

GEOCHEMICAL REPORT

- on the -

BILL & JACK CLAIMS

OMINECA MINING DIVISION

BRITISH COLUMBIA GEOLOGICAL BRANCH
ASSESSMENT REPORT

- for -

12,728

EUREKA RESOURCES INC.

837 EAST CORDOVA STREET,

VANCOUVER, B.C. V6A 3R2

WORK PERFORMED: June 17 - June 23, 1984.

LOCATED: NTS 1031/8E

54° 25'N; 128° 12'W

27 km. east of Terrace, B.C.

Prepared by:

John R. Kerr, P. Eng.

July 25, 1984.

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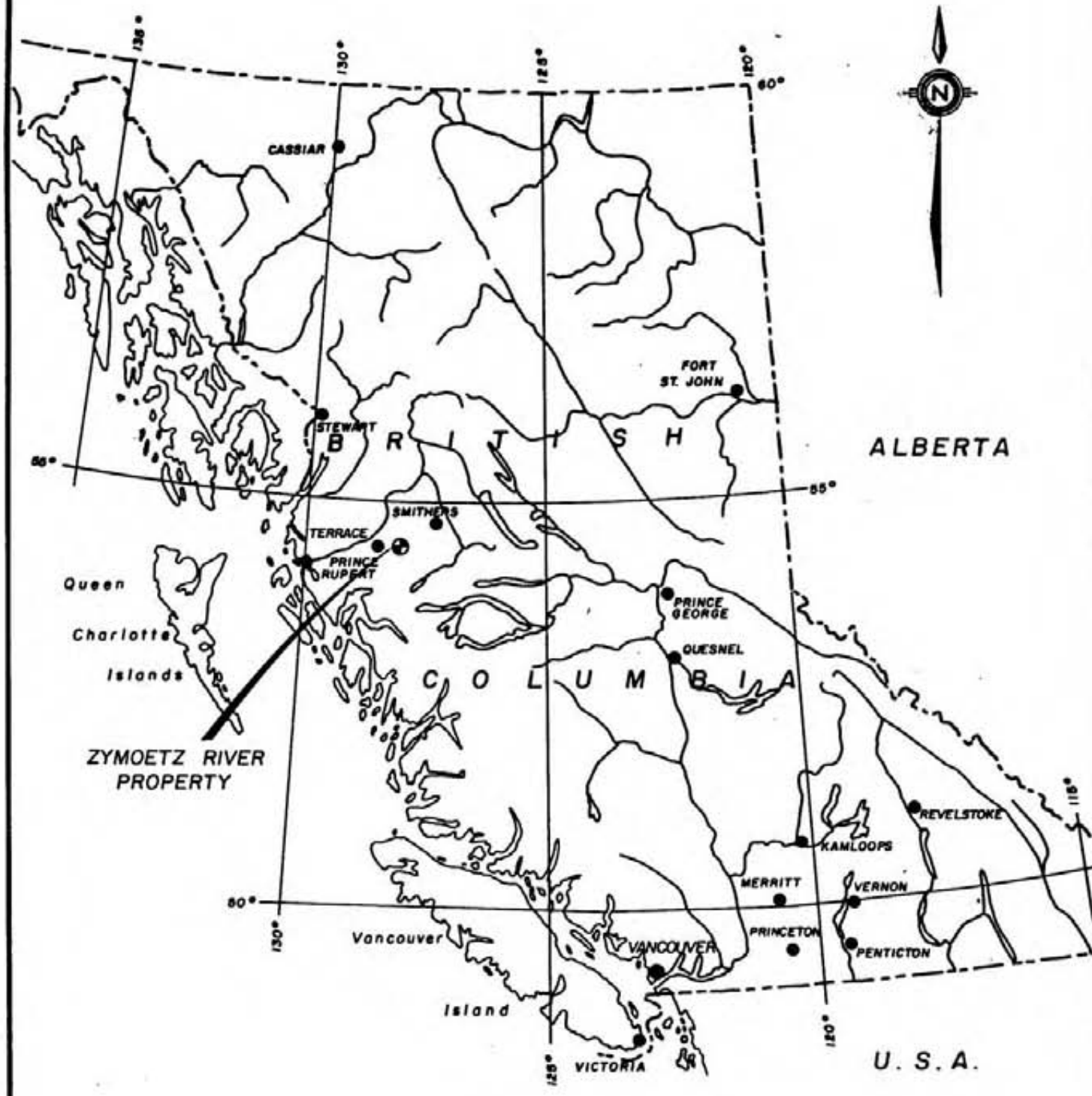
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EUREKA RESOURCES INC.	
LOCATION MAP	
ZYMOETZ RIVER PROPERTY	
OMINECA MINING DIVISION, B.C.	
Technical Work by: Kerr, Dawson & Assoc. Ltd.	Date : June, 1984.
Scale : 1cm. = 87km.	Dwg No. 326-1

SUMMARY

- 1). 19 two-post claims cover several copper (silver) mineralized zones, on Trapline Mountain, located 27 km. east of Terrace, B.C. Access is possible via well maintained logging and communication tower roads along the Zymoetz River.
- 2). The claims are underlain by a complicated lithology and facies of the Hazelton Group of volcanic rock. These rocks vary from felsic to basic tuffs, ash, fragmentals and flows. Several major structural features have been recognized on the claims, the main trends approximating a N-S and E-W direction. It is within the N-S trending structures that most Cu (Ag) mineralization was noted. The mineralization is related to narrow and local quartz/carbonate veining and intense epidote alteration.
- 3). Several intrusive dikes, sills and/or stocks have been identified in the general area of the property. To the northwest of the claims, a granodiorite stock was recognized, however was not mapped in detail. This stock may well be the source of mineralizing fluids, and is believed to be related to the Coast Range Intrusive complex. Several Mesozoic-Tertiary felsic-intermediate-basic dikes or small sills have been identified on the property.
- 4). Invex Resources Ltd. and Imperial Metals Corp. have developed a structurally controlled Cu/Ag deposit in the Kelly Creek valley, 2 km. to the north of the Bill/Jack claims in a similar geological environment. Reserve estimates indicate 400,000 tons grading 3.18% Cu and 2.08 oz/T Ag.

5). Placer Development Ltd. completed a rock-chip sampling, geological and limited VLF-EM survey on the property in 1981. Their programme hi-lited the areas of known showings.

6). Soil geochemistry was completed on the property with the objective of delineating anomalous targets that may indicate mineralization over a sizeable area. Four weak to moderate geochemical targets are interpreted; three related to known showings, and the fourth with no apparent mineralization. A felsic dike is associated with this anomaly, which may have some bearing on potential mineralization.

7). A suggested programme for continued work on the property would be detailed geochemistry over delineated target areas, a VLF-EM survey, and reconnaissance traverses to the northwest of the existing claims.

INTRODUCTION

General Statement:

During the period June 18 - June 23, 1984, Eureka Resources completed a geochemical evaluation of the Bill/Jack claims in the Omineca Mining Division. Due to an excessively late break-up, snow conditions severely hampered progress with the project. The programme consisted of grid establishment over the entire claim block and soil samples collected at 50 meter stations along all lines, where possible. This report summarizes the results of this survey.

Location and Access:

The property is located on Trapline Mountain, 27 km. due east of Terrace, B.C. Geographic co-ordinates of the property are $54^{\circ} 25'N$ and $128^{\circ} 12'W$ (NTS 1031/8E).

Access is possible via a well-maintained logging road along the south side of the Zymoetz River, leaving Highway #16 7 km. northeast of Terrace, B.C. At a point approximately 20 km. along this road, a B.C. Hydro road services a communication relay station on the top of Trapline Mountain. This road passes through the entire claim block in a north-south direction.

Topography and Vegetation:

The property is situated in the rugged Kitimat Ranges of the Coast Mountains. More specifically the claims cover the top of Trapline Mountain, the peak exceeding 4,700 ft. a.s.l. On the peak is situated a B.C. Hydro communication tower.

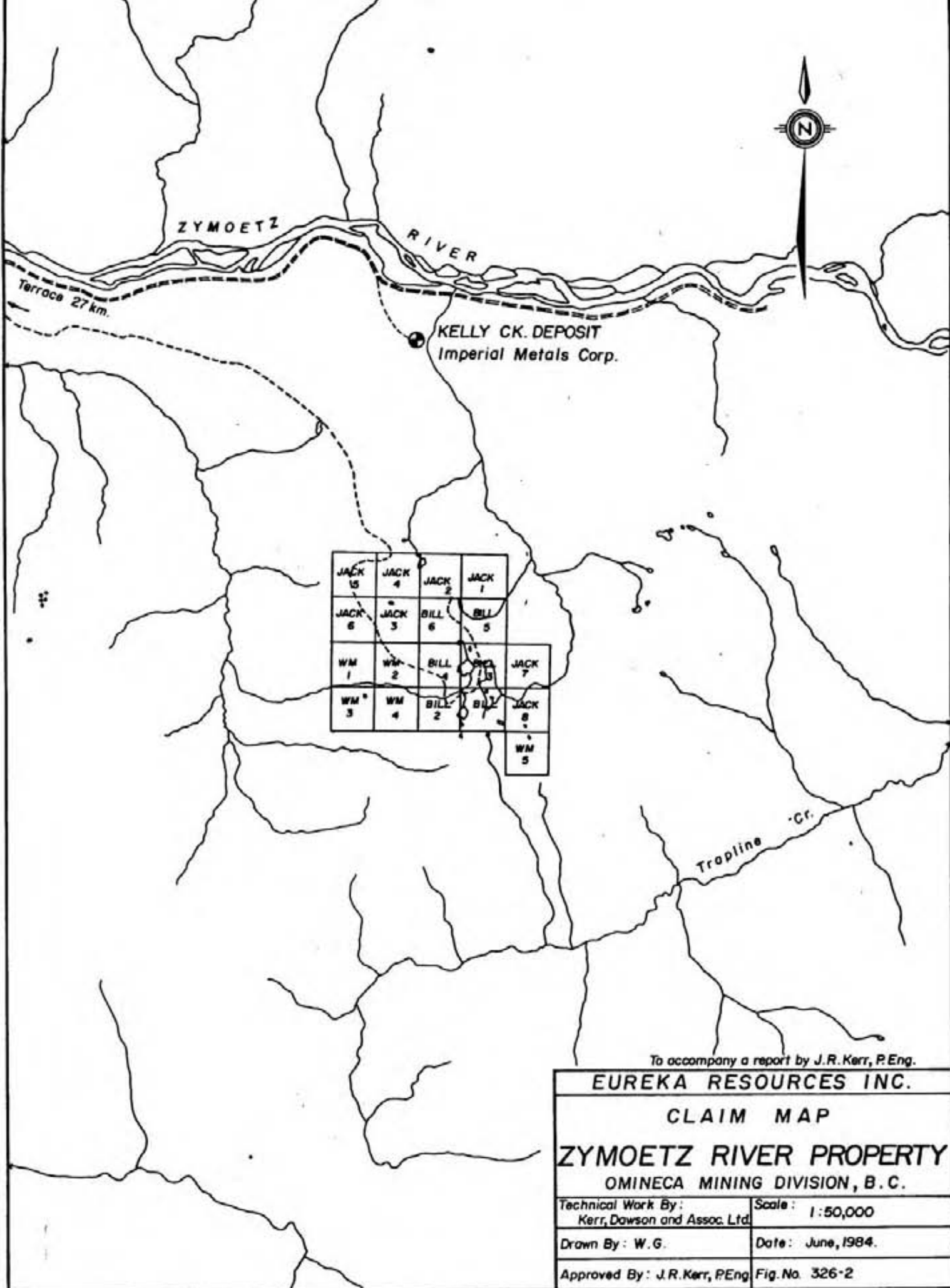
Terrain ranges from gentle, rounded alpine country at the top of the mountain, to moderate slopes in the western area of the claims to extremely precipitous cliffs in the north and eastern portion of the claims. Total relief is in excess of 1,200 ft.

Vegetation is light alpine growth at elevations exceeding 4,500 feet and lightly to heavily forested at the lower elevations consisting of fir, spruce, balsam and cedar. Rock exposure in the alpine is 25-50%.

Claims:

The property consists of 19 contiguous claims, all located under the 2-post system of staking. The following is as list of all claims.

<u>Claim Name</u>	<u>Record No.</u>	<u>Mining Div.</u>	<u>Expiry Date*</u>
Bill 1	1202	Omineca	June 27, 1986
Bill 2	1203	Omineca	June 27, 1986
Bill 3	1204	Omineca	June 27, 1986
Bill 4	1205	Omineca	June 27, 1986
Bill 5	1206	Omineca	June 27, 1986
Bill 6	1207	Omineca	June 27, 1986
William 1	3829	Omineca	June 23, 1986
William 2	3830	Omineca	June 23, 1986
William 3	3831	Omineca	June 23, 1986
William 4	3832	Omineca	June 23, 1986
William 5	3809	Omineca	July 3, 1986



To accompany a report by J.R. Kerr, P.Eng.

EUREKA RESOURCES INC.	
CLAIM MAP	
ZYMOETZ RIVER PROPERTY	
OMINECA MINING DIVISION, B. C.	
Technical Work By: Kerr, Dawson and Assoc. Ltd.	Scale: 1:50,000
Drawn By: W.G.	Date: June, 1984.
Approved By: J.R. Kerr, P.Eng.	Fig. No. 326-2

Claims: cont'd

<u>Claim Name</u>	<u>Record No.</u>	<u>Mining Div.</u>	<u>Expiry Date*</u>
Jack 1	3900	Omineca	July 3, 1986
Jack 2	3901	Omineca	July 3, 1986
Jack 3	3902	Omineca	July 3, 1986
Jack 4	3903	Omineca	July 3, 1986
Jack 5	3904	Omineca	July 3, 1986
Jack 6	3905	Omineca	July 3, 1986
Jack 7	3906	Omineca	July 3, 1986
Jack 8	3907	Omineca	July 3, 1986

* On acceptance of this report.

The recorded owner of the Bill and William claims is William Makowichuk and the recorded owner of the Jack claims is Jack Whittaker.

History:

Copper has been known to exist in the Zymoetz River valley since the early 1900's. The Zymoetz River is referred to locally as the Copper River. The Kelly Creek occurrence, 2 km. north of the claims was probably one of these early discoveries.

In the late 1960's, Pechiney completed an underground development programme on the Kelly Creek occurrence for copper and silver. These claims were allowed to lapse, and subsequently staked for the Kelly Creek Joint Venture in the 1970's. During 1980, a diamond drill programme consisting of 519 meters of AQ underground, and 365 meters of BQ surface drilling was completed. Invex Resources Ltd., operator of the joint venture, announced reserve estimates of 400,000 tons grading 3.18% Cu and 2.08 oz/T Ag based on underground sampling and drilling.

It is not known when Cu, Ag mineralization was discovered on the Bill/Jack claims, however as most of the important showings are along side of the road, it is felt that mineralization was realized at the time of the communication tower access road construction.

The initial claims were located by William Makowichuk in 1978, and subsequently added to in 1981. During 1981, Placer Development Ltd., under agreement completed a rock-chip sampling programme on the claims as part of an assessment work programme.

This agreement was subsequently terminated. During 1984, the claims were optioned to Eureka Resources Inc., who completed the programme as discussed in this report.

FIELD PROGRAMME - 1984

During the period June 17-22, 1984, a three-man crew headed by the writer completed a 16.5 km. grid, consisting of 1.8 km. of baseline and 14.7 km. of cross lines. The grid was established by chain and compass methods. All lines are marked with blue flagging and chainage stations are established at 50 meter intervals along all lines.

Soil samples were collected at the 50 meter stations along all lines, where possible. The programme was severely hampered by a late spring break-up, and residual snow-pack. Samples were collected where possible, and were on occasion of poor quality at the higher alpine elevations. Where possible, soils were from the "B" horizon, and collected in brown Kraft envelopes. In total 223 soils were collected.

During the term of the programme, the writer examined as many of the various showings that were not covered by snow, and returned to the property on July 18, 1984 to evaluate the showings not examined in June. In total, 21 rock chip samples were collected for analysis.

All samples were shipped to Acme Analytical Labs in Vancouver for Cu and Ag analysis. The soils were sieved to -80 mesh, and the rocks were ground to -80 mesh. An aliquot of the -80 mesh fraction was digested in hot nitric and hydrochloric acid to extract the Cu and Ag, the metal content determined by atomic absorption methods.

A 1:5000 scale base map was prepared for the claim area, and the grid was superimposed tying into related topographic features. All sample results are plotted on individual metal maps. Anomalous values are based on a statistical analysis of the samples. Anomalous zones are interpreted based on these classifications.

GEOLOGY

The geology of the area is generalized on the 1"= 4 miles G.S.C. map sheet 1136A, Geology of Terrace Map-Area, by S. Duffel and J. G. Souther.

In summary, the claims area is underlain by felsic-intermediate tuffs, breccias and fragmental volcanic rocks of the Jurassic Hazelton Group. A small(?) granodiorite stock is located on the northwestern flank of Trapline Mountain, 3-4 kilometers northwest of the claims (not shown on G.S.C. map). This stock is probably related to the Coast Intrusive complex located to the west.

The property was mapped in detail by Placer Development Ltd. in 1981. This programme identified four distinct units or facies of the Hazelton Group of volcanic rocks.

- massive, dense greenstone or basalt.
- mauve andesite flows.
- volcanic mud flows & conglomerates.
- felsic fragmentals.

This lithology follows a general N-S trend, dipping moderately to the east.

The area appears to be very structurally complex, with two major structure trends noted in the field.

- N-S, dipping steep to vertical, east.
- E-W, dipping vertical.

All noted mineralization is found in the N-S trending structural system and occurs as pyrite, chalcopyrite, bornite, native copper and malachite. The silver bearing mineral has not been identified.

The mineralization is related to quartz/carbonate veining, with intense epidote and carbonate alteration of the wall rock.

At one location on L8+00N @ 3+50W (samples Z-03 & 04), weak malachite and bornite mineralization was noted in a fault related breccia zone. The two samples represent a width of 5 meters and indicate anomalous content of copper, and weakly anomalous content of silver. It was the only area observed on the property that indicated mineralization over an appreciable width.

Several dikes have been mapped on the property, ranging in composition from felsic to intermediate to basic. All dikes noted have fine grained matrices, the felsic dikes having quartz eyes, and the basic dikes contain feldspar and hornblende phenocrysts. All dikes appear to conform to the two major structural trends. The main felsic dike noted on L8+00N @ 5+50W indicates weak phyllic alteration and is rusty on fractures due to oxidized pyrite.

GEOCHEMISTRY

Silver and copper values in soil were statistically analyzed yielding the following results:

		<u>Cu (ppm)</u>	<u>Ag(ppm)</u>
No. Samples	N-	223	223
Mean	M-	14	.21
Standard Deviation	S-	17	.26

These values resulted in deriving the following anomalous categories:

	<u>Cu (ppm)</u>	<u>Ag(ppm)</u>
Negative	< 14	< .3
Possibly Anomalous	14-31	.3-.4
Probably Anomalous	32-49	.5-.7
Definitely Anomalous	> 49	> .7

The anomalous values are indicated on the accompanying 1:5000 map sheets. Anomalous zones are interpreted by contours of these categories.

Four interpreted anomalous zones are worthy of discussion.

I. L2+00 to L6+00N @ 5+50W. Strong silver values peak at 1.3 ppm, with associated moderate copper values to 58 ppm. A possible trace of the silver anomaly extends to L10+00N. Examination of the anomaly revealed no apparent related mineralization. A rusty and altered felsic dike apparently conforms to the trend of the anomaly, and may be the source of mineralization.

II. L6+00N @ 7+00W and L8+00N @ 9+50W. These peak highs (Cu-153 ppm and Ag-2.1 ppm) may or may not be related, however do fit into a broad weak silver anomaly in this area. The area was not examined by the writer, however Placer notes bornite and malachite in N-S trending dikes in this area.

III. Baseline from 2+00N to 10+00N. Weak to moderate copper values associated with a moderate silver value. This anomaly is probably of little significance, however reflects values from the several small occurrences of copper in this area.

IV. L8+00N & 10+00N @ 3+50E. The strongest copper value (638 ppm) in soil on the property correlates with a high silver value (1.1 ppm). This anomaly directly relates to the chalcopyrite and malachite in a fault breccia on L8+00N, and weakly anomalous (63 ppm) rusty felsic volcanic on L10+00N.

It is interesting to note that the high grade pod of native copper in a quartz/carbonate vein and epidotized wall rock between L6+00N and L8+00N @ 2+50W was not reflected in soil geochemistry. This is probably attributed to the very local nature of this pod of mineralization.

CONCLUSIONS & RECOMMENDATIONS

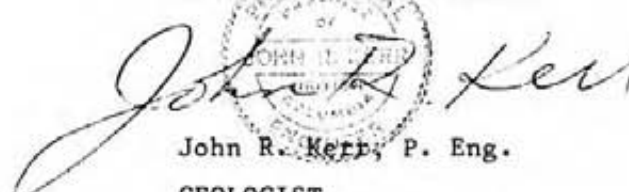
The nature of mineralization on the Bill/Jack claims correlates to the nature of mineralization on the Kelly Creek claims, two kilometers to the north. The current programme did not, however indicate a zone that could possibly reflect the size and grades of the zone as reported on the Kelly Creek deposit.

It is the writer's opinion that mineralization in this area originated from the granodiorite stock to the northwest, and potential size and grade of mineralization is spatially related to a preferred distance from the contact.

The following recommendations are suggested as continued exploration on the claims:

- 1). VLF-EM survey over the entire grid area.
- 2). Detailed soil samples at 100 meter line intervals and at 25 meter intervals in areas of geochemical anomalies.
- 3). Further prospecting and reconnaissance sampling to the north and west towards the granodiorite contact.

Respectfully Submitted by:
EUREKA RESOURCES INC.


John R. Kerr, P. Eng.
GEOLOGIST.

Vancouver, B.C.
July 25, 1984.

APPENDIX A

COST STATEMENT

COST STATEMENT

Zymoetz River Project

Field Work Performed June 17-23, 1984.

Labour:

John R. Kerr, P. Eng.		
5 days @ \$350/day	\$1,750.00	
William Dawson, Sr. Assistant		
7½ days @ \$180/day	1,350.00	
Joel Whist, Jr. Assistant		
6 days @ \$150/day	<u>900.00</u>	
		\$4,000.00

Expenses and Disbursements:

Geochemical Costs		937.40	
Truck Rental			
6 days @ \$35/day	210.00		
780 mi. @ \$.35/mi	<u>273.00</u>		
		483.00	
Car Rental		74.60	
Airfare: Van-Terrace(return)		274.00	
Room & Board & misc. travel		851.67	
Field Equipment, rentals, misc. supplies & freight		199.85	
Report Preparation:			
drafting	410.60		
secretarial	165.00		
map enlargement	43.10		
photocopying,			
printing	<u>74.60</u>		
		<u>693.30</u>	
			<u>3,513.82</u>
TOTAL ESTIMATED COST:			<u>\$7,513.82</u>

APPENDIX B
GEOCHEMICAL DATA

TME ANALYTICAL LABORATORIES LTD.
52 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JUNE 26 1984

DATE REPORT MAILED: *June 27/84*.....

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SM.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
SAMPLE TYPE: P1-6 SOIL P7-ROCK

ASSAYER: *D. J. ...* DEAN TOYE. CERTIFIED B.C. ASSAYER

KERR DAWSON PROJECT # 326 FILE # 84-1272 PAGE 1

SAMPLE#	CU PPM	AG PPM
JACK 18N 11+50W	22	.2
JACK 18N 11+00W	7	.2
JACK 18N 10+50W	55	.2
JACK 18N 10+00W	6	.3
JACK 18N 9+50W	8	.3
JACK 18N 9+00W	7	.4
JACK 18N 8+50W	6	.4
JACK 18N 8+00W	17	1.0
JACK 18N 7+50W	4	.3
JACK 18N 7+00W	22	.2
JACK 18N 6+50W	14	.2
JACK 18N 6+00W	7	.3
JACK 18N 5+50W	6	.3
JACK 18N 5+00W	14	.1
JACK 18N 4+00W	5	.2
JACK 18N 3+50W	13	.4
JACK 18N 0+50W	22	.2
JACK 18N 0+50E	26	.1
JACK 16N 10+50W	15	.1
JACK 16N 10+00W	6	.2
JACK 16N 9+50W	18	.9
JACK 16N 9+00W	8	.1
JACK 16N 8+50W	15	.1
JACK 16N 8+00W	7	.1
JACK 16N 7+50W	6	.1
JACK 16N 7+00W	8	.1
JACK 16N 6+50W	8	.1
JACK 16N 6+00W	11	.3
JACK 16N 5+50W	9	.5
JACK 16N 5+00W	7	.2
JACK 16N 4+00W	7	.3
JACK 16N 3+50W	6	.1
JACK 16N 3+00W	6	.1
JACK 16N 2+00W	11	.2
JACK 16N 1+50W	14	.2
JACK 16N 0+50W	28	.1
JACK 16N 0+50E	10	.1
STD A-1	30	.3

SAMPLE#	CU PPM	AG PPM
JACK 16N 1+00E	12	.2
JACK 16N 1+50E	9	.3
JACK 16N 2+00E	2	.5
JACK 14N 10+00W	34	.1
JACK 14N 9+50W	30	.2
JACK 14N 9+00W	13	.1
JACK 14N 8+50W	3	.1
JACK 14N 8+00W	6	.2
JACK 14N 7+00W	9	.1
JACK 14N 6+50W	6	.1
JACK 14N 6+00W	9	.1
JACK 14N 5+10W	13	.1
JACK 14N 4+50W	6	.1
JACK 14N 3+50W	17	.1
JACK 14N 3+15W	2	.1
JACK 14N 2+50W	7	.2
JACK 14N 1+35W	21	.2
JACK 14N 1+00W	8	.2
JACK 14N 0+50W	8	.2
JACK 14N 0+50E	17	.2
JACK 14N 2+00E	13	.1
JACK 14N 2+50E	39	.1
JACK 12N 10+00W	2	.1
JACK 12N 9+50W	3	.1
JACK 12N 9+00W	14	.6
JACK 12N 8+50W	5	.2
JACK 12N 8+00W	1	.2
JACK 12N 7+50W	5	.1
JACK 12N 7+00W	6	.3
JACK 12N 6+50W	5	.1
JACK 12N 6+00W	3	.1
JACK 12N 5+00W	3	.1
JACK 12N 4+50W	4	.1
JACK 12N 3+50W	3	.1
JACK 12N 3+00W	3	.1
JACK 12N 2+50W	16	.1
JACK 12N 2+00W	5	.1
STD A-1	30	.3

SAMPLE#	CU PPM	AG PPM
JACK 12N 1+50W	4	.1
JACK 12N 0+50E	2	.2
JACK 12N 1+00E	5	.1
JACK 12N 1+50E	29	.1
JACK 12N 2+00E	35	.1
JACK 12N 2+50E	12	.2
JACK 10N 10+00W	8	.2
JACK 10N 9+50W	8	.1
JACK 10N 9+00W	9	.1
JACK 10N 8+50W	6	.1
JACK 10N 8+00W	7	.2
JACK 10N 7+50W	8	.2
JACK 10N 7+00W	6	.1
JACK 10N 6+50W	4	.1
JACK 10N 6+00W	15	1.1
JACK 10N 5+50W	4	.1
JACK 10N 5+00W	1	.1
JACK 10N 4+50W	5	.1
JACK 10N 3+50W	9	.1
JACK 10N 3+00W	5	.3
JACK 10N 2+00W	2	.1
JACK 10N 0+50W	17	.4
JACK 10N 0+50E	35	.1
JACK 10N 2+00E	4	.3
JACK 10N 3+00E	638	1.1
JACK 10N 3+50E	16	.4
JACK 8N 10+00W	7	.2
JACK 8N 9+50W	153	1.7
JACK 8N 9+00W	18	.7
JACK 8N 8+50W	9	.2
JACK 8N 8+00W	5	.3
JACK 8N 7+50W	11	.3
JACK 8N 7+00W	9	.3
JACK 8N 6+50W	10	.1
JACK 8N 6+00W	7	.3
JACK 8N 5+50W	8	.2
JACK 8N 5+00W	8	.1
STD A-1	31	.3

SAMPLE#	CU PPM	AG PPM
JACK 8N 4+50W	17	.1
JACK 8N 4+00W	1	.2
JACK 8N 3+50W	5	.1
JACK 8N 3+00W	1	.1
JACK 8N 2+00W	2	.1
JACK 8N 0+50W	42	.4
JACK 8N 0+50E	5	.1
JACK 8N 1+00E	1	.1
JACK 8N 1+50E	4	.1
JACK 8N 3+50E	161	.1
JACK 8N 6+00E	19	.2
JACK 8N 6+50E	1	.1
JACK 8N 7+50E	15	.1
JACK 6N 10+00W	9	.2
JACK 6N 9+50W	3	.2
JACK 6N 9+00W	9	.2
JACK 6N 8+50W	7	.6
JACK 6N 8+00W	6	.8
JACK 6N 7+50W	1	.1
JACK 6N 7+00W	50	2.1
JACK 6N 6+50W	6	.1
JACK 6N 6+00W	7	.2
JACK 6N 5+50W	33	.8
JACK 6N 5+00W	21	.4
JACK 6N 4+50W	10	.1
JACK 6N 4+00W	4	.1
JACK 6N 3+00W	9	.1
JACK 6N 2+50W	7	.1
JACK 6N 2+00W	7	.5
JACK 6N 1+00W	15	.1
JACK 6N 1+00E	21	.4
JACK 6N 1+50E	10	.1
JACK 6N 2+00E	13	.1
JACK 6N 2+50E	1	.1
JACK 6N 3+50E	17	.1
JACK 6N 7+00E	9	.1
JACK 6N 7+50E	18	.4
STD A-1	30	.3

SAMPLE#	CU PPM	AG PPM
JACK 4N 10+00W	20	.8
JACK 4N 9+50W	4	.4
JACK 4N 9+00W	7	.3
JACK 4N 8+50W	11	.5
JACK 4N 8+00W	1	.4
JACK 4N 7+50W	8	.5
JACK 4N 7+00W	4	.3
JACK 4N 6+50W	6	.5
JACK 4N 6+00W	16	.4
JACK 4N 5+50W	58	2.3
JACK 4N 5+00W	4	.1
JACK 4N 4+00W	4	.2
JACK 4N 3+50W	4	.6
JACK 4N 3+00W	3	.4
JACK 4N 2+50W	27	.7
JACK 4N 2+00W	5	.1
JACK 4N 1+00W	8	.2
JACK 4N 0+50W	20	.9
JACK 4N 1+00E	12	.1
JACK 4N 2+00E	18	.1
JACK 4N 2+50E	10	.2
JACK 4N 3+50E	10	.1
JACK 2N 10+00W	8	.1
JACK 2N 9+50W	15	.6
JACK 2N 9+00W	8	.1
JACK 2N 8+50W	6	.1
JACK 2N 8+00W	20	.2
JACK 2N 7+50W	6	.1
JACK 2N 7+00W	7	.2
JACK 2N 6+00W	10	.1
JACK 2N 5+50W	13	.9
JACK 2N 5+00W	12	1.0
JACK 2N 4+50W	8	.6
JACK 2N 4+00W	4	.1
JACK 2N 2+50W	5	.1
JACK 2N 2+00W	2	.1
JACK 2N 1+50W	2	.2
STD A-1	29	.3

SAMPLE#	CU PPM	AG PPM
JACK 2N 1+00W	5	.1
JACK 2N 1+00E	7	.3
JACK 2N 1+50E	5	.1
JACK 2N 2+00E	7	.3
JACK 2N 3+00E	36	.1
JACK 2N 3+50E	7	.1
JACK 2N 6+00E	13	.4
JACK 2N 8+50E	14	.3
JACK ON 0+50E	17	.8
JACK ON 3+00E	13	.7
JACK ON 3+50E	1	.3
JACK ON 4+50E	12	.2
JACK ON 7+00E	16	.5
JACK ON 7+50E	16	.4
JACK ON 8+00E	13	.5
JACK ON 9+50E	19	.1
JACK ON 10+00E	7	.5
JACK BL 17+50N	74	.3
JACK BL 17+00N	17	.1
JACK BL 16+50N	13	.2
JACK BL 15+50N	29	.1
JACK BL 14+00N	11	.3
JACK BL 13+50N	7	.3
JACK BL 13+00N	32	.2
JACK BL 12+50N	26	.2
JACK BL 12+00N	31	.1
JACK BL 11+50N	12	.1
JACK BL 11+00N	11	.1
JACK BL 10+50N	50	.1
JACK BL 10+00N	28	.2
JACK BL 9+50N	44	.1
JACK BL 7+50N	7	.1
JACK BL 7+00N	8	.1
JACK BL 6+50N	8	.2
JACK BL 5+50N	7	.1
JACK BL 5+00N	6	.1
JACK BL 3+00N	15	.4
JACK BL 1+00N	16	.4
STD A-1	30	.3

SAMPLE#	CU PPM	AG PPM	
Z-1	2	.1	
Z-2	5	.1	
Z-3	835	1.0	<i>chip/1.5m } 5m.</i> <i>chip/3.5m }</i>
Z-4	211	.3	
Z-5	63	.4	
Z-6	2	.1	
Z-7	5	.1	
Z-8	3	.1	
Z-9	17	.1	
Z-10	39	.9	
Z-11	3	.1	
Z-12	8	.1	
Z-13	7481	1.3	<i>chip/0.1m</i>
STD A-1	30	.3	

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JULY 19 1984

DATE REPORT MAILED: *July 23/84*

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH JML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toy* DEAN TOYE. CERTIFIED B.C. ASSAYER

KERR DAWSON PROJECT # 326 FILE # 84-1658A

PAGE 1

SAMPLE#	CU PPM	AG PPM	AU* PPB
Z-14	4	.2	5
Z-15	1	.1	5
Z-16	10	.3	5
Z-17	2798	2.6	5 <i>Chip/2.0m</i>
Z-18	3043	3.5	5 <i>Chip/0.1m</i>
Z-19	49	.1	5
Z-21	14	.1	5
STD S-1/AU-0.5	124	34.1	520

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DATE REPORTS MAILED

July 23/84

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PULVERIZED TO -100 MESH.

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

KERR DAWSON PROJECT# 326 FILE# 84-1658B

PAGE# 1

SAMPLE	CU %	AG OZ/T	AU OZ/T
--------	---------	------------	------------

Z-20	1.24	.05	.001
------	------	-----	------

Chip/0.3m.

APPENDIX C

WRITER'S CERTIFICATE

JOHN R. KERR, P. ENG.


Geological Engineer

#206 - 310 NICOLA STREET • KAMLOOPS, B.C. V2C 2P5 • TELEPHONE (604) 374-0544

C E R T I F I C A T E

I, JOHN R. KERR, OF VANCOUVER, B.C. 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 data as compiled in this report. I am the author of this report which is based on the aforementioned data.
- (6). I am an officer and director of Eureka Resources Inc., and hold a direct interest in the securities of this company.

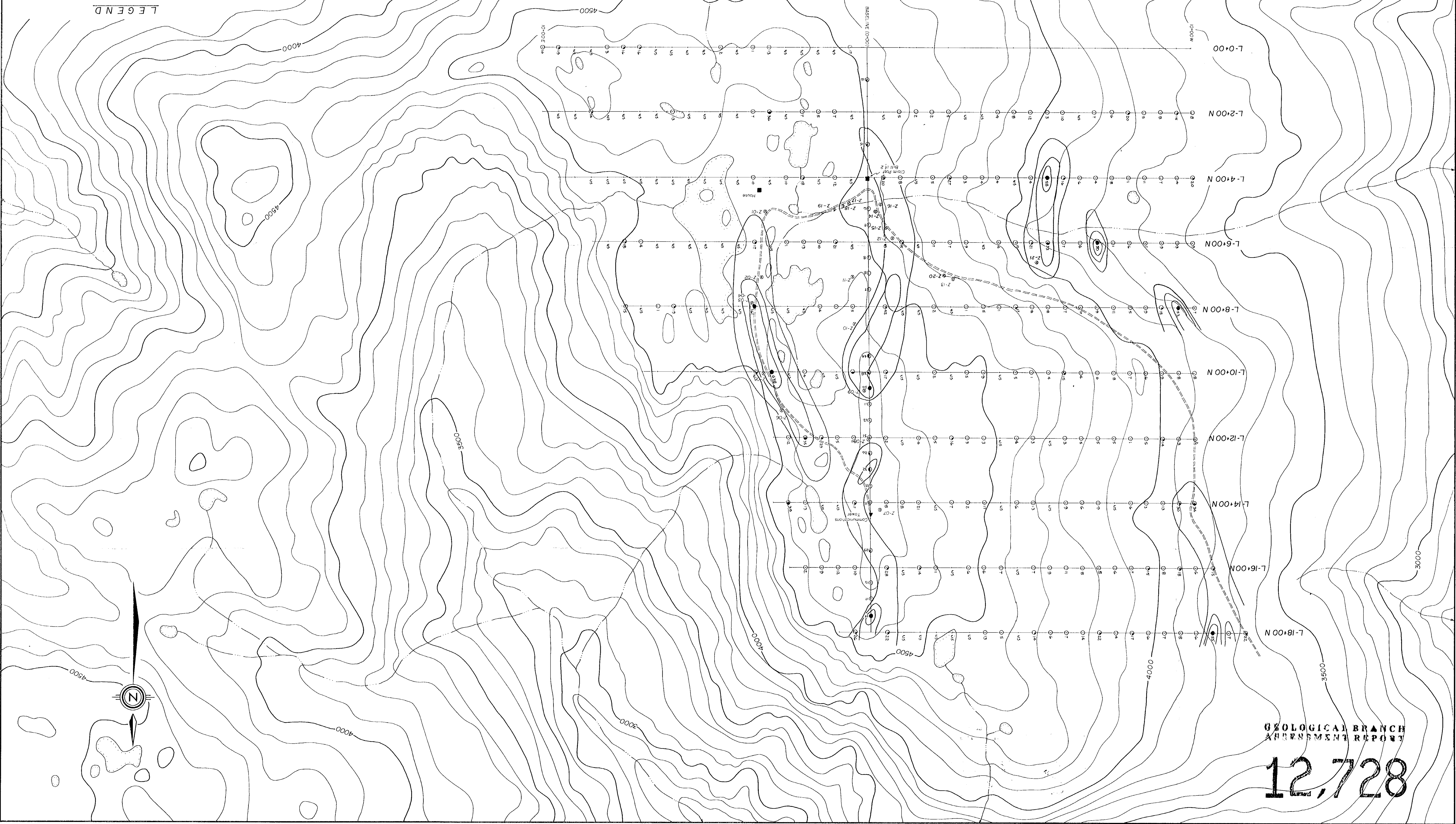

John R. Kerr, P. Eng.

Vancouver, B.C.

July 25, 1984.

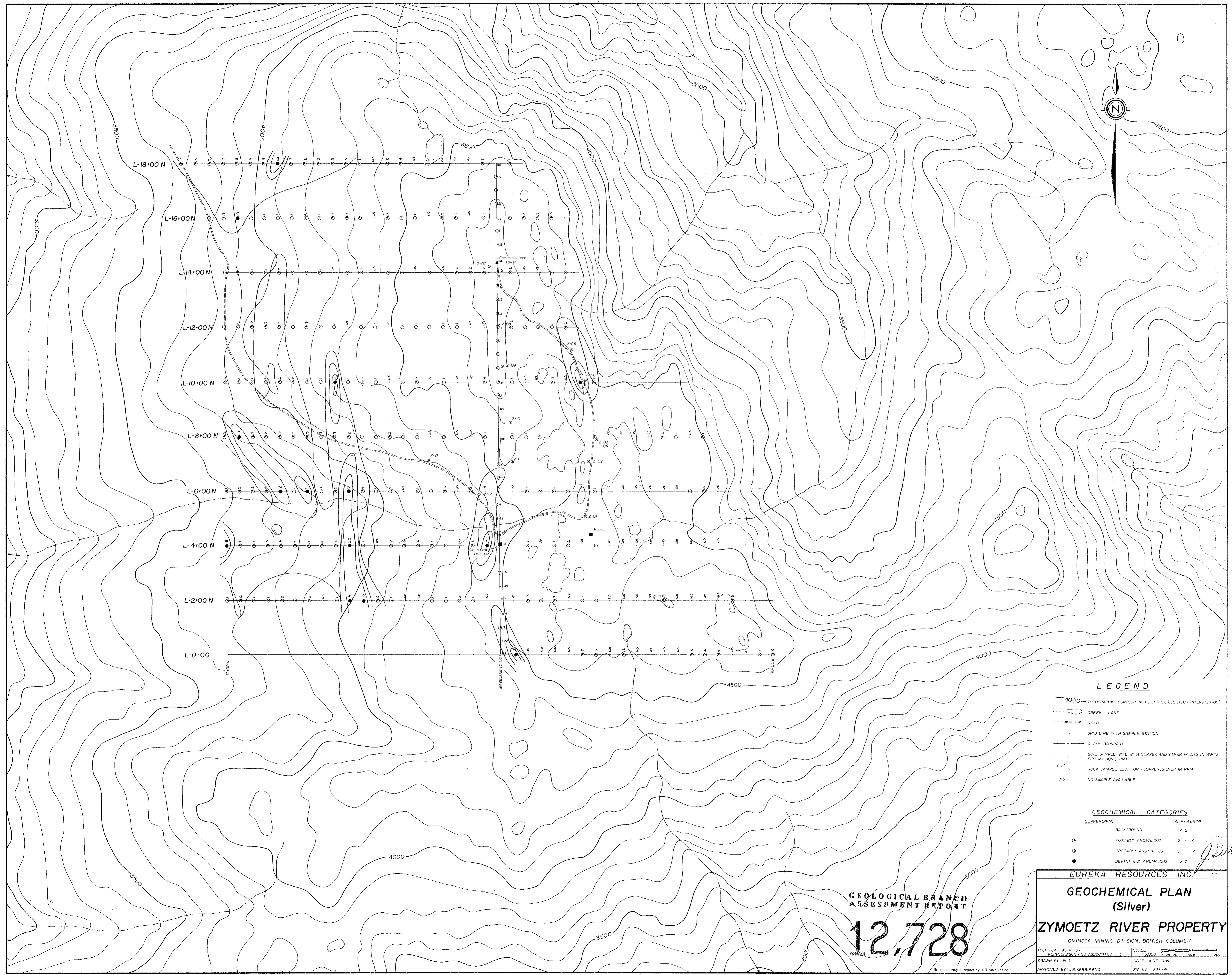
EUREKA RESOURCES INC.
GEOCHEMICAL PLAN
 (Copper)
ZYMOETZ RIVER PROPERTY
 Omineca Mining Division, British Columbia
 TECHNICAL WORK BY
 KENNEDY AND ASSOCIATES LTD.
 SCALE 1:5000
 DATE JUNE 1984
 DRAWN BY W.G.
 APPROVED BY J.R. KERR, P. ENG.
 FIG. NO. 325-3

GEOCHEMICAL CATEGORIES
 (Scale 1:5000)
 < 14 BACKGROUND
 14 - 31 POSSIBLY ANOMALOUS
 32 - 49 PROBABLY ANOMALOUS
 > 49 DEFINITELY ANOMALOUS
 X.S. NO SAMPLE AVAILABLE
 Z-03 ROCK SAMPLE LOCATION - COPPER, SILVER IN PPM
 PER MILLION (PPM)
 SOIL SAMPLE SITE WITH COPPER AND SILVER VALUES IN PARTS
 CLAIM BOUNDARY
 GRID LINE WITH SAMPLE STATION
 ROAD
 CREEK, LAKE
 TOPOGRAPHIC CONTOUR IN FEET (ASL) CONTOUR INTERVAL: 10'
LEGEND



GEOLOGICAL BRANCH
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12,728



LEGEND

- 4000 — TOPOGRAPHIC CONTOUR IN FEET (ASL) CONTOUR INTERVAL = 100'
- ← CREEK, LAKE
- == ROAD
- GRID LINE WITH SAMPLE STATION
- CLAIM BOUNDARY
- SOIL SAMPLE SITE WITH COPPER AND SILVER VALUES IN PARTS PER MILLION (PPM)
- 2-03 * ROCK SAMPLE LOCATION - COPPER, SILVER IN PPM
- * NO SAMPLE AVAILABLE

GEOCHEMICAL CATEGORIES

COPPER (PPM)	SILVER (PPM)
BACKGROUND	< 2
POSSIBLY ANOMALOUS	2 - 4
PROBABLY ANOMALOUS	5 - 7
DEFINITELY ANOMALOUS	> 7

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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EUREKA RESOURCES INC.
GEOCHEMICAL PLAN (Silver)
ZYMOETZ RIVER PROPERTY
 Omineca Mining Division, British Columbia

TECHNICAL WORK BY: KERR, DAWSON AND ASSOCIATES LTD. SCALE: 1:5,000
 DRAWN BY: W.G. DATE: JUNE, 1994
 APPROVED BY: J.R. KERR, P.ENG. FIG NO: 326-4