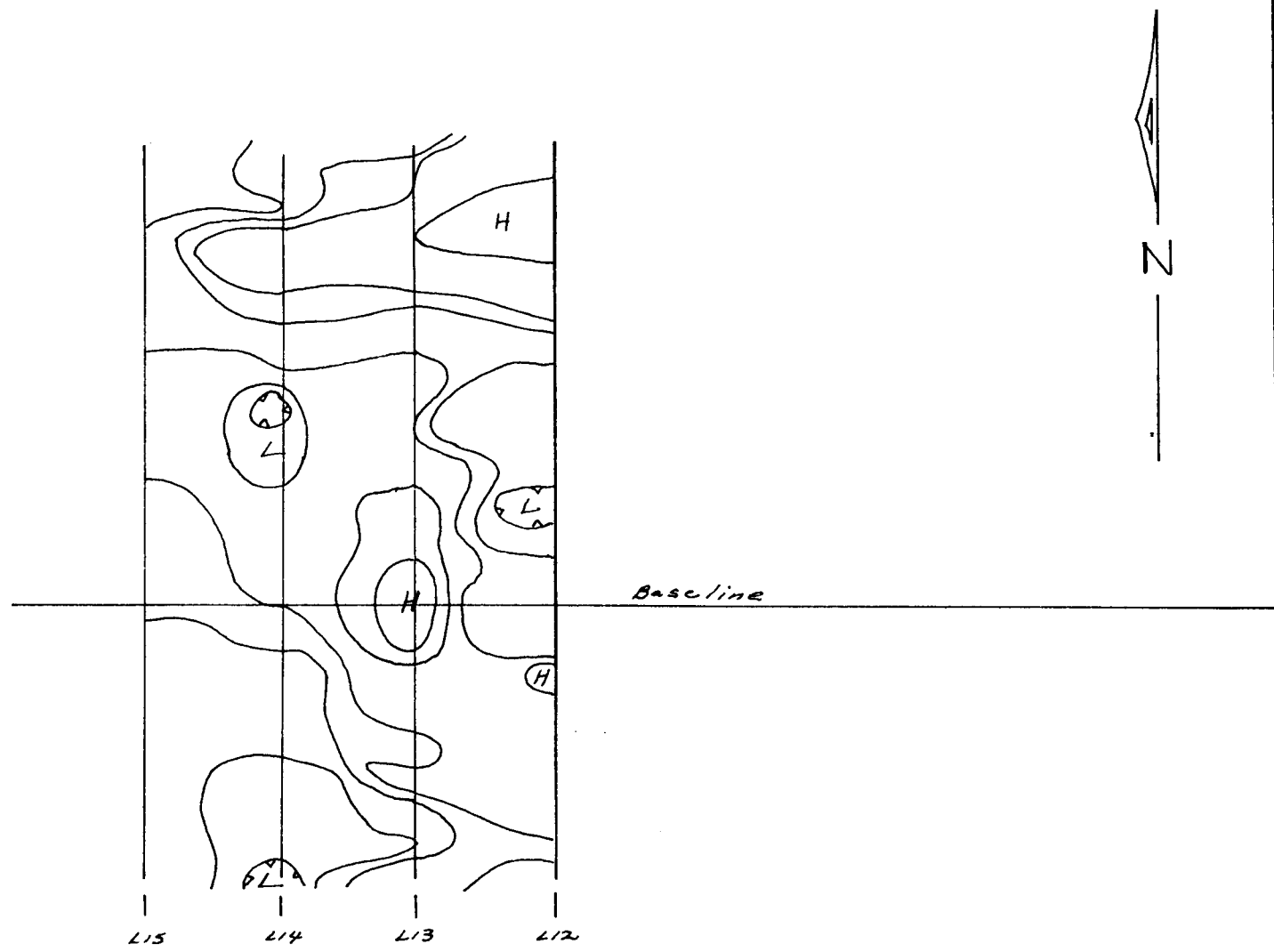
Note: All values listed have the digit '5' in front, ie. 53,820 gammas (γ)

GOLDEN KOOTENAY RESOURCES INC.

Eholt Gold-Copper Property,
Greenwood, M.D.B.C. Map B2E/12E.

MAGNETOMETER DATA

Eholt 4 m.c.



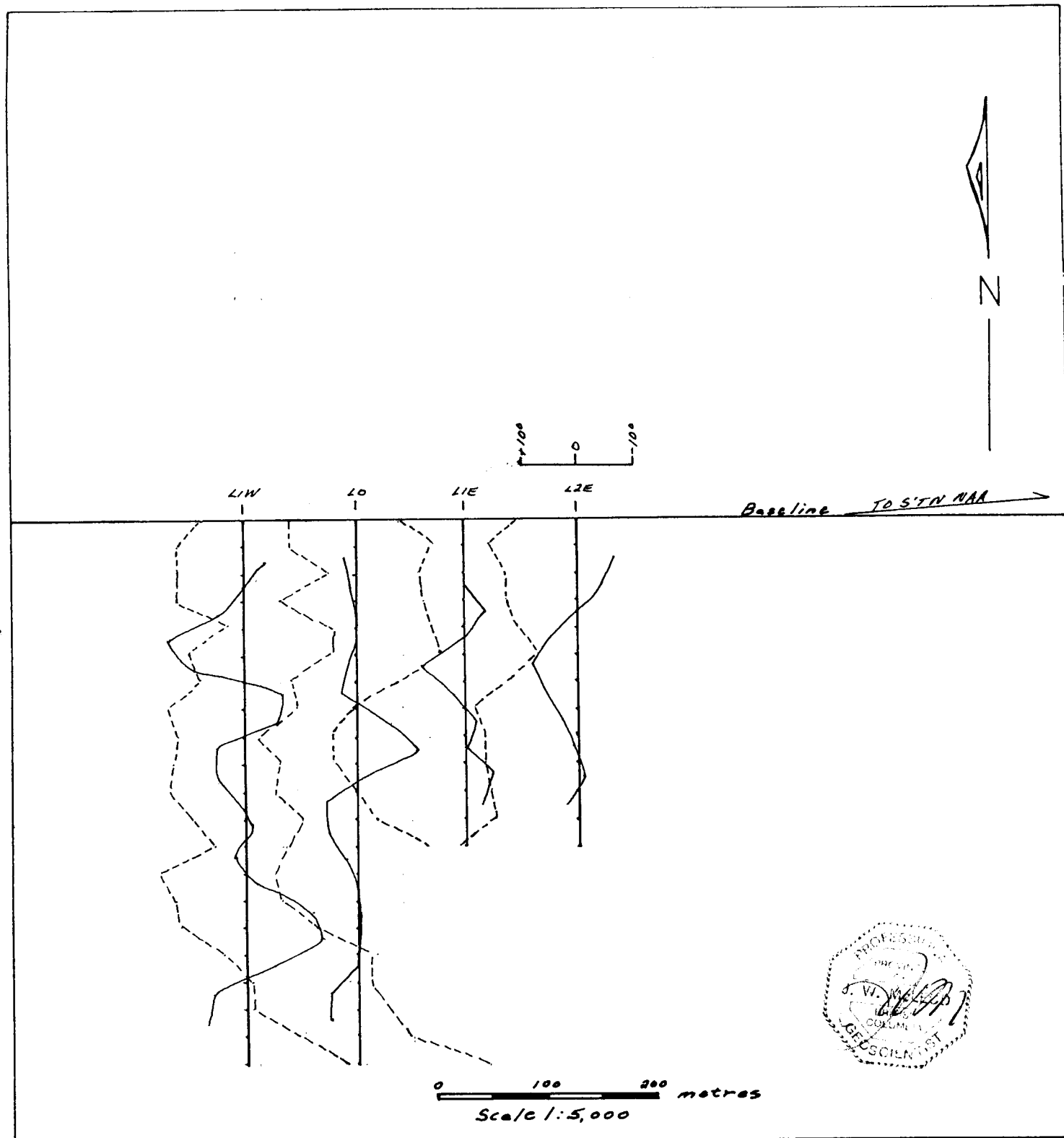
Legend

The contoured data is a relative presentation to aid in the visualization of bedrock disposition or trends of contacts and mineralization.

GOLDEN KOOTENAY RESOURCES INC.
Eholt Gold-Copper Property
Greenwood A.D.B.C. Map B2E/2E
CONTOURED MAGNETOMETER DATA

Figure 6

JWM/91



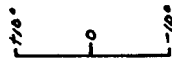
Legend

- / - Dip Angle
- / - Quadrature

GOLDEN KOOTENAY RESOURCES INC.
 Eholt Gold-Copper Property
 Greenwood, M.D. B.C. Map 82E/2E
 Buddy Mineral Claims
 VLF-EM FILTERED DIP DATA
 Cutler Station - 17.8 kHz

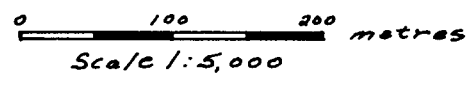
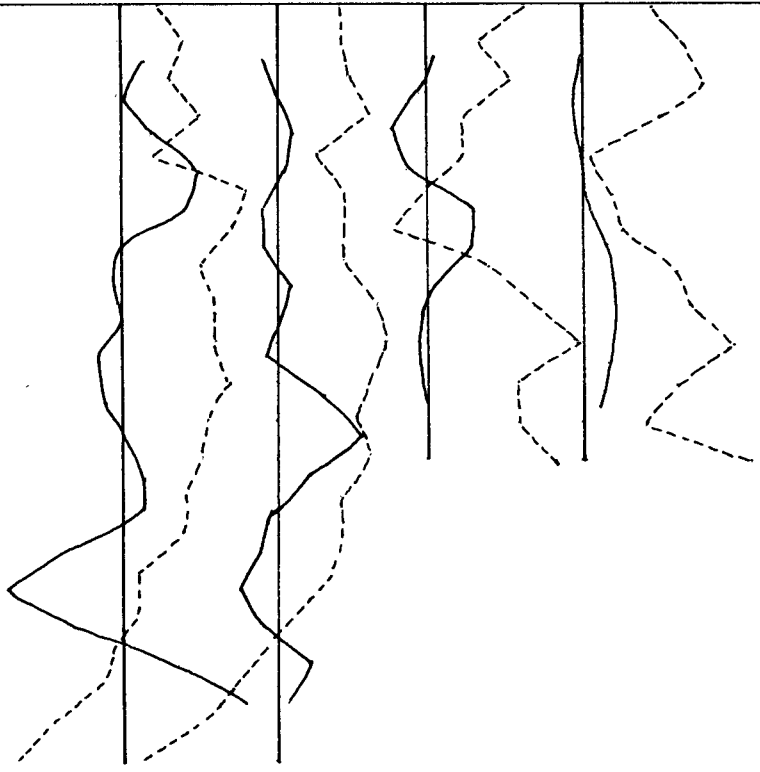
Figure: 7

JWM/91



L1W L1 L1E L2E Baseline

← TO STN NLK



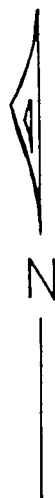
Legend

- / - Dip Angle
- - - Quadrature

GOLDEN KOOTENAY RESOURCES INC.
 Eholt Gold-Copper Property
 Greenwood, M.D. B.C. Map 82E 1/2E
 Buddy Mineral Claims
 VLF-EM FILTERED DIP DATA
 Seattle Station - 24.8 KHz

Figure: 8

JWM/91



Baseline

| | | | |
|------|------|------|------|
| 4330 | 3580 | 3460 | 3300 |
| 4080 | 3060 | 3380 | 3300 |
| 4050 | 3300 | 3360 | 3400 |
| 3780 | 3260 | 3180 | 3200 |
| 4070 | 3480 | 3630 | 3400 |
| 3960 | 3410 | 3370 | 3200 |
| 3840 | 3330 | 3250 | 3640 |
| 3900 | 3410 | 3640 | 3510 |
| 3860 | 3330 | 3820 | 3500 |
| 4000 | 3180 | 3280 | 3290 |
| 3900 | 3200 | 3440 | 3590 |
| 3900 | 3580 | 3690 | 3490 |
| 4020 | 3300 | 3280 | 3180 |
| 3860 | 3190 | | |
| 3740 | 3180 | | |
| 3750 | 3140 | | |
| 3740 | 3020 | | |
| 3740 | 3130 | | |
| 3820 | 3240 | | |
| 3700 | 3100 | | |
| 3700 | 3040 | | |

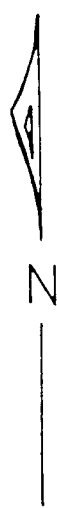
0 100 200 metres
Scale 1:5,000



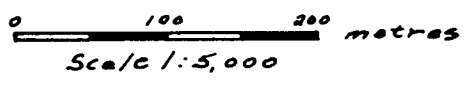
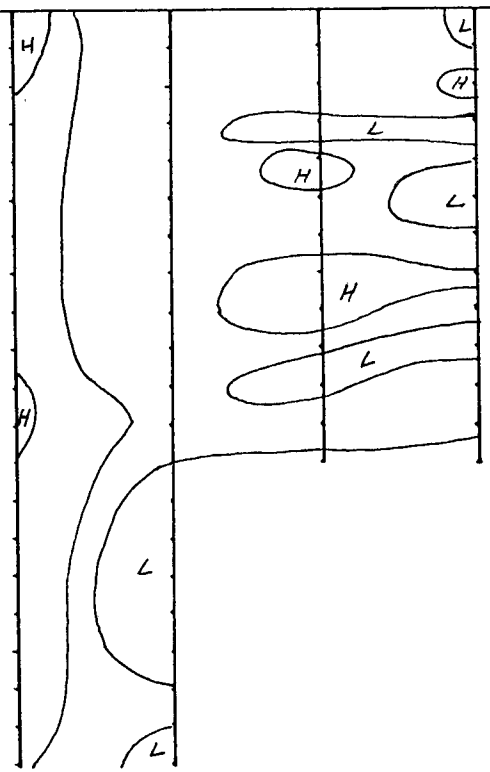
Legend

Note: All values listed have the digit '5' in front, i.e. 53,820 gammas (γ).

GOLDEN KOOTENAY RESOURCES INC.
Eholt Gold-Copper Property
Greenwood, M.D. B.C. Map 82E/2E
Buddy Mineral Claims
Magnetometer Data



Baseline



Legend

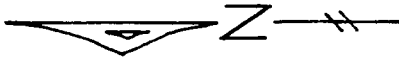
The contoured data is a relative presentation to aid in the visualization of bedrock disposition or trends of contacts and mineralization.

GOLDEN KOOTENAY RESOURCES INC.

Eholt Gold-Copper Property
Greenwood, M.D. & C. Map 82E/2E

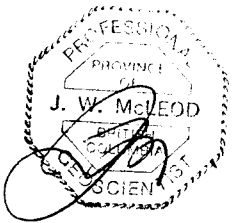
Buddy Mineral Claims
Contoured Magnetometer Data

ANNA#3 M.C.



| | | | |
|--------|--------|-----|----|
| 21 | ND | .25 | ND |
| 107213 | | | |
| 27 | 15 | .24 | 10 |
| 31 | 5 | .15 | ND |
| 36 | 5 | .35 | 10 |
| 25 | ND | .25 | 10 |
| 21 | ND | .30 | 5 |
| 17 | 10 | .18 | ND |
| 28 | 15 | .25 | ND |
| 30 | ND | .28 | ND |
| 23 | 10 | .29 | 15 |
| 16 | 5 | .32 | 10 |
| 17 | ND | .27 | ND |
| 28 | ND | .34 | ND |
| 27 | 107212 | .25 | ND |
| 20 | 5 | .38 | ND |
| 19 | 15 | .24 | ND |
| 24 | ND | .25 | ND |

R'd to →
Pass C.K.



0 100 200 metres
Scale 1:5,000

ANNA#4 M.C.

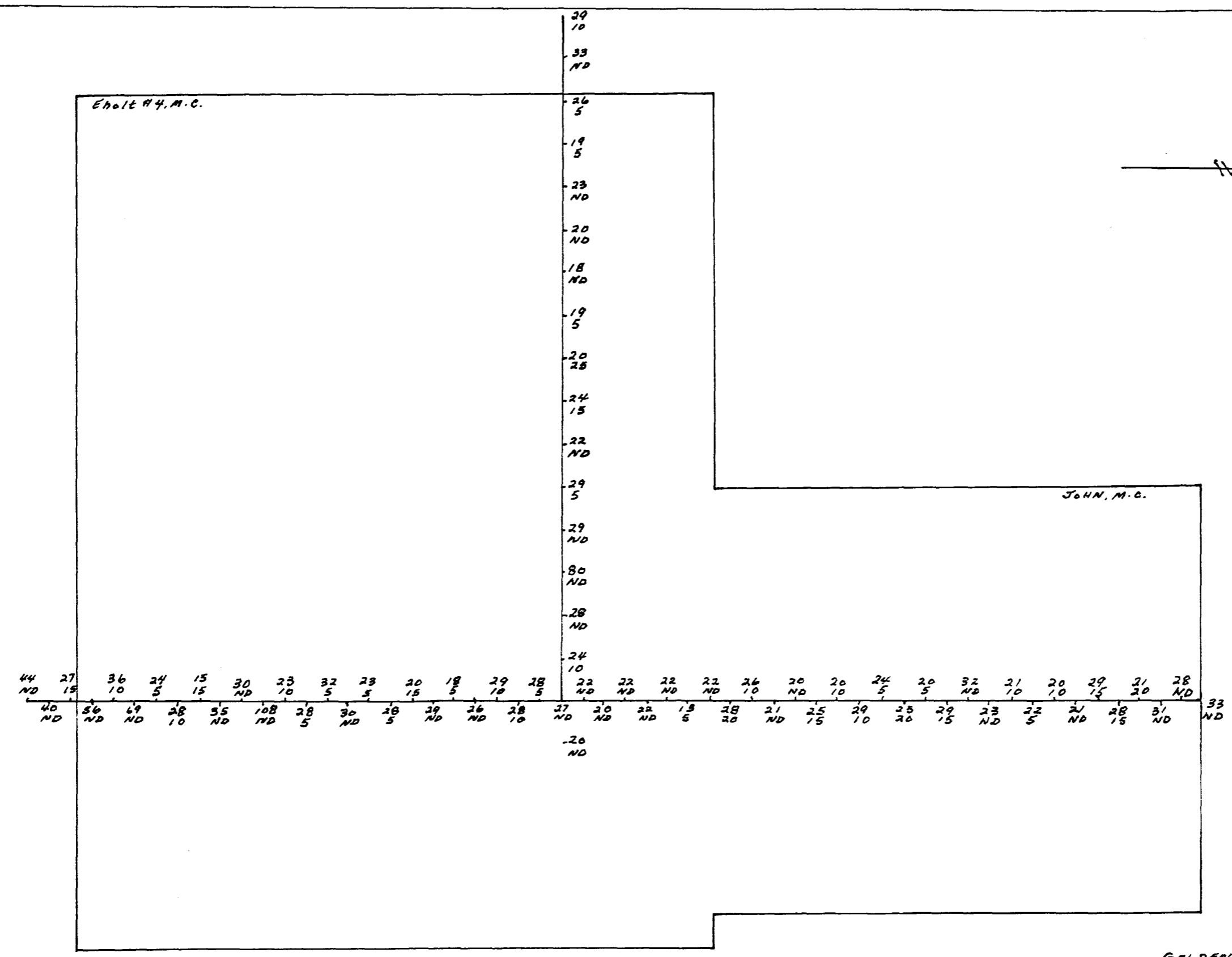
Legend

- Cu - Copper (PPM) - parts per Million
- Au - Gold (PPB) - parts per Billion
- ND - Not Detected
- x - Rock Sample Location with #

GOLDEN KOOTENAY RESOURCES INC.

Hot Gold-Copper Property
Greenwood, M.D., B.C. Map 82 E/1W

ANNA MINERAL CLAIMS
Gold-Copper Value Plan



Legend
 Cu - Copper ppm (parts per million)
 Au - Gold ppb (parts per billion)
 ND - Not Detected

0 200 500 metres
 Scale 1:10,000



GOLDEN KOOTENAY RESOURCES INC.
 Eholt Gold-Copper Property
 Greenwood, M.D., B.C. Map 82E/2E

Gold-Copper Value Plan

CONCLUSIONS

The exploration program begun on the Company's property near Eholt, B.C. has revealed a number of mineralized areas. Some coincidentally anomalous geophysical trends are indicated. Bedrock gold occurrences have been encountered on the Buddy and Eholt #4 mineral claims (see Figure 14 for location of samples).

Initial work on the Buddy mineral claims has revealed several mineralized areas containing anomalous gold values which require further testing. Another area located on the northside of the Eholt #4 mineral claim has revealed an anomalous gold occurrence with a coincident VLF-EM conductor and a possible vertical fault/shear structure. The magnetometer data from this area reveals a linear-shaped high-low pair. This area requires more detailed work.

Further exploration work should be undertaken on all mineral claims comprising the Eholt gold-copper property.

RECOMMENDATIONS

The writer recommends that continuing exploration work be undertaken on the Eholt gold-copper property. The program should continue with mapping, prospecting completion of the grid-controlled geochemical and geophysical surveys plus mapping the rock exposures on the remainder of the property. The mineralized and/or anomalous zones, including structural anomalies should undergo a trenching and/or drilling program where positive preliminary results warrant it.

The survey should be two phase with initiation of Phase II contingent on the results obtained from Phase I. The first phase of the program is expected to take one month to complete at an estimated cost of \$120,000.

COST ESTIMATE

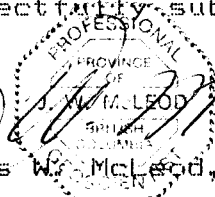
Phase I

| | |
|---|----------|
| Geological mapping and supervision for 30 days @ \$300/day | \$ 9,000 |
| Baseline and grid installation 30 mandays @ \$150/day | 4,500 |
| Geochemical soil survey 30 mandays @ \$150/day | 4,500 |

| | |
|---|-----------|
| Sample analyses and preparation of 1000 samples @ \$15/sample | 15,000 |
| Magnetometer and VLF-EM surveys, including plotting and interpretation | 12,000 |
| Camp and board - 120 mandays @ \$50/day | 6,000 |
| Transportation | 4,000 |
| Equipment and supplies | 2,500 |
| Workers compensation, insurance, etc. | 4,000 |
| Reports and maps | 2,500 |
| Licences, filing fees, etc. | 3,500 |
| 300 metres wireline core drilling including some bulldozer trenching and road and site preparation, all inclusive | 40,000 |
| Assaying | 5,000 |
| Contingency | 7,500 |
| Sub-Total | \$120,000 |
| Phase II | |
| 2000 metres of diamond core drilling to test anomalous areas, all inclusive | \$200,000 |
| Total | \$320,000 |

Respectfully submitted,

James W. McLeod, P. Geo.



STATEMENT OF COSTS

| | |
|---|-----------------|
| Supervision - Geologist @ \$250/day for 14 days | \$ 3,500 |
| Field assistant - geophysical operator, J. Graffin for 14 days @ @200/day | 2,800 |
| Camp and board for 28 mandays @ \$50/day | 1,400 |
| Analyses | 1,216 |
| Transportation and travel expenses | 550 |
| Equipment and instrument rental | 849 |
| Supplies | 135 |
| Licence and fees | <u>150</u> |
| Total | <u>\$10,600</u> |

REFERENCES

- Chisholm, Edward O. (1978): Geological Report on the Jewel Creek Property of Roanoke Explorations Ltd., 8pp.
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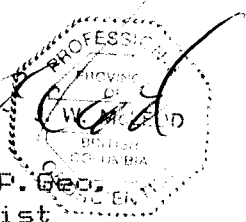
CERTIFICATE

I, JAMES W. McLEOD, of the Village of Ladner, Province of British Columbia, hereby certify as follows:

- 1) I am a Consulting Geologist with an office at 5303 River Road, Delta, B.C., V4K 1S8.
- 2) I am a Professional Geoscientist Registered in the Province of British Columbia and a Fellow of the Geological Association of Canada.
- 3) I graduated with a degree of Bachelor of Science, Major in Geology, from the University of British Columbia in 1969.
- 4) I have practised my profession since 1969.
- 5) I am an employee and part-owner of Omega Services which owns the Buddy 1-4, Jacq #1-#4, Anna #3-#4 and John #1-#6 mineral claims which are under option to Golden Kootenay Resources Inc. of which I am a Director.
- 6) The above report is based on personal field experience gained by myself in the general area over the past 17 years and in particular since conducting the current exploration program. Further, available data was researched and personal communications were undertaken with parties familiar with the area.

DATED at Delta, Province of British Columbia, this 6th day of February, 1992

James W. McLeod
 James W. McLeod, P. Geol.
 Consulting Geologist



APPENDIX I
SAMPLE DESCRIPTIONS

APPENDIX II
SAMPLE ANALYSES

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: NOV 17 1987
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: *Nov 25/87*

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

JAMES W. MCLEOD PROJECT-RAM G # 1 File # 87-5680

| SAMPLE# | CU % | AG OZ/T | AU OZ/T | |
|---------|---------|------------|------------|------------------------------|
| 11078 | - | .32 | .099 | - Buddy 2 M.C. |
| 11079 | - | .03 | .002 | - Buddy 4 M.C. |
| 11080 | .22 | .16 | .001 | - Buddy 3 M.C. |
| 11099 | - | .07 | .049 | - South Central Holt #4 M.C. |

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: Rock Chips

DATE RECEIVED: NOV 17 1987

DATE REPORT MAILED: *Nov 25 87*ASSAYER. *D. J. J.* DEAN TOYE, CERTIFIED B.C. ASSAYER

JAMES W. MCLEOD PROJECT-RAM G # 1 File # 87-5680

| SAMPLE# | MO | CU | PB | ZN | AG | NI | CO | MN | FE | AS | U | AU | TH | SR | CD | SB | BI | V | CA | P | LA | CR | MG | BA | TI | B | AL | NA | K | W |
|---------|-----|------|-----|-----|-----|-----|-----|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM |
| 11080 | 3 | 2080 | 9 | 233 | 5.7 | 5 | 19 | 1101 | 15.33 | 14 | 5 | ND | 16 | 6 | 2 | 2 | 10 | 4 | .04 | .010 | 16 | 1 | 1.01 | 11 | .02 | 7 | 3.44 | .02 | .08 | 1 |
| 11099 | 15 | 93 | 21 | 76 | 2.4 | 12 | 22 | 379 | 9.23 | 57 | 5 | 2 | 2 | 87 | 1 | 3 | 9 | 99 | .84 | .043 | 2 | 11 | .54 | 94 | .09 | 2 | .66 | .05 | .17 | 4 |



MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: OMEGA SERVICES
ADDRESS: 5303 River Road
: Delta BC
: V4K 1S8

DATE: NOV 21 1991

REPORT#: 910302 GA
JOB#: 910302

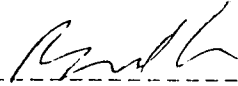
PROJECT#: NONE GIVEN
SAMPLES ARRIVED: NOV 18 1991
REPORT COMPLETED: NOV 21 1991
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 910302 NA
TOTAL SAMPLES: 7
SAMPLE TYPE: 7 ROCK
REJECTS: SAVED

SAMPLES FROM: MR. JIM McLEOD
COPY SENT TO: OMEGA SERVICES

PREPARED FOR: MR. JIM McLEOD

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: None



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 1630 PANDORA STREET
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 V5L 1L6
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 FAX (604) 254-5717

BRANCH OFFICES
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 RENO, NEVADA, U.S.A.

REPORT NUMBER: 910302 GA

JOB NUMBER: 910302

OMEGA SERVICES

PAGE 1 OF 1

| SAMPLE # | Au |
|----------------|-------------------------|
| | ppb |
| A ZONE | 200 - EHOLT #4 GRID |
| A ZONE 20E | 1880 - EHOLT #4 GRID |
| B.L. 3+20W R'X | 20 - EHOLT #4 BASELINE |
| BUDDY 1 | 20 - BUDDY M.C. GRID |
| CL. 8+25S | 10 - JOHN M.C. BASELINE |
| F CL. 8+25S | 10 - JOHN M.C. BASELINE |
| L12W 0+50S | 20 - EHOLT #4 GRID |

DETECTION LIMIT
 nd = none detected

5
 -- = not analysed

ls = insufficient sample



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1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: OMEGA SERVICES
ADDRESS: 5303 River Road
: Delta, BC
: V4K 1S8

DATE: NOV 20 1991

REPORT#: 910303 GA
JOB#: 910303

PROJECT#: NONE GIVEN
SAMPLES ARRIVED: NOV 18 1991
REPORT COMPLETED: NOV 20 1991
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 910303 NA
TOTAL SAMPLES: 1
SAMPLE TYPE: 1 SILT
REJECTS: SAVED

SAMPLES FROM: MR. JIM McLEOD
COPY SENT TO: OMEGA SERVICES

PREPARED FOR: MR. JIM McLEOD

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: None



MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 910303 GA

JOB NUMBER: 910303

OMEGA SERVICES

PAGE 1 OF 1

SAMPLE #

Au

0+50W 4+75S

ppb

40 - BUDDY M.L. GRID "SILT"

DETECTION LIMIT
nd = none detected

-- = not analysed

5

ls = insufficient sample

GEOCHEMICAL ANALYTICAL REPORT
=====CLIENT: OMEGA SERVICES
ADDRESS: 5303 River Road
: Delta BC
: V4K 1S8

DATE: NOV 25 1991

REPORT#: 910304 GA
JOB#: 910304PROJECT#: NONE GIVEN
SAMPLES ARRIVED: NOV 18 1991
REPORT COMPLETED: NOV 25 1991
ANALYSED FOR: AuINVOICE#: 910304 NA
TOTAL SAMPLES: 108
SAMPLE TYPE: 108 SOIL
REJECTS: DISCARDEDSAMPLES FROM: MR. JIM McLEOD
COPY SENT TO: OMEGA SERVICES

PREPARED FOR: MR. JIM McLEOD

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: None

REPORT NUMBER: 910304 GA

JOB NUMBER: 910304

OMEGA SERVICES

PAGE 1 OF 3

| SAMPLE # | Au ppb | |
|-------------|-----------|----------------------|
| BL - 1+00E | nd | <i>EHOLT #4 M.C.</i> |
| BL - 1+00W | 10 | |
| BL - 2+00W | nd | |
| BL - 3+00W | nd | |
| BL - 4+00W | nd | |
| BL - 5+00W | 5 | |
| BL - 6+00W | nd | |
| BL - 7+00W | 15 | |
| BL - 8+00W | 25 | |
| BL - 9+00W | 5 | |
| BL - 10+00W | nd | |
| BL - 11+00W | nd | |
| BL - 12+00W | nd | |
| BL - 13+00W | 5 | |
| BL - 14+00W | 5 | |
| BL - 15+00W | nd | |
| BL - 16+00W | 10 | |
| L1 - 0+00 | nd | <i>ANNA M.C.</i> |
| L1 - 0+50W | 15 | |
| L1 - 1+00W | 5 | |
| L1 - 1+50W | 5 | |
| L1 - 2+00W | nd | |
| L1 - 2+50W | nd | |
| L1 - 3+00W | 10 | |
| L1 - 3+50W | 15 | |
| L1 - 4+00W | nd | |
| L1 - 4+50W | 10 | |
| L1 - 5+00W | 5 | |
| L1 - 5+50W | nd | |
| L1 - 6+00W | nd | |
| L1 - 6+42W | 5 | |
| L1 - 6+50W | nd | |
| L1 - 7+00W | 5 | |
| L1 - 7+50W | 15 | |
| L1 - 8+00W | nd | |
| L2 - 0+00 | nd | |
| L2 - 0+50W | 10 | |
| L2 - 1+00W | nd | |
| L2 - 1+50W | 10 | |

DETECTION LIMIT

5

nd = none detected

-- = not analysed

ls = Insufficient sample

REPORT NUMBER: 910304 GA

JOB NUMBER: 910304

OMEGA SERVICES

PAGE 2 OF 3

| SAMPLE # | Au |
|-------------|----|
| L2 - 2+00W | 10 |
| L2 - 2+50W | 5 |
| L2 - 3+00W | nd |
| L2 - 3+50W | nd |
| L2 - 4+00W | nd |
| L2 - 4+50W | 15 |
| L2 - 5+00W | 10 |
| L2 - 5+50W | nd |
| L2 - 6+00W | nd |
| L2 - 6+50W | nd |
| L2 - 7+00W | nd |
| L2 - 7+50W | nd |
| L2 - 8+00W | nd |
| CL - 0+00 | nd |
| CL - 0+50N | nd |
| CL - 1+00N | nd |
| CL - 1+50N | nd |
| CL - 2+00N | nd |
| CL - 2+50N | nd |
| CL - 3+00N | 5 |
| CL - 3+50N | nd |
| CL - 4+00N | 20 |
| CL - 4+50N | 10 |
| CL - 5+00N | nd |
| CL - 5+50N | nd |
| CL - 6+00N | 15 |
| CL - 6+50N | 10 |
| CL - 7+00N | 10 |
| CL - 7+50N | 5 |
| CL - 8+00N | 20 |
| CL - 8+50N | 5 |
| CL - 9+00N | 15 |
| CL - 9+50N | nd |
| CL - 10+00N | nd |
| CL - 10+50N | 10 |
| CL - 11+00N | 5 |
| CL - 11+50N | 10 |
| CL - 12+00N | nd |
| CL - 12+50N | 15 |

DETECTION LIMIT

5

nd = none detected

-- = not analysed

ls = insufficient sample

REPORT NUMBER: 910304 GA

JOB NUMBER: 910304

OMEGA SERVICES

PAGE 3 OF 3

| SAMPLE # | Au ppb |
|-------------|-----------|
| CL - 13+00N | 15 |
| CL - 13+50N | 20 |
| CL - 14+00N | nd |
| CL - 14+50N | nd |
| CL - 15+00N | nd |
| CL - 0+50S | 5 |
| CL - 1+00S | 10 |
| CL - 1+50S | 10 |
| CL - 2+00S | nd |
| CL - 2+50S | 5 |
| CL - 3+00S | nd |
| CL - 3+50S | 15 |
| CL - 4+00S | 5 |
| CL - 4+50S | 5 |
| CL - 5+00S | nd |
| CL - 5+50S | 5 |
| CL - 6+00S | 5 |
| CL - 6+50S | 10 |
| CL - 7+00S | nd |
| CL - 7+50S | nd |
| CL - 8+00S | nd |
| CL - 8+50S | 15 |
| CL - 9+00S | 10 |
| CL - 9+50S | 5 |
| CL - 10+00S | nd |
| CL - 10+50S | 10 |
| CL - 11+00S | nd |
| CL - 11+50S | 15 |
| CL - 12+00S | nd |
| CL - 12+50S | nd |

CONT'D
JOHN M.C. BASELINE

DETECTION LIMIT

nd = none detected

-- = not analysed

5

is = insufficient sample

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Dover, B.C. V5L 1L6
Ph: (604) 251-5656 Fax: (604) 254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: 

REPORT #: 910304 PA

OMEGA SERVICES

PROJECT: NONE GIVEN

DATE IN: NOV 18 1991

DATE OUT: NOV 29 1991

ATTENTION: MR. JIM McLEOD

PAGE 1 OF 3

| Sample Name | Ag | Al | As | *Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sn | Sr | U | W | Zn |
|-------------|-----|------|-----|-----|-----|-----|------|-----|-----|-----|-----|------|------|------|------|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|
| | ppm | % | ppm | ppb | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| BL - 1+00E | 0.2 | 1.61 | <3 | <5 | 228 | <3 | 0.30 | 2.3 | 10 | 16 | 20 | 1.43 | 0.61 | 0.16 | 736 | <1 | 0.05 | 11 | 0.09 | 2 | 14 | <2 | 41 | <5 | <3 | 84 |
| BL - 1+00W | 0.3 | 2.07 | 14 | 10 | 139 | <3 | 0.24 | 3.5 | 11 | 24 | 24 | 1.83 | 0.52 | 0.17 | 454 | ! | 0.05 | 13 | 0.08 | 4 | 18 | <2 | 32 | <5 | <3 | 82 |
| BL - 2+00W | 0.4 | 2.19 | <3 | <5 | 89 | <3 | 0.63 | 2.4 | 11 | 31 | 28 | 2.17 | 0.58 | 0.22 | 359 | <1 | 0.09 | 16 | 0.02 | <2 | 7 | <2 | 72 | <5 | <3 | 64 |
| BL - 3+00W | 0.3 | 2.11 | 18 | <5 | 213 | 48 | 0.48 | 5.0 | 21 | 48 | 80 | 3.20 | 0.88 | 0.43 | 2087 | <1 | 0.05 | 32 | 0.02 | 20 | 22 | <2 | 57 | <5 | <3 | 114 |
| BL - 4+00W | 0.2 | 2.24 | 17 | <5 | 115 | <3 | 0.22 | 4.3 | 13 | 31 | 29 | 2.57 | 0.55 | 0.24 | 414 | <1 | 0.05 | 21 | 0.06 | 3 | 18 | <2 | 26 | <5 | <3 | 80 |
| BL - 5+00W | 0.1 | 2.64 | 14 | 5 | 237 | 32 | 0.50 | 4.0 | 12 | 22 | 29 | 2.07 | 0.76 | 0.21 | 865 | <1 | 0.13 | 20 | 0.11 | 13 | 28 | <2 | 96 | <5 | <3 | 117 |
| BL - 6+00W | 0.2 | 2.28 | 9 | <5 | 291 | 50 | 0.29 | 3.3 | 12 | 22 | 22 | 1.87 | 0.80 | 0.28 | 873 | <1 | 0.08 | 17 | 0.04 | 12 | 19 | <2 | 53 | <5 | <3 | 104 |
| BL - 7+00W | 0.2 | 2.19 | 12 | 15 | 246 | 67 | 0.27 | 3.3 | 12 | 20 | 24 | 1.88 | 0.71 | 0.26 | 827 | <1 | 0.06 | 17 | 0.04 | 21 | 27 | <2 | 48 | <5 | <3 | 98 |
| BL - 8+00W | 0.1 | 1.67 | 6 | 25 | 178 | 21 | 0.28 | 2.8 | 10 | 181 | 20 | 1.19 | 0.49 | 0.14 | 525 | 29 | 0.04 | 69 | 0.07 | 13 | 14 | <2 | 54 | <5 | <3 | 93 |
| BL - 9+00W | 0.3 | 1.39 | <3 | 5 | 109 | 17 | 0.25 | 3.1 | 9 | 22 | 19 | 1.82 | 0.57 | 0.20 | 372 | <1 | 0.03 | 15 | 0.03 | 14 | 18 | <2 | 35 | <5 | <3 | 66 |
| BL - 10+00W | 0.4 | 1.41 | 11 | <5 | 116 | 15 | 0.20 | 3.3 | 9 | 18 | 18 | 1.80 | 0.57 | 0.17 | 526 | <1 | 0.03 | 12 | 0.04 | 6 | 22 | <2 | 27 | <5 | <3 | 70 |
| BL - 11+00W | 0.3 | 1.47 | <3 | <5 | 176 | 74 | 0.25 | 3.1 | 10 | 16 | 20 | 1.70 | 0.55 | 0.19 | 562 | <1 | 0.04 | 15 | 0.06 | <2 | 12 | <2 | 43 | <5 | <3 | 112 |
| BL - 12+00W | 0.2 | 2.08 | 11 | <5 | 200 | 33 | 0.28 | 3.3 | 11 | 21 | 23 | 1.89 | 0.65 | 0.21 | 477 | <1 | 0.06 | 16 | 0.05 | 15 | 22 | <2 | 70 | <5 | <3 | 95 |
| BL - 13+00W | 0.3 | 1.73 | 8 | 5 | 272 | <3 | 0.35 | 2.8 | 11 | 23 | 19 | 2.11 | 0.66 | 0.25 | 630 | <1 | 0.06 | 16 | 0.06 | <2 | 11 | <2 | 73 | <5 | <3 | 112 |
| BL - 14+00W | 0.3 | 2.62 | 12 | 5 | 214 | <3 | 0.39 | 3.3 | 12 | 38 | 26 | 2.52 | 0.61 | 0.31 | 493 | <1 | 0.04 | 18 | 0.05 | 8 | 15 | <2 | 95 | <5 | <3 | 85 |
| BL - 15+00W | 0.2 | 2.05 | 3 | <5 | 114 | 9 | 0.40 | 2.6 | 17 | 48 | 33 | 3.16 | 0.88 | 0.46 | 398 | <1 | 0.14 | 29 | 0.02 | <2 | 22 | <2 | 60 | <5 | <3 | 92 |
| BL - 16+00W | 0.3 | 3.14 | <3 | 10 | 332 | 44 | 0.31 | 3.1 | 14 | 24 | 29 | 1.67 | 0.60 | 0.13 | 1254 | <1 | 0.05 | 18 | 0.14 | 36 | 43 | <2 | 119 | <5 | <3 | 92 |
| L1 - 0+00 | 0.2 | 0.55 | 11 | <5 | 142 | 35 | 0.23 | 2.8 | 7 | 3 | 21 | 1.12 | 0.36 | 0.09 | 1567 | <1 | 0.02 | 10 | 0.03 | <2 | 4 | <2 | 25 | <5 | <3 | 108 |
| L1 - 0+50W | 0.3 | 1.52 | <3 | 15 | 96 | 10 | 0.44 | 3.6 | 12 | 25 | 27 | 2.21 | 0.55 | 0.29 | 783 | <1 | 0.05 | 13 | 0.02 | <2 | 6 | <2 | 43 | <5 | <3 | 83 |
| L1 - 1+00W | 0.7 | 2.47 | 14 | 5 | 222 | <3 | 0.38 | 1.7 | 10 | 31 | 31 | 2.18 | 0.13 | 0.21 | 1084 | <1 | 0.07 | <1 | 0.05 | 20 | 14 | <2 | 49 | <5 | <3 | 139 |
| L1 - 1+50W | 0.6 | 3.84 | 18 | 5 | 159 | 21 | 1.32 | 3.2 | 13 | 37 | 36 | 1.69 | 0.71 | 0.25 | 140 | 5 | 0.09 | 19 | 0.03 | 50 | 44 | <2 | 93 | <5 | <3 | 54 |
| L1 - 2+00W | 0.4 | 0.71 | 5 | <5 | 117 | 21 | 0.28 | 2.3 | 10 | 9 | 25 | 1.56 | 0.46 | 0.12 | 1170 | <1 | 0.02 | 4 | 0.03 | <2 | <2 | <2 | 36 | <5 | <3 | 111 |
| L1 - 2+50W | 0.3 | 1.80 | 3 | <5 | 140 | 90 | 0.35 | 2.3 | 13 | 29 | 21 | 2.22 | 0.67 | 0.22 | 482 | <1 | 0.04 | 15 | 0.03 | 13 | 19 | <2 | 40 | <5 | <3 | 75 |
| L1 - 3+00W | 0.2 | 1.48 | <3 | 10 | 74 | 8 | 0.31 | 2.8 | 12 | 24 | 17 | 2.21 | 0.38 | 0.24 | 452 | <1 | 0.02 | 18 | 0.01 | <2 | 3 | <2 | 32 | <5 | <3 | 69 |
| L1 - 3+50W | 0.4 | 2.64 | <3 | 15 | 137 | 43 | 0.53 | 2.3 | 14 | 31 | 28 | 2.39 | 0.57 | 0.25 | 898 | <1 | 0.09 | 18 | 0.05 | 12 | 23 | <2 | 46 | <5 | <3 | 119 |
| L1 - 4+00W | 0.5 | 2.09 | 3 | <5 | 124 | 36 | 0.55 | 3.1 | 12 | 32 | 30 | 2.20 | 0.67 | 0.31 | 598 | <1 | 0.10 | 15 | 0.04 | 13 | 22 | <2 | 49 | <5 | <3 | 82 |
| L1 - 4+50W | 0.3 | 1.95 | 14 | 10 | 155 | 54 | 0.26 | 2.8 | 13 | 36 | 23 | 2.22 | 0.62 | 0.21 | 620 | <1 | 0.04 | 17 | 0.08 | 23 | 33 | <2 | 29 | <5 | <3 | 119 |
| L1 - 5+00W | 0.2 | 0.71 | <3 | 5 | 209 | 38 | 0.33 | 2.8 | 9 | 14 | 16 | 1.29 | 0.50 | 0.14 | 1339 | <1 | 0.04 | 14 | 0.03 | <2 | 4 | <2 | 41 | <5 | <3 | 112 |
| L1 - 5+50W | 0.2 | 1.88 | 19 | <5 | 126 | <3 | 0.15 | 2.0 | 9 | 14 | 17 | 1.58 | 0.47 | 0.17 | 481 | <1 | 0.01 | 13 | 0.05 | <2 | 4 | <2 | 24 | <5 | <3 | 112 |
| L1 - 6+00W | 0.2 | 2.62 | 11 | <5 | 255 | 69 | 0.46 | 3.8 | 15 | 34 | 28 | 2.67 | 0.72 | 0.33 | 1731 | <1 | 0.04 | 21 | 0.06 | 22 | 27 | <2 | 73 | <5 | <3 | 94 |
| L1 - 6+42W | 0.2 | 1.87 | 6 | 5 | 194 | 56 | 0.38 | 3.8 | 13 | 29 | 27 | 2.28 | 0.70 | 0.25 | 1182 | <1 | 0.04 | 14 | 0.04 | 20 | 29 | <2 | 47 | <5 | <3 | 91 |
| L1 - 6+50W | 0.2 | 1.45 | 3 | <5 | 268 | 98 | 0.26 | 3.6 | 11 | 21 | 28 | 1.55 | 0.57 | 0.18 | 1813 | <1 | 0.05 | 14 | 0.05 | 26 | 33 | <2 | 35 | <5 | <3 | 120 |
| L1 - 7+00W | 0.3 | 0.57 | 3 | 5 | 257 | <3 | 0.26 | 2.8 | 6 | 3 | 20 | 0.92 | 0.40 | 0.10 | 2016 | <1 | 0.02 | 4 | 0.03 | <2 | <2 | <2 | 36 | <5 | <3 | 90 |
| L1 - 7+50W | 0.2 | 1.91 | 3 | 15 | 134 | <3 | 0.25 | 2.0 | 10 | 19 | 19 | 1.97 | 0.50 | 0.23 | 670 | <1 | 0.03 | 10 | 0.03 | <2 | 9 | <2 | 31 | <5 | <3 | 71 |
| L1 - 8+00W | 0.5 | 2.24 | 14 | <5 | 236 | 15 | 0.49 | 3.8 | 14 | 29 | 24 | 2.41 | 0.69 | 0.31 | 1195 | <1 | 0.04 | 14 | 0.04 | 6 | 17 | <2 | 62 | <5 | <3 | 75 |
| L2 - 0+00 | 0.4 | 2.53 | 10 | <5 | 143 | 36 | 0.23 | 2.8 | 13 | 28 | 25 | 2.24 | 0.48 | 0.24 | 744 | 1 | 0.04 | 17 | 0.04 | 16 | 31 | <2 | 25 | <5 | <3 | 90 |
| L2 - 0+50W | 0.3 | 1.51 | <3 | 10 | 233 | 93 | 0.35 | 3.3 | 13 | 26 | 24 | 2.01 | 0.71 | 0.23 | 1432 | <1 | 0.05 | 19 | 0.03 | 27 | 33 | <2 | 42 | <5 | <3 | 102 |
| L2 - 1+00W | 0.3 | 0.69 | <3 | <5 | 100 | 31 | 0.18 | 1.0 | 9 | 6 | 15 | 1.12 | 0.30 | 0.12 | 744 | <1 | 0.02 | 9 | 0.02 | <2 | <2 | <2 | 17 | <5 | <3 | 53 |
| L2 - 1+50W | 0.2 | 1.68 | 12 | 10 | 283 | 239 | 0.43 | 3.3 | 15 | 32 | 35 | 2.12 | 0.79 | 0.28 | 1931 | <1 | 0.06 | 22 | 0.04 | 42 | 47 | <2 | 47 | <5 | <3 | 89 |

Minimum Detection 0.1 0.01 3 5 1 3 0.01 0.1 1 1 1 0.01 0.01 0.01 1 1 0.01 1 0.01 2 2 2 1 5 3 1
 Maximum Detection 50.0 10.00 2000 10000 1000 1000 10.00 1000.0 20000 1000 20000 10.00 10.00 10.00 20000 1000 10.00 20000 10.00 20000 2000 1000 10000 100 1000 20000
 < - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample *Au Analysis Done By Aqua Regia Digestion / Solvent Extraction / AAS.

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6

Ph: (604)251-5656 Fax: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: 

REPORT #: 910304 PA

OMEGA SERVICES

PROJECT: NONE GIVEN

DATE IN: NOV 18 1991

DATE OUT: NOV 29 1991

ATTENTION: MR. JIM McLEOD

PAGE 2 OF 3

| Sample Name | Ag | Al | As | *Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sn | Sr | U | W | Zn |
|-------------|-----|------|-----|-----|-----|-----|------|-----|-----|-----|-----|------|-------|------|------|-----|-------|-----|-------|-----|-----|-----|-----|-----|-----|-----|
| | ppm | % | ppm | ppb | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| L2 - 2+00W | 0.2 | 1.51 | 6 | 10 | 195 | 33 | 0.36 | 3.1 | 11 | 23 | 25 | 1.96 | 0.45 | 0.26 | 1300 | <1 | 0.04 | 16 | 0.03 | 11 | 13 | <2 | 35 | <5 | <3 | 95 |
| L2 - 2+50W | 0.3 | 1.54 | 12 | 5 | 368 | 123 | 0.41 | 5.1 | 13 | 34 | 30 | 2.27 | 0.60 | 0.25 | 1963 | <1 | 0.03 | 19 | 0.05 | 27 | 31 | <2 | 43 | <5 | <3 | 235 |
| L2 - 3+00W | 0.2 | 0.85 | 6 | <5 | 164 | <3 | 0.40 | 3.1 | 6 | 6 | 18 | 1.18 | 0.34 | 0.13 | 1249 | <1 | <0.01 | 7 | 0.02 | <2 | <2 | <2 | 61 | <5 | <3 | 70 |
| L2 - 3+50W | 0.3 | 1.62 | 8 | <5 | 197 | <3 | 0.35 | 4.2 | 11 | 27 | 25 | 2.53 | 0.58 | 0.28 | 1524 | <1 | 0.04 | 17 | 0.02 | 4 | 4 | <2 | 42 | <5 | <3 | 110 |
| L2 - 4+00W | 0.2 | 2.63 | 9 | <5 | 148 | 25 | 0.29 | 4.8 | 13 | 27 | 28 | 2.29 | 0.47 | 0.26 | 525 | <1 | 0.05 | 18 | 0.03 | <2 | 13 | <2 | 38 | <5 | <3 | 87 |
| L2 - 4+50W | 0.1 | 3.25 | 9 | 15 | 191 | 26 | 0.55 | 3.6 | 12 | 27 | 29 | 1.99 | 0.60 | 0.19 | 1152 | <1 | 0.04 | 13 | 0.06 | 15 | 33 | <2 | 54 | <5 | <3 | 128 |
| L2 - 5+00W | 0.3 | 1.49 | 17 | 10 | 224 | 31 | 0.41 | 4.8 | 10 | 17 | 32 | 1.90 | 0.44 | 0.24 | 1571 | <1 | 0.02 | 15 | 0.05 | <2 | 12 | <2 | 47 | <5 | <3 | 123 |
| L2 - 5+50W | 0.3 | 2.37 | 25 | <5 | 85 | <3 | 0.24 | 2.4 | 9 | 13 | 27 | 1.21 | 0.29 | 0.14 | 396 | <1 | 0.03 | 10 | 0.09 | <2 | 20 | <2 | 46 | <5 | <3 | 69 |
| L2 - 6+00W | 0.2 | 1.76 | 11 | <5 | 228 | 42 | 0.50 | 5.1 | 12 | 20 | 34 | 1.89 | 0.57 | 0.26 | 1579 | <1 | 0.03 | 13 | 0.04 | 33 | 23 | <2 | 79 | <5 | <3 | 102 |
| L2 - 6+50W | 0.1 | 1.41 | <3 | <5 | 166 | <3 | 0.57 | 3.1 | 8 | 9 | 25 | 1.80 | 0.34 | 0.22 | 1990 | <1 | 0.01 | 13 | 0.02 | <2 | <2 | <2 | 65 | <5 | <3 | 81 |
| L2 - 7+00W | 0.1 | 3.30 | 10 | <5 | 280 | 110 | 0.37 | 4.6 | 15 | 41 | 38 | 2.55 | 0.66 | 0.30 | 986 | <1 | 0.05 | 18 | 0.06 | 39 | 45 | <2 | 49 | <5 | <3 | 100 |
| L2 - 7+50W | 0.2 | 0.97 | 9 | <5 | 120 | <3 | 0.35 | 2.5 | 5 | 4 | 24 | 1.14 | 0.36 | 0.12 | 1410 | <1 | 0.01 | 4 | 0.03 | <2 | <2 | <2 | 38 | <5 | <3 | 91 |
| L2 - 8+00W | 0.2 | 2.00 | 18 | <5 | 122 | 38 | 0.37 | 3.8 | 13 | 26 | 25 | 2.52 | 0.56 | 0.30 | 1249 | <1 | 0.02 | 14 | 0.04 | <2 | 12 | <2 | 47 | <5 | <3 | 91 |
| CL - 0+00 | 0.1 | 2.54 | 18 | <5 | 79 | 4 | 0.41 | 4.3 | 12 | 35 | 27 | 2.41 | 0.63 | 0.23 | 419 | <1 | 0.04 | 20 | 0.03 | 16 | 24 | <2 | 48 | <5 | <3 | 79 |
| CL - 0+50W | 0.3 | 1.66 | <3 | <5 | 200 | 14 | 0.36 | 3.6 | 9 | 30 | 22 | 2.14 | 0.50 | 0.19 | 601 | <1 | 0.01 | 13 | 0.07 | <2 | 7 | <2 | 66 | <5 | <3 | 64 |
| CL - 1+00N | 0.2 | 1.74 | 11 | <5 | 145 | <3 | 0.35 | 3.9 | 11 | 37 | 21 | 2.54 | 0.54 | 0.19 | 690 | <1 | 0.02 | 17 | 0.07 | <2 | 12 | <2 | 34 | <5 | <3 | 90 |
| CL - 1+50N | 0.2 | 2.14 | <3 | <5 | 151 | <3 | 0.26 | 4.4 | 9 | 34 | 22 | 2.36 | 0.56 | 0.18 | 636 | <1 | 0.02 | 18 | 0.07 | 5 | 18 | <2 | 34 | <5 | <3 | 91 |
| CL - 2+00N | 0.3 | 1.71 | 19 | <5 | 132 | 9 | 0.20 | 4.3 | 9 | 38 | 22 | 2.56 | 0.49 | 0.19 | 225 | <1 | 0.02 | 19 | 0.05 | <2 | 10 | <2 | 22 | <5 | <3 | 62 |
| CL - 2+50N | 0.1 | 1.95 | <3 | <5 | 139 | 36 | 0.22 | 4.1 | 9 | 30 | 22 | 2.12 | 0.46 | 0.19 | 587 | <1 | 0.01 | 18 | 0.07 | <2 | 17 | <2 | 28 | <5 | <3 | 85 |
| CL - 3+00N | 0.3 | 1.84 | <3 | 5 | 134 | <3 | 0.16 | 0.5 | 4 | 33 | 13 | 2.31 | <0.01 | 0.14 | 454 | <1 | 0.02 | <1 | 0.07 | <2 | <2 | <2 | 26 | <5 | <3 | 82 |
| CL - 3+50N | 0.3 | 2.16 | 13 | <5 | 268 | <3 | 0.37 | 2.8 | 10 | 30 | 22 | 2.40 | 0.47 | 0.24 | 577 | <1 | 0.02 | 29 | 0.07 | <2 | 3 | <2 | 48 | <5 | <3 | 100 |
| CL - 4+00N | 0.4 | 2.95 | <3 | 20 | 191 | 35 | 0.33 | 3.3 | 13 | 41 | 28 | 2.80 | 0.56 | 0.25 | 462 | <1 | 0.03 | 24 | 0.06 | 6 | 13 | <2 | 44 | <5 | <3 | 99 |
| CL - 4+50N | 0.3 | 2.47 | <3 | 10 | 218 | 11 | 0.38 | 3.6 | 12 | 37 | 26 | 2.36 | 0.54 | 0.24 | 587 | <1 | 0.04 | 23 | 0.09 | 12 | 25 | <2 | 45 | <5 | <3 | 124 |
| CL - 5+00N | 0.2 | 1.55 | 3 | <5 | 98 | 33 | 0.26 | 3.6 | 10 | 34 | 21 | 2.44 | 0.38 | 0.18 | 503 | <1 | <0.01 | 13 | 0.01 | <2 | 11 | <2 | 32 | <5 | <3 | 71 |
| CL - 5+50N | 0.4 | 1.70 | <3 | <5 | 109 | <3 | 0.42 | 3.1 | 9 | 35 | 20 | 2.90 | 0.42 | 0.21 | 201 | <1 | 0.02 | 13 | <0.01 | <2 | 5 | <2 | 69 | <5 | <3 | 63 |
| CL - 6+00N | 0.3 | 2.39 | 9 | 15 | 186 | 35 | 0.50 | 4.5 | 11 | 33 | 25 | 2.57 | 0.61 | 0.21 | 630 | <1 | 0.03 | 17 | 0.10 | <2 | 18 | <2 | 65 | <5 | <3 | 90 |
| CL - 6+50N | 0.4 | 2.33 | 17 | 10 | 263 | 27 | 0.41 | 2.5 | 9 | 23 | 20 | 2.28 | 0.51 | 0.19 | 1060 | 1 | <0.01 | 13 | 0.13 | <2 | 5 | <2 | 53 | <5 | <3 | 147 |
| CL - 7+00N | 0.3 | 2.48 | <3 | 10 | 173 | 68 | 0.19 | 3.6 | 11 | 36 | 29 | 2.48 | 0.47 | 0.21 | 721 | <1 | 0.03 | 18 | 0.04 | 3 | 17 | <2 | 28 | <5 | <3 | 115 |
| CL - 7+50N | 0.2 | 1.93 | 8 | 5 | 120 | 48 | 0.25 | 3.3 | 9 | 40 | 24 | 2.57 | 0.33 | 0.20 | 590 | <1 | 0.01 | 16 | 0.05 | 10 | 14 | <2 | 30 | <5 | <3 | 82 |
| CL - 8+00N | 0.3 | 1.37 | <3 | 20 | 169 | 50 | 0.36 | 3.4 | 10 | 35 | 23 | 2.47 | 0.56 | 0.18 | 594 | <1 | 0.03 | 16 | 0.08 | <2 | 10 | <2 | 49 | <5 | <3 | 100 |
| CL - 8+50N | 0.2 | 1.55 | <3 | 5 | 142 | <3 | 0.23 | 3.4 | 7 | 30 | 20 | 2.23 | 0.40 | 0.19 | 596 | <1 | <0.01 | 15 | 0.07 | <2 | 4 | <2 | 30 | <5 | <3 | 98 |
| CL - 9+00N | 0.2 | 1.59 | <3 | 15 | 172 | 135 | 0.29 | 3.9 | 13 | 53 | 29 | 3.06 | 0.57 | 0.26 | 410 | <1 | 0.03 | 23 | 0.05 | 25 | 23 | <2 | 31 | <5 | <3 | 89 |
| CL - 9+50N | 0.3 | 0.85 | <3 | <5 | 112 | <3 | 0.42 | 2.9 | 10 | 42 | 32 | 2.01 | 0.33 | 0.21 | 510 | <1 | <0.01 | 14 | 0.01 | 14 | 9 | <2 | 55 | <5 | <3 | 81 |
| CL - 10+00N | 0.2 | 0.80 | 3 | <5 | 89 | 81 | 0.57 | 3.6 | 11 | 55 | 23 | 3.09 | 0.60 | 0.31 | 585 | <1 | 0.04 | 22 | 0.03 | 8 | 10 | <2 | 52 | <5 | <3 | 79 |
| CL - 10+50N | 0.3 | 1.32 | <3 | 10 | 212 | 8 | 0.40 | 3.8 | 10 | 41 | 21 | 2.54 | 0.49 | 0.21 | 620 | <1 | 0.01 | 18 | 0.10 | 10 | 19 | <2 | 62 | <5 | <3 | 111 |
| CL - 11+00N | 0.4 | 1.10 | <3 | 5 | 121 | 4 | 0.37 | 3.1 | 9 | 42 | 22 | 2.74 | 0.59 | 0.18 | 385 | <1 | 0.02 | 19 | 0.06 | 8 | 14 | <2 | 45 | <5 | <3 | 87 |
| CL - 11+50N | 0.3 | 1.07 | <3 | 10 | 119 | 49 | 0.33 | 3.4 | 9 | 42 | 20 | 2.67 | 0.55 | 0.19 | 530 | <1 | 0.01 | 23 | 0.05 | 5 | 18 | <2 | 44 | <5 | <3 | 105 |
| CL - 12+00N | 0.4 | 1.38 | <3 | <5 | 164 | 177 | 0.26 | 4.9 | 11 | 42 | 21 | 2.72 | 0.59 | 0.23 | 523 | <1 | 0.04 | 20 | 0.04 | 6 | 24 | <2 | 31 | <5 | <3 | 110 |
| CL - 12+50N | 0.3 | 1.77 | <3 | 15 | 161 | 156 | 0.24 | 2.3 | 11 | 37 | 29 | 1.93 | 0.69 | 0.16 | 637 | <1 | 0.05 | 21 | 0.07 | 34 | 47 | <2 | 28 | <5 | <3 | 109 |

Minimum Detection 0.1 0.01 3 5 1 3 0.01 0.1 1 1 1 1 0.01 0.01 0.01 1 1 0.01 1 0.01 2 2 2 1 5 3 1
 Maximum Detection 50.0 10.00 2000 10000 1000 1000 10.00 1000.0 20000 1000 20000 10.00 10.00 10.00 20000 1000 10.00 20000 10.00 20000 2000 1000 10000 100 1000 20000
 (-) - Less Than Minimum (+) - Greater Than Maximum ic - Insufficient Sample ns - No Sample *Au Analysis Done By Aqua Regia Digestion / Solvent Extraction / AAS.

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph: (604)251-5656 Fax: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *[Signature]*

REPORT #: 910304 PA

OMEGA SERVICES

PROJECT: NONE GIVEN

DATE IN: NOV 18 1991

DATE OUT: NOV 29 1991

ATTENTION: MR. JIM McLEGG

PAGE 3 OF 3

| Sample Name | Ag | Al | As | *Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sn | Sr | U | W | Zn |
|-------------|-----|------|-----|-----|-----|-----|------|-----|-----|-----|-----|------|-------|------|------|-----|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|
| | ppm | % | ppm | ppb | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| CL - 13+00N | 0.2 | 1.67 | 11 | 15 | 162 | 78 | 0.26 | 5.1 | 10 | 40 | 28 | 2.45 | 0.35 | 0.23 | 361 | <1 | 0.01 | 21 | 0.05 | 22 | 22 | <2 | 30 | <5 | <3 | 118 |
| CL - 13+50N | 0.1 | 0.99 | 8 | 20 | 126 | 48 | 0.31 | 5.4 | 8 | 31 | 21 | 2.44 | 0.39 | 0.20 | 492 | <1 | <0.01 | 18 | 0.04 | <2 | <2 | <2 | 38 | <5 | <3 | 121 |
| CL - 14+00N | 0.1 | 2.16 | 8 | <5 | 132 | 71 | 0.26 | 5.9 | 12 | 43 | 31 | 2.71 | 0.42 | 0.27 | 463 | <1 | 0.01 | 19 | 0.04 | 7 | 19 | <2 | 29 | <5 | <3 | 129 |
| CL - 14+50N | 0.2 | 1.80 | 20 | <5 | 138 | 133 | 0.27 | 6.3 | 11 | 36 | 28 | 2.56 | 0.41 | 0.26 | 473 | 2 | 0.01 | 18 | 0.05 | <2 | 7 | <2 | 29 | <5 | <3 | 130 |
| CL - 15+00N | 0.3 | 2.40 | 5 | <5 | 113 | 6 | 0.34 | 5.4 | 11 | 36 | 33 | 2.60 | 0.41 | 0.26 | 381 | 1 | 0.02 | 18 | 0.06 | <2 | 17 | <2 | 41 | <5 | <3 | 116 |
| CL - 0+50S | 0.1 | 2.18 | 3 | 5 | 252 | 53 | 0.49 | 6.2 | 12 | 37 | 28 | 2.48 | 0.32 | 0.22 | 620 | <1 | <0.01 | 17 | 0.10 | 9 | 21 | <2 | 81 | <5 | <3 | 132 |
| CL - 1+00S | 0.2 | 1.61 | <3 | 10 | 130 | 85 | 0.37 | 5.9 | 10 | 40 | 28 | 2.69 | 0.44 | 0.22 | 500 | <1 | 0.01 | 19 | 0.03 | <2 | 12 | <2 | 48 | <5 | <3 | 114 |
| CL - 1+50S | 0.3 | 2.15 | 6 | 10 | 200 | 144 | 0.39 | 5.4 | 10 | 32 | 29 | 2.23 | 0.31 | 0.22 | 542 | <1 | 0.01 | 20 | 0.08 | 7 | 16 | <2 | 57 | <5 | <3 | 133 |
| CL - 2+00S | 0.2 | 1.96 | 11 | <5 | 196 | 164 | 0.38 | 5.3 | 10 | 23 | 26 | 1.68 | 0.34 | 0.17 | 590 | <1 | 0.03 | 14 | 0.08 | 23 | 27 | <2 | 58 | <5 | <3 | 161 |
| CL - 2+50S | 0.1 | 0.98 | <3 | 5 | 77 | 68 | 0.23 | 4.4 | 7 | 21 | 18 | 1.74 | 0.13 | 0.17 | 503 | 1 | <0.01 | 10 | 0.01 | <2 | <2 | <2 | 30 | <5 | <3 | 112 |
| CL - 3+00S | 0.1 | 1.99 | <3 | <5 | 191 | 94 | 0.46 | 4.9 | 10 | 25 | 29 | 2.04 | 0.45 | 0.23 | 1051 | <1 | 0.03 | 19 | 0.05 | 23 | 22 | <2 | 63 | <5 | <3 | 168 |
| CL - 3+50S | 0.1 | 1.40 | <3 | 15 | 173 | 124 | 0.32 | 4.9 | 9 | 28 | 20 | 2.16 | 0.36 | 0.16 | 755 | <1 | <0.01 | 18 | 0.05 | 4 | 13 | <2 | 42 | <5 | <3 | 117 |
| CL - 4+00S | 0.2 | 1.67 | <3 | 5 | 163 | 124 | 0.33 | 5.4 | 12 | 32 | 28 | 2.45 | 0.51 | 0.25 | 1238 | <1 | 0.02 | 19 | 0.05 | 35 | 25 | <2 | 43 | <5 | <3 | 126 |
| CL - 4+50S | 0.2 | 0.90 | 9 | 5 | 98 | <3 | 0.22 | 4.6 | 8 | 11 | 23 | 1.73 | 0.33 | 0.15 | 1109 | <1 | 0.02 | 9 | 0.03 | <2 | 4 | <2 | 24 | <5 | <3 | 114 |
| CL - 5+00S | 0.1 | 1.89 | 8 | <5 | 65 | 83 | 0.12 | 5.1 | 10 | 31 | 30 | 2.52 | 0.33 | 0.20 | 488 | <1 | 0.03 | 18 | 0.06 | 12 | 22 | <2 | 12 | <5 | <3 | 114 |
| CL - 5+50S | 0.2 | 1.45 | <3 | 5 | 188 | 137 | 0.29 | 5.7 | 12 | 28 | 32 | 2.02 | 0.38 | 0.22 | 1523 | <1 | 0.02 | 20 | 0.04 | 17 | 18 | <2 | 29 | <5 | <3 | 126 |
| CL - 6+00S | 0.2 | 1.36 | <3 | 5 | 223 | 69 | 0.31 | 4.9 | 8 | 21 | 28 | 1.51 | 0.34 | 0.15 | 1580 | <1 | 0.03 | 14 | 0.06 | 18 | 24 | <2 | 38 | <5 | <3 | 126 |
| CL - 6+50S | 0.1 | 0.62 | <3 | 10 | 294 | 60 | 0.27 | 4.4 | 9 | 12 | 23 | 1.56 | 0.13 | 0.26 | 1541 | <1 | <0.01 | 10 | 0.04 | <2 | <2 | <2 | 39 | <5 | <3 | 146 |
| CL - 7+00S | 0.2 | 2.55 | 13 | <5 | 120 | 124 | 0.46 | 6.1 | 19 | 46 | 108 | 2.99 | 0.51 | 0.38 | 605 | <1 | 0.03 | 37 | 0.02 | 13 | 28 | <2 | 49 | <5 | <3 | 122 |
| CL - 7+50S | 0.2 | 2.01 | <3 | <5 | 174 | 18 | 0.23 | 4.1 | 10 | 38 | 30 | 2.34 | <0.01 | 0.35 | 543 | <1 | 0.02 | <1 | 0.04 | 11 | 4 | <2 | 38 | <5 | <3 | 119 |
| CL - 8+00S | 0.2 | 1.76 | <3 | <5 | 189 | 189 | 0.33 | 7.0 | 12 | 39 | 35 | 2.31 | 0.44 | 0.27 | 896 | <1 | 0.02 | 25 | 0.05 | 33 | 42 | <2 | 30 | <5 | <3 | 129 |
| CL - 8+50S | 0.2 | 0.40 | <3 | 15 | 101 | <3 | 0.21 | 5.0 | 3 | 1 | 15 | 0.86 | 0.08 | 0.08 | 789 | <1 | <0.01 | 10 | 0.02 | <2 | <2 | <2 | 24 | <5 | <3 | 115 |
| CL - 9+00S | 0.3 | 1.55 | <3 | 10 | 261 | 16 | 0.33 | 5.2 | 12 | 37 | 28 | 2.54 | 0.43 | 0.32 | 1087 | <1 | <0.01 | 23 | 0.02 | 10 | 19 | <2 | 32 | <5 | <3 | 145 |
| CL - 9+50S | 0.3 | 1.55 | 4 | 5 | 286 | 94 | 0.32 | 6.4 | 11 | 28 | 24 | 2.24 | 0.37 | 0.29 | 807 | <1 | 0.02 | 20 | 0.06 | 16 | 20 | <2 | 54 | <5 | <3 | 206 |
| CL - 10+00S | 0.2 | 1.41 | <3 | <5 | 264 | 59 | 0.63 | 4.4 | 18 | 21 | 69 | 2.37 | 0.27 | 0.33 | 1043 | <1 | <0.01 | 20 | 0.07 | 2 | 6 | <2 | 73 | <5 | <3 | 209 |
| CL - 10+50S | 0.1 | 2.08 | <3 | 10 | 230 | <3 | 0.48 | 4.9 | 12 | 34 | 36 | 2.86 | 0.48 | 0.35 | 690 | <1 | <0.01 | 18 | 0.03 | 2 | 11 | <2 | 81 | <5 | <3 | 199 |
| CL - 11+00S | 0.1 | 2.07 | <3 | <5 | 312 | 130 | 0.44 | 7.0 | 21 | 56 | 56 | 3.27 | 0.71 | 0.70 | 705 | <1 | 0.01 | 36 | 0.03 | 24 | 29 | <2 | 48 | <5 | <3 | 177 |
| CL - 11+50S | 0.3 | 1.25 | <3 | 15 | 256 | 33 | 0.43 | 4.5 | 9 | 19 | 27 | 1.75 | 0.30 | 0.26 | 838 | <1 | <0.01 | 18 | 0.03 | <2 | 6 | <2 | 53 | <5 | <3 | 125 |
| CL - 12+00S | 0.1 | 1.97 | 6 | <5 | 239 | 38 | 0.30 | 6.0 | 14 | 40 | 40 | 2.58 | 0.38 | 0.38 | 844 | <1 | <0.01 | 24 | 0.06 | 11 | 22 | <2 | 38 | <5 | <3 | 143 |
| CL - 12+50S | 0.1 | 1.47 | <3 | <5 | 199 | 248 | 0.36 | 3.7 | 17 | 46 | 44 | 2.58 | 0.68 | 0.40 | 942 | <1 | 0.05 | 28 | 0.02 | 47 | 52 | <2 | 38 | <5 | <3 | 162 |

Minimum Detection 0.1 0.01 3 5 1 3 0.01 0.1 1 1 1 0.01 0.01 0.01 1 1 0.01 1 0.01 2 2 2 1 5 3 1
 Maximum Detection 50.0 10.00 2000 10000 1000 1000 10.00 1000.0 20000 1000 20000 10.00 10.00 10.00 20000 1000 10.00 20000 10.00 20000 2000 1000 10000 100 1000 20000
 < - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample *Au Analysis Done By Aqua Regia Digestion / Solvent Extraction / AAS.

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: MR. JIM McLEOD
ADDRESS: 207 - 1318 56th St.
: Delta, BC
: V4L 2A4

DATE: FEB 25 1991

REPORT#: 910026 GA
JOB#: 910026

PROJECT#: NONE GIVEN
SAMPLES ARRIVED: FEB 20 1991
REPORT COMPLETED: FEB 25 1991
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 910026 NA
TOTAL SAMPLES: 2
SAMPLE TYPE: 2 ROCK
REJECTS: SAVED

SAMPLES FROM: MR. JIM McLEOD
COPY SENT TO: MR. JIM McLEOD

PREPARED FOR: MR. JIM McLEOD

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 910026 GA

JOB NUMBER: 910026

MR. JIM McLEOD

PAGE 1 OF 1

SAMPLE #

Au

ppb

107212

70

- ANNA #4 M.C. - LI-6+40W.

107213

nd

- ANNA #3 M.C. - LI-0+35W.

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANSEECHEM LAB. REPORTS

1630 Pandora Street, Vancouver, B.C. V5L 1L6
 Ph: (604)251-5656 Fax: (604)254-5717

ICAF GEOCHEMICAL ANALYSIS

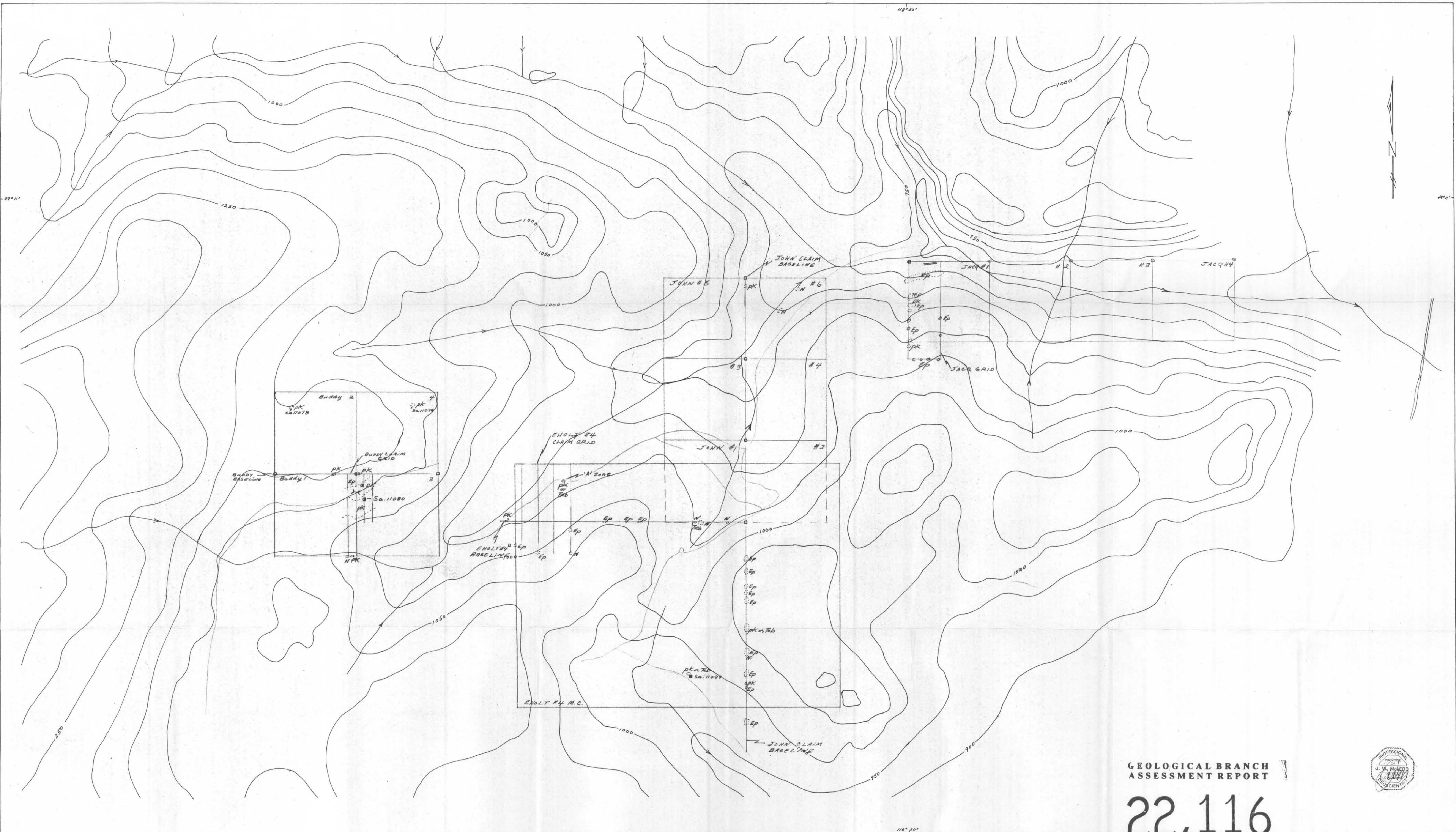
A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *Ryan*

REPORT #: 910026 PA MR. JIM McLEOD PROJECT: None Given DATE IN: FEB 20 1991 DATE OUT: MAR 6 1991 ATTENTION: MR. JIM McLEOD PAGE 1 OF 1

| Sample Name | Ag | Al | As | Ba | Bi | Ca | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Se | Sn | Sr | U | W | Zn | |
|-------------------|------|-------|------|------|------|-------|--------|-------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|------|------|-------|-----|------|-------|
| | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| 107212 | 0.7 | 1.12 | 16 | 73 | <3 | 0.73 | <0.1 | 8 | 73 | 157 | 2.36 | 0.09 | 0.11 | 634 | 7 | 0.09 | 18 | 0.01 | 34 | <2 | <2 | 30 | <5 | <3 | 72 |
| 107213 | 0.3 | 0.99 | 14 | 60 | <3 | 0.27 | <0.1 | 5 | 48 | 35 | 2.75 | 0.19 | 0.06 | 496 | 9 | 0.07 | 15 | <0.01 | 30 | <2 | <2 | 19 | <5 | <3 | 56 |
| Minimum Detection | 0.1 | 0.01 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.



Tertiary
Pentsticon Group (Ep) - Syenite

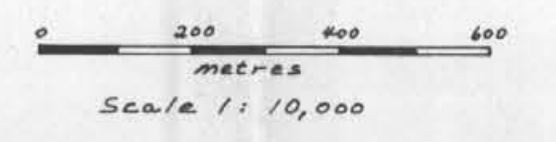
JR - Cretaceous
Nelson Plutonic Rocks (N) - Granodiorite, diorite, gabbro

LEGEND

Triassic
Brooklyn Formation (Kb) - Fragmental/greenstone, metaconglomerate

Carboniferous or Permian
Knob Hill Group (PK) - Greenstone, chert breccia, Amphibolite

- - Shaft
- ∩ - Trench
- BL - Baseline
- - Claim Post (MS) Mineral Claim
- Sa - Rock Sample Assay number



GEOLOGICAL BRANCH
ASSESSMENT REPORT



22,116

GOLDEN KOOTENAY RESOURCES INC.

Rock Exposure and Claim Location Map
Eholt Gold - Copper Property
Greenwood Mining Division, B.C. Map REC-828/25-1W

Figure 14