

G E O C H E M I C A L R E P O R T

- on the -

M A C & K A Y C L A I M S

CARIBOO MINING DIV.

- for -

EUREKA RESOURCES INC.
837 East Cordova Street
Vancouver, B.C.
V6A 3R2

Work Performed: July 4 - October 17 1985

Location: 100 km. east of Wi
52°19'N, 120°37'W
NTS 93A/7E

Prepared by:

14022
MAY 2
2

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GEOLOGICAL BRANCH
 ASSESSMENT REPORT

14,022

PART 2 OF 2

L I S T O F M A P S

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I N T R O D U C T I O N

General Statement

From 1980 to 1984 a gold bearing zone was established over 1 1/2 km. length by diamond drilling and indicated to exist over a 5 km. length by geochemical methods.

During 1985 Eureka completed a \$31,112 geochemical programme, establishing the full extent of the gold bearing zone.

This report details the results of this geochemical programme.

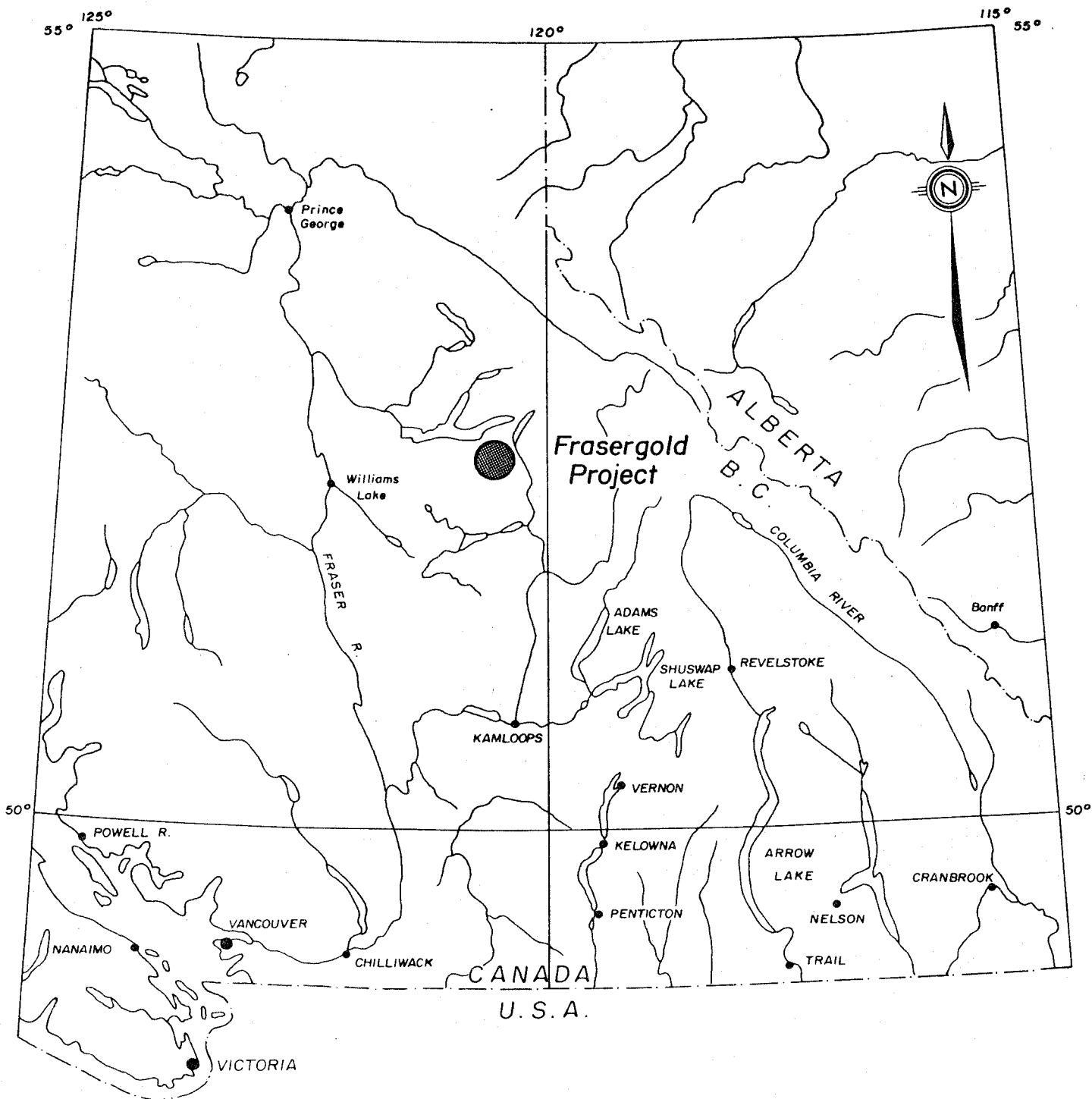
Location and Access:

The Frasersgold Property is located in the central Cariboo area of British Columbia, 100 km. east of Williams Lake. The claims straddle the McKay River Valley, with geographic coordinates of the centre of the claims 52°19'N and 120°37'W (NTS 93A/7E).

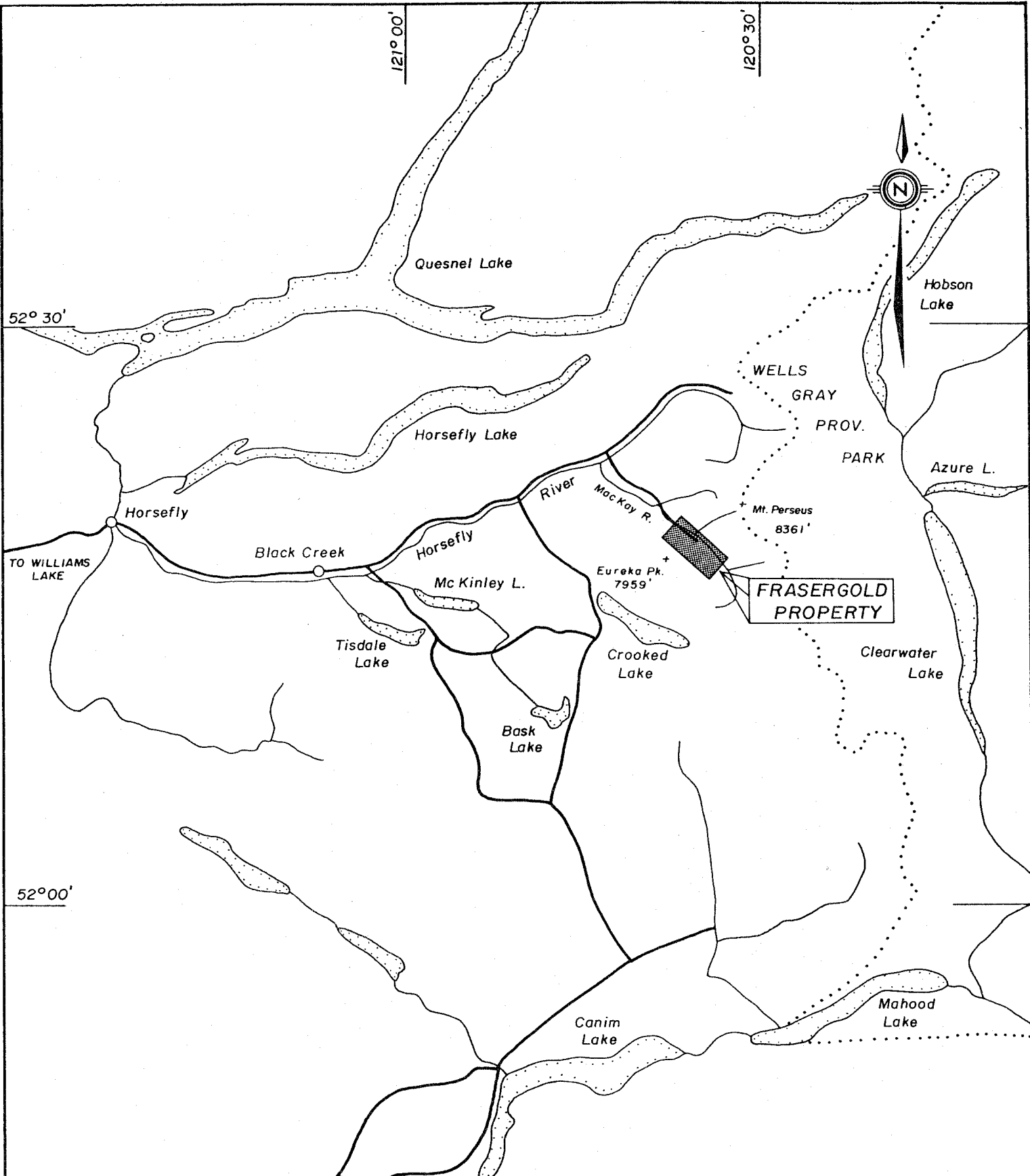
Access to the property is best gained from Williams Lake along the Horsefly highway, 55 km., and thence east along a network of gravel logging roads an additional 55 km. Good logging and access roads exist in most portions of the northwest 6 km. length of the claim block. A four-wheel-drive access road provides limited access an additional 2 1/2 km. to the southeast. The south-eastern portion of the claims is accessible only on foot or by helicopter.

Topography and Vegetation

The property covers a portion of the West flank of the Cariboo Mountain Range. The claims straddle the McKay River, principally on its southwest side. Topography is regarded as moderate in the northwest portion, becoming very steep to the southeast at the headwaters of the McKay River. Relief exceeds 1,000 meters, rising to over 2,250 m. (asl) in the southeast portion of the claims.



EUREKA RESOURCES INC.		
LOCATION MAP		
FRASERGOLD PROJECT		
CARIBOO MINING DIVISION, B. C.		
Technical Work By:	Scale: 1:2,500,000 (1cm=25km)	
Date: Nov., 1985	Drawn By: W.G.	Fig.No: 1



EUREKA RESOURCES INC.
 FRASERGOLD PROJECT
 CARIBOO MINING DIVISION, B. C.
REGIONAL LOCATION MAP

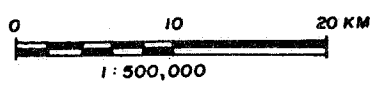


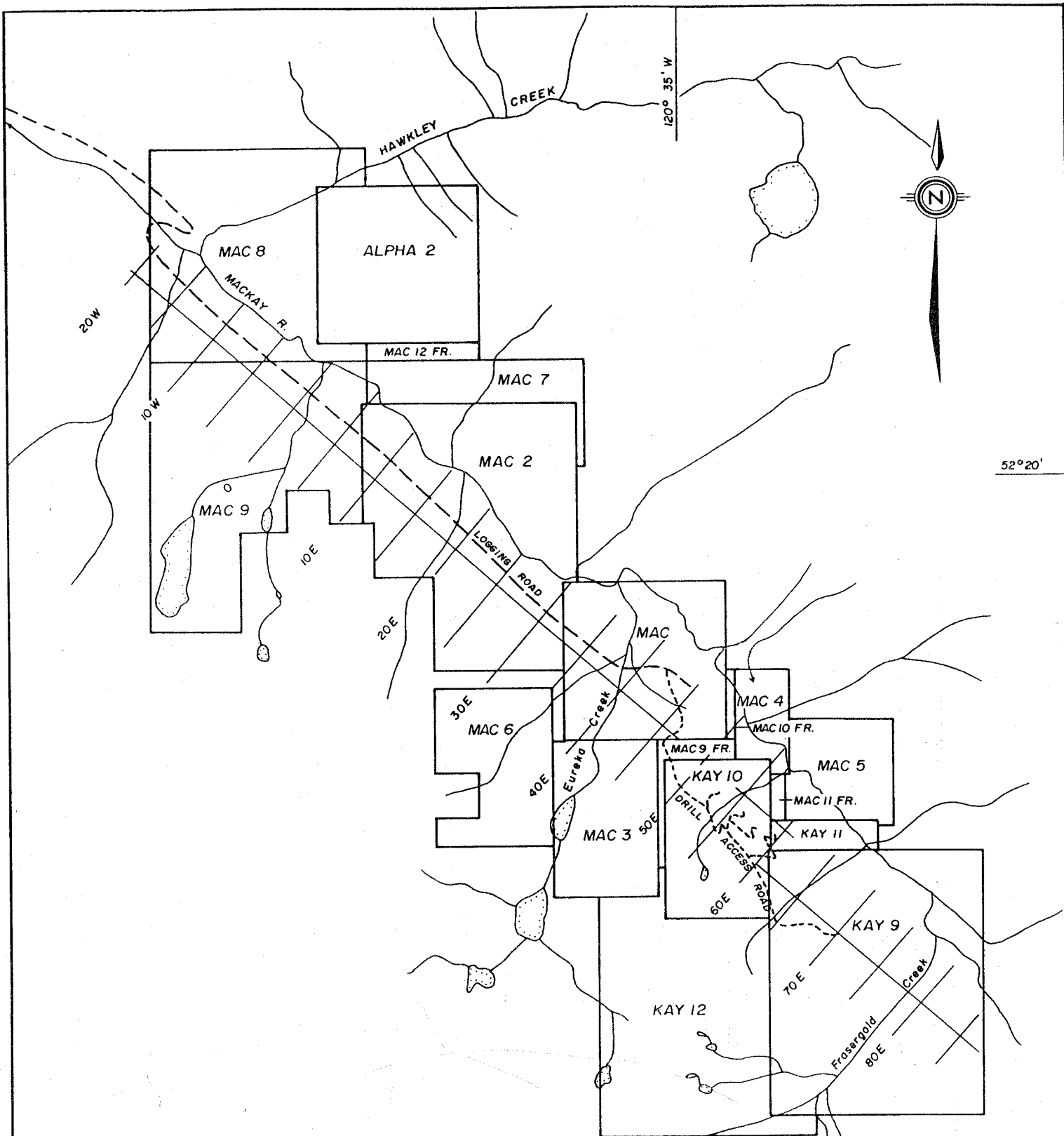
FIGURE 2

Vegetation along the lower reaches of the McKay River Valley consists primarily of good commercial stands of spruce and balsam, with thick underbrush. Forest cover becomes lighter about 1,600 m. elevation, and at 1,800 m.(asl) alpine to sub-alpine vegetation exists. A large portion of the northwest half of the property has been logged, with limited logging activity prevalent in the area.

Property

The property consists of 26 mineral claims (163 units), all located and recorded under acceptable standards of the mining laws within the Province of British Columbia. Fourteen claims are located by MGS methods, eight are two-post claims and four are fractional claims. Assessment work has been filed on all claims, which are currently in good standing until 1989 - 1992. The following details the legal description and expiry date of each claim:

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
EUREKA NORTH GROUP - 90 UNITS			
Mac	9	1286	Oct. 19, 1991
Mac 2	20	2078	Oct. 22, 1990
Mac 7	8	6249	July 27, 1990
Mac 8	16	6250	July 27, 1990
Mac 9	20	6251	July 27, 1990
Mac 9Fr.	1	6204	July 16, 1990
Mac 12Fr.	1	6253	July 27, 1990
Kay 10	6	1961	Sept.25, 1992
Alpha 2	9	5159	Sept.23, 1989
EUREKA SOUTH GROUP - 73 UNITS			
Kay 1 - 8	8	1182/89	Sept. 4, 1990
Kay 9	20	1810	Aug. 11, 1992
Kay 11	2	1962	Sept.25, 1990
Kay 12	20	4631	Jan. 26, 1992
Mac 3	6	3074	Dec. 23, 1991
Mac 4	2	3075	Dec. 23, 1990
Mac 5	4	6248	July 27, 1990
Mac 6	9	3077	Dec. 23, 1991
Mac 10Fr.	1	6231	July 19, 1990
Mac 11Fr.	1	6252	July 27, 1991



John R. Kerr
 PROFESSIONAL ENGINEER
 PROVINCE OF BRITISH COLUMBIA

EUREKA RESOURCES INC.
 FRASERGOLD PROJECT
 CARIBOO MINING DIVISION, B. C.

INDEX MAP

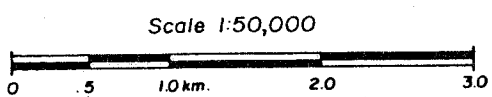


FIGURE 3

All claims are recorded in the name of Eureka Resources Inc. All original claims have been transferred from the vendor, Clifford E. Gunn, and all claims located by Amoco have been transferred to Eureka, on termination of their agreement.

The legal corner posts of all claims have been accurately surveyed, to legal survey standards, by McEllaney Associates Ltd. of Vancouver. The results of this survey are shown on Figure 3. To acquire full legal survey status, the perimeter of all claims must be surveyed.

History

Prior to Mr. Gunn's active prospecting in the area in the late 1970's, the only documented mineral exploration on the claims was limited testing of the placer potential on Frasergold Creek in the early 1900's.

A large exploration and development programme was completed on the adjacent Eureka Peak property in the 1960's, attempting to delineate porphyry copper reserves. This work was completed by Amax and Rio Tinto. This property is now controlled by Union Miniere.

R E C E N T W O R K P R O G R A M M E S

- 1978 - 1979 Prospecting by Cliff Gunn, and subsequent staking of Alpha, Mac and Kay 1-8 mineral claims.
- 1980 - 1982 Option to Keron Holdings Ltd., and NCL Resources Ltd. Location of Kay 9-12 and Mac 2-9 claims, and preliminary geochemistry (3000 soils and 150 rockchips) over the entire claim block. The property was geologically mapped on a scale of 1:10,000. Deep soil profiles were collected to study the nature of gold in soil (250 samples).
- 1983 The property was vended to Eureka Resources Inc., and subsequently optioned to Amoco Canada Petroleum Co. Ltd.
- A five-hole diamond drill programme totalling 1,644 meters was completed over a 0.8 km. length of the target zone. In addition 7 km. of drill access roads and 1.2 km. of hand trenches exposed bedrock and were rock sampled at 1.5 - 3.0 meter intervals, totalling 1,070 rock samples. In addition, 820 detailed soil samples were collected, and limited electromagnetic and magnetic surveys completed.
- 1984 Amoco completed nine diamond drill holes (2,875 meters) extending the drilled strike length of the target zone to 1.5 km. An additional 1950 soil samples and 190 rock samples were collected from other areas within the claim block. A claim survey (to legal claim standards) was completed, tying in all legal claim post locations.
- 43 samples of drill core were submitted to Lakefield Research Ltd. in Toronto, Ont. for preliminary metallurgical testing and total gold analysis.

1985

Amoco terminated option.

Eureka completed geochemical programme over northwest portion of claims, collecting 1,020 soil samples. Overburden trenching was completed in areas of deep overburden with a Caterpillar 225 Excavator. It was hoped to expose bedrock, however trenches up to 10 meters deep failed to do so. An additional 65 soils 9 rock chips were collected from the bottom of these trenches.

Six lines (6 km.) of test I.P. survey were completed, three over the known mineralized zone and three over the area of deep overburden to the northwest. Three bulk-samples of mineralized rock were collected from surface showings, each sample weighing 500-700 kg. for total gold analysis and metallurgical testing by Coastech Research Ltd. in Vancouver.

In summary, the following work has been performed on the Frasergold project to date:

Diamond Drilling	14 holes (4,519 m.)
Road Access	7 km.
Soil Samples	7,040
Rock Chip Samples	1,420
EM & Magnetic Surveys	20 km.
I.P. Survey	6 km.
Drill Core Assays	>3,600 (estimate)
Bulk Samples	2 tonnes (3)
Claim Survey	26 claims

The cost of completing the above work is estimated to have been \$1,150,000.

G E O L O G Y

Regional Geology

Gold at Frasergold is confined to a basal sedimentary unit of the Triassic Takla volcanic/sedimentary Assemblage of the Intermontane Belt of rocks of Central British Columbia. The property is associated with a major, unique synform structural feature, which has protruded into the Palaeozoic sedimentary rocks of the Omineca belt to the east.

Property Geology

The claim block is dominantly underlain by the basal Triassic sedimentary package of the Takla Assemblage. Regional metamorphism has graded the original mudstone or siltstone to a dark grey/black, fissile and carbonaceous phyllite. The foliation of the phyllite is in general conformable to the original sediments, however local variations due to drag-folding, indicates deviations up to 90° to this conformability. The general trend of the sediments and foliation is:

Strike - 130°
Dip - 50° S.W.

Thickness of the sediments is 1500 - 1800 m.

The phyllite has been divided into four distinct units:

1) Black-banded, graphitic phyllite

Foliation and original bedding planes are very distinct within this rock unit. Black, graphitic smears are common along the foliation planes. Original grain size of the sediments are of mud-silt grain size, however thin sandsized horizons are common.

2) Dark grey knotted phyllite

Surface weathering gives this rock unit a distinct brown mottling texture. In fresh rock, the texture is recognized, however is not as easily distinguished. The knots are believed to be porphyroblastic, a product of regional metamorphism, and have been identified as an iron-rich carbonate (siderite/ankerite). The knots are elongated with the foliation planes and vary in diameter from 2 mm. - 2 cm. The original bedding features are not as discernible as in the black banded phyllite. The unit is approximately 200 meters thick and is located in the central portion of the sedimentary unit.

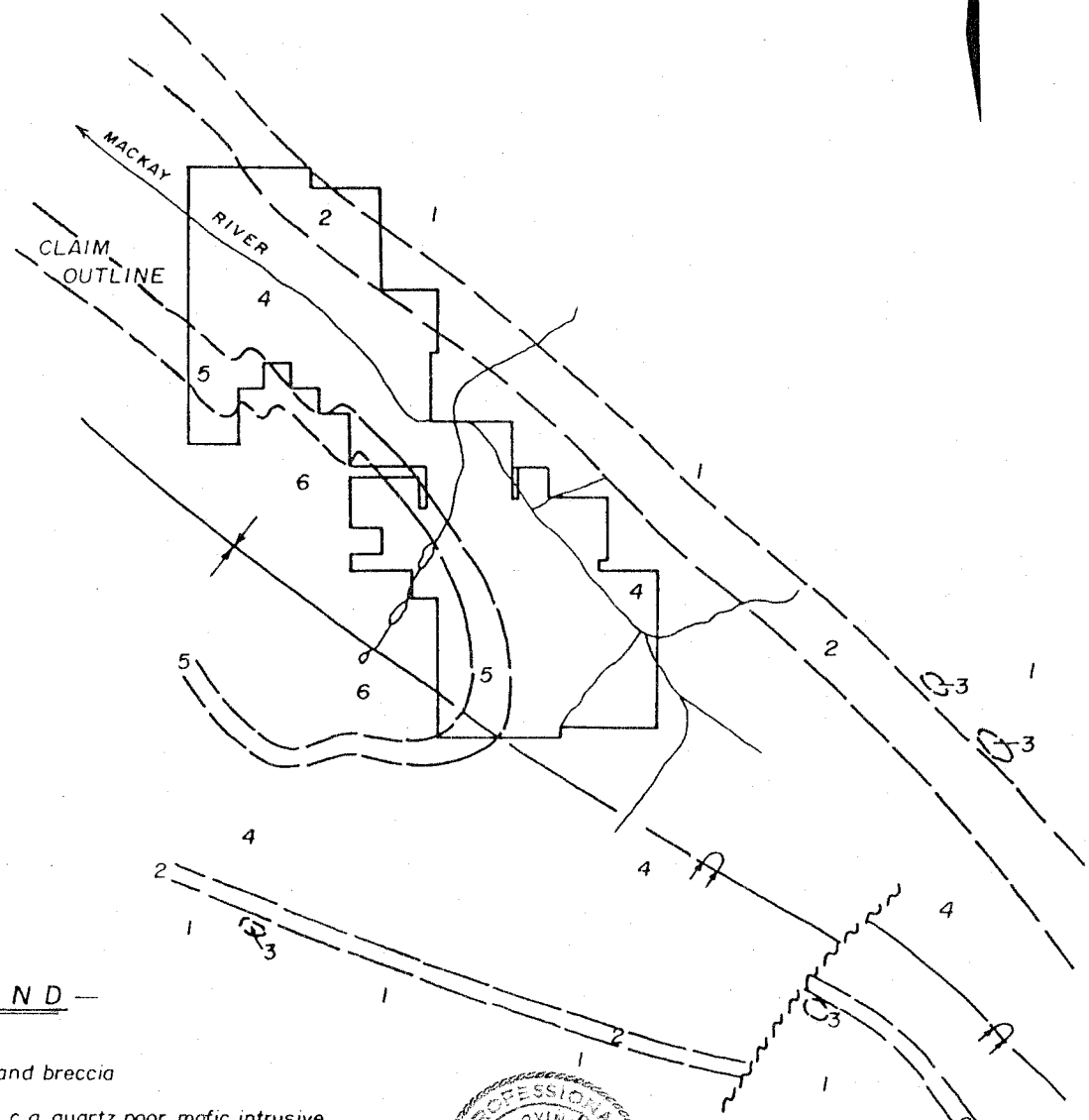
3) Calcareous banded phyllite

In hand specimen, this unit is not easily distinguished from the black banded phyllite, however is generally of lighter grey colour. The rock has a relatively significant content of calcite, and reacts to acid. The calcareous sediments occur as irregular horizons over thicknesses of 30-50 meters.

4) Light grey siliceous sediment

Distinguished from other sediments by light grey colour and coarse sandy texture. Thin sections have identified the rock to have originally been a quartz-rich sandstone or quartzite, and has eliminated the possibility of having volcanogenic origin (chert). The original bedding features are distinct, however foliation is not as well developed. The main horizons occur as erratic lenses with thicknesses ranging 1 - 25 meters.

Overlying the sedimentary package are the Takla volcanic rocks, the dominant rock type of the Triassic Omineca Belt. At the contact of the sediments and volcanics is a relatively coarse-grained basic to ultrabasic horizon, occasionally altered to serpentine. Intruding the volcanics are small stocks of medium grained syenite to diorite. It is within altered phases of these rocks that porphyry copper (gold) mineralization occurs.



— LEGEND —

UPPER TRIASSIC

- 6 Basic volcanic tuff and breccia
- 5 MAFIC SILL UNIT : c.g. quartz poor mafic intrusive
- 4 BLACK PHYLLITE : Sediments, lesser volcanics

PERMIAN TO MIDDLE TRIASSIC

- 3 Ultramafics

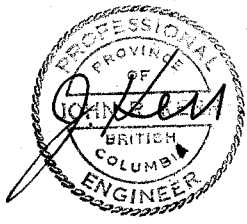
UPPER PALEOZOIC

- 2 SLIDE MT. GP. : Volcanics, sediments

HADRYNIAN

- 1 KAZA GP. : Metasediments

- Geologic contact
- Fold axis
- Synclinal axis : fold upright, overturned



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GENERAL GEOLOGY

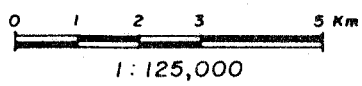


FIGURE 4

The basement of the sedimentary package is underlain by an irregular horizon of the late Palaeozoic very basic Slide Mountain volcanic rocks. This unit varies in thickness up to 500 meters.

The McKay River approximated the lineal suture of the Omineca Crystalline Belt and the Intermontane Belt. Rocks on the northeast side of the river are dominantly Palaeozoic sediments of advanced metamorphic grade. Along the main suture are small stocks of ultrabasic nature.

Structures and Quartz Veining

The Frasersgold property is located on the northeast limb of the Eureka synformal structure. This synform has all the features of a normal syncline, however evidence has suggested it has formed from regional thrusting.

Regional metamorphism features are very conformable to the original bedding. A major structural lineament, evidenced by the mineralized quartz veins and minor shearing, is conformable with the metamorphic fabric. This could be an expression of a bedding fault due to regional folding, thrust forces or plate tectonics.

Three periods of quartz veining are apparent:

- 1) Small lenticular quartz veinlets 0.5 - 10 cm. wide conformable with original bedding planes. These veins are generally pure quartz, and are believed not to be mineralized.
- 2) Massive lenses, pods and veins of quartz 0.1 - 2 m. thick, and are conformable to metamorphic trends.

Secondary carbonate growths (siderite and ankerite) and sheared carbonaceous material are common along the selvages of veins. The veins are frequently mineralized with pyrite, pyrrhotite, sphalerite, galena, chalcopyrite and free gold.

- 3) The latest phase of quartz veins cross-cut all trends, and are generally non-mineralized white bull quartz veins up to 5 meters thick.

Cross-cutting faults have been interpreted to offset the mineralized zone. These faults have not been identified in the field, the interpretation based mainly on geochemistry, however are suspected on Frasergold and Eureka Creek, and at L 24+00E and L 68+00E on the reference grid.

Mineralization

Gold at Frasergold is classified as a remobilized syngenetic gold deposit. The nature of the original gold is certainly in doubt, however is likely of a distal volcanic source, or plausibly a detrital placer accumulation. The primary syngenetic gold is evidenced in many drill intersections and rock outcrop where no quartz veins were intersected (DDH#11 259-285m.). The accumulation of gold is believed to occur at the lower contact of the black banded phyllite and the knotted phyllite.

Regional metamorphism has caused the gold to go into solution, remobilize and be redeposited with quartz and carbonate pods, lenses and veins along the major conformable zone of structural weakness. The source of the carbonate and quartz has been postulated to also have derived from the sediments. The gold was deposited as coarse particles, very irregularly distributed throughout the veins, a sign of a low temperature, slow cooling environment.

G E O C H E M I C A L P R O G R A M M E 1 9 8 5

Results of soil sampling by Amoco Canada Petroleum Co. Ltd. in 1984 at the northwest end of the claim block was indicative that the main geochemical anomaly projected northwest in areas of deep valley fill of the McKay River.

Detailed grid lines at 100 meter intervals were established between Amoco's Main Grid, Road Grid and Silver Grid, with sample stations marked at 25 meter intervals. Lines at the orthwest end of the grid were extended to the northeast, to cover possible extension of the anomaly on the north side of the McKay River. 25 meter stations were established on old grids, where sampling had previously been completed at 50 meter intervals. All grid lines were established by compass and chain/hip-chain methods.

The baseline of all grids at Frasergold have utilized the original 1981 reference line established by Keron Holdings Ltd. That portion of the grid between L5+00E and L35+00E is logged, and the original 1981 reference line is impossible to follow. The grid work by Amoco (1984) and Eureka (1985) established new baselines in this logged area. The tying in of these baselines at 10+00E was out by 150 meters in a N-S direction and 50 meters in an E-W direction. The correction for these coordinate off-sets are displayed on Figure.5

Soil samples were collected at 25 meter intervals on lines over the projection of the mineralized zone and at 50 meter intervals in other areas of the grid. Soils were obtained immediately below the organic horizon, attempting to collect "B" horizon samples. The nature of soils over most of the sampled area was poorly developed horizons in deep vally fill, therefore the ability to collect a good quality "B" horizon soil was erratic.

Soils were placed in brown Kraft envelopes and shipped to Min-En Laboratories in North Vancouver, B.C. for geochemical gold determination. The samples were dried and sieved to -80 mesh. A 5-10 gm. portion of the -80 mesh fraction are pretreated with HNO₃ and HClO₄, and then digested with Aqua Regia. Further oxidation and treatment of the sample solution are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

The gold is analyzed by Atomic Absorption methods to a detection limit of 5ppb. Results are included as Appendix B.

The results of all samples were plotted on the attached 1:5000 scale grid plan (Figure 5). Sample results collected by Amoco (1984) are also plotted on this plan for interpretive purposes.

G E O C H E M I C A L I N T E R P R E T A T I O N

As analysis of approximately 40% of the 1020 samples collected was 5 ppb Au, the lowest detection limit, a normal statistical frequency model could not be expected. The arithmetic mean of all samples is 23.6 ppb Au, therefore the anomalous threshold was established at 25 ppb. As erratic high values up to 730 ppb Au were used to determine the mean, this threshold may, in fact, be lower.

The anomalous categories were selected as follows:

0 - 20 ppb Au	Negative
25 - 50 ppb Au	Possibly Anomalous
55 - 150 ppb Au	Probably Anomalous
> 150 ppb Au	Definitely Anomalous

These anomalous classifications are displayed accordingly on Figure 5.

The values were contoured according to anomalous classifications.

Interpretations of results confirmed continuity of the geochemical anomaly from L40+00E to L8+00W (4.8 km.). This expresses an extension of the main anomaly over the known mineralized zone, which has been established from previous surveys (1983/84) to exist from L40+00E to the southeast corner of the claims ~L90+00E.

Drilling has confirmed the presence of gold mineralization over significant widths in all 14 holes drilled to date between L52+00E & L67+00E (1.5 km.). Geochemistry now indicates the mineralized zone to be in excess of 10 km.

Two significant geochemical features are apparent from interpretation of the results.

- 1) In the vicinity of L23-24+00E, the western extension of the anomaly has an apparent displacement of 200-300 meters to the south. This displacement has been confirmed by induced polarisation on L24+00E and has subsequently been interpreted as a cross-cutting fault.
- 2) A southwest trending appendage extends from the main anomaly between L25+00E and 30+00E over a length of 1000 meters. The cause of this anomaly is not known, however provides an excellent target for future exploration and drilling.

TRENCH SAMPLING

A Caterpillar 225 Excavator was hired from Williams Lake, B.C. to complete a trenching programme in areas of interpreted geochemical anomalies from the surface soil sampling programme. The machine is capable of digging to depths of 6 meters (20 ft.), the obvious intention of the programme to expose bedrock. Bedrock was not exposed in any one trench.

An attempt to go deeper than the excavator limits was accomplished at two locations by digging 3 meter deep pits for the excavator and then digging an additional 6 meters. This proved to be an uneconomic use of the excavator, and as bedrock was not encountered, the method was discontinued.

As it became obvious that overburden depths exceeded 9 meters, and bedrock was not going to be exposed, the programme became a deep overburden sampling programme. To cover more area, the excavator dug a series of pits, rather than a continuous trench. Soil samples were collected from the floor of the trenches and pits.

Two over burden environments were encountered in the survey area:

- I. L 22+00E to L35+00E. Deep valley fill 6 - 10 meters deep consisting of silt, sand, pebbles and boulders. Fragments identified were dominantly of volcanic origin, suggesting a normal down hill accumulation of the fill from the volcanic source to the south. On L24+00E, an old river channel (sand) was encountered. Panning, and subsequent analysis of this material, did not reveal any indication of placer gold accumulation. Soil horizons are poorly developed, the B. horizon being intermixed with organic material from above, and valley fill from below.

II L10+00W to L22+00E. Valley fill, as above, in excess of 10 meters, including a 3-5 meter thick layer of black, carbonaceous clay. The clay is semi-consolidated and difficult to dig. Small angular fragments of black/grey phyllite and quartz are the dominant constituent of the clay. Penetration of the clay layer was accomplished at only one location, and was underlain unconsolidated fill. As above, soil horizons are poorly developed.

A total of 66 soil samples were collected from the floor of all trenches (pits). As physical access into these pits was dangerous soils were collected with the bucket. Samples were submitted to Min-En Laboratories for gold analysis.

All samples were dried and sieved, the -80 mesh fraction analyzed for gold as a normal soil sample. The +80 mesh fractions were treated as rock-chip samples, being ground and analyzed for gold.

The geochemical results are included with this report as Appendix B. Trenches 1 - 7, 9 & 10 all displayed with gold content of the -80 mesh fraction as Appendix C. Location of Trenches 8 and 11 - 17 are shown on the main geochemical plan (Figure 5), however only consist of one or two samples, the values shown in Appendix B.

The following conclusions can be made from the results of the deep overburden sampling:

1. Analysis of the coarse fraction of the samples (+80 mesh) could not duplicate anomalous values of the minus 80 mesh fraction. Two examples of this are as follows:

	-80 Mesh	+80 Mesh
T1 - 06	205 ppb Au	15 ppb Au
T3 - 03	1250 ppb Au	45 ppb Au

This substantiates that gold disperses chemically in overburden.

2. The layer of clay between L10+00W and L20+00E provides a semi-impervious layer for gold dispersion. A good portion of the gold remains in overburden below the clay, penetrating to surface 300 - 500 meters downslope and thus provides the erratic high anomalies in this area of the grid. An expression of the bedrock source, however, can be interpreted.

3. The strong anomalous values at depths of 3-6 meters between L20+00E and 35+00E correspond well with the location of anomalous values from surface samples, and thus confirms an upward chemical dispersion of gold in deep overburden.

C O N C L U S I O N S A N D R E C O M M E N D A T I O N S

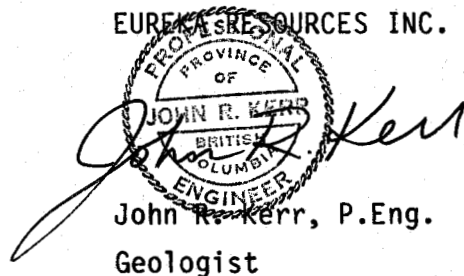
The geochemical programme has confirmed the presence of the gold bearing horizon to extend to the northwest in areas of deep overburden from L40+00E to L8+00W. Test induced polarisation surveys have indicated a positive response over the known mineralized zone (L50+00E to L60+00E), and should prove to be a useful tool to detail the location of the zone in deep overburden.

Recommendations for further work include:

1. Continued I.P. Surveys in areas of deep overburden:
2. Diamond drilling at regular intervals along the full 10 km. strike length of the zone.

Respectfully Submitted by:

EUREKA RESOURCES INC.

The seal is circular with a double-line border. The outer ring contains the text 'PROFESSIONAL ENGINEER' at the top and 'BRITISH COLUMBIA' at the bottom. The inner circle contains the text 'PROVINCE OF' at the top and 'JOHN R. KERR' in the center. A handwritten signature 'John R. Kerr' is written across the seal.

John R. Kerr, P.Eng.
Geologist

A P P E N D I X A

COST STATEMENT

C O S T S T A T E M E N T

GEOCHEMICAL SURVEY

FRASERGOLD PROPERTY: MAC/KAY CLAIMS, CARIBOO M.D.

Geochemical Survey July 4 - 20, 1985

LABOUR:

D.A. Leishman, Geologist: 15 days @ \$280.00/day	4,200.00	
J.R. Kerr, P.Eng.: 4 days @ \$300.00/day	1,200.00	
B. Cross, Sr. Assistant: 14 days @ \$125.00/day	1,750.00	
J. Fisher, Assistant 12 days @ \$100.00/day	<u>1,200.00</u>	
		8,350.00

Geochemical Analysis	5,202.00	
Room & Board: 45 mandays @ \$37.00/man/day	1,665.00	
Transportation (vehicle rental)	963.00	
Equipment Rental	250.00	
Purchase supplies, freight, misc.	<u>164.00</u>	

16,894.00

Deep Overburden Sampling - August 13 - 20, 1985

LABOUR:

D.A. Leishman, Geologist: 6 days @ \$280.00/day	1,680.00	
J.R. Kerr, P.Eng.: 5 days @ \$300.00/day	1,500.00	
J. Fisher, Assistant: 6 days @ \$100.00/day	<u>600.00</u>	
		3,780.00

Excavator Rental (Caterpillar 225)		
47 hrs. @ \$100.00/hr.	4,700.00	
Mobilization	<u>500.00</u>	
		5,200.00

Geochemical Analysis	989.00	
Room & Board 24 man days @ \$37.00/man/day	888.00	
Transportation (vehicle rental)	567.00	
Purchase supplies, freight, misc.	<u>182.00</u>	

11,606.00

Compilation of Data & Report - October 1-19, 1985

J.R. Kerr, P.Eng.: 6 1/2 days @ \$300.00/day	1,950.00	
D.A. Leishman, Geologist: 1 day @ \$280.00/day	280.00	
Drafting	300.00	
Printing & Photocopying	<u>82.00</u>	

2,612.00

T O T A L

31,112.00

=====

A P P E N D I X B

GEOCHEMICAL DATA

MIN-EN Laboratories Ltd.
 Specialists in Mineral Environments
 705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT:
 ATTENTION: JOHN KERR

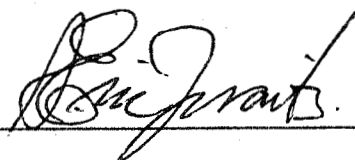
FILE: 5-337/P1
 DATE: JULY 20/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PFB
L39E-0+25N	5
0+50N	15
0+75N	10
1+00N	35
1+25N	35
1+50N	5
1+75N	280
2+00N	35
2+25N	25
2+50N	45
2+90N	20
3+50N	10
4+00N	10
4+50N	5
5+00N	5
5+50N	10
6+00N	20
6+50N	5
7+00N	5
7+50N	5
L39E-8+00N	10
L39E-0+50N	5
0+75N	5
1+00N	5
1+25N	30
1+50N	5
1+75N	25
2+25N	10
2+50N	75
L38E-3+00N	5

SAMPLE L39E-8+50N IS MISSING.

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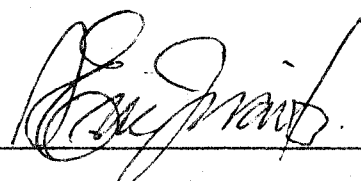
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
PROJECT:
ATTENTION: JOHN KERR

FILE: 5-337/P2
DATE: JULY 19/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
38E-3+50N	5
4+00N	5
4+50N	10
5+00N	15
5+50N	10
6+00N	40
6+50N	5
7+00N	5
38E-7+50N	5
37E-0+00N	65
0+25N	10
0+50N	45
0+75N	100
1+00N	5
1+25N	255
1+50N	5
1+75N	20
2+00N	20
2+25N	35
2+75N	10
3+00N	50
3+50N	45
4+00N	5
4+50N	15
5+00N	25
5+50N	5
6+00N	25
6+50N	60
7+00N	5
37E-7+40N	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P3

PROJECT:

DATE: JULY 19/85.

ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
37E-0+25S	50
0+50S	80
0+75S	40
1+00S	50
1+25S	30
1+50S	70
1+75S	5
2+00S	5
2+25S	5
2+50S	3
3+00S	5
3+50S	5
37E-4+00S	5
36E-0+00	5
0+25N	10
0+50N	5
0+75N	30
1+00N	5
1+25N	125
1+50N	10
1+75N	10
2+00N	70
2+25N	10
2+50N	10
2+75N	10
3+00N	5
3+50N	30
4+00N	5
4+50N	60
36E-5+00N	10

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P4

PROJECT:

DATE: JULY 19/85.

ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPM
36E-5+50N	35
6+00N	5
6+50N	5
36E-0+25S	5
0+50S	5
0+75S	40
1+00S	10
1+25S	5
1+50S	60
1+75S	5
2+00S	5
2+25S	5
2+50S	5
3+00S	5
36E-3+50S	5
35E-0+25N	330
0+50N	315
0+75N	5
1+00N	45
1+25N	25
1+50N	40
1+75N	50
2+00N	5
2+25N	5
2+50N	5
2+75N	5
3+00N	100
3+50N	5
4+00N	10
35E-4+50N	20

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P5

PROJECT:

DATE: JULY 19/85.

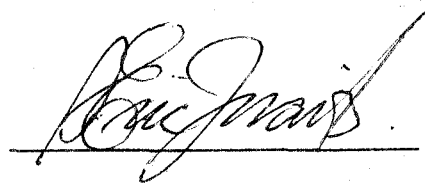
ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
35E-5+00N	10
5+50N	10
6+00N	20
35E-6+50N	30
35E-0+00	30
0+25S	10
0+50S	10
0+75S	5
1+00S	145
1+25S	100
1+50S	70
1+75S	10
2+00S	10
2+25S	5
2+75S	10
35E-3+25S	20
34E-0+00	20
0+25S	5
0+50S	5
0+75S	5
1+00S	10
1+25S	5
34E-1+50S	10
34E-0+25N	40
0+50N	10
0+75N	10
1+00N	60
1+25N	45
1+50N	5
34E-1+75N	5

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

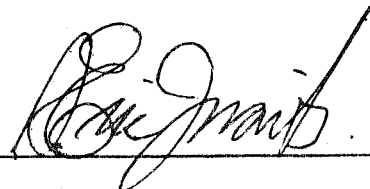
COMPANY: EUREKA RESOURCES
PROJECT:
ATTENTION: JOHN KERR

FILE: 5-337/P6
DATE: JULY 19/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
34E-2+00N	30
2+25N	30
2+50N	25
2+75N	50
3+00N	190
3+50N	45
4+00N	20
4+50N	20
5+00N	45
5+50N	30
6+00N	50
34E-6+50N	50
33E-0+00	45
0+25N	30
0+50N	65
0+75N	70
1+00N	60
1+25N	75
1+50N	50
1+75N	40
2+00N	45
2+25N	40
2+50N	55
2+75N	50
3+00N	20
3+50N	125
4+00N	15
4+50N	50
33E-5+00N	10
33E-0+25S	20

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GEOCHEMICAL ANALYSIS CERTIFICATE

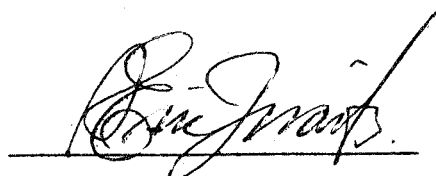
COMPANY: EUREKA RESOURCES
 PROJECT:
 ATTENTION: JOHN KERR

FILE: 5-337/P7
 DATE: JULY 18/85.
 TYPE: SOIL GEOCHEM

I hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
33E-0+50S	10	
0+75S	5	
1+00S	25	
1+25S	15	
1+50S	25	
1+75S	10	
33E-2+00S	15	
32E-0+25N	35	
0+50N	80	
0+75N	5	40MESH
1+00N	110	
1+25N	35	
1+50N	120	
1+75N	25	
2+00N	30	
2+25N	35	
2+50N	15	40MESH
2+75N	195	
3+00N	25	
3+50N	5	
4+00N	5	
4+50N	40	
32E-5+00N	70	
32E-0+00	10	
0+25S	15	
0+50S	20	
0+75S	10	
1+00S	25	
1+25S	5	
32E-1+50S	5	

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P8

PROJECT:

DATE: JULY 19/85.

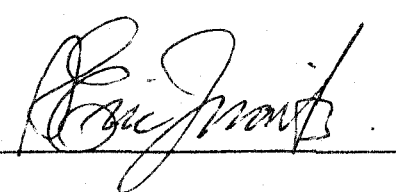
ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU FPB
32E-1+75S	5
2+00S	40
2+50S	5
32E-2+85S	20
29E-0+00	15
0+25S	10
0+50S	35
0+75S	15
1+00S	35
1+25S	15
1+50S	5
1+75S	5
2+00S	20
2+50S	25
3+00S	5
3+50S	30
4+00S	25
4+50S	35
5+00S	25
5+25S	35
5+50S	15
29E-6+00S	5
28E-0+00	40
0+25S	10
0+50S	10
0+75S	15
1+00S	45
1+25S	35
1+50S	40
28E-2+00S	35

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT:
 ATTENTION: JOHN KERR

FILE: 5-337/P9
 DATE: JULY 19/85.
 TYPE: SOIL GEOCHEM

I hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
28E-2+50S	50	
3+00S	5	
3+50S	10	
4+00S	25	40MESH
4+50S	10	
5+00S	40	
5+25S	30	
5+50S	25	
5+75S	15	
6+00S	345	
6+25S	35	
6+50S	5	40MESH
28E-7+00S	60	
27E-0+25S	25	
0+50S	10	
0+75S	75	
1+00S	5	
1+25S	10	
1+50S	15	
2+00S	10	
2+50S	105	
3+00S	85	
3+50S	45	
4+00S	30	
4+50S	350	
5+00S	10	
5+25S	35	
5+50S	5	
5+75S	105	
27E-6+00S	75	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P10

PROJECT:

DATE: JULY 19/85.

ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
27E-6+25S	30	
6+50S	20	
6+75S	25	
27E-7+00S	85	40MESH
26E-0+00	10	
0+25S	5	
0+50S	20	
0+75S	10	
1+00S	15	40MESH
1+25S	10	
1+50S	15	
2+00S	25	
2+50S	5	
3+00S	10	
3+50S	3	
4+00S	5	
4+50S	5	
5+00S	10	
5+50S	10	
5+75S	5	
6+00S	10	
6+25S	5	
6+50S	10	
6+75S	80	
7+00S	45	
7+25S	180	
7+50S	340	
26E-7+75S	730	
25E-0+25S	15	
25E-0+50S	10	

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT:
 ATTENTION: JOHN KERR

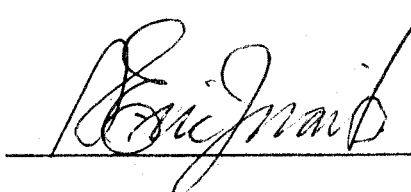
FILE: 5-337/P11
 DATE: JULY 19/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 29 samples submitted.

SAMPLE NUMBER	AU PPB
25E-0+75S	65
1+00S	55
1+25S	350
1+50S	5
2+00S	10
2+50S	5
3+00S	5
3+50S	5
4+00S	5
4+50S	10
5+00S	5
5+50S	3
25E-6+00S	5
27E-0+00	5
0+25N	10
0+50N	5
0+75N	5
1+00N	5
1+25N	10
1+50N	5
1+75N	5
2+00N	400
2+25N	25
2+50N	15
2+75N	5
3+00N	15
3+25N	10
3+75N	20
27E-4+25N	5

ZOMESH

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P12

PROJECT:

DATE: JULY 19/85.

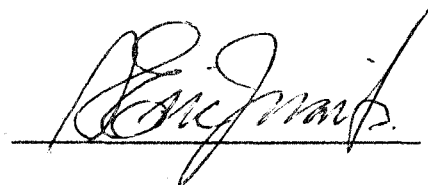
ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 29 samples submitted.

SAMPLE NUMBER	AU PPB
26E-0+25N	10
0+50N	5
0+75N	15
1+00N	10
1+25N	140
1+50N	100
1+75N	15
2+00N	10
2+25N	20
2+50N	10
2+75N	20
3+00N	50
3+25N	5
3+50N	5
4+00N	10
26E-4+50N	10
22E-0+25S	5
0+50S	5
0+75S	5
1+00S	10
1+50S	10
2+00S	20
2+50S	35
3+00S	5
3+50S	70
4+00S	5
4+50S	5
5+00S	15
22E-5+50S	55

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TELEX: 04-352828

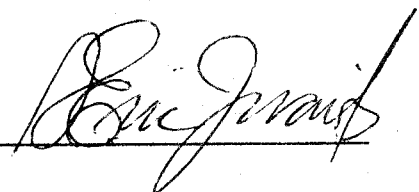
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT:
 ATTENTION: JOHN KERR

FILE: 5-337/P13
 DATE: JULY 19/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
22E-6+00S	5	
22E-6+50S	5	
21E-0+00S	40	
0+25S	5	
0+50S	45	
0+75S	20	
1+00S	5	
1+50S	50	
2+00S	5	
2+50S	35	
3+00S	30	
3+50S	5	
4+00S	10	
4+50S	5	
5+00S	50	
21E-5+50S	15	
20E-0+25S	100	
0+50S	10	
0+75S	5	
1+00S	5	40MESH
1+50S	35	
2+00S	10	
2+50S	10	
3+00S	25	
3+50S	5	
4+00S	30	
20E-4+50S	10	
19+50E-0+00	10	40MESH
0+50N	15	
19+50E-1+00N	10	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P14

PROJECT:

DATE: JULY 19/85.

ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
L19+50E-1+50N	65	
2+00N	35	
2+50N	5	
3+00N	75	
3+50N	15	
4+00N	5	
4+50N	5	
L19+50E-5+00N	10	
L28E-0+25N	5	
0+50N	5	
0+75N	35	
1+00N	15	
1+25N	25	
1+50N	20	
1+75N	5	
2+00N	5	
2+25N	10	
2+50N	15	
2+75N	5	
3+00N	5	40MESH
3+50N	25	
L28E-4+00N	20	
L29E-0+25N	5	
0+50N	5	40MESH
0+75N	3	40MESH
1+00N	10	
1+25N	5	
1+50N	5	
1+75N	250	
L29E-2+00N	30	

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT:
 ATTENTION: JOHN KERR

FILE: 5-337/P15
 DATE: JULY 19/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
29E-2+25N	120	
2+50N	5	
2+75N	5	
3+00N	10	
3+50N	5	
4+50N	40	
29E-5+00N	10	
30E-0+25N	5	
0+50N	5	
0+75N	50	
1+00N	15	
1+25N	5	
1+50N	3	40MESH
1+75N	10	
2+00N	5	40MESH
2+25N	135	
2+50N	25	
2+75N	5	
3+00N	165	
3+50N	5	
4+00N	20	
30E-4+50N	25	
31E-0+25N	10	
0+50N	45	
0+75N	35	
1+25N	5	
1+50N	10	
1+75N	35	
2+00N	175	
31E-2+25N	15	

Certified by *[Signature]*

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT:
 ATTENTION: JOHN KERR

FILE: 5-337/P16
 DATE: JULY 20/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 28 samples submitted.

SAMPLE NUMBER	AU PPB	
31E-2+50N	65	
2+75N	5	20MESH
3+50N	10	40MESH
4+00N	20	
4+50N	5	
5+00N	15	
31E-5+50N	10	
31E-0+00	30	
0+25S	5	
0+50S	5	
0+75S	3	
1+00S	35	
1+25S	5	
1+50S	10	
1+75S	5	
2+00S	10	
2+50S	10	
3+00S	5	
31E-3+50S	5	
30E-0+00	450	
0+25S	10	
0+50S	10	
0+75S	5	
1+00S	10	
1+25S	15	
1+50S	5	
1+75S	5	
30E-2+00S	5	

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P17

PROJECT:


DATE: JULY 20/85.

ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
30E-2+50S	5	
3+00S	5	
3+50S	10	
4+00S	15	
30E-4+50S	65	
15+50E-0+00	60	
0+50S	10	
1+00S	5	
1+50S	5	
2+00S	15	
2+50S	5	
3+00S	5	
3+50S	10	40MESH
4+00S	5	
4+50S	5	
15+50E-5+00S	10	
12+50E-0+00	15	
0+50S	60	
1+00S	10	
1+50S	25	
2+00S	15	
2+50S	15	
12+50E-3+00S	10	40MESH
21E-0+25N	5	
0+50N	5	
0+75N	10	
1+00N	20	
1+25N	5	
1+50N	55	
21E-1+75N	5	

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PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P18

PROJECT:

DATE: JULY 20/85.

ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
L21E-2+00N	5	
2+25N	10	
2+50N	5	
2+75N	10	
3+00N	15	
3+25N	5	
3+50N	10	
3+75N	10	
4+00N	5	40MESH
4+50N	5	
L21E-4+80N	10	
L22-0+00N	250	
L22E-0+25N	35	
0+50N	5	
0+75N	10	
1+00N	10	
1+25N	5	40MESH
1+50N	10	
1+75N	5	
2+00N	5	
2+25N	10	40MESH
2+50N	10	
2+75N	15	
3+00N	5	
3+25N	10	
3+50N	10	
3+75N	5	
4+00N	5	
4+50N	5	
L22E-4+80N	5	

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P19

PROJECT:

DATE: JULY 20/85.

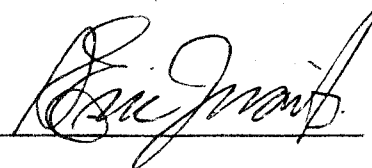
ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

I hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
20E-0+00N	5	40MESH
0+25N	5	40MESH
0+50N	5	
0+75N	115	
1+00N	5	
1+25N	10	
1+50N	5	
1+75N	5	
2+00N	3	
2+25N	5	
2+50N	5	
2+75N	5	
3+00N	5	
3+25N	3	
3+50N	10	
3+75N	5	
4+00N	5	
4+50N	5	
5+00N	5	
20E-5+50N	5	
14+50E-0+50S	5	
1+00S	10	
1+50S	5	
2+00S	5	40MESH
2+50S	5	
3+00S	10	
3+50S	5	
4+00S	5	
14+50E-4+50S	5	
10+50E-0+00	5	

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P20

PROJECT:

DATE: JULY 20/85.

ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 28 samples submitted.

SAMPLE NUMBER	AU PPB	
10+50E-0+50N	70	
1+00N	5	
1+50N	5	
2+50N	105	40MESH
3+00N	10	
3+50N	5	
4+00N	50	
4+50N	10	
5+00N	5	
5+50N	5	
10+50E-6+00N	3	
23E-0+00	5	
0+25N	5	
0+50N	5	
0+75N	10	
1+00N	10	
1+25N	5	
1+50N	20	
1+75N	10	
2+00N	5	
2+25N	5	
2+50N	10	
2+75N	40	
3+00N	45	
3+25N	440	
3+50N	5	
4+00N	5	
23E-4+35N	5	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P21

PROJECT:

DATE: JULY 20/85.

ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 29 samples submitted.

SAMPLE NUMBER	AU PPB
24E-0+00	5
0+25N	10
0+50N	40
0+75N	5
1+00N	5
1+25N	10
1+50N	5
1+75N	10
2+00N	180
2+25N	15
2+50N	20
2+75N	10
3+00N	85
3+25N	5
3+50N	5
4+00N	5
24E-4+25N	5
25E-0+00	10
0+25N	5
0+50N	5
0+75N	5
1+00N	5
1+25N	10
1+50N	15
1+75N	10
2+00N	5
2+25N	30
2+50N	5
25E-2+75N	5

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PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P22

PROJECT:

DATE: JULY 18/85.

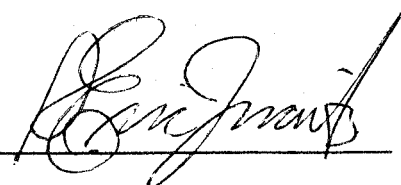
ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 29 samples submitted.

SAMPLE NUMBER	AU PPB
25E-3+00N	5
3+25N	5
3+50N	5
25E-4+00N	5
14+50E-0+00	5
0+50N	10
1+00N	45
1+50N	15
2+00N	5
2+50N	5
3+00N	10
3+50N	30
4+00N	10
4+50N	85
5+00N	5
5+50N	10
5+75N	15
6+25N	5
14+50E-6+65N	5
17+50E-0+00	10
0+50N	5
1+00N	3
1+50N	10
2+00N	5
2+50N	40
3+00N	5
3+50N	10
4+00N	10
17+50E-4+50N	35

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES

FILE: 5-337/P23

PROJECT:

DATE: JULY 20/85.

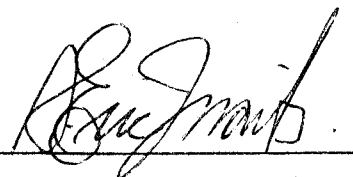
ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 17 samples submitted.

SAMPLE NUMBER	AU PPB	
17+50E-5+00N	10	
5+50N	180	
6+00N	15	40MESH
17+50N-6+25N	15	
15+50E-0+50N	20	
1+00N	10	
1+50N	35	
2+00N	25	
2+50N	5	
3+00N	10	
3+50N	10	
4+00N	215	
4+50N	95	
5+00N	5	
5+50N	10	
6+00N	10	
15+50E-6+50N	15	

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TELEX: 04-352828

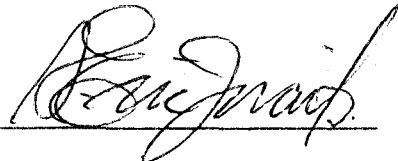
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT: FRASER GOLD
 ATTENTION: D. LEISHMAN/J.KERR

FILE: 5-377/P1
 DATE: JULY 26/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU	PPB
16W-4+75N	5	
5+00N	5	
5+50N	10	
6+00N	5	
6+50N	5	
16W-7+00N	5	40MESH
15W-4+75N	10	
5+00N	5	
5+50N	10	
6+00N	5	
6+50N	5	
7+00N	10	
15W-7+50N	5	
14W-5+00N	20	
5+50N	5	
6+00N	5	
6+50N	10	
7+00N	5	
14W-7+50N	5	
13W-4+75N	5	
5+00N	5	
5+50N	5	
6+00N	5	
6+50N	5	
7+00N	5	
13W-7+50N	5	
12W-4+75N	3	
5+00N	5	
5+50N	5	
12W-6+00N	5	

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TELEX: 04-352828

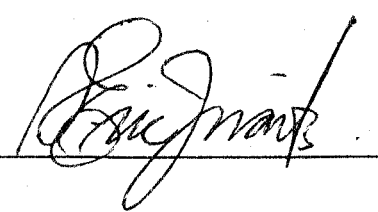
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT: FRASER GOLD
 ATTENTION: D. LEISHMAN/J.KERR

FILE: 5-377/P2
 DATE: JULY 30/85.
 TYPE: SOIL GEOCHEM

I hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
12W-6+50N	3	
12W-7+00N	5	
12W-7+50N	10	
11W-4+75N	5	
5+00N	5	
5+50N	5	
6+00N	3	
6+50N	5	
7+00N	5	
11W-7+50N	3	
10W-5+00N	5	
5+50N	5	
6+00N	65	
6+50N	10	40MESH
7+00N	5	
10W-7+50N	25	
9W-4+25N	5	
4+50N	5	
5+00N	5	
5+50N	10	
6+00N	5	
6+50N	5	
7+00N	5	
9W-7+50N	5	
8W-5+25N	5	
5+50N	3	
6+00N	10	
6+50N	10	
7+00N	5	
8W-7+50N	5	

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TELEX: 04-352828


GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT: FRASER GOLD
 ATTENTION: D. LEISHMAN/J. KERR

FILE: 5-377/P3
 DATE: JULY 30/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
7W-5+00N	5
5+50N	5
6+00N	10
6+50N	10
7+00N	10
7W-7+50N	65
12+50E-0+00	20
0+50N	5
1+00N	30
1+50N	10
2+00N	15
2+50N	10
3+00N	50
3+50N	10
4+00N	30
4+50N	5
5+00N	10
12+50E-5+50N	450
11+50E-2+75N	5
3+00N	85
3+25N	10
3+50N	20
3+75N	10
4+00N	25
4+25N	65
4+50N	20
4+75N	10
5+00N	5
5+25N	10
11+50E-5+50N	5

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PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
PROJECT: FRASER GOLD
ATTENTION: D. LEISHMAN/J. KERR

FILE: 5-377/P4
DATE: JULY 30/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
25E-6+25S	15
6+50S	5
6+75S	5
7+00S	10
7+25S	5
7+50S	5
7+75S	20
8+00S	40
8+25S	125
8+50S	60
8+75S	5
9+00S	20
25E-9+50S	5
24E-0+00	5
0+25S	5
	40MESH
0+50S	5
0+75S	5
1+00S	10
1+25S	5
1+50S	5
2+00S	5
2+50S	5
3+00S	5
3+50S	10
4+00S	5
4+50S	5
5+00S	5
5+50S	5
6+00S	30
24E-6+50S	140

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TELEX: 04-352828


GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
 PROJECT: FRASER GOLD
 ATTENTION: D. LEISHMAN/J.KERR

FILE: 5-377/P5
 DATE: JULY 27/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PFB
24E-7+00S	45
7+50S	20
8+00S	15
8+50S	10
9+00S	5
24E-9+50S	70
23E-0+25S	20
0+50S	20
0+75S	20
1+00S	20
1+25S	10
1+50S	30
2+00S	20
2+50S	35
3+00S	20
3+50S	10
4+00S	5
4+50S	5
5+00S	10
5+50S	5
6+00S	5
6+50S	30
7+00S	20
23E-7+50S	30
9E-4+00N	5
4+50N	20
9E-5+00N	5
8E-4+50N	5
5+00N	5
8E-5+50N	5

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

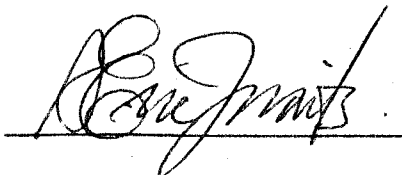
COMPANY: EUREKA RESOURCES
 PROJECT: FRASER GOLD
 ATTENTION: D. LEISHMAN/J.KERR

FILE: 5-377/P6
 DATE: JULY 27/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
7E-4+50N	35	
5+00N	5	
5+50N	5	
7E-6+00N	10	
5E-5+25N	5	
4E-4+75N	15	
5+00N	5	40MESH
5+25N	10	20MESH
5+50N	15	40MESH
5+75N	5	
4E-6+00N	10	
2E-0+25N	5	
0+75N	30	
1+25N	5	
1+75N	10	
2+25N	5	
2+75N	5	
3+25N	10	
3+75N	5	
2E-4+50N	5	40MESH
0+25S	90	
0+75S	10	
1+25S	5	
1+75S	10	
2+25S	10	
2+75S	5	
3+25S	25	
3+75S	10	40MESH
4+25S	35	
2E-4+75S	5	

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

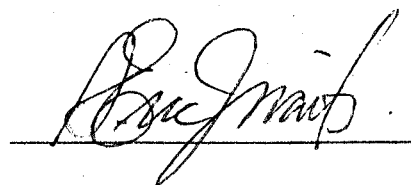
COMPANY: EUREKA RESOURCES
PROJECT: FRASER GOLD
ATTENTION: D. LEISHMAN/J. KERR

FILE: 5-377/P7
DATE: JULY 30/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
1E-0+00	5
0+25N	5
0+50N	5
0+75N	5
1+00N	5
1+25N	3
1+50N	5
1+75N	5
2+00N	5
1E-0+25S	3
0+75S	55
1+25S	5
1+75S	5
2+25S	5
2+75S	5
3+25S	10
3+75S	5
4+25S	5
4+75S	3
1E-5+25S	5
15+00W-1+25N	5
1+75N	5
2+25N	10
2+75N	5
3+25N	10
15+00W-3+75N	5
16+00W-1+00N	5
1+25N	5
1+50N	3
16+00W-1+75N	5

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
PROJECT: FRASER GOLD
ATTENTION: D. LEISHMAN/J. KERR

FILE: 5-377/P8
DATE: JULY 30/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
16+00W-2+00N	5
2+25N	10
2+50N	20
2+75N	5
3+00N	5
3+25N	3
3+50N	5
16+00W-3+75N	5
18W-1+75N	10
2+00N	10
2+25N	5
2+50N	5
2+75N	5
3+00N	5
3+25N	10
3+50N	5
3+75N	10
4+00N	5
4+25N	5
18W-4+50N	5
19W-2+50N	15
3+00N	80
3+50N	15
4+00N	5
4+50N	10
19W-5+00N	10
1E-2+25N	5
2+50N	10
2+75N	20
1E-3+00N	10

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

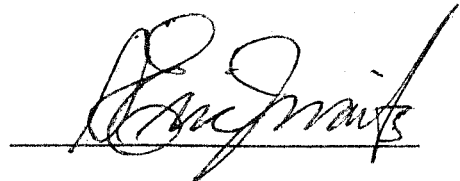
COMPANY: EUREKA RESOURCES
 PROJECT: FRASER GOLD
 ATTENTION: D. LEISHMAN/J. KERR

FILE: 5-377/P9
 DATE: JULY 30/85.
 TYPE: SOIL GEOCHEM

I hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB	
1E-3+25N	5	
3+50N	5	
3+75N	5	
4+00N	5	40MESH
4+25N	20	
4+50N	5	40MESH
4+75N	25	
5+00N	5	
5+25N	10	
5+50N	5	
1E-5+75N	5	
8W-3+15N	5	
3+50N	20	
8W-3+75N	5	
9W-3+000N	10	
3+25N	5	
9W-3+75N	5	
10W-2+75N	5	
3+00N	5	
3+25N	5	
3+50N	3	
3+75N	5	40MESH
10W-4+00N	5	40MESH
11W-3+25N	5	
3+75N	35	
11W-4+25N	5	
12W-3+25N	3	40MESH
3+50N	5	
3+75N	5	
12W-4+00N	5	

Certified by



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Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
PROJECT: FRASER GOLD
ATTENTION: D. LEISHMAN/J.KERR

FILE: 5-377/P10
DATE: JULY 30/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
L12W-4+25N	5
L13W-3+25N	5
3+75N	3
L13W-4+00N	5
L14W-1+50N	5
1+75N	5
2+00N	10
2+25N	5
2+50N	5
2+75N	90
3+00N	5
3+25N	5
3+50N	5
3+75N	5
4+00N	5
L14W-4+25N	115
L0-0+00	10
0+25N	5
0+75N	90
1+25N	5
1+75N	5
2+25N	3
2+75N	5
3+25N	5
3+75N	5
4+25N	3
L0-4+75N	5
L0-0+25S	5
0+75S	10
L0-1+25S	85

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Specialists in Mineral Environments
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TELEX: 04-352828

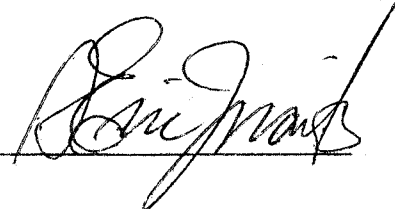
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: EUREKA RESOURCES
PROJECT: FRASER GOLD
ATTENTION: D. LEISHMAN/J. KERR

FILE: 5-377/P11
DATE: JULY 30/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
0-1+75S	10
2+25S	5
0+00-2+75S	5
1W-0+00	10
0+25S	5
0+75S	25
1+25S	5
1+75S	5
2+25S	50
2+75S	20
3+25S	5
3+75S	30
4+25S	20
5+25S	5
0+25N	35
0+50N	15
0+75N	10
1+00N	10
1+25N	10
1+50N	5
1+75N	40
2+00N	30
2+25N	5
2+50N	10
2+75N	5
3+00N	150
3+25N	5
3+50N	5
3+75N	10
1W-4+00N	5

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE


COMPANY: EUREKA RESOURCES
PROJECT: FRASER GOLD
ATTENTION: D. LEISHMAN/J. KERR

FILE: 5-377/P12
DATE: JULY 26/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 22 samples submitted.

SAMPLE NUMBER	BU PPB
1W-4+25N	60
4+50N	5
4+75N	15
5+00N	20
1W-5+25N	5
2W-3+25N	5
3+75N	10
2W-4+25N	25
3W-3+00N	5
3+50N	5
3W-4+00N	60
4W-3+35N	5
4W-3+75N	15
5W-3+25N	20
3+75N	5
4+25N	5
5W-4+50N	5
7W-3+00N	10
3+50N	5
7W-4+00N	5
L38+00E0+00	45
L39+00E0+00	10

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PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: KERR DAWSON & ASSOC.

FILE: 5-557/P1

PROJECT:

DATE: SEPT. 5/85.

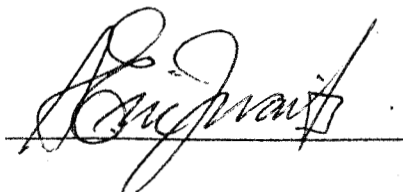
ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PFB
1-33E-02	40
03	10
04	145
05	5
06	205
08	15
1-33E-09	10
2-33E-01	5
02	15
04	5
06	20
07	35
08	60
2-33E-09	65
3-27E-01	10
02	15
03	1250
04	35
05	20
06	25
07	5
08	45
09	5
010	15
011	15
3-27E-012	5
R4-24E-01	5
02	10
03	5
R4-24E-04	5

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TELEX: 04-352828

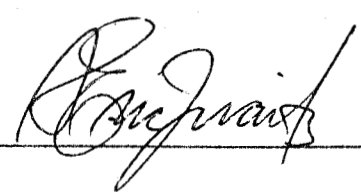
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: KERR DAWSON & ASSOC.
 PROJECT:
 ATTENTION: JOHN KERR

FILE: 5-557/P2
 DATE: SEPT. 5/85.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PFB
R4-24E-05	10
R5-24E-01	55
02	5
03	15
04	5
05	50
R5-24E-06	10
R6-20E-01	10
02	20
03	25
R6-20E-04	5
R7-15+50E-01	35
02	5
03	5
06	40
08	5
09	10
10	5
R7-15+50E-11	5
R8-10+50E-01	30
R9-5+00E-01	5
02	10
03	70
04	25
05	5
06	5
07	50
08	5
09	5
R7-5+00E-010	25

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PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: KERR DAWSON & ASSOC.

FILE: 5-557/P3

PROJECT:

DATE: SEPT. 5/85.

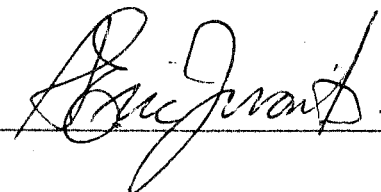
ATTENTION: JOHN KERR

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 15 samples submitted.

SAMPLE NUMBER	AU PPB
10-2W-01	5
10-2W-02	10
10-2W-03	5
10-2W-04	5
11-5W-01	5
11-5W-02	5
12-5+50W-01	5
12-5+50W-02	5
13-11W-01	3
14-12W-01	5
15-13W-01	5
15-13W-02	5
16-2E-01	20
17-31E-01	5
17-31E-02	5

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PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: KERR DAWSON & ASSOC.

FILE: 5-557/P1

PROJECT:

DATE: SEPT. 5/85.

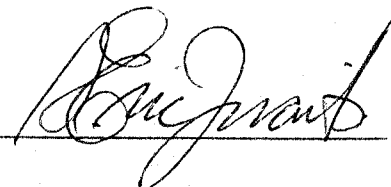
ATTENTION: JOHN KERR

TYPE: GRIINDED +80 MESH

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPF
1-33E-02	5
03	5
04	30
05	5
06	15
08	10
1-33E-09	5
2-33E-01	5
02	15
04	5
06	10
07	5
08	5
2-33E-09	10
3-27E-01	5
02	5
03	45
04	10
05	5
06	5
07	10
08	5
09	5
010	3
011	30
3-27E-012	5
R4-24E-01	10
02	5
03	5
R4-24E-04	5

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: KERR DAWSON & ASSOC.

FILE: 5-557/P2

PROJECT:

DATE: SEPT. 5/85.


ATTENTION: JOHN KERR

TYPE: GROUND +80 MESH

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AU PPB
R4-24E-05	5
R5-24E-01	5
02	5
03	3
04	5
05	20
R5-24E-06	5
R6-20E-01	5
02	5
03	5
R6-20E-04	3
R7-15+50E-01	5
02	5
03	10
06	5
08	55
09	5
10	10
R7-15+50E-11	5
R8-10+50E-01	5
R9-5+00E-01	5
02	5
03	20
04	5
05	5
06	3
07	15
08	5
09	5
R9-5+00E-10	5

Certified by



A P P E N D I X C

TRENCH PLANS

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: KERR DAWSON & ASSOC.

FILE: 5-557/P3

PROJECT:

DATE: SEPT. 5/85.

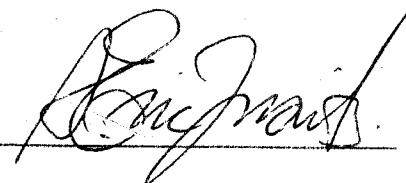
ATTENTION: JOHN KERR

TYPE: BRINDED +80 MESH

We hereby certify that the following are the results of the geochemical analysis made on 15 samples submitted.

SAMPLE NUMBER	AU PFB
10-2W-01	5
02	5
03	5
10-2W-04	5
11-5W-01	5
11-5W-02	5
12-5+50W-01	5
12-5+50W-02	5
13-11W-01	5
14-12W-01	5
15-13W-01	5
15-13W-02	10
16-2E-01	5
17-31E-01	5
17-31E-02	5

Certified by



MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: KERR DAWSON & ASSOC.

FILE: 5-557

PROJECT:

DATE: SEPT. 4/85.

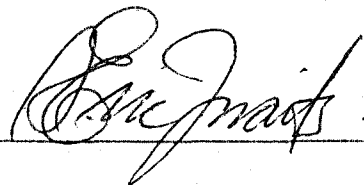
ATTENTION: JOHN KERR

TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 9 samples submitted.

SAMPLE NUMBER	AU PPB
1-33E-01	5
07	10
1-33E-010	10
2-33E-03	5
2-33E-010	5
7-15+50E-04	15
05	5
7-15+50E-07	10
9-5E-11	5

Certified by



Trench #2

PROJECT

65 (2.5m)

x 15 (4m) Soil Location
Au ppb (Depth - meters)
(-80 mesh)

60 (2m)

○ 25-50 ppb Au

35 (3.5m)

⊗ > 50 ppb Au

25 (5m)

x 5 (5m)

x 15 (4.5m)

x 5 (3.5m)

0+75N

Trench #1

x 10 (4m)

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FRASER GOLD PROJECT

x 15 (5m)

Trench Plan # 14'2
L33+00E

⊗ 205 (5m)

1:250

Oct., 1985

x 5 (6m)

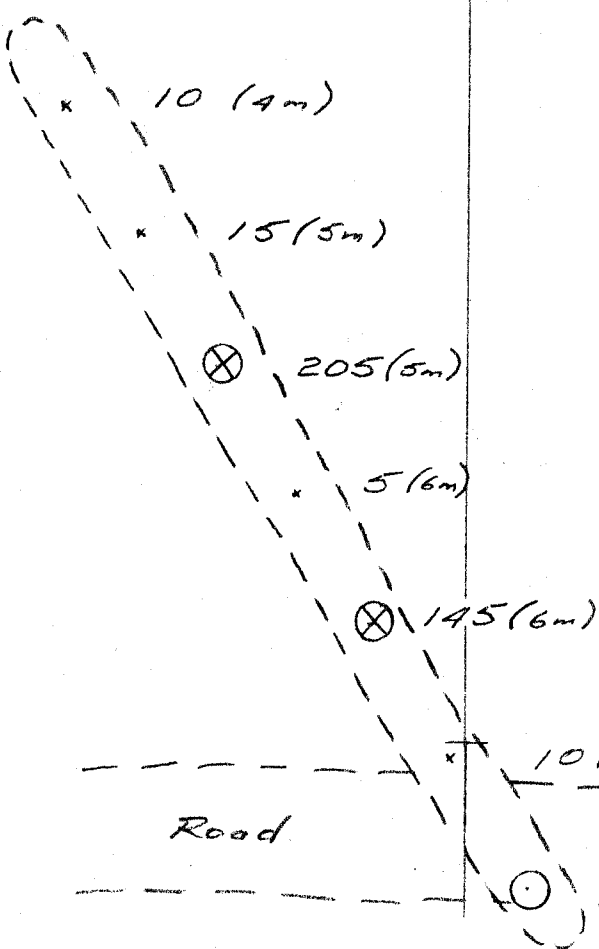
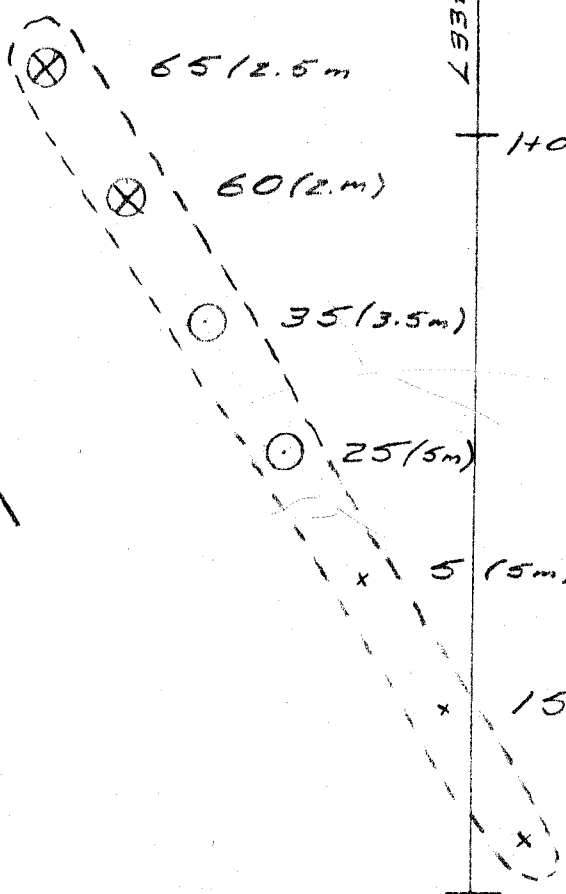
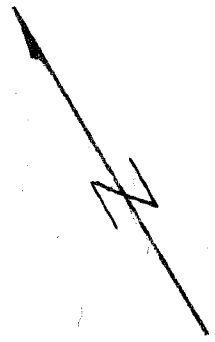
⊗ 145 (6m)

x 10 (5m)

0+50N

Road

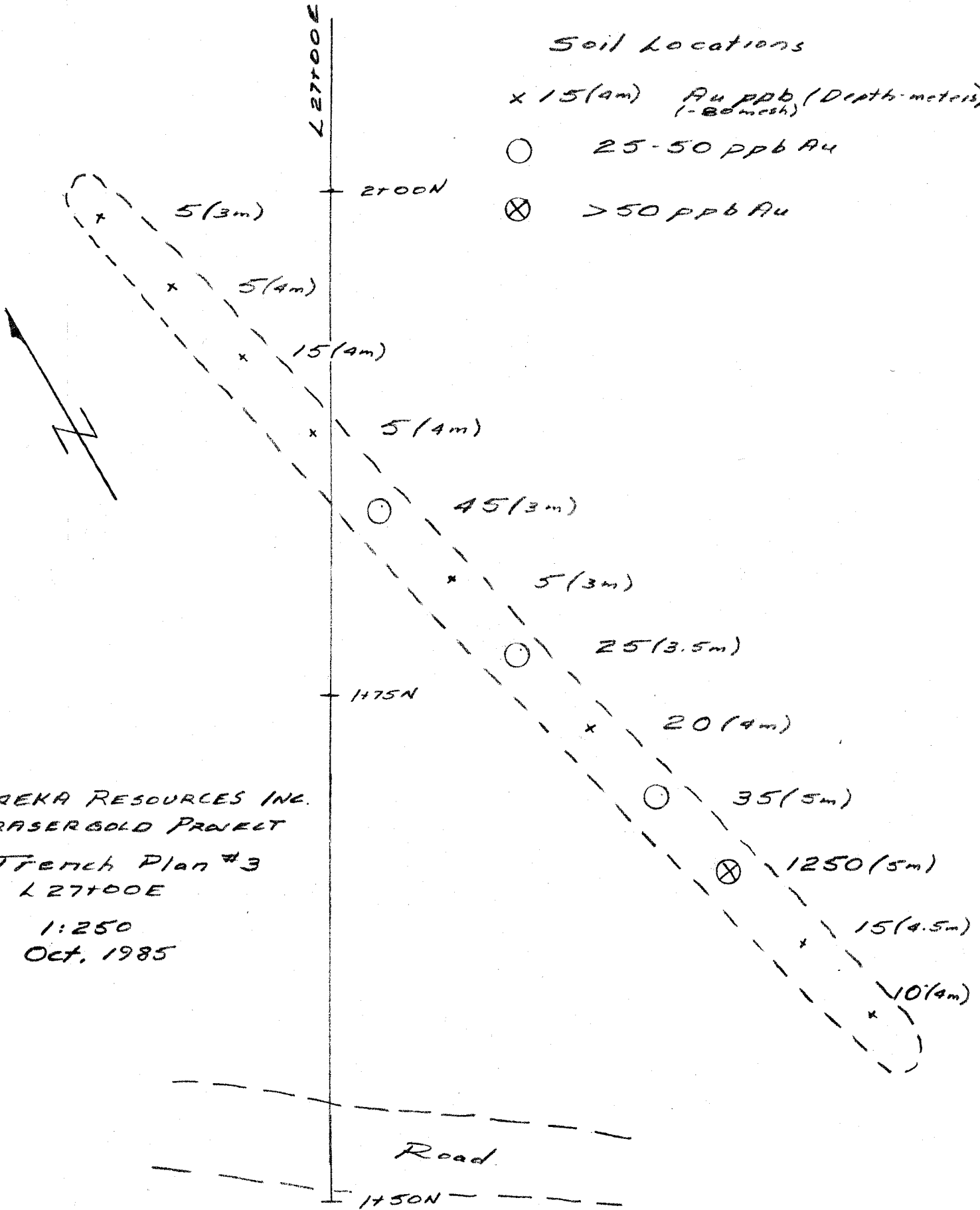
○ 40 (4m)



EUREKA RESOURCES INC
FRASER GOLD PROJECT
Trench Plan # 14'2
L33+00E
1:250
Oct., 1985

Soil Locations

- x 15 (4m) Au ppb (Depth-meters)
(-80 mesh)
- 25-50 ppb Au
- ⊗ > 50 ppb Au



EUREKA RESOURCES INC.
FRASER GOLD PROJECT

Trench Plan #3
L27+00E

1:250
Oct, 1985

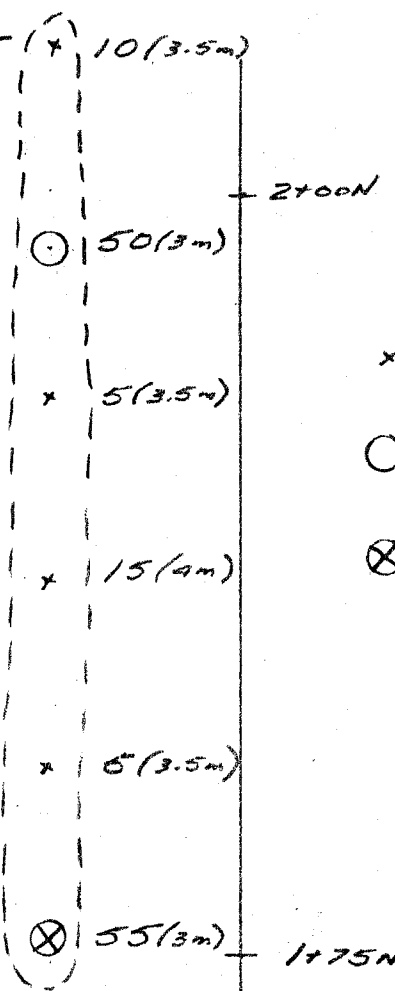
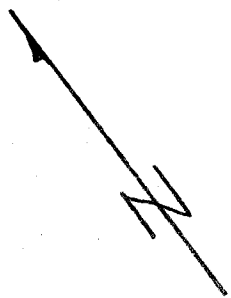
1750N

2100N

1475N

Road

Trench #5 (+ 10(3.5m))



Soil Locations

x 15(4m) Au ppb (Depth meters)
(-80 mesh)

O 25-50 ppb Au

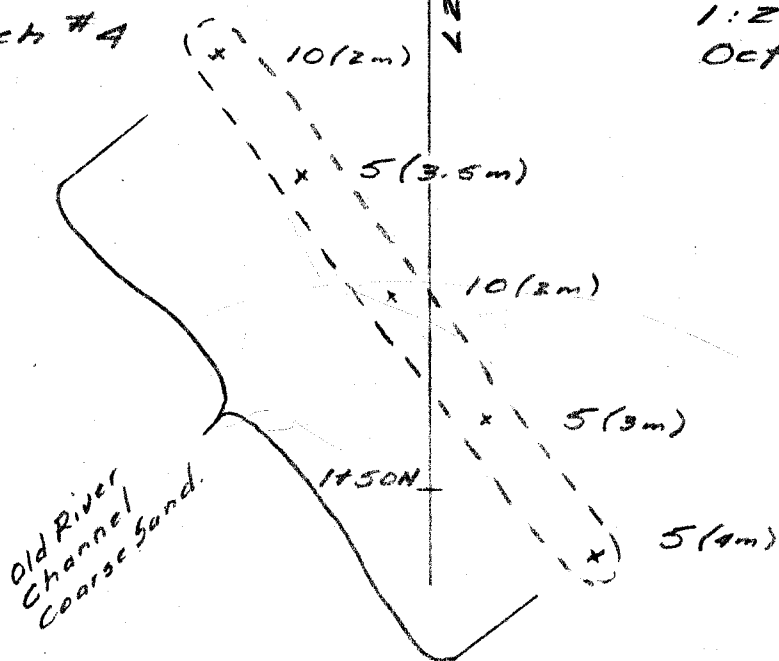
⊗ > 50 ppb Au

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FRASER GOLD PROJECT


Trench Plan #4 & 5
L2400E

1:250
Oct. 1985

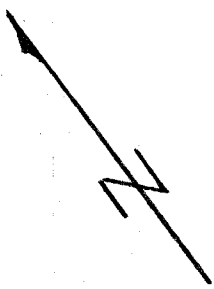
Trench #4




Old River
Channel
Coarse Sand.

5 (3.5m) 
5 (6m)

L15100E




5 (4m)
10 (9m) 

3100N


Soil Locations

x 15 (4m) - Au ppb (Depth - metres)
(-80 mesh)


o 25-50 ppb Au.

40 (7m) 

3-5m thick
black carbonaceous clay

5 (6m) 

2150N


5 (4m) 

EUREKA RESOURCES INC.
FRASER GOLD PROJECT

Trench Plan #7
L15100E

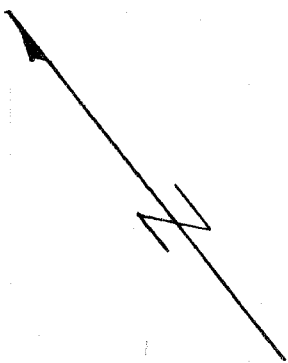
11500

Oct. 1985

35 (4m) 

2100N

Road



4-6 m thick
black carb. clay

25 (9m) (O) — 3+00N

5 (3.5m) (x)
5 (8.5m) (x)

50 (1.5m) (O)
5 (4.5m) (O)

5 (6.5m) (x) — 2+50N

25 (1m) (x)
70 (6.5m) (x) — L 5+00E

5 (4m) (x)
10 (6.5m) (x) — 2+00N

Soil Locations

x 15 (4m) ppb Au (depth-meters).
(-80 mesh)

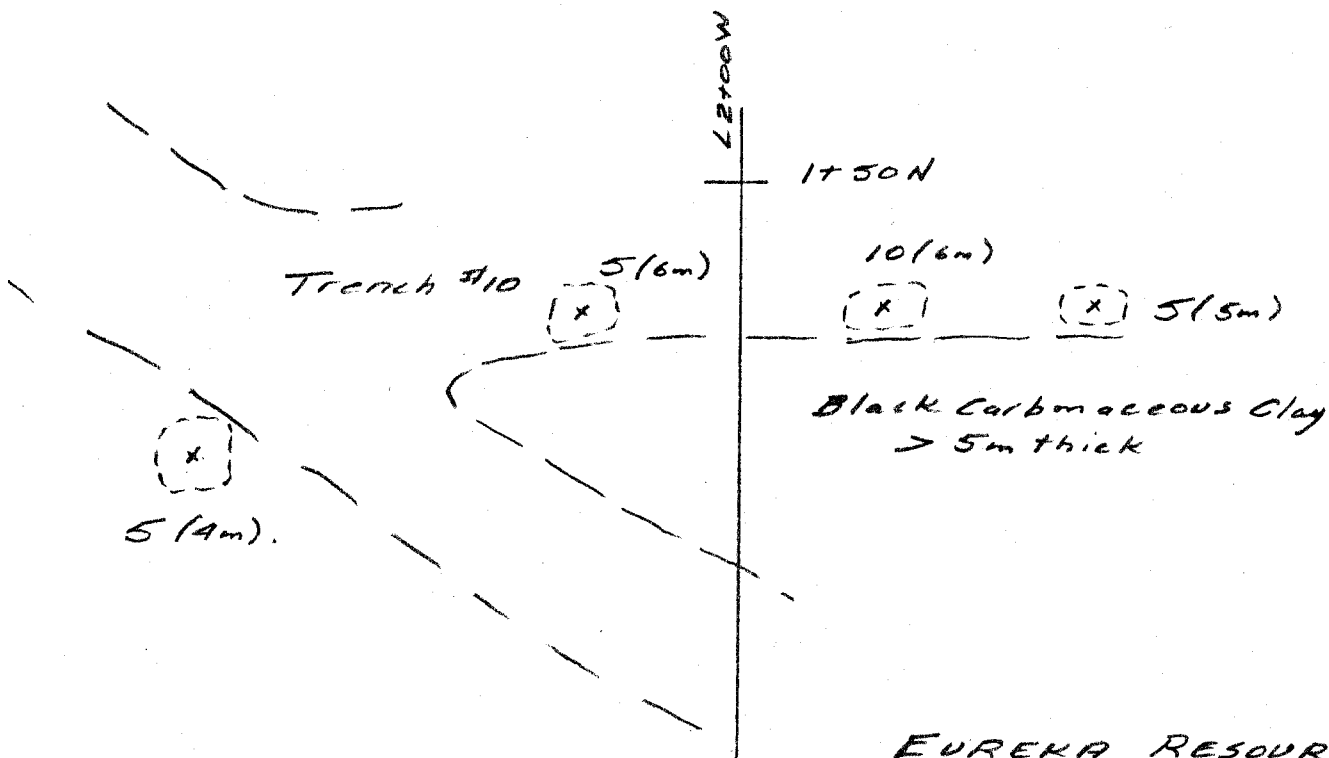
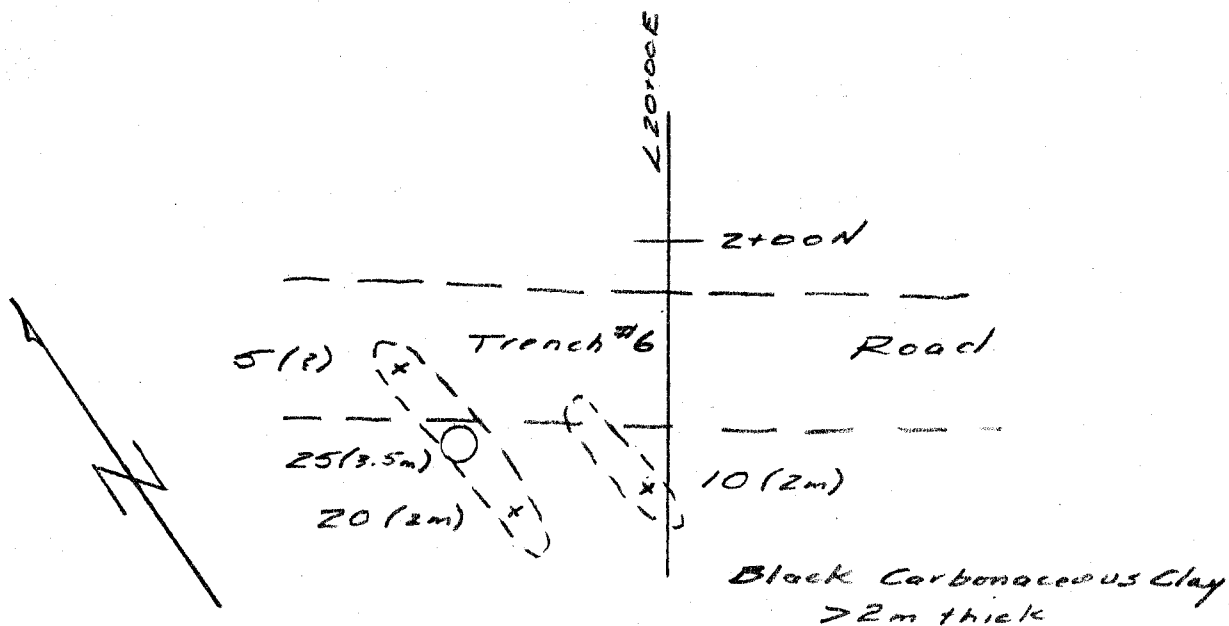
(O) 25-50 ppb Au

(x) > 50 ppb Au

EUREKA RESOURCES INC
FRASER GOLD PROJECT

Trench Plan #9
L 5+00E

1:500
Oct. 1985



x 15 (4m) Soil Location
 Au ppb (depth-meters)
 (-80 mesh)

EUREKA RESOURCES INC
 FRASERGOLD PROPERTY
 Trench Plan # 6 & 10
 Lines 20100E & 2100W

1:250
 Oct. 1985

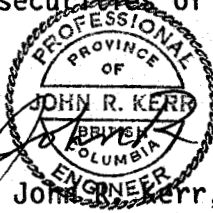
A P P E N D I X D

WRITER'S CERTIFICATE

WRITER'S CERTIFICATE

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 some of the data as compiled in this report. I am the author of this report which is based on the aforementioned data, exhaustive research and compilation of all data, and my personal knowledge of this area of British Columbia.
6. I am an officer and director of Eureka Resources Inc. and hold a direct and indirect interest in the securities of this company.


John R. Kerr, P.Eng.

Vancouver, B.C.
November 1, 1985.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,022

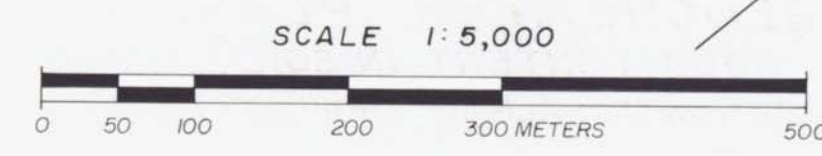
PART 2 OF 2

- LEGEND -

SOIL CLASSIFICATION

- - 20 PPB AU - NEGATIVE
- - 20 - 50 PPB AU - POSSIBLY ANOMALOUS
- - 55 - 150 PPB AU - PROBABLY ANOMALOUS
- - > 150 PPB AU - DEFINITELY ANOMALOUS

- 25 PPB AU CONTOUR
- 50 PPB AU CONTOUR
- 150 PPB AU CONTOUR
- ⊠ TRENCHES, PIT FOR DEEP OVERBURDEN SAMPLING
- CLAIM BOUNDARY
- PROJECTION OF GOLD BEARING ZONE
- DRILL ACCESS ROAD



EUREKA RESOURCES INC.
FRASERGOLD PROJECT
CLINTON MINING DIVISION, BRITISH COLUMBIA.

GEOCHEMICAL PLAN
GOLD CONTENT IN SOIL
(NORTHWEST HALF OF PROPERTY)



FIGURE 5 (Nov/85)