

86-626-15209

ASSESSMENT REPORT

ON THE VERITAS PROPERTY NEAR GOLDBRIDGE, B.C.

FOR CORAL ENERGY CORP. (Owner/Operator)

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

15,209

MINING DIVISION

N.T.S. 92-J-15-W

Lat.  $50^{\circ} 50' N$ . Long.  $122^{\circ} 55' W$ .

FILMED

BRADFORD J. COOKE and JOHN ROBINS

COOKE GEOLOGICAL CONSULTANTS LTD.

SEPTEMBER 12, 1986

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VANCOUVER, B.C.

## SUMMARY

The purpose of this report is to document assessment work carried out on the Veritas property between July 1 and August 31, 1986. Included in this report are the results of geological mapping, geochemical sampling and geophysical surveying on the Veritas, Veritas 2, Ranch and Veritas 5 claims west of Lajoie Lake. No work was conducted on the other claims east of Lajoie Lake.

The Veritas property has good exploration potential for mesothermal gold veins, as shown by the similar geology and close proximity to Bralorne-Pioneer mines. The Veritas vein was previously traced for 300 metres along strike and 80 metres down dip by surface trenches and four adits. The vein was reported to carry gold in places.

Underlying the claims are Triassic limey sediments and andesitic volcanics of the Hurley and Pioneer Formations. These have been intruded by massive diorite of the Bralorne Intrusions and faulted against serpentized peridotite of the President Intrusions. Tertiary? porphyry dikes, lamprophyre dikes and a quartz vein with minor sulfides crosscut the older rocks.

A number of B horizon soil anomalies were located along strike from the Veritas vein, running up to 350 ppb Au, 188 ppm As, 1.3 ppm Ag and 23 ppm Sb and extending the strike potential of the known vein for another 800 metres west-northwest. Several other spot anomalies were also detected.

Eight VLF-electromagnetic anomalies trend parallel to, and probably reflect, geological contacts running northwesterly across the property. One anomaly flanks the Veritas vein to the north and probably marks the diorite-serpentinite contact that it follows.

Two PP-magnetic anomalies mark the locations of the serpentized peridotite, one of which flanks the Veritas vein to the south. Magnetic background over the Hurley Formation does not vary much so the north-south grid was not surveyed magnetically.

Backhoe trenching is required to follow up on selected soil anomalies along strike from the known vein. Diamond drilling will eventually be necessary to test the vein for improvement in grade and width at depth, similar to Bralorne.

A 5 day, \$7,500 exploration program of backhoe trenching is recommended to follow up the best soil anomalies. Should backhoe trenching successfully locate mineralization, some fill-in soil sampling and VLF-EM surveying may be required on the north-south grid and PP-magnetic surveying should be completed on the east-west grid. Diamond drilling is contingent on the success of the backhoe trenching program.

No work should be carried out on the claims east of Lajoie Lake unless justified by exploration success on the other claims west of the lake. The thick glacial overburden east of Lajoie Lake inhibits effective surface prospecting at this time.

## TABLE OF CONTENTS

### INTRODUCTION

Purpose and Scope	1
Location and Access	1
Physiography and Climate	1
Accommodations and Labour	1
Claims Description	1
Mining History	5

### GEOLOGY

Regional	6
Property	8
Mineralization	9

### GEOCHEMISTRY

B - Horizon Soil	12
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### GEOPHYSICS

VLF-Electromagnetic	13
PP-Magnetic	13

### CONCLUSION

Conclusions	14
Recommendations	15
Expenditure	16

### REFERENCES

17

### QUALIFICATIONS

18

### APPENDICES

19

### LIST OF FIGURES

Figure 1:	Location map.	2
Figure 2:	Claim map.	3
Figure 3:	Regional geology map.	10
Figure 4:	Property geology map.	4
Figure 5:	Geological (outcrop) survey.	Back
Figure 6:	B - horizon soil (Au, As) survey.	"
Figure 7:	B - horizon soil (Ag, Sb) survey.	"
Figure 8:	VLF-Electromagnetic survey (East-West grid).	"
Figure 9:	VLF-Electromagnetic survey (North-South grid).	"
Figure 10:	PP-Magnetic (Total Field) survey. (North-South grid)	"

### LIST OF TABLES

Table 1:	Claim list.	4
Table 2:	Formation list.	11

### LIST OF APPENDICES

Appendix 1:	Analytical Procedures.	19
Appendix 2:	Assay Certificates.	20
Appendix 3:	Underground Plans.	21
Appendix 4:	Petrographic Report.	22

## INTRODUCTION

### Purpose and Scope

The purpose of this report is to document assessment work carried out on the Veritas property between July 1 and August 31, 1986. Included in this report are the results of geological mapping, geochemical sampling and geophysical surveying on the Veritas, Veritas 2, Ranch and Veritas 5 claims west of Lajoie Lake. No work was conducted on the other claims east of Lajoie Lake.

### Location and access

Veritas property is located approximately 5 kilometres west of Goldbridge and 180 kilometres north-northeast of Vancouver in southwestern British Columbia (Figure 1). Access to the property is by vehicle from Vancouver, 145 kilometres east of Highway 1 to Hope, 225 kilometres north on Highways 1 and 12 to Lillooet, and 100 kilometres west on gravel road towards Goldbridge. The Gun Lake public road affords access to the claims east of Lajoie Lake but the Downton Lake logging road must be used to reach the claims west of the lake.

### Physiography and Climate

The claims straddle Lajoie Lake and reach south to Downton Lake, at elevations of 750 metres along Downton Lake to 1,140 metres up on the hill west of Lajoie Lake. Vegetation is typical coniferous forest and the climate is characterized by hot, dry summers and cool, snowy winters.

### Accommodation and Labour

Goldbridge Hotel is convenient for room and board, houses are available for rent in Bralorne, Gun Lake Resort has campsites available and Little Gun Lake Lodge has finer facilities at Lajoie Lake. Cooke Geological Consultants Ltd. conducted the exploration program for Coral Energy Corp.

### Claims description

The Veritas property consists of two modified grid claims and seven reverted crown grants, totalling 20 units and covering 440 hectares, in the Lillooet Mining Division (Figure 2). Total annual assessment on the claims is \$2,000 per year for the first 3 years and 4,000 per year thereafter (Table 1).

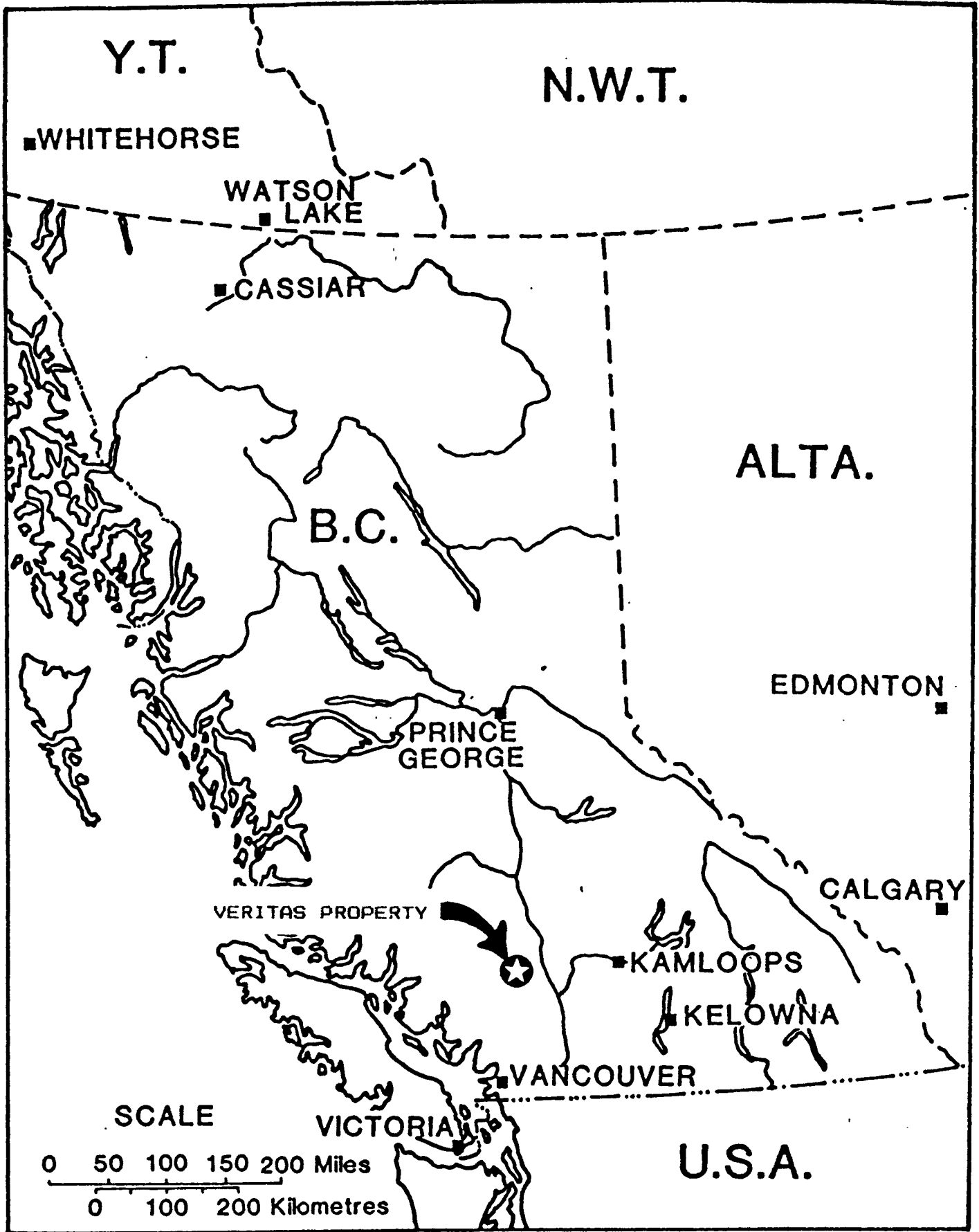


Figure 1: Location Map.

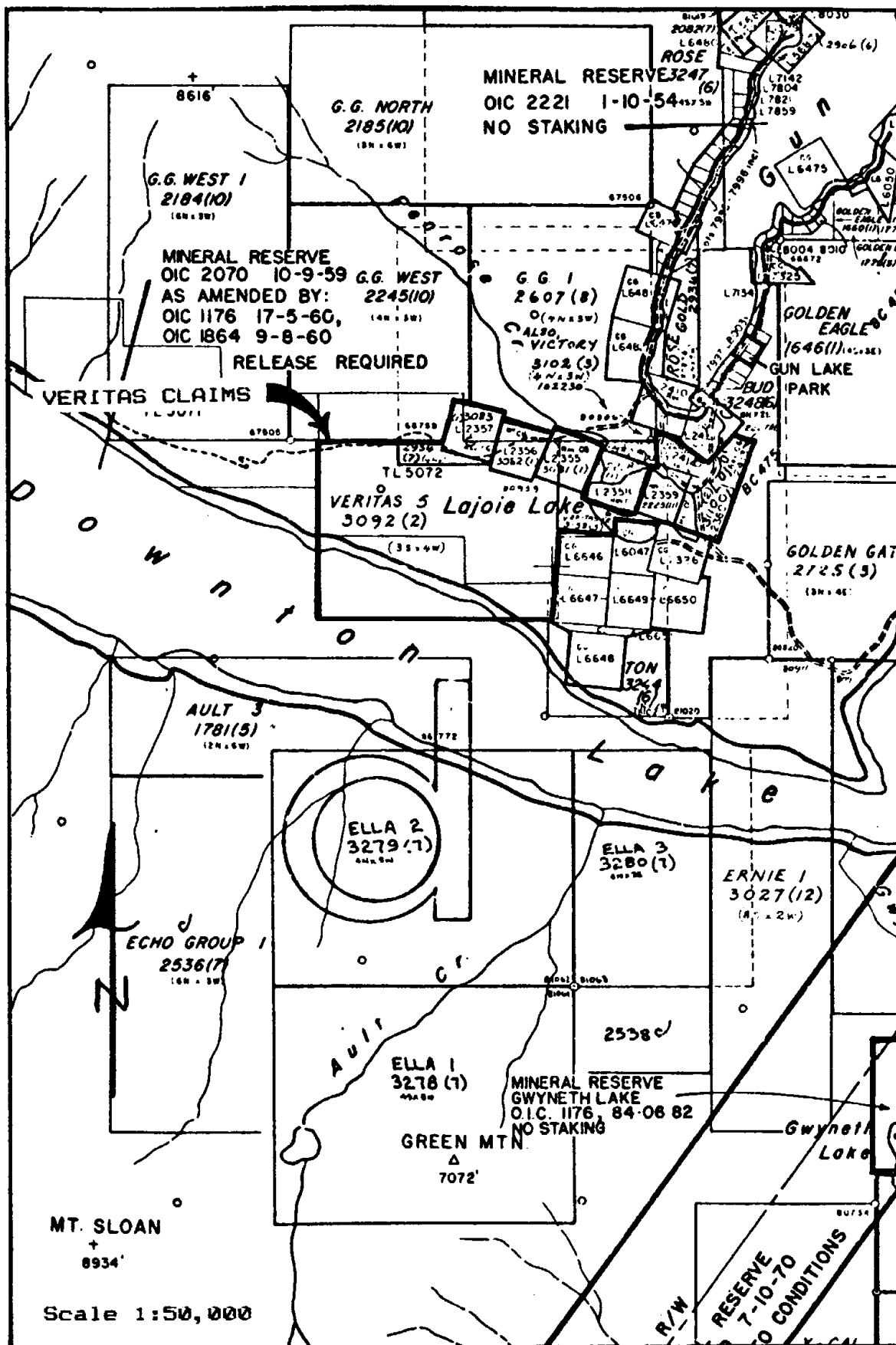


Figure 2: Claim map.



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CLAIM NAME	CLAIM TYPE	RECORD NO.	LOT NO.	NO. UNITS	EXPIRY DATE
Veritas	RC	3083	2357	1	01-01-87
Veritas 2	RC	3082	2356	1	01-01-87
Veritas 3	RC	2225	2359	1	10-11-86
Veritas 4	RC	3110	2360	1	18-02-87
Veritas 5	MG	3092		12	11-02-87
Veritas 6 Fr.	MG	3138		1	02-05-87
Ranch	RC	3081	2355	1	01-01-87
Eve	RC	2226	2412	1	10-11-86
Eve 2	RC	2227	2413	1	10-11-86

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TABLE 1: Claim list.

### Mining History

Veritas claims were staked as early as 1908? by Matt Foster, who worked them sporadically for 30? years or more. He opened several trenches and drove four adits on the Veritas vein, totalling more than 350 metres of underground workings.

The lowermost or No. 1 adit, is 3 metres above Lajoie Lake and runs 167.6 metres westerly along the vein or in the hangingwall to the vein. No. 2 adit is 25 metres above level No. 1 and runs 94.5 metres in the footwall to the vein, which is exposed in 3 crosscuts.

No. 3 adit is 30 metres above level No. 2 and runs 73.2 metres along the vein, with a short raise and winze at 12 metres. The uppermost, or No. 4 adit, is about 25 metres above level No. 3 and is only 8 metres long.

After lying dormant for many years, the claims were staked, mapped and sampled in a reconnaissance manner by Bill Cook in 1978. Coral Energy Corp. acquired the claims in 1985 and conducted some line cutting for assessment purposes, in preparation for the exploration work reported herein.

## GEOLOGY

### Regional

The following summary of regional geology and tectonics is derived from the reports of many workers in the Bridge River area, with emphasis on Geological Survey of Canada Reports and University of British Columbia Reports (see references).

The Bridge River district lies at the western margin of the Intermontaine Belt of volcanic and sedimentary rocks where it abuts against the Coast Plutonic Complex of plutonic and metamorphic rocks (Figure 3). Triassic arc volcanics and backarc sediments (Cadwallader and Bridge River Groups) are intruded by synvolcanic, intermediate plutons (Bralorne Intrusions) and faulted against ophiolitic, ultramafic intrusions (President Intrusions) (Table 2).

Jurassic and Cretaceous basinal sediments and rift volcanics (unnamed, Taylor Creek and Kingsvale Groups) are sequentially intruded by Cretaceous and Tertiary plutons of felsic composition (Coast, porphyry and Bendon Intrusions). Relatively flat-lying Tertiary intermediate and mafic volcanics (Rexmount porphyry and plateau basalt) cap the lithological sequence.

Triassic rocks probably formed a discrete plate, the Bridge River terrane, prior to collision with the North American plate to the northeast in Jurassic time. That collision thrust arc volcanics, backarc sediments and oceanic crust onto the already assembled exotic terranes of the Intermontaine Belt and prompted uplift and erosion that produced Jurassic and Cretaceous sediments.

Bridge River terrane then got sandwiched by the arrival of eastward-drifting Insular belt rocks from the west in Cretaceous time. This collision probably remobilized old faults and sparked several periods of intrusive activity that resulted in Cretaceous and Tertiary plutons and volcanics.

Old breaks such as the Fergusson and Cadwallader faults were probably mobilized again as Tertiary dextral strike slip faults, followed by extrusion of plateau basalts in response to extensional tectonics. Finally, Pleistocene glaciation and Recent uplift and erosion sculpted the existing mountainous terrain.

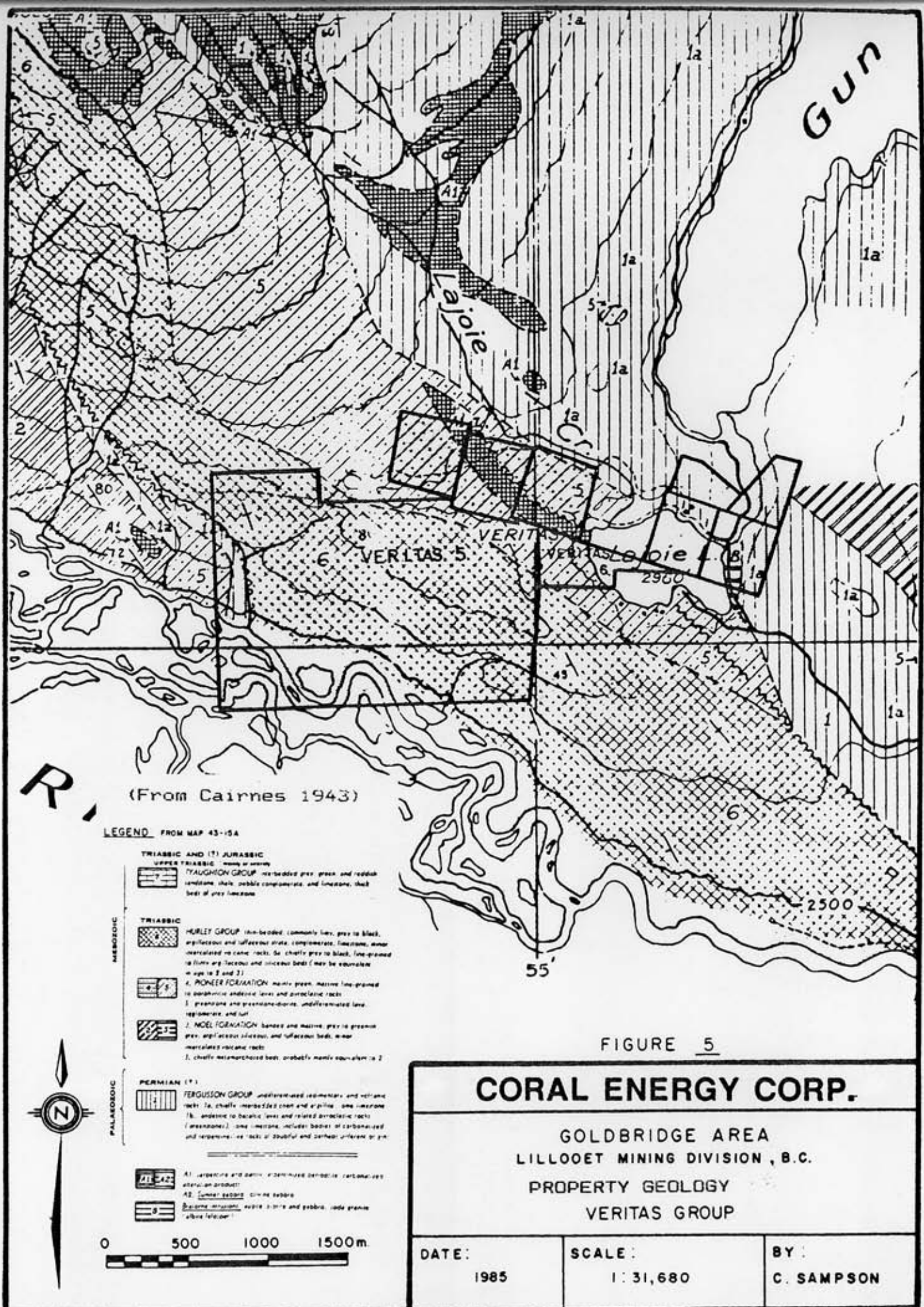


Figure 4: Property geology map.

Bralorne and Pioneer mines comprise the largest and richest lode gold mining camp in British Columbia. Between 1899 and 1971, they produced 4.16 million ounces gold and 0.95 million ounces silver from 8.23 million tons ore grading 0.51 oz/ton gold and 0.12 oz/ton silver. Gold-bearing quartz veins follow two sets of narrow fissures in Pioneer andesite and Bralorne diorite near Bralorne granite and albitite dikes. Mining stopped in ore some 2000 metres down because of the ventilation problem and high mining costs.

Many other gold prospects in the region, such as the showings on the Congress property, are gold-bearing sulfide replacements along narrow shears in Bridge River basalts and cherts, often near Tertiary porphyry dikes. A significant new discovery on the Congress property, the Lou zone, assays up to 0.37 oz/ton Au, 0.32 oz/ton Ag and 1.7% Sb over 6.9 metres true width. Thus, the exploration and mining potential of old prospects such as the Congress and Veritas occurrences needs to be re-evaluated.

### Property

Outcrop geology of the Veritas property is similar in many ways to that of the Bralorne mine, only 9.5 kilometres to the southeast. Triassic limy sediments and andesitic volcanics of the Hurley Formation and Pioneer Formation are intruded by massive basic rocks of the Bralorne Intrusions and serpentized ultrabasic rocks of the President Intrusions, crosscut by Tertiary felsic and mafic dikes and a quartz vein carrying minor sulfides (Figure 4).

Hurley sediments strike northwest and dip steeply southwest across property and include limy argillite, carbonaceous sandstone, recrystallized limestone and polymictic conglomerate. Pioneer volcanics form a narrow band of fine to coarse grain andesite that crosses the middle of the claims (Figure 5).

Bralorne plutonics form massive diorite and gabbro in the northeastern part of the property, in contact with massive, sheared, serpentized or listwanitized peridotite of the President intrusions. The Veritas vein trends west-northwest and dips steeply northeast along the contact of footwall serpentinite and hangingwall diorite.

Porphyry dikes, characterized by feldspar and/or hornblende phenocrysts, intrude Hurley sediments and President intrusions near the Veritas vein. A late, chloritized, lamprophyre dike was found crosscutting Bralorne diorite.

### Mineralization

The Veritas vein has been traced for 300 metres along strike and 80 metres down dip by several old trenches and four old adits. It is typically up to 1 metre wide consisting of white quartz and carrying minor disseminated pyrite, arsenopyrite, galena, tetrahedrite and gold.

Some of the best old gold assays were reported to come from surface samples beyond the underground workings. Certainly the best recent dump samples have come from the No. 3 and No. 4 dumps, at the western end of the known vein.

Underground mapping and sampling was conducted in the Veritas Nos 2, 3, and 4 adits. The No. 1 adit was caved and inaccessible at the time of this report. These adits explore a Bralorne-type quartz vein which generally follows the contact between Bralorne diorite and the President Serpentinite. A feldspar porphyry dike trends parallel to this contact, commonly in the hanging wall to the vein.

The quartz vein ranges from a few centimetres to over a meter in width and is oriented approximately  $115^{\circ}$ , dipping steeply to the north. It is composed predominantly of a white milky quartz with sparse sulphide mineralization in the form of pyrite, arsenopyrite and galena. Tetrahedrite and free gold have also been reported in the past. The altered hangingwall and footwall typically contain up to 3% disseminated sulphides, predominantly pyrite and arsenopyrite.

Carbonate alteration is also evident near the contact with the vein, where the ultrabasics (serpentinite-peridotite) are listwanitized and typically contain abundant fuchsite. In the Veritas #3 adit a narrow chloritized lamprophyre(?) dike crosscuts the vein and the feldspar porphyry.

A total of 30 rock samples were taken in the underground workings from the vein, altered wallrocks and rusty shears. Assay results indicate weak mineralization throughout the workings. The highest assays came from the portal of the Veritas #4 adit, as follows: hanging wall, 30cm, 0.032 oz Au/ton; vein, 30cm 0.075 oz Au/ton; and footwall, 30cm 0.039 oz Au/ton. All other assays were significantly lower.

Although the assay results indicate poor economic values in the area of the workings there may exist potential for improved mineralization at depth. The Veritas vein closely resembles the Bralorne vein where the best gold values occurred at considerable depth.

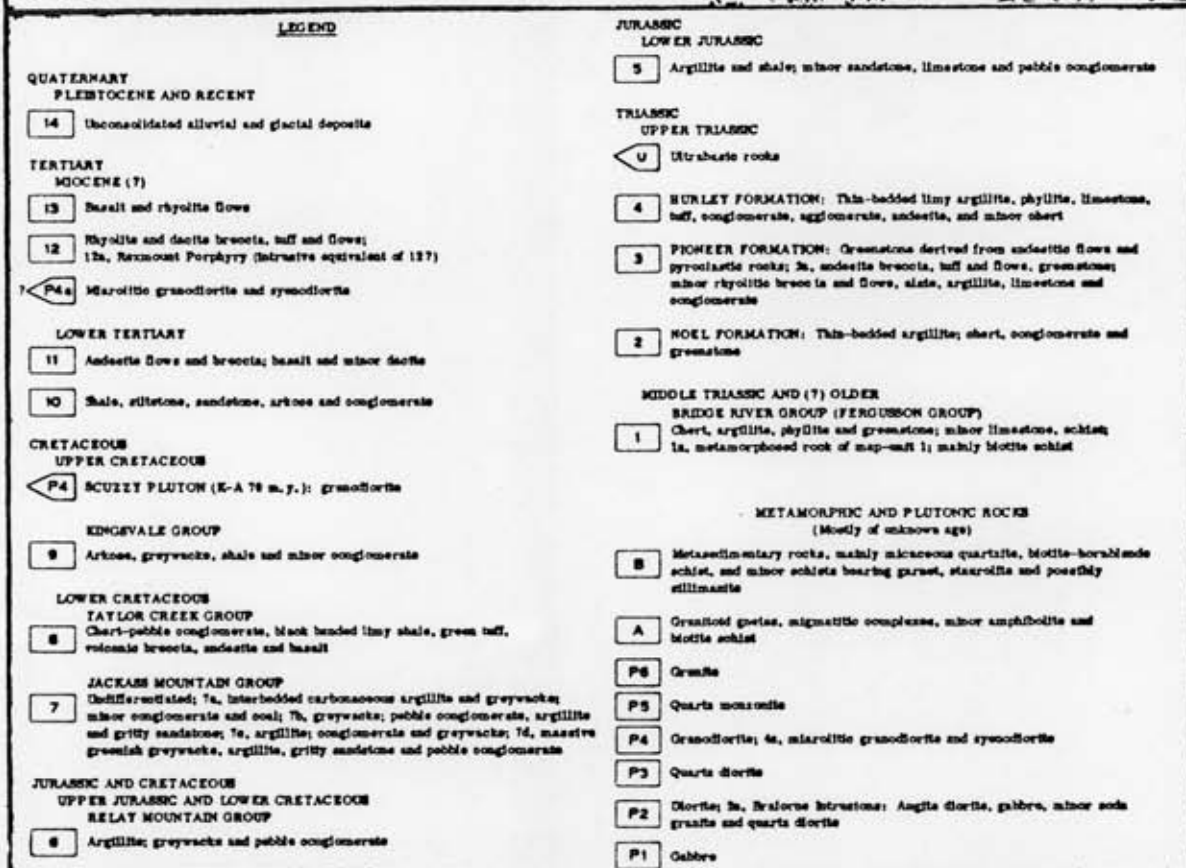
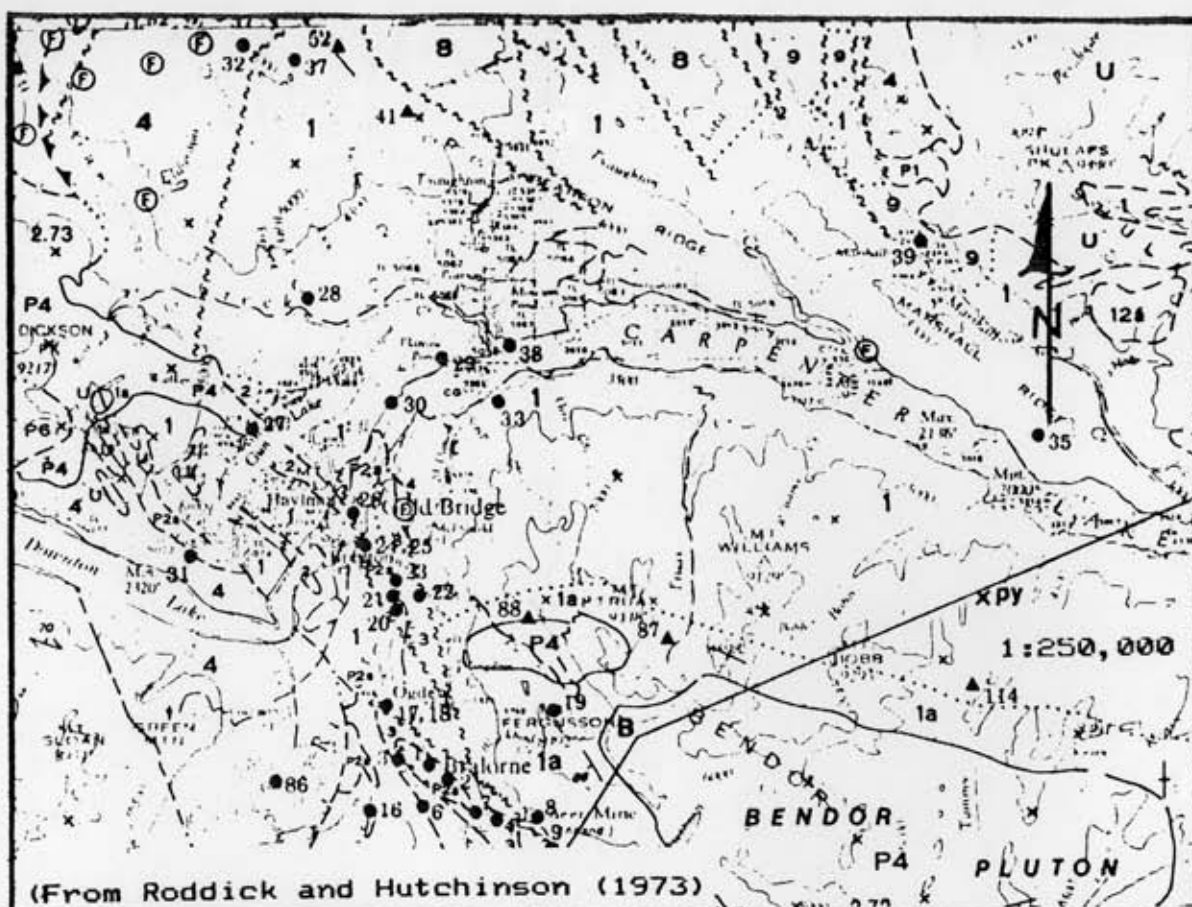


Figure 3: Regional geology map.

PERIOD	UNIT	LITHOLOGY
Upper Tertiary	Plateau Basalt	basalt, rhyolite flows, breccias unconformable contact
Lower Tertiary	Rexmount Porphyry	rhyolite, dacite, andesite tuffs, flows, plugs unconformable contact
	Bendor Intrusions	granodiorite, quartz diorite, quartz monzonite intrusive contact
Upper Cretaceous	Porphyry Dikes	quartz, feldspar, hornblende porphyry dikes intrusive contact
	Coast Range Intrusions	quartz diorite, diorite, granodiorite intrusive contact
	Kingsvale Group	arkose, greywacke, shale, conglomerate unconformable contact
Lower Cretaceous	Taylor Creek Group	conglomerate, shale, tuff, breccia unconformable contact
Lower Jurassic	Unnamed Sediments	argillite, shale, sandstone, limestone, conglomerate unconformable contact
Upper Triassic	Bralorne Intrusions	augite diorite, soda granite, albitite dikes intrusive contact
	President Intrusions	serpentinite, peridotite pyroxenite, dunite, gabbro fault contact
	Cadwallader Group	
	Hurley Formation	limy argillite, sandstone, conglomerate, limestone, greenstone, tuff, chert
	Pioneer Formation	greenstone, basalt, andesite, flows, tuffs
	Noel Formation	argillite, chert, conglomerate, greenstone conformable contact?
Middle Triassic	Bridge River Group	chert, argillite, siltstone, limestone, greenstone, basalt, metamorphic equivalents

Table 2: Formation list.



## GEOCHEMISTRY

### B - horizon soils

Some 475 soil samples were collected on 2 grids at 25 metre intervals along lines spaced 100 to 200 metres apart. A north-south grid was placed over the Veritas, Veritas 2 and Ranch claims to cover the Veritas vein and an east-west grid was extended from previous work to cover the Veritas 5 claim.

Because of the deep volcanic ash layer on the property soil sampling was slow and laborious as many holes were dug as deep as 1.5 metres and the rusty B horizon was occasionally developed in coarse talus, resulting in insufficient sample material. Soil holes were dug with soil spades, fine B horizon soil was placed in marked paper envelopes, and sent to Min-En Laboratories Ltd. in North Vancouver for analysis of Ag, As, Cu, P, Sb and Zn by I.C.P. and Au by A.A. methods.

A few anomalies were located on the north-south grid along strike from the Veritas vein, running up to 350 ppb Au, 188 ppm As, 1.3 ppm Ag, and 23 ppm Sb, over thresholds of 25 ppb Au, 100 ppm As, 1.0 ppm Ag and 20 ppm Sb. These anomalies could extend the strike potential of the known vein for another 800 metres west-northwest. Other spot anomalies run up to 75 ppb Au, 1.3 ppm Ag, 329 ppm As, 1023 ppm Cu, 83 ppm Pb, 23 ppm Sb and 762 ppm Zn.

Because of the west-northwest trend of the local geology and known vein, the east-west grid is not very effective at showing anomalous trends. However, a few spot anomalies were discovered, with values running up to 180 ppb Au, 2.0 ppm Ag, 485 ppm As, 208 ppm Cu, 64 ppm Pb, 22 ppm Sb and 841 ppm Zn.

## GEOPHYSICS

### VLF-Electromagnetic

Approximately 20.0 kilometres of line was surveyed on 2 grids at 25 metre intervals along lines spaced 100 to 200 metres apart. A Sabre M27 very low frequency electromagnetometer was used to read field strengths and dip angles relative to the Seattle (24.8 KHz) and Hawaii (23.4 KHz) stations. Dip angles were then Fraser-filtered for anomaly interpretation and raw field strength data were also plotted for assessment purposes.

Three distinct anomalies trend west-northwest across the north-south grid with values running up to +25 FFDA. The central anomaly flanks the Veritas vein and marks the serpentinite-diorite contact, the northern anomaly may reflect another diorite-serpentinite contact and the southern anomaly probably shows the serpentinite-andesite contact. The east-west grid shows five distinct anomalies trending northwest, parallel to and probably reflecting sedimentary contacts, with values running up to +44 FFDA.

### PP-Magnetic

About 7.0 kilometres of line was surveyed using a Scintrex MP2 magnetometer to read total field strengths on days when no magnetic storms were recorded. Uncorrected data were then plotted and interpreted.

Two distinct anomalies trend west-northwest across the north-south grid with values running up to 60,594 gammas over a background of 57,000 to 58,000 gammas. The south anomaly reflects serpentinite south of the Veritas vein and the north anomaly marks another serpentinite north of the diorite. Because the magnetic background over the sediments and volcanics varied little, the north-south grid was not surveyed.

## CONCLUSION

### Conclusions

1) The Veritas property has good exploration potential for mesothermal gold veins, as shown by the similar geology and close proximity to Bralorne-Pioneer mines. Veritas vein was previously traced for 300 metres along strike and 80 metres down dip by surface trenches and four adits and it was reported to carry gold in places.

2) Underlying the claims are Triassic limey sediments and andesitic volcanics of the Hurley Formation and Pioneer Formation, intruded by massive diorite of the Bralorne Intrusions and faulted against serpentinitized peridotite of the President Intrusions. Tertiary? porphyry dikes, lamprophyre dikes and a quartz vein with minor sulfides crosscut the older rocks.

3) The Veritas vein follows the contact of Bralorne diorite and President Serpentinite and is flanked by a feldspar porphyry dike. Underground sampling produced relatively low gold assays ranging up to 0.076 oz Au/ton over 30 cm width in the Veritas #4 adit.

4) A number of B horizon soil anomalies were located along strike from the Veritas vein, running up to 350 ppb Au, 188 ppm As, 1.3 ppm Ag and 23 ppm Sb and extending the strike potential of the known vein for another 800 metres west-northwest. Several other spot anomalies were also detected.

5) Eight VLF-electromagnetic anomalies trend parallel to, and probably reflect, geological contacts running northwesterly across the property. One anomaly flanks the Veritas vein to the north and probably marks the diorite-serpentinite contact that it follows.

6) Two PP-magnetic anomalies mark the locations of serpentinitized peridotite, one of which flanks the Veritas vein to the south. Magnetic background over the Hurley Formation does not vary much so the north-south grid was not surveyed magnetically.

7) Backhoe trenching is required to follow up on selected soil anomalies along strike from the known vein. Diamond drilling will eventually be necessary to test the vein for improvement in grade and width at depth, similar to Bralorne.

### Recommendations

1) A 5 day, \$7,500 exploration program of backhoe trenching is recommended to follow up the best soil anomalies, as follows:

L0N	250E
L4E	050S
L6E	025S
L6E	175S
L0N	725E
L11E	550S
L0N	850W
L2S	175W
L4S	525E
L10S	550E

2) Should backhoe trenching successfully locate mineralization, some fill-in soil sampling and VLF-EM surveying may be required, on the north-south grid, and PP-magnetic surveying should be completed on the east-west grid. Diamond drilling is contingent on the success of the backhoe trenching program.

3) No work should be carried out on the claims east of Lajoie Lake unless justified by exploration success on the other claims west of the lake. The thick glacial overburden east of Lajoie Lake inhibits effective surface prospecting at this time.

**EXPENDITURES**

<u>Item</u>	<u>Cost</u>
Labour and Supervision	\$8,925.00
1 man x 41 days x \$125	
1 man x 38 days x \$100	
Room and Board	4,384.00
2 men x 40 days x \$54.80	
Transportation and Fuel	1,424.63
1 truck x \$35.62 x 40	
Equipment and Supplies	713.10
Assays and Analysis	7,138.35
30 soils x \$15.50	
222 soils x \$10.35	
138 soils x \$10.35	
201 soils x \$12.35	
30 rock x \$15.50	
Drafting and Reproduction	655.49
Equipment Rental	850.85
Office & Miscellaneous	444.26
Report Preparation	<u>1,525.39</u>
<b>Total Expended</b>	<b>\$26,061.07</b>
<b>Total Assessed</b>	<b>\$24,600.00</b>
<b>P.A.C. Deposit</b>	<b>\$1,461.07</b>

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**QUALIFICATIONS**

I, Bradford J. Cooke, am a professional geologist with a consulting business, Cooke Geological Consultants Ltd., located at 100-455 Granville St., Vancouver, B.C., V6C 1T1.

I obtained a B.Sc. Honours Geology degree at Queen's University, Kingston, Ontario in 1976 and I completed a M.Sc. Geology degree at the University of British Columbia, Vancouver, B.C. in 1984.

I have worked in mineral exploration, both seasonally and full-time, since 1975 and have performed geological field work since 1973.

I am a Fellow of the Geological Association of Canada, a Member of the Canadian Institute of Mining and Metallurgy, and a Member of the British Columbia-Yukon Chamber of Mines.

I personally reviewed the literature on the Veritas property and supervised the work on the claims.

I have no interest, nor do I expect to receive any interest, in the securities or properties of Coral Energy Corp.

I consent to the inclusion of this report in a Prospectus or other qualifying documents for the purpose of raising funds through the Vancouver Stock Exchange or other financial institutions.

**Bradford J. Cooke  
Cooke Geological Consultants Ltd.  
September 12, 1986**

APPENDIX 1: Analytical Procedures



Routine Gold-Assay Procedures  
Used by Min-En Labs. Ltd.

1. Samples are received, cataloged and dried at 105°C if necessary.
2. Whole sample is passed through a primary crusher which reduces sample to  $\frac{1}{2}$  inch.
3. Whole sample is further passed through a secondary crusher which further reduces the sample to -10 mesh.
4. The whole sample is riffled through a  $\frac{1}{2}$  inch riffle to obtain a subsample of approx 300-400 grams. The remaining reject is bagged and stored.
5. The above 300-400 gram split is then pulverized to obtain -100 mesh using an iron plate rotary mill pulverizer.
6. Sample pulp is now rolled and analysed.
7. The sample pulp is assayed for gold using a 1 assay ton fire assay preconcentration and atomic absorption finishing techniques.
8. The remaining sample pulp is retained and stored.

## *MIN-EN Laboratories Ltd.*

*Specialists in Mineral Environments*

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NORTH VANCOUVER, B.C.  
CANADA V7M 1T2

### FIRE GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Fire Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95<sup>o</sup>C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 15.00 or 30.00 grams are fire assay preconcentrated.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 1 ppb.

## *MIN-EN Laboratories Ltd.*

*Specialists in Mineral Environments*

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705 WEST 15TH STREET  
NORTH VANCOUVER, B.C.  
CANADA V7M 1T2

### GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with  $\text{HNO}_3$  and  $\text{HClO}_4$  mixture.

After pretreatments the samples are digested with Agua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl ~~Ketone~~ ~~--- 00~~

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

# *MIN-EN Laboratories Ltd.*

*Specialists in Mineral Environments*

Corner 15th Street and Bewicke  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C.  
CANADA V7M 1T2

## ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK - 26 ELEMENT ICP

Ag, Al, As, B, Bi, Ca, Cd, Co, Cu, Fe, K, Mg, Mn, Mo,  
Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with HNO<sub>3</sub> and HClO<sub>4</sub> mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Computer operated Jarrell Ash 9000 ICP. Inductively coupled Plasma Analyser. Reports are formatted by routing computer dotline print out.

APPENDIX 2:      **Assay Certificates**

# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

## ANALYTICAL REPORT

Project CE-86-V1 (Veritas) Date of report July 17, 1986.

File No. 6-465 Date samples received July 14, 1986.

Samples submitted by: .....

Company: Cooke Geological Consultants

Report on: 201 soils Geochem samples

..... Assay samples

Copies sent to:

1. Cooke Geological Consultants, Vancouver, BC

2. ....

3. ....

Samples: Sieved to mesh -80 Ground to mesh .....

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: 6 element trace ICP. Au-fire.

Remarks: .....

SPECIALISTS IN MINERAL ENVIRONMENTS

PROJECT NO: CE-86-VI (VERITAS)

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 6-465S/P1+2

ATTENTION: BRAD COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: JULY 17, 1986

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
L100E 100S	.4	1	34	14	3	29	1
L100E 75S	.1	38	74	28	9	97	3
L100E 50S	.2	1	39	15	5	57	2
L100E 25S	.5	4	49	24	7	121	2
L100E 00	.7	35	58	25	8	116	4
L100E 25N	.4	73	50	36	12	66	1
L100E 50N	.1	44	83	27	9	74	1
L100E 75N	.4	6	62	24	7	83	2
L100E 100N	.1	1	66	24	7	206	13
L100E 125N	.4	1	83	26	8	222	2
L100E 150N	.7	3	66	21	8	140	1
L100E 175N	.4	1	27	18	6	87	4
L100E 200N	.4	1	26	14	6	157	6
L100E 225N	N/S						
L100E 250N	.4	1	58	21	8	98	3
L100E 275N	.7	3	74	31	10	103	5
L200E 100S	.4	5	37	17	8	67	2
L200E 75S	.7	12	59	24	8	114	2
L200E 50S	.5	6	59	23	9	91	1
L200E 25S	N/S						
L200E 00	.7	7	49	30	10	65	2
L200E 25N	N/S						
L200E 50N	.7	16	63	27	9	183	3
L200E 75N	.5	2	64	24	9	69	1
L200E 100N	.4	1	74	23	8	61	1
L200E 125N	.7	1	46	20	8	63	1
L200E 150N	.7	6	48	21	9	83	2
L200E 175N	.7	1	37	20	8	96	1
L200E 200N	.4	6	28	20	6	54	2
L200E 225N	.1	17	58	30	8	68	1
L200E 250N	.5	4	54	31	9	70	1
L200E 275N	.3	1	51	25	8	62	1
L200E 300N	.2	1	38	22	7	53	2
L200E 325N	.4	1	47	24	7	118	2
L200E 350N	.5	1	55	22	10	116	1
L300E 150S	.4	210	54	36	14	208	1
L300E 125S	.4	17	65	27	10	78	1
L300E 100S	.1	13	83	25	10	151	2
L300E 75S	N/S						
L300E 50S	.4	1	65	22	10	75	1
L300E 25S	.4	7	51	25	10	147	1
L300E 00	.4	1	56	24	9	89	1
L300E 25N	.4	1	65	27	9	143	4
L300E 50N	.4	1	62	26	8	154	1
L300E 75N	.6	1	43	22	8	154	1
L300E 100N	.6	1	63	24	8	110	1
L300E 125N	.4	1	70	23	9	73	1
L300E 150N	.6	1	27	18	6	139	2
L300E 175N	.5	1	59	26	9	135	1
L300E 200N	.7	1	33	22	7	166	1
L300E 225N	.4	7	52	23	9	96	1
L300E 250N	.4	10	58	21	8	92	1
L300E 275N	.3	6	31	24	6	111	1
L300E 300N	.5	14	43	25	9	264	3
L400E 75S	1.2	188	219	83	23	485	29
L400E 50S	1.3	18	190	70	12	762	149
L400E 25S	N/S						
L400E 00	.7	59	84	32	10	206	10
L400E 25N	.5	80	64	31	12	127	1
L400E 50N	.4	2	54	25	8	70	2

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
L400E 75N	.3	4	43	24	7	314	3
L400E 100N	.1	1	37	20	6	254	2
L400E 125N	.4	1	30	23	7	77	4
L400E 150N	.6	1	42	23	7	126	1
L400E 175N	.3	1	60	22	8	75	8
L400E 200N	.4	3	81	26	9	59	1
L400E 225N	.3	6	52	23	6	100	1
L400E 250N	.4	20	21	18	6	178	2
L400E 275N	.6	23	51	33	10	118	1
L500E 300S	.5	1	29	23	8	53	1
L500E 275S	.1	7	44	28	9	270	1
L500E 250S	.1	12	17	33	10	75	1
L500E 225S	.1	4	47	20	8	320	2
L500E 200S	.1	<del>107</del>	55	34	17	168	5
L500E 175S	N/S						
L500E 150S	.9	1	58	23	9	78	1
L500E 125S	.3	33	39	33	11	70	1
L500E 100S	.3	1	38	22	7	180	2
L500E 75S	.4	9	48	25	9	84	1
L500E 50S	.6	17	35	26	9	78	1
L500E 25S	.5	15	26	30	9	130	2
L500E 00	.4	2	23	24	7	223	1
L500E 25N	.5	9	38	29	10	89	1
L500E 50N	.2	1	39	21	7	183	1
L500E 75N	.2	1	20	25	6	363	2
L500E 100N	.3	1	32	22	8	229	1
L500E 125N	.6	1	21	20	6	292	1
L500E 150N	.2	4	53	25	8	105	1
L500E 175N	.3	14	24	29	8	42	1
L500E 200N	.6	1	24	17	6	70	1
L500E 225N	.3	1	19	22	6	105	2
L500E 250N	N/S						
L500E 275N	.3	1	30	21	6	46	3
L600E 100S	.3	18	43	20	8	77	14
L600E 75S	.3	60	36	36	12	43	5
L600E 50S	.1	38	65	28	10	178	4
L600E 25S	.4	41	48	29	10	67	<del>30</del>
L600E 00	.5	21	34	27	10	71	6
L600E 25N	.4	12	31	21	8	102	4
L600E 50N	.4	10	<del>47</del>	37	11	237	2
L600E 75N	.4	1	49	24	8	170	1
L600E 100N	.5	17	22	37	11	45	3
L600E 125N	N/S						
L600E 150N	.6	3	49	26	9	48	5
L600E 175N	.6	8	47	30	10	71	3
L700E 275S	.7	2	37	28	10	29	1
L700E 250S	.3	21	69	33	11	41	1
L700E 225S	.8	1	29	25	10	47	1
L700E 200S	.2	<del>22</del>	<del>118</del>	55	19	411	2
L700E 175S	.1	23	8	41	15	1	2
L700E 150S	.2	40	29	35	12	81	1
L700E 125S	.4	7	34	27	8	81	1
L700E 100S	.6	6	25	24	8	109	1
L700E 75S	N/S						
L700E 50S	.3	2	24	19	6	72	1
L700E 25S	.2	11	53	26	9	50	2
L700E 00	.4	20	28	36	11	48	2
L700E 25N	<del>11</del>	42	20	40	11	86	10
L700E 50N	.3	10	29	23	7	63	2



(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
L700E 100N	.6	10	38	34	10	64	3
L700E 125N	.1	32	56	42	15	56	3
L700E 150N	N/S						
L800E 275S	.2	9	56	21	9	66	1
L800E 250S	.2	15	70	23	9	72	2
L800E 225S	.7	13	61	23	9	63	4
L800E 200S	.7	27	30	43	13	49	3
L800E 175S	.6	37	28	42	14	45	1
L800E 150S	N/S						
L800E 125S	N/S						
L800E 100S	N/S						
L800E 75S	.5	13	27	19	7	120	2
L800E 50S	.7	20	48	17	11	82	1
L800E 25S	.9	7	38	24	8	105	1
L800E 00	.7	3	47	27	9	93	1
L800E 25N	N/S						
L800E 50N	.6	1	30	22	7	87	1
L800E 75N	.8	28	75	34	13	37	2
L800E 100N	.7	12	63	29	12	65	7
L800E 125N	.8	1	28	25	7	79	5
L900E 25N	.6	1	34	23	7	107	2
L900E 50N	.9	3	33	25	8	68	1
L900E 75N	N/S						
L900E 100N	.8	18	53	35	11	64	1
L1000E 25N	N/S						
L1000E 50N	.9	15	71	37	12	34	5
L1000E 75N	.8	1	17	16	6	85	2
L1000E 100N	.8	1	10	16	5	29	1
L1000E 125N	.6	1	26	26	7	94	2
L1100E 700S	.9	1	28	17	6	111	1
L1100E 675S	.5	1	40	22	8	315	4
L1100E 650S	.7	4	68	19	9	247	3
L1100E 625S	.5	1	53	25	7	149	7
L1100E 600S	.7	25	53	35	13	236	2
L1100E 575S	N/S						
L1100E 550S	.7	73	53	35	13	163	4
L1100E 525S	.8	51	65	26	13	151	4
L1100E 500S	N/S						
L1100E 475S	.7	52	66	23	10	107	1
L1100E 450S	N/S						
L1100E 425S	.9	34	72	43	14	79	3
L1100E 400S	.6	9	94	27	9	198	5
L1100E 375S	.7	8	52	31	10	77	3
L1100E 350S	N/S						
L1100E 325S	N/S						
L1100E 300S	N/S						
L1100E 275S	N/S						
L1100E 250S	N/S						
L1100E 225S	.4	99	73	28	11	87	2
L1100E 200S	.7	18	53	33	11	88	2
L1100E 175S	N/S						
L1100E 150S	N/S						
L1100E 125S	N/S						
L1100E 100S	.4	10	91	38	12	192	1
L1100E 75S	.9	5	53	24	9	94	2
L1100E 50S	.6	13	74	23	9	121	7
L1100E 25S	.9	7	51	23	9	111	2
L1100E 00	N/S						
L1200E 450S	.6	1	6	7	3	110	1
L1200E 425S	.7	1	21	21	6	163	3

PROJECT NO: CE-86-V1 (VERITAS)

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 6-4658/P7+8

ATTENTION: BRAD COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: JULY 17, 1986

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
L1200E 400S	N/S						
L1200E 375S	.8	10	30	28	9	129	3
L1200E 350S	N/S						
L1200E 325S	.4	30	75	35	10	105	4
L1200E 300S	N/S						
L1200E 275S	N/S						
L1200E 250S	N/S						
L1200E 225S	.5	5	57	24	8	93	1
L1200E 200S	N/S						
L1200E 175S	.4	3	42	20	6	182	5
L1200E 150S	.7	7	37	20	7	129	3
L1200E 125S	.7	8	37	18	7	97	3
L1200E 100S	.4	14	52	35	10	36	2
L1200E 75S	N/S						
L1200E 50S	.3	5	61	30	10	33	2
L1200E 25S	.6	9	62	39	11	33	4
L1200E 00	N/S						
L1200E 25N	N/S						
L1200E 50N	N/S						
L1200E 75N	N/S						
L1200E 100N	N/S						
L1200E 125N	N/S						
L1200E 150N	N/S						
L1200E 175N	N/S						
L1200E 200N	N/S						
L1200E 225N	N/S						
L1200E 250E	N/S						
L1200E 275N	N/S						
L1300E 325S	.6	13	83	39	13	29	3
L1300E 300S	N/S						
L1300E 275S	N/S						
L1300E 250S	N/S						
L1300E 225S	.1	9	52	37	11	32	6
L1300E 200S	.1	24	93	35	13	52	3
L1300E 175S	.4	17	55	34	12	38	1
L1300E 150S	.5	13	62	38	12	41	4
L1300E 125S	.7	13	72	36	12	135	3
L1300E 100S	.4	8	40	31	10	64	3
L1300E 75S	.5	14	74	36	12	56	1
L1300E 50S	.3	9	61	35	11	95	2
L1300E 25S	.3	11	44	32	11	30	4
BL 425E	.5	77	42	34	13	153	2
BL 450E	.7	63	34	35	13	77	1
BL 475E	.9	8	29	23	9	233	2
BL 500E	N/S						
BL 525E	.7	12	49	23	8	145	2
BL 550E	.9	36	83	44	14	113	3
BL 575E	.8	6	34	21	8	154	1
BL 600E	N/S						
BL 625E	.5	1	38	18	7	68	1
BL 650E	.8	72	33	44	15	86	13
BL 675E	.7	42	34	30	10	79	2
BL 700E	N/S						
BL 725E	.8	38	76	64	23	79	16
BL 750E	.8	38	76	28	14	129	1
BL 775E	.7	10	65	31	10	107	1
BL 800E	N/S						
BL 825E	.5	3	42	31	10	97	1
BL 850E	.8	44	78	40	14	273	2
BL 875E	.8	41	33	24	11	179	1

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
BL 900E N/S							
BL 925E	.7	21	81	30	14	83	1
BL 950E	.7	10	48	23	10	82	2
BL 975E	.5	1	36	23	5	38	1
BL 1000E N/S							
BL 1025E	.3	7	48	22	8	92	4
BL 1050E	.5	8	51	18	8	208	2
BL 1075E	.5	15	61	24	11	65	3
BL 1100E	.4	22	68	34	12	38	1
BL 1125E	.5	13	77	34	12	37	6
BL 1150E	.4	14	61	34	11	31	1
BL 1175E	.4	13	65	32	11	28	1
BL 1200E	.9	12	64	36	11	91	11
BL 1225E N/S							
BL 1250E N/S							
BL 1275E N/S							
L400E 125S EXTRA	.5	47	45	21	9	58	8
L600E 300S EXTRA	.5	14	61	22	8	131	2
L600E 275S EXTRA	.3	42	48	27	9	153	1
L600E 250S EXTRA	.6	75	79	28	12	94	1
L600E 175S EXTRA	.5	42	48	37	16	104	1
L600E 150S EXTRA	.6	42	58	45	17	83	2

# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

## ANALYTICAL REPORT

Project ..... **CE 86 V1 Veritas** ..... Date of report ..... **August 20, 1986.**  
File No. .... **6-603** ..... Date samples received ..... **August 11, 1986.**  
Samples submitted by: ..... **Brad Cooke** .....  
Company: ..... **Cooke Geological Consultants** .....  
Report on: ..... **222 soils** ..... **Geochem samples**  
.....  
..... **Assay samples**

### Copies sent to:

1. **Cooke Geological Consultants, Vancouver, B.C.**
2. ....
3. ....

Samples: Sieved to mesh ..... **-80** ..... Ground to mesh .....

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: ..... **6 element trace ICP. Au-wet** .....

Remarks: .....

SPECIALISTS IN MINERAL ENVIRONMENTS

(VALUES IN PPM )	AG	AS	CU	PB	SB	ZN	AU-PPB
L2+00S 0+25E	.6	10	51	35	7	124	5
L2+00S 0+50E	.4	100	57	40	12	111	10
L2+00S 0+75E	2.0	56	72	64	12	216	5
L2+00S 1+00E	.5	1	34	23	1	130	10
L2+00S 1+25E	.5	8	46	31	5	109	5
L2+00S 1+50E	.5	1	40	20	1	154	5
L2+00S 1+75E	.5	1	26	8	1	164	15
L2+00S 2+00E	.9	1	75	19	1	327	5
L2+00S 2+25E	.6	8	44	27	3	201	5
L2+00S 3+00E	.5	27	43	32	3	254	3
L2+00S 3+50E	.6	30	39	39	9	425	5
L2+00S 3+75E	.5	9	38	28	2	657	10
L2+00S 4+00E	.6	14	62	30	1	172	5
L4+00S 0+25E	.5	5	58	35	5	135	5
L4+00S 0+50E	.6	1	44	22	1	95	5
L4+00S 0+75E	.5	1	35	21	1	214	10
L4+00S 1+25E	.6	1	85	9	1	155	5
L4+00S 1+50E	.6	1	65	16	1	112	5
L4+00S 2+00E	.5	1	73	19	1	102	5
L4+00S 2+25E	.8	5	84	34	1	139	10
L4+00S 2+50E	.6	6	88	33	1	154	5
L4+00S 2+75E	.5	13	73	36	4	145	5
L4+00S 3+00E	.6	12	83	41	6	159	5
L4+00S 3+25E	.5	3	106	42	5	116	5
L4+00S 3+50E	.4	1	49	40	8	107	5
L4+00S 3+75E	.6	7	88	45	5	148	5
L4+00S 4+25E	.6	10	83	45	6	110	5
L4+00S 4+50E	.7	46	80	47	7	197	10
L4+00S 4+75E	.3	56	37	27	4	493	5
L4+00S 5+00E	.4	60	88	42	7	182	5
L4+00S 5+50E	.6	156	59	52	9	341	15
L4+00S 5+75E	.5	75	39	34	5	274	5
L4+00S 6+00E	.3	58	46	36	5	203	5
L4+00S 6+25E	.4	9	38	35	4	169	10
L4+00S 6+50E	.7	19	80	32	4	122	5
L4+00S 6+75E	.3	1	40	15	2	136	5
L4+00S 7+00E	.4	1	28	20	4	95	5
L4+00S 7+25E	.4	1	25	16	4	54	5
L4+00S 7+50E	.5	1	49	17	3	107	10
L4+00S 7+75E	.7	1	75	17	1	150	5
L4+00S 8+00E	.4	1	32	7	1	73	5
L4+00S 8+25E	.4	1	39	13	3	130	5
L4+00S 8+50E	.4	39	96	47	13	88	5
L4+00S 8+75E	.6	14	92	36	6	123	10
L4+00S 9+00E	.7	37	65	42	7	126	5
L4+00S 9+25E	.7	1	48	15	1	85	5
L6+00S 9+75E	.9	10	128	47	5	164	5
L6+00S 9+50E	.9	13	119	46	6	152	5
L6+00S 9+75E	.6	3	81	38	7	154	5

(VALUES IN PPM )	AG	AS	CU	PB	SB	ZN	AU-PPB
*86-1	32.8	31	168	750	16	2600	5
*CHE1	3.5	-2	66	148	9	158	5
L6+00S 9+00E	.4	7	48	33	6	137	5
L6+00S 8+75E	.5	1	42	33	6	213	15
L6+00S 8+50E	.5	-8	23	22	3	362	5
L6+00S 8+25E	.5	1	39	30	5	154	5
L6+00S 8+00E	.4	3	54	41	6	137	10
L6+00S 7+75E	.4	-2	44	24	4	130	5
L6+00S 7+50E	.4	-2	45	16	3	130	5
L6+00S 7+00E	.5	37	84	51	9	142	5
L6+00S 6+00E	.5	13	60	37	6	124	20
*86-1	32.8	31	168	750	16	2600	5
*CHE1	3.5	-16	63	141	9	148	5
L6+00S 5+75E	.7	3	49	30	3	135	5
L6+00S 5+50E	.9	-5	54	34	2	211	5
L6+00S 5+25E	.6	27	52	24	4	103	5
L6+00S 5+00E	.6	-7	72	27	4	197	5
L6+00S 4+75E	.8	8	93	46	7	182	5
L6+00S 4+50E	.5	-2	54	35	5	122	5
L6+00S 4+25E	.5	74	61	27	19	138	5
L6+00S 4+00E	.7	13	74	34	7	127	5
L6+00S 3+75E	.7	65	80	44	12	147	5
L6+00S 3+50E	.6	16	68	26	6	93	5
L6+00S 3+25E	.7	3	99	34	4	127	10
L6+00S 3+00E	.7	10	83	33	5	140	5
L6+00S 2+75E	.7	8	96	42	3	142	15
L6+00S 2+50E	.5	1	62	30	5	110	5
L6+00S 2+25E	.4	-0	63	26	4	127	5
*STDE2	2.9	-11	58	140	9	70	5
*CHE1	3.4	-13	62	129	8	133	5
*86-1	32.8	31	168	750	16	2600	5
*86-1	32.8	31	168	750	16	2600	5
*CHE1	3.4	-7	65	142	9	158	5
L6+00S 2+00E	.5	1	67	35	6	139	5
L6+00S 1+75E	.3	8	82	50	7	154	3
L6+00S 1+50E	.5	-4	40	23	4	118	5
L6+00S 1+00E	.5	10	73	35	6	96	5
L6+00S 0+75E	.6	40	100	49	11	131	5
L6+00S 0+50E	.5	6	54	44	4	109	5
L6+00S 0+25E	.6	-5	52	29	4	164	5
L6+00S 0+00	.4	-5	54	17	5	86	3
L6+00S 0+25W	.4	-4	56	28	4	115	5
L6+00S 0+50W	.5	5	56	26	4	117	5
L6+00S 1+00W	.5	0	45	20	4	112	10
L6+00S 1+25W	.5	1	55	40	6	129	5
L6+00S 1+50W	.7	4	69	40	5	132	5
*86-1	32.8	31	168	750	16	2600	5
*CHE1	3.6	-5	64	164	10	165	5
L6+00S 1+75W	.7	6	57	34	2	143	10
L6+00S 2+00W	.8	8	77	46	6	135	5
L6+00S 2+25W	.8	6	67	47	6	131	5
L6+00S 2+50W	.7	4	152	43	5	312	5
L6+00S 2+75W	.7	3	57	30	5	150	5
L6+00S 3+00W	.6	-6	63	33	4	142	5
L6+00S 3+25W	.8	-2	35	20	4	107	5
L6+00S 3+50W	1.0	5	123	38	5	217	10
L6+00S 3+75W	.8	0	59	35	5	128	5
L6+00S 4+00W	.8	2	55	40	6	157	5
L8+00S 10+00E	.6	13	43	37	7	166	3
L8+00S 9+50E	.6	-8	50	35	5	236	5

VOID - LAB WORKSHEET

(VALUES IN PPM )	AG	AS	CU	PB	SB	ZN	AU-PPB
LB+00S 8+75E	.7	1	39	24	5	94	5
LB+00S 8+50E	.6	1	63	23	6	109	10
LB+00S 8+25E	.8	1	103	22	4	108	5
LB+00S 8+00E	.5	4	73	23	5	110	3
LB+00S 7+75E	.7	1	61	21	5	143	5
LB+00S 7+50E	.6	1	40	13	4	128	10
LB+00S 7+00E	.6	8	84	16	3	138	5
LB+00S 6+75E	.7	12	63	33	6	114	5
LB+00S 6+50E	.6	1	48	15	1	85	5
LB+00S 5+75E	.6	4	85	22	4	131	10
LB+00S 5+50E	.7	1	75	22	4	159	5
LB+00S 5+25E	.6	14	99	33	13	122	5
LB+00S 5+00E	.7	16	38	20	5	154	5
LB+00S 4+75E	.6	41	84	24	9	96	5
LB+00S 4+50E	1.3	90	133	52	17	126	15
LB+00S 4+25E	.7	7	97	25	6	110	5
LB+00S 4+00E	.6	8	133	27	8	119	10
LB+00S 3+75E	.8	73	100	47	20	112	5
LB+00S 3+25E	.6	1	82	14	4	137	5
LB+00S 3+00E	.7	1	110	23	3	167	5
LB+00S 2+75E	.6	1	60	27	3	277	10
LB+00S 2+50E	.8	1	54	19	3	93	5
LB+00S 2+25E	.7	1	81	32	6	105	10
LB+00S 1+50E	.7	2	102	31	9	131	5
LB+00S 1+00E	.5	1	120	28	7	94	5
LB+00S 0+75E	.3	1	50	29	5	233	5
LB+00S 0+50E	.5	1	80	28	2	97	5
LB+00S 0+00E	.7	1	116	31	1	258	5
LB+00S 0+25W	.8	1	72	25	1	129	10
LB+00S 0+50W	.5	1	50	21	1	106	10
LB+00S 0+75W	.7	1	51	24	1	115	5
LB+00S 1+00W	1.0	9	106	36	1	118	5
LB+00S 2+00W	1.1	1	109	36	1	232	5
LB+00S 2+25W	.7	1	60	22	2	101	15
LB+00S 3+00W	.9	1	83	30	1	144	10
LB+00S 3+25W	.8	1	72	32	1	164	5
LB+00S 3+50W	.8	1	80	27	1	178	5
LB+00S 3+75W	.8	1	60	21	1	143	3
LB+00S 4+00W	1.1	66	151	38	18	158	5
LB+00S 4+25W	.7	4	74	24	1	141	5
LB+00S 5+25W	.9	1	54	21	1	98	10
LB+00S 5+50W	.6	1	43	18	3	179	5
LB+00S 5+75W	.5	1	54	17	2	204	5
LB+00S 6+00W	.6	2	105	23	7	220	5

PROJECT NO: CE 86 VI VERITAS

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 6-603S/P7+8

ATTENTION: BRAD COOKE

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

\* TYPE SOIL GEOCHEM \*

DATE: AUGUST 20, 1986

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
LB+00S 6+50W	.6	1	50	6	2	120	5
LB+00S 6+75W	.5	1	112	21	6	105	5
LB+00S 7+00W	1.1	17	208	38	6	271	5
LB+00S 7+25W	.7	5	133	18	4	157	5
LB+00S 7+50W	.7	18	201	41	8	166	5
LB+00S 8+00W	.8	1	71	24	1	239	15
LB+00S 8+25W	.8	1	68	24	1	149	10
LB+00S 8+50W	.8	4	135	29	5	841	10
LB+00S 8+75W	.7	1	45	28	3	151	5
LB+00S 9+00W	.6	1	54	27	4	136	5
LB+00S 9+25W	.6	1	37	19	4	236	5
LB+00S 9+50W	.5	1	40	20	2	130	5
LB+00S 9+75W	.7	2	45	23	2	140	5
LB+00S 10+00W	.8	1	55	21	1	230	5
L10+00S 10+00E	.6	3	40	22	2	131	5
L10+00S 9+75E	1.0	28	74	44	8	195	5
L10+00S 9+50E	.7	27	83	52	8	141	5
L10+00S 9+25E	.9	10	68	20	3	113	5
L10+00S 9+00E	.7	27	102	35	6	140	5
L10+00S 8+75E	.6	1	56	24	1	136	5
L10+00S 8+50E	.7	42	74	25	5	139	5
L10+00S 8+25E	.7	10	72	26	3	121	10
L10+00S 8+00E	.5	3	48	25	2	122	5
L10+00S 7+75E	.9	10	81	22	2	125	5
L10+00S 7+50E	.5	4	87	31	7	100	15
L10+00S 7+25E	.7	5	100	24	4	96	5
L10+00S 7+00E	.9	25	125	45	8	172	5
L10+00S 6+75E	.6	9	66	30	7	93	5
L10+00S 6+50E	1.1	20	60	27	1	159	5
L10+00S 6+25E	.8	27	88	36	2	193	5
L10+00S 6+00E	.9	1	70	23	1	171	5
L10+00S 5+75E	1.0	2	85	28	1	124	5
L10+00S 5+50E	1.3	188	122	31	22	96	180
L10+00S 5+25E	.9	84	79	30	10	177	5
L10+00S 5+00E	1.1	52	95	36	1	163	10
L10+00S 4+75E	.8	90	68	28	18	110	5
L10+00S 4+50E	.7	1	58	22	1	137	5
L10+00S 4+25E	.9	1	97	23	1	186	10
L10+00S 4+00E	.8	1	51	17	1	135	5
L10+00S 3+75E	1.0	1	40	21	2	121	5
L10+00S 3+50E	.7	1	54	24	2	164	15
L10+00S 3+25E	1.0	1	76	31	9	118	5
L10+00S 3+00E	.9	1	69	25	1	100	5
L10+00S 2+75E	.9	1	61	25	1	106	10
L10+00S 2+50E	1.0	1	107	22	1	127	5
L10+00S 1+25E	.8	1	71	26	1	113	5
L10+00S 1+00E	.8	1	86	24	1	74	5
L10+00S 0+50E	1.0	1	95	23	1	132	5
L10+00S 0+00	1.1	1	73	20	1	144	5
L10+00S 0+50W	.9	1	70	23	1	151	10
L10+00S 0+75W	.9	4	145	29	3	186	5



(VALUES IN PPM )	AG	AS	CU	PB	SB	ZN	AU-PPB
L10+00S 2+50W	.8	1	79	30	2	127	5
L10+00S 2+75W	1.4	27	202	48	8	192	10
L10+00S 4+25W	1.0	1	58	22	1	126	3
L10+00S 4+50W	1.1	1	66	28	1	213	10
L10+00S 5+25W	.9	1	56	30	1	166	5
L10+00S 5+50W	.4	1	24	18	1	128	5
L14+00S 10+00E	.4	1	25	16	2	96	5
L14+00S 9+75E	.6	1	30	15	3	75	5
L14+00S 7+50E	.6	2	43	25	4	98	10
L14+00S 7+25E	.9	1	47	28	1	138	5
L14+00S 7+00E	.9	5	66	28	3	129	10
L14+00S 6+75E	1.0	23	126	41	7	170	5
L14+00S 5+25E	.7	31	46	32	10	88	5
L14+00S 4+75E	.8	1	72	26	5	98	5
L14+00S 4+50E	.2	1	38	21	3	135	3
L14+00S 4+25E	.5	1	51	21	3	104	5
L14+00S 3+75E	.7	7	79	24	5	124	5
L14+00S 3+00E	1.0	12	119	32	6	112	3

# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

## ANALYTICAL REPORT

Project CE 86 VI Date of report August 14, 1986.

File No. 6-603 Date samples received August 11, 1986.

Samples submitted by: .....

Company: Cooke Geological Consultants

Report on: ..... Geochem samples

..... 30 ..... Assay samples

Copies sent to:

1. Cooke Geological Consultants, Vancouver, B.C.

2. ....

3. ....

Samples: Sieved to mesh ..... Ground to mesh -100

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: Au-fire. 6 element trace ICP.

Remarks: .....

SPECIALISTS IN MINERAL ENVIRONMENTS

PROJECT NO: CE B6 V1

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 6-603

ATTENTION: BRAD COOKE

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

\* TYPE ROCK GEOCHEM \* DATE: AUGUST 14, 1986

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN
V002	1.9	259	254	273	13	49
V003	1.4	174	251	292	15	35
V004	.5	40	15	107	2	40
V005	1.4	262	65	36	5	107
V006	2.9	255	312	95	31	17
V007	.4	1	6	33	2	22
V008	1.0	368	38	92	9	46
V009	1.1	96	36	84	6	75
V0010	.8	77	112	69	3	56
V0011	1.1	320	159	86	17	13
V0012	1.1	246	260	92	25	1
V0013	2.4	317	293	38	16	95
V0014	3.8	314	300	110	14	160
V0015	.3	5	17	21	2	10
V0016	1.9	264	381	160	14	232
V0017	1.3	231	205	97	11	49
V0018	1.0	155	110	79	19	11
V0019	.7	210	71	96	18	1
V0020	.6	45	298	67	8	12
V0021	2.1	344	100	85	9	95
V0022	.6	76	128	35	2	42
V0023	1.3	177	279	75	7	58
V0024	.7	133	184	60	5	62
V0025	1.2	202	156	114	9	174
V0026	.8	363	92	78	6	92
V0027	1.0	304	141	96	6	113
V0028	1.1	187	92	62	4	76
V0029	3.0	387	75	208	11	2159
V0030	.7	361	121	77	14	58
V0031	.8	215	75	100	14	34

**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

**Certificate of ASSAY**

Company: COOKE GEOLOGICAL CONSULTANTS  
Project: CE 86 V1  
Attention: BRAD COOKE

File: 6-603  
Date: AUGUST 14/86  
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
V 002	.25	0.007
V 003	1.10	0.032
V 004	2.61	0.076
V 005	1.33	0.039
V 006	.20	0.006
V 007	.01	0.001
V 008	.01	0.001
V 009	.04	0.001
V 0010	.02	0.001
0011	.01	0.001
V 0012	.01	0.001
V 0013	.03	0.001
V 0014	.21	0.006
V 0015	.01	0.001
V 0016	.08	0.002
V 0017	.02	0.001
V 0018	.02	0.001
V 0019	.01	0.001
V 0020	.03	0.001
V 0021	.39	0.011
V 0022	.07	0.002
V 0023	.16	0.005
V 0024	.06	0.002
V 0025	.01	0.001
V 0026	.17	0.005
V 0027	.13	0.004
V 0028	.09	0.003
V 0029	.23	0.007
V 0030	.10	0.003
V 0031	.04	0.001

Certified by \_\_\_\_\_

  
MIN-EN LABORATORIES LTD.

APPENDIX 3:      **Underground Plans**

APPENDIX 4: Petrographic Report

# Handwritten notes: Petrographic Report

Date: Feb. 24, 86

## Origin of Samples: Veritas

Mineralogy and Texture: Mineralogy consists of asp, cp, gl, py and gold hosted in massive, milky quartz. The sulfides are hosted in sub-parallel fracture fillings, in occasional patches, and as disseminated crystals in the quartz. Asp & py display various inter-growth textures varying from caries to euhedral penetration by one into the other. Both asp & py display a corroded appearance in the fracture fillings as compared to a preference for euhedral form as isolated crystals imbedded in quartz. Cp occurs as rare, ragged patches, sometimes growing on asp & py, forming frontal contacts. Gl occurs as rare isolated groups of irregular patches proximal to the fracture fillings.

The quartz gangue consists of a fresher, relatively unfractured type, abutting a darker, stained, fractured zone which hosts most of the mineralization. Clay, talc, & qz accompany the sulfides in the fracture fillings as a dark, soft gangue.

sample #

①

Macroscopic - sample

consists of massive, milky, anhedral quartz penetrated by stringers and veinettes, in a semi planar attitude, consisting of sulphides, talc, limonite, & clay.

Sulphides visible

in hand specimen are asp & py.

Alteration products present are: limonite, talc, & clay in veinettes and as coatings (limonite).

PS. - 1a, 1b Microscopic - asp in 1a occurs as sub-to-euhedral crystals in stringers and veinlettes. Some grains appear broken. Disseminated arsenopyrite also occurs as an-to-euhedral crystals in quartz gangue. Some of these disseminated asp crystals have a corroded appearance.

gold was seen in PS-1a as a small ( $\approx 0.03\text{mm}$ ) flake  
Fluid inclusions are present and sometimes form patches, filled with gas bubbles and fluid.

PS: 1b is similar to 1a except that no gold was seen and asp occurs in pods & patches of an-to-euhedral crystals, often grown together, accompanied by talc & clay gangue.

Amounts: asp, 0.5%; gold, trace.

② Macroscopic - hand-sample consists of milky, massive, anhedral quartz penetrated by small veinlettes and fracture fillings of sulphides, talc, & clay. These areas of mineralization are semi-parallel, but patches and pods as well as fracture fillings oriented perpendicular to the main planes of mineralization also occur.

Sulphides visible in hand specimen are asp & py.

Alteration products present are green talc, in veinlettes as well as in patches, limonite as patches, and clay, in veinlettes. The gangue in the veinlettes is black (perhaps an indication of graphite?).



P.S. - 2

Microscopic - asp is present as an-to-euhedral crystals in veinlettes accompanied by clay, talc, & qtz (secondary?) gangue and, py and cp. Asp also exists as disseminated sub-to-euhedral crystals in the main quartz gangue. In the veinlettes asp often has a corroded appearance displaying carres to semivermicular texture in its contacts with the gangue minerals.

py is present in and proximal to the veinlettes in similar form and texture as asp. Some intergrown py & asp occurs in which asp sometimes shows euhedral form against py. Some py inclusions in asp are also present.

Amounts: asp, 1%; py 0.2%

③

Macroscopic - the most striking aspect of this hand specimen is the evidence of zonation. Two zones are identifiable. The first is a milky white quartz zone containing very sparse mineralization and very few fracture fillings. The second zone consists of quartz penetrated by abundant, discontinuous fracture fillings as well as patches of mineralization.

Mineralization consists of asp & py accompanied by talc, clay, & limonite in fracture fillings and patches.

P.S. - 3

Microscopic - asp occurs in similar fashion to P.S. - 1 & 2

py occurs in similar fashion to P.S. - 1 & 2

cp occurs as rare, tattered flakes in and proximal to the veinlettes.

gl occurs as rare, corroded patches in rare groups proximal to the veinlettes.

limonite is present in the veinlettes as an alteration product of py.

Amounts: asp, 0.5%; py, 1%; cp, trace;  
gl, trace.

Paragenesis: The vein seems to consist of two zones: (see sample #3)

i) a massive milky, white quartz zone showing relatively mild fracturing.

ii) a massive, fractured & discoloured quartz zone, containing the bulk of the sulphides.

This seems to suggest a two stage depositional process in the formation of the vein quartz or preferential deposition in zones of higher fracture density with accompanying discolouration of the vein matter in that area.

The second zone exhibits another textural characteristic. In polished section crystals of an-to subhedral quartz seem suspended in massive anhedral quartz of lesser porosity.

Sulphide deposition was probably closely linked to the second phase of quartz deposition, (second zone) This is indicated by the preferential deposition of the bulk of the sulfides in the fracture filling of the second zone.

The sequence of sulphide deposition seems to be: asp & py being deposited simultaneously followed by cp & gl (not necessarily in that order) Gold deposition cannot be related to the above sequence, purely because not enough textural information is present.

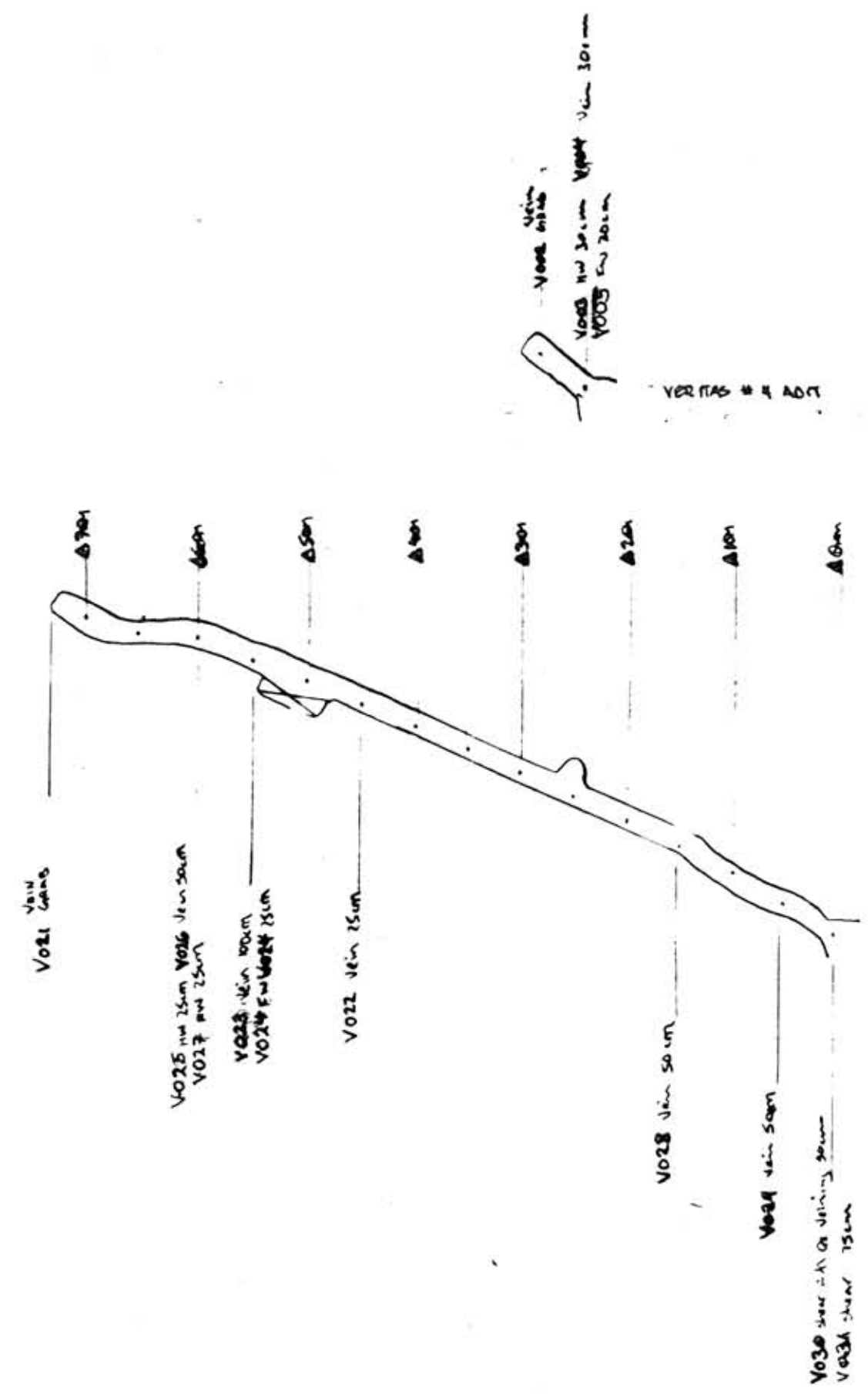
The corroded looking asp, cp, & py crystal in the fracture fillings suggest continuing hydrothermal activity after their deposition.

Gangue in the fracture fillings consists of secondary quartz, talc, & some clay. The talc is in all likelihood an alteration product derived from the associated ultrabasic rocks of the President intrusives.



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

# 15,209



VERITAS # 3 ADIT

CORAL ENERGY CORPORATION LTD		
VERITAS PROPERTY		
UNDERGROUND PLAN & SAMPLE LOCATIONS		
VERITAS # 2 + 3 ADIT		
COCKE GEOLOGICAL CONSULTANTS LTD		
BY J. Robins	SCALE 1:500	
DATE AUG 6/81	NTS 92J 15 W	

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

15,209

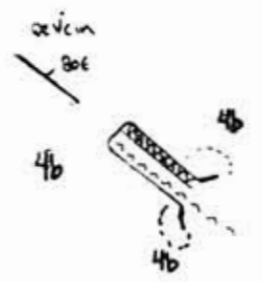


GEOLOGY

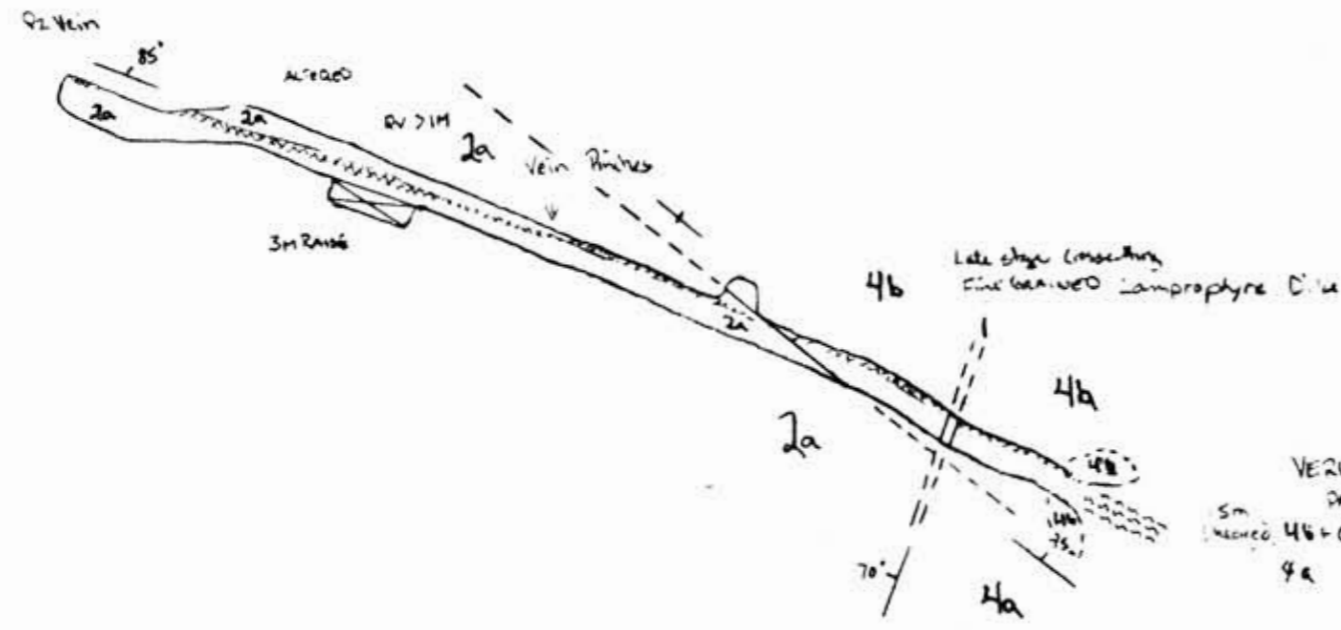
- 1 MAFIC DIKE: chloritized (amphibole?)
  - 2 FELSIC PORPHYRY DIKE: 2a-feldspar porphyry; 2b-feldspar, hornblende porphyry
- TRIASSIC
- 3 DIORITE (BRALORNE INTRUSIVES): 3a-sugite diorite (medium grained); 3b-diorite greenstone (fine grained); 3c-gabbro
  - 4 ULTRAMAFIC (PRESIDENT INTRUSIVES?): 4a-serpentinite; 4b-quartz carbonate fuchsite altered ultramafics; 4c-peridotite
  - 5 VOLCANICS (HURLEY FORMATION?): 5a-fine to medium grained andesite volcanics;
  - 6 SEDIMENTS (HURLEY FORMATION): 6a-argillite, limy often graphitic, fine laminated; 6b-carbonaceous sandstone; 6c-recrystallized blue limestone; 6d-argillite limestone conglomerate; 6e-chert, chert conglomerate breccia

LEGEND

- GEOLOGICAL CONTACT OBSERVED, ASSUMED
- FAULT
- FAULT BOUNDED CONTACT
- BEDDING ATTITUDE
- BEDDING ATTITUDE SHOWING TOPS
- ORIENTATION OF SHEAR, FAULT OR VEIN
- VEIN
- ROCK SAMPLE



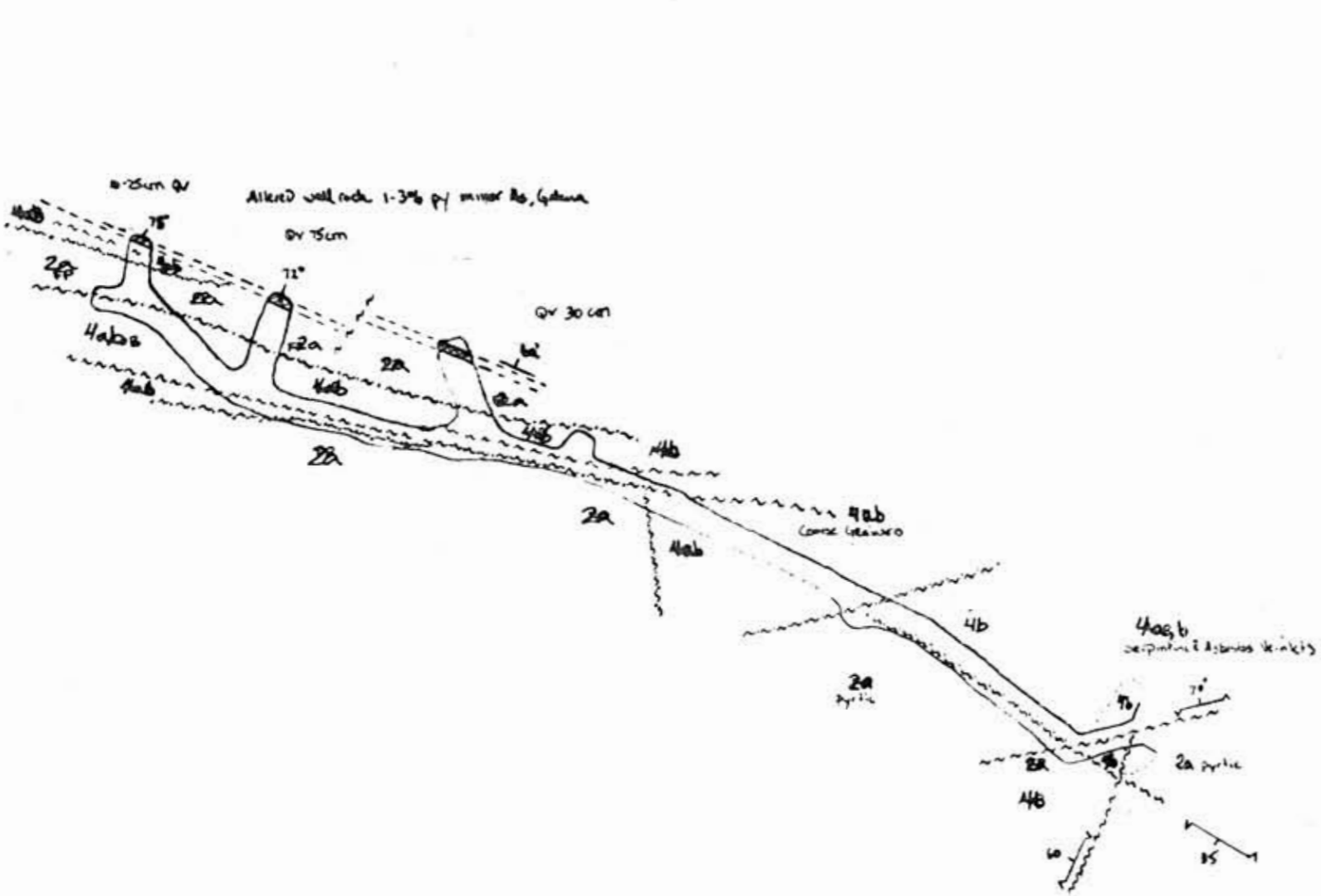
VERITAS # 4 ADIT  
PARTIALLY USED



VERITAS # 3 ADIT  
PARTIALLY USED

5M RECHCO  
4b + QV  
4a

CORAL ENERGY CORPORATION LTD		
VERITAS PROPERTY		
UNDERGROUND GEOLOGY		
VERITAS # 2 & 3 ADITS		
LOOKE GEOLOGICAL CONSULTANTS LTD		
BY J. R. King	SCALE 1:500	
DATE 14/1/86	NES 92315 W	



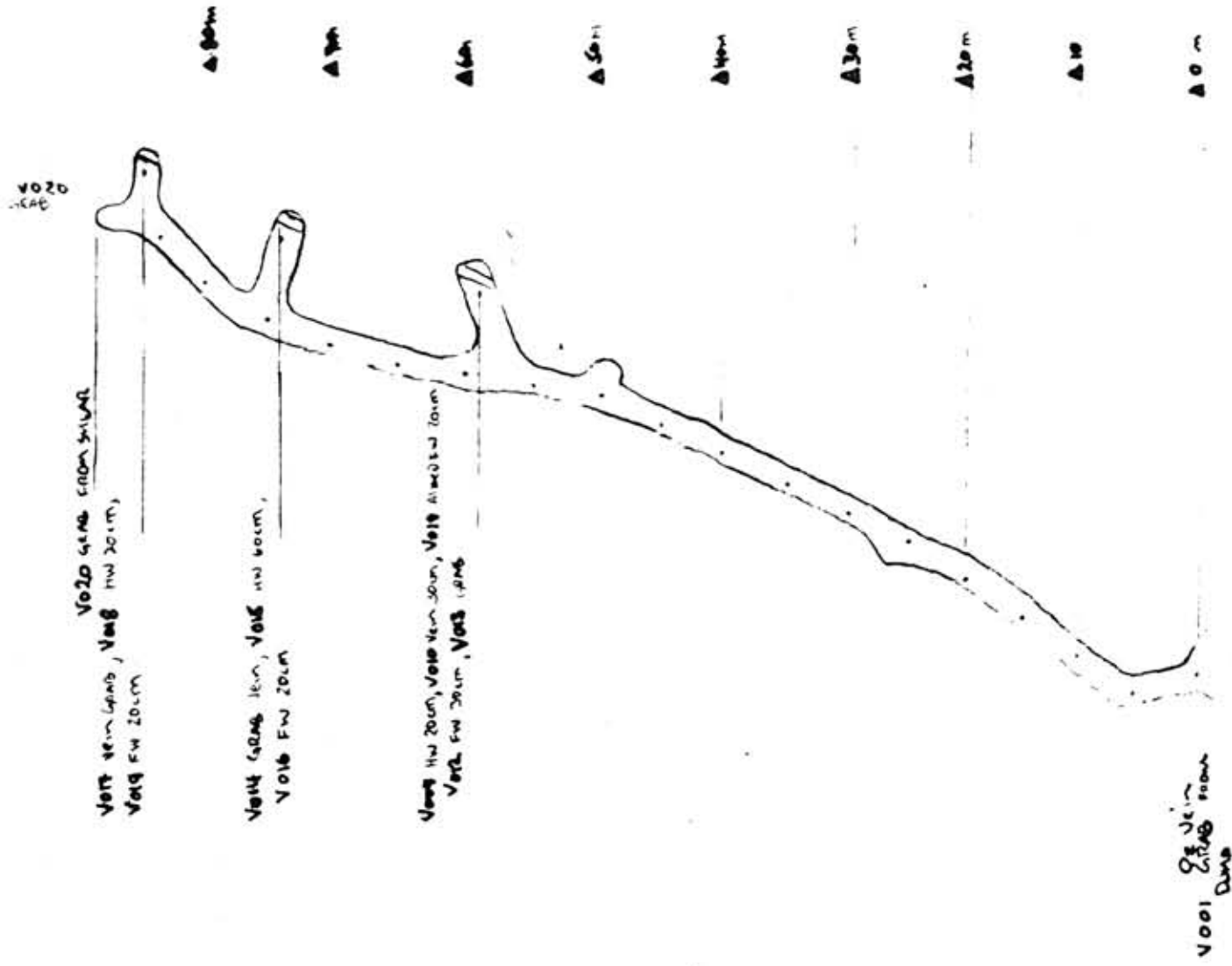
**GEOLOGY**

- 1 MAFIC DIKE: chloritized (amphiphyre?)
  - 2 FELSIC PORPHYRY DIKE: 2a-feldspar porphyry; 2b-feldspar hornblende porphyry
- TRIASSIC**
- 3 DIORITE (BRALORNE INTRUSIVES): 3a-sugite diorite (medium grained); 3b-diorite greenstone (fine grained); 3c-gabbro
  - 4 ULTRAMAFIC (PRESIDENT INTRUSIVES?): 4a-serpentinite; 4b-quartz carbonate fuchsite altered ultramafics; 4c-peridotite
  - 5 VOLCANICS (HURLEY FORMATION?): 5a-fine to medium grained andesitic volcanics;
  - 6 SEDIMENTS (HURLEY FORMATION): 6a-argillite, limy often graphitic, fine laminated; 6b-carbonaceous sandstone; 6c-recrystallized blue limestone; 6d-argillite limestone conglomerate; 6e-chert, chert conglomerate breccia

**LEGEND**

- GEOLOGICAL CONTACT OBSERVED, ASSUMED
- FAULT
- FAULT BOUNDED CONTACT
- BEDDING ATTITUDE
- BEDDING ATTITUDE SHOWING TOPS
- ORIENTATION OF SHEAR, FAULT OR VEIN
- VEIN
- ROCK SAMPLE

CORAL ENERGY CORPORATION LTD	
VERITAS PROPERTY	
UNDERGROUND GEOLOGY	
VERITAS # 2 ADIT	
INDUSTRIAL AREA	AREA 10-6C
COOKE GEOLOGICAL CONSULTANTS LTD	
BY J. ROBINSON	SCALE 1:500
DATE AUG 6/96	VD 92315 W

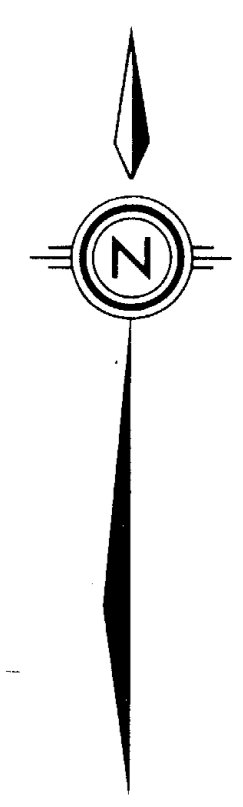


CORAL ENERGY CORPORATION LTD		
VERITAS PROPERTY		
UNDERGROUND PLAN & SHAFT LOCATIONS		
VERITAS #2 ADIT		
COOKE GEOLOGICAL CONSULTANTS LTD		
BY J. ROBINS	SCALE 1:500	
DATE AUG 6/88	NTS REV 15W	

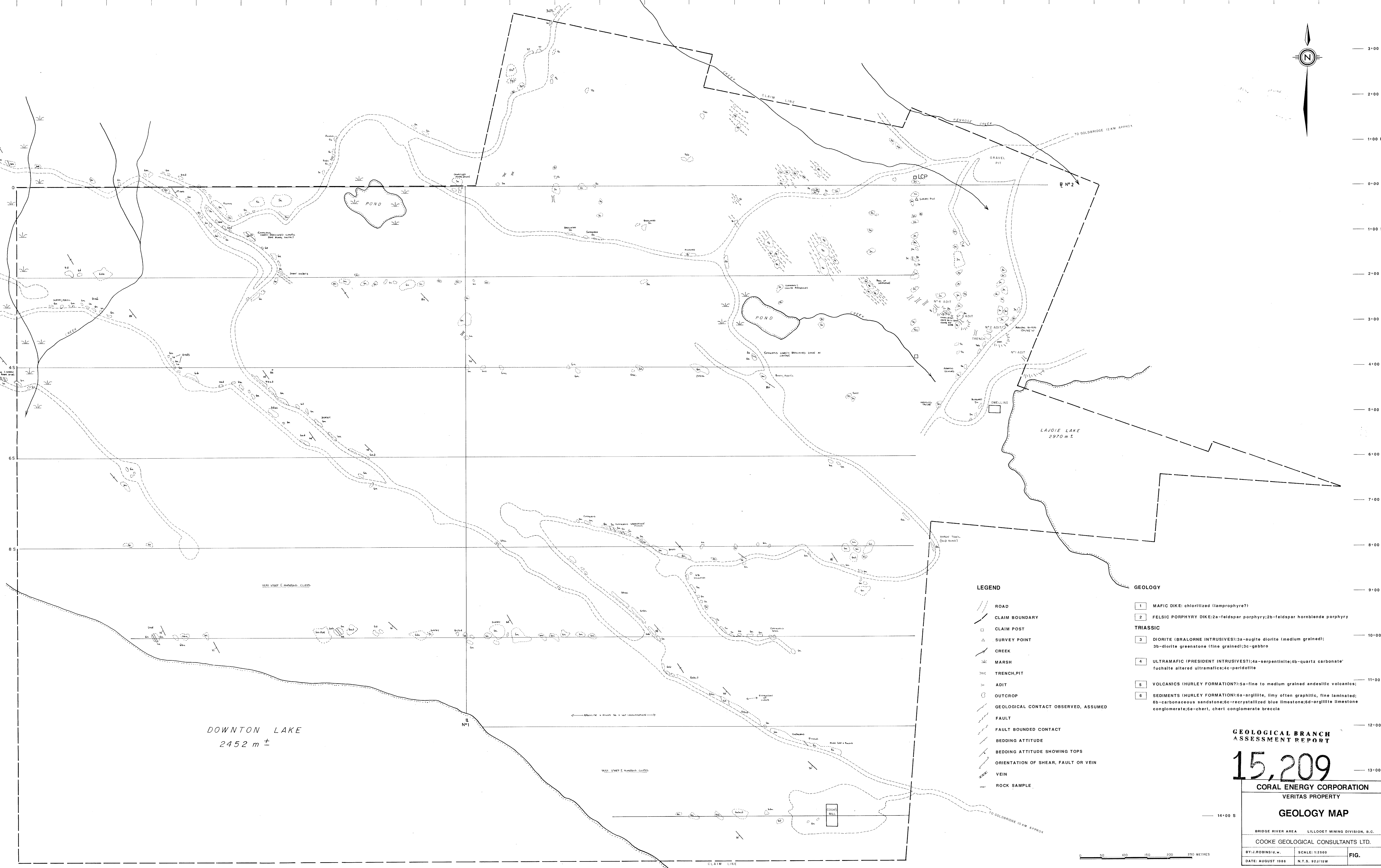
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

15,209

10+00 W 9+00 W 8+00 W 7+00 W 6+00 W 5+00 W 4+00 W 3+00 W 2+00 W 1+00 W 0+00 1+00 E 2+00 E 3+00 E 4+00 E 5+00 E 6+00 E 7+00 E 8+00 E 9+00 E 10+00 E 11+00 E 12+00 E 13+00 E 14+00 E 15+00 E 16+00 E 17+00 E 18+00 E 19+00 E



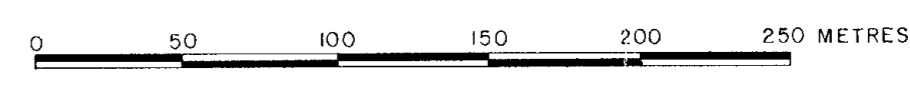
3+00 N  
2+00 N  
1+00 N  
0+00  
1+00 S  
2+00 S  
3+00 S  
4+00 S  
5+00 S  
6+00 S  
7+00 S  
8+00 S  
9+00 S  
10+00 S  
11+00 S  
12+00 S  
13+00 S  
14+00 S



DOWNTON LAKE  
2452 m ±

- LEGEND**
- ROAD
  - CLAIM BOUNDARY
  - CLAIM POST
  - SURVEY POINT
  - CREEK
  - MARSH
  - TRENCH, PIT
  - ADIT
  - OUTCROP
  - GEOLOGICAL CONTACT OBSERVED, ASSUMED
  - FAULT
  - FAULT BOUNDED CONTACT
  - BEDDING ATTITUDE
  - BEDDING ATTITUDE SHOWING TOPS
  - ORIENTATION OF SHEAR, FAULT OR VEIN
  - VEIN
  - ROCK SAMPLE

- GEOLOGY**
- 1 MAFIC DIKE: chloritized (tampophyre?)
  - 2 FELSIC PORPHYRY DIKE: 2a-feldspar porphyry; 2b-feldspar hornblende porphyry
  - TRIASSIC**
  - 3 DIORITE (BRALORNE INTRUSIVES): 3a-augite diorite (medium grained); 3b-diorite greenstone (fine grained); 3c-gabbro
  - 4 ULTRAMAFIC (PRESIDENT INTRUSIVES): 4a-serpentinite; 4b-quartz carbonate rhyolite altered ultramafics; 4c-peridotite
  - 5 VOLCANICS (HURLEY FORMATION): 5a-fine to medium grained andesitic volcanics;
  - 6 SEDIMENTS (HURLEY FORMATION): 6a-argillite, limy often graphitic, fine laminated; 6b-carbonaceous sandstone; 6c-recrystallized blue limestone; 6d-argillite limestone conglomerate; 6e-chert, chert conglomerate breccia



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,209**

**CORAL ENERGY CORPORATION**  
VERITAS PROPERTY

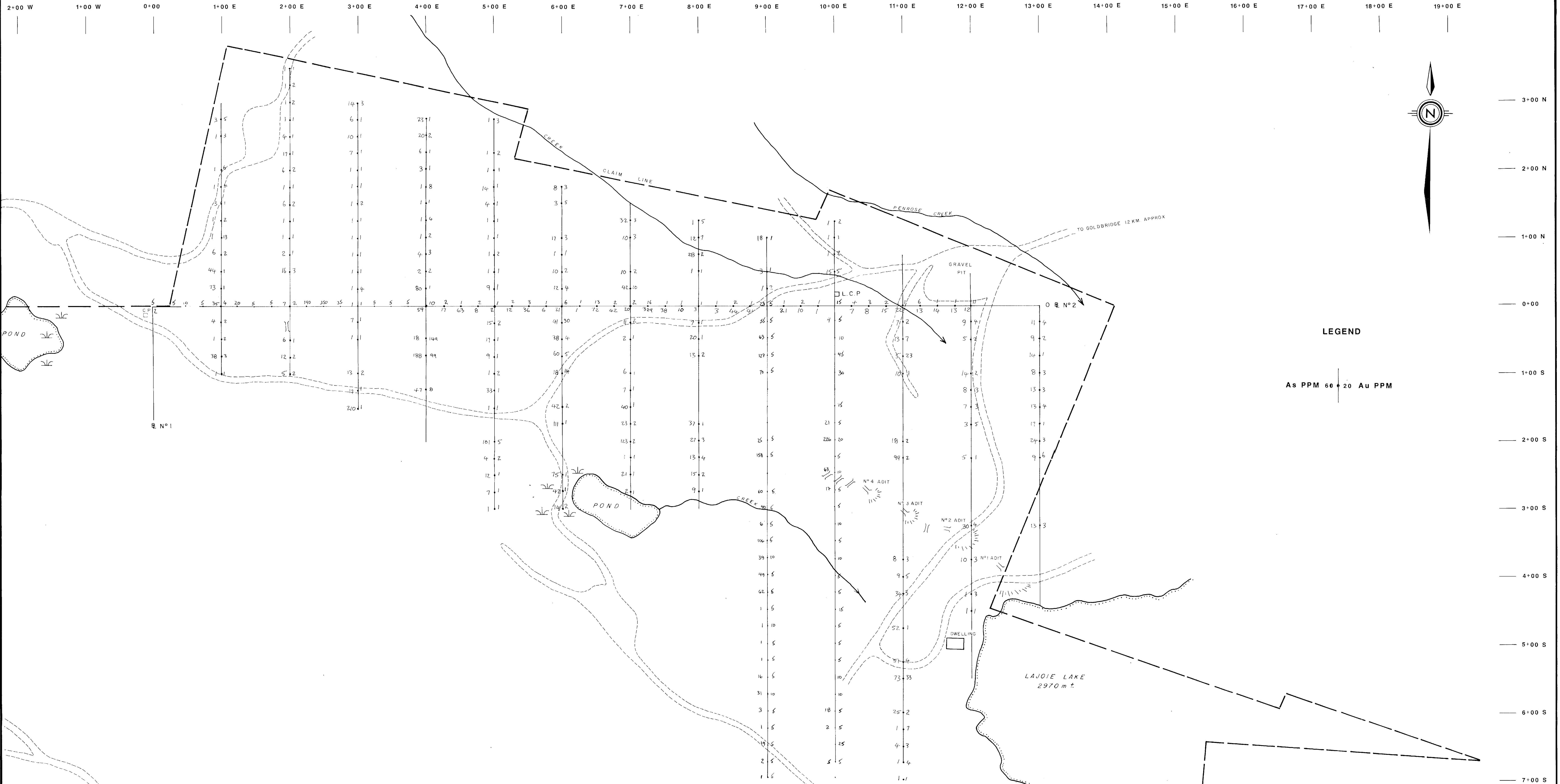
**GEOLOGY MAP**

BRIDGE RIVER AREA LILLOET MINING DIVISION, B.C.

COOKE GEOLOGICAL CONSULTANTS LTD.

BY: J. ROBINS (d.w.)	SCALE: 1:2500	FIG.
DATE: AUGUST 1986	N.T.S. 92/15W	





**LEGEND**

As PPM 60 + 20 Au PPM

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

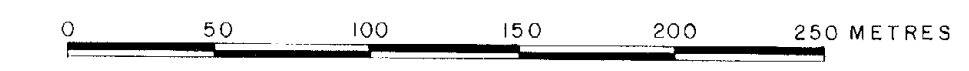
**15,209**

**CORAL ENERGY CORPORATION**  
VERITAS PROPERTY  
SOIL GEOCHEMISTRY  
(Au, As)

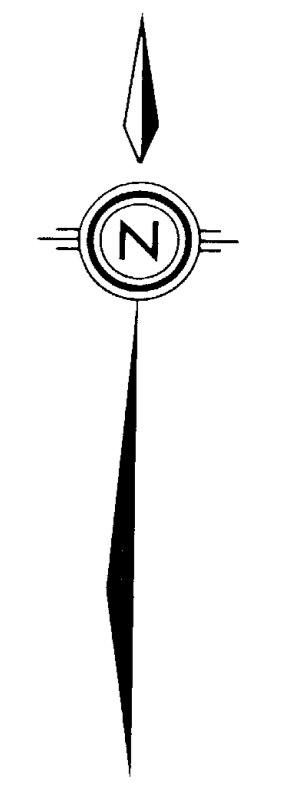
BRIDGE RIVER AREA LILLOOET MINING DIVISION, B.C.

COOKE GEOLOGICAL CONSULTANTS LTD.

BY: J.ROBINS/d.w.	SCALE: 1:2500	FIG.
DATE: AUGUST 1986	N.T.S. 92J/15W	



10°00 W 9°00 W 8°00 W 7°00 W 6°00 W 5°00 W 4°00 W 3°00 W 2°00 W 1°00 W 0°00 1°00 E 2°00 E 3°00 E 4°00 E 5°00 E 6°00 E 7°00 E 8°00 E 9°00 E 10°00 E 11°00 E 12°00 E 13°00 E 14°00 E 15°00 E 16°00 E 17°00 E 18°00 E 19°00 E



3°00 N  
2°00 N  
1°00 N  
0°00  
1°00 S  
2°00 S  
3°00 S  
4°00 S  
5°00 S  
6°00 S  
7°00 S  
8°00 S  
9°00 S  
10°00 S  
11°00 S  
12°00 S  
13°00 S



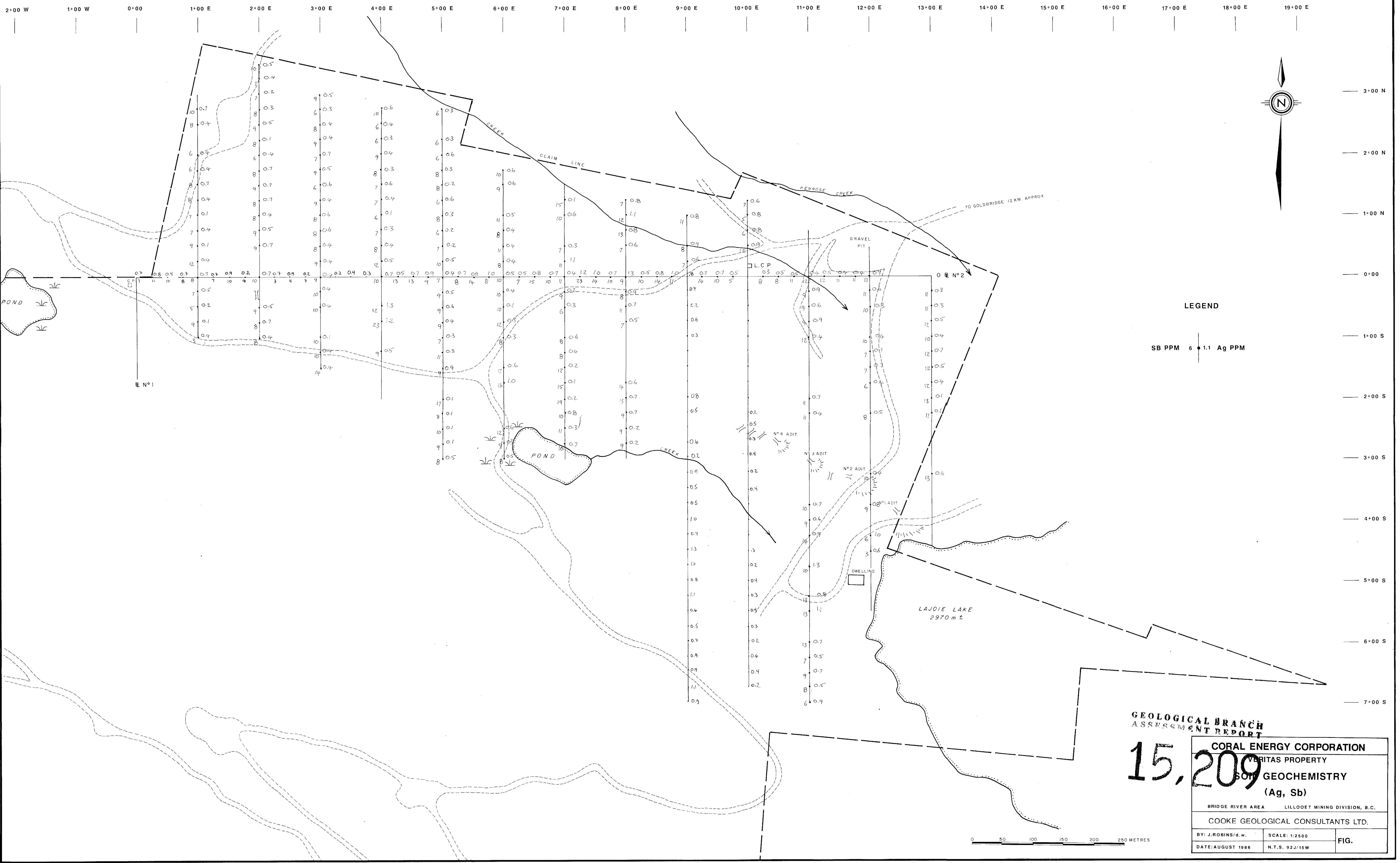
**LEGEND**

20 Au PPM  
60 As PPM

**GEOLOGICAL BRANCH**  
ASSESSMENT REPORT  
**15,209**

<b>CORAL ENERGY CORPORATION</b>		
VERITAS PROPERTY		
<b>SOIL GEOCHEMISTRY</b>		
(Au, As)		
BRIDGE RIVER AREA		LILLOOET MINING DIVISION, B.C.
COOKE GEOLOGICAL CONSULTANTS LTD.		
BY: J. ROBINS/D.M.	SCALE: 1:2500	FIG.
DATE: AUGUST 1986	N.T.S. 92/15W	

0 50 100 150 200 250 METRES



**LEGEND**

SB PPM = 6 \* 1.1 Ag PPM

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,209**

**CORAL ENERGY CORPORATION**  
VERITAS PROPERTY  
SOIL GEOCHEMISTRY  
(Ag, Sb)

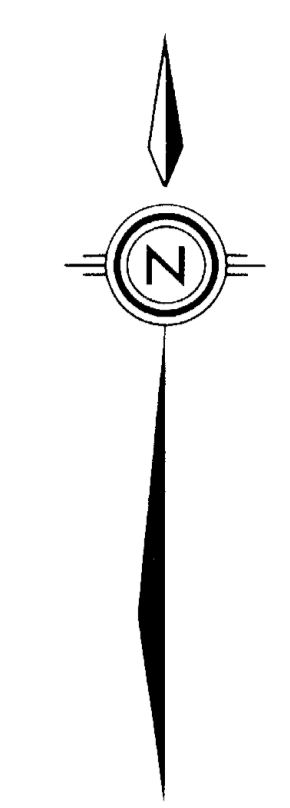
BRIDGE RIVER AREA LILLOOET MINING DIVISION, B.C.

COOKE GEOLOGICAL CONSULTANTS LTD.

BY: J.ROBINS/d.w.	SCALE: 1:2500	FIG.
DATE: AUGUST 1988	N.T.S. 92J/15W	

0 50 100 150 200 250 METRES

10°00' W 9°00' W 8°00' W 7°00' W 6°00' W 5°00' W 4°00' W 3°00' W 2°00' W 1°00' W 0°00' 1°00' E 2°00' E 3°00' E 4°00' E 5°00' E 6°00' E 7°00' E 8°00' E 9°00' E 10°00' E 11°00' E 12°00' E 13°00' E 14°00' E 15°00' E 16°00' E 17°00' E 18°00' E 19°00' E



3°00' N  
2°00' N  
1°00' N  
0°00'  
1°00' S  
2°00' S  
3°00' S  
4°00' S  
5°00' S  
6°00' S  
7°00' S  
8°00' S  
9°00' S  
10°00' S  
11°00' S  
12°00' S  
13°00' S  
14°00' S



DOWNTON LAKE  
2452 m ±

TO GOLDBRIDGE 12 KM APPROX

LAJOIE LAKE  
2970 m ±

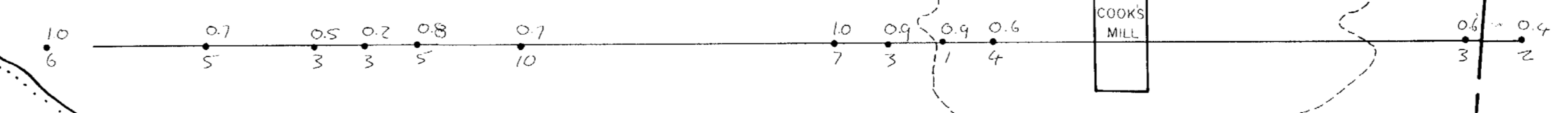
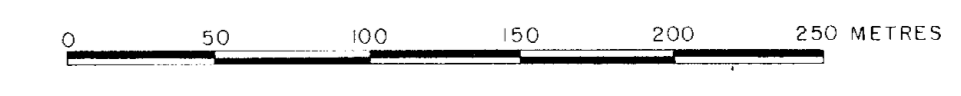
TO GOLDBRIDGE 10 KM APPROX

LEGEND

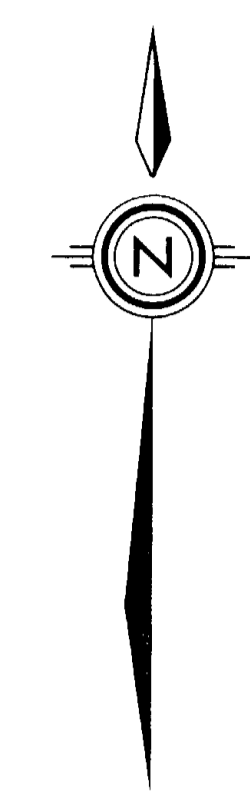
1.1 Ag PPM  
6 Sb PPM

GEOLOGICAL BRANCH  
ASSESSMENT REPORT  
**15,209**

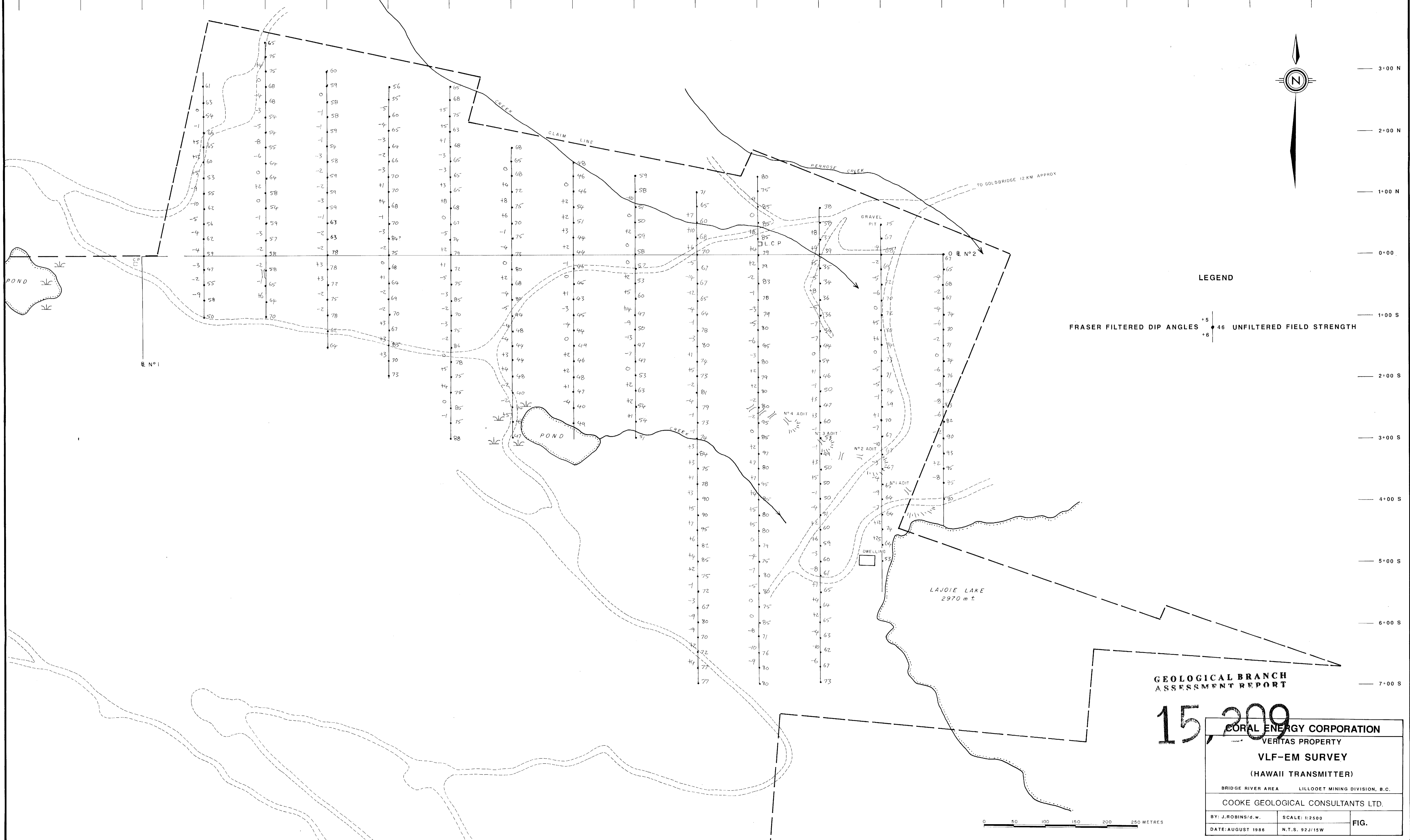
CORAL ENERGY CORPORATION		FIG.
VERITAS PROPERTY		
SOIL GEOCHEMISTRY (Ag, Sb)		
BRIDGE RIVER AREA LILLOEET MINING DIVISION, B.C.		
COOKE GEOLOGICAL CONSULTANTS LTD.		
BY: J. ROBINSON, G.W.	SCALE: 1:2500	FIG.
DATE: AUGUST 1986	N.T.S. 92/15W	



2+00 W 1+00 W 0+00 1+00 E 2+00 E 3+00 E 4+00 E 5+00 E 6+00 E 7+00 E 8+00 E 9+00 E 10+00 E 11+00 E 12+00 E 13+00 E 14+00 E 15+00 E 16+00 E 17+00 E 18+00 E 19+00 E



3+00 N  
2+00 N  
1+00 N  
0+00  
1+00 S  
2+00 S  
3+00 S  
4+00 S  
5+00 S  
6+00 S  
7+00 S



**LEGEND**

FRASER FILTERED DIP ANGLES  $\pm 5$  UNFILTERED FIELD STRENGTH  $\pm 6$

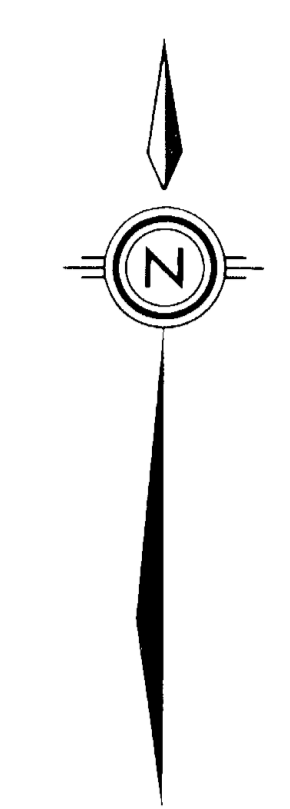
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,209**

CORAL ENERGY CORPORATION VERITAS PROPERTY	
VLF-EM SURVEY (HAWAII TRANSMITTER)	
BRIDGE RIVER AREA	LILLOOET MINING DIVISION, B.C.
COOKE GEOLOGICAL CONSULTANTS LTD.	
BY: J. ROBINS/d.w.	SCALE: 1:2500
DATE: AUGUST 1986	N.T.S. 92J/15W
FIG.	

0 50 100 150 200 250 METRES

10°00 W 9°00 W 8°00 W 7°00 W 6°00 W 5°00 W 4°00 W 3°00 W 2°00 W 1°00 W 0°00 1°00 E 2°00 E 3°00 E 4°00 E 5°00 E 6°00 E 7°00 E 8°00 E 9°00 E 10°00 E 11°00 E 12°00 E 13°00 E 14°00 E 15°00 E 16°00 E 17°00 E 18°00 E 19°00 E



3°00 N  
2°00 N  
1°00 N  
0°00  
1°00 S  
2°00 S  
3°00 S  
4°00 S  
5°00 S  
6°00 S  
7°00 S  
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10°00 S  
11°00 S  
12°00 S  
13°00 S



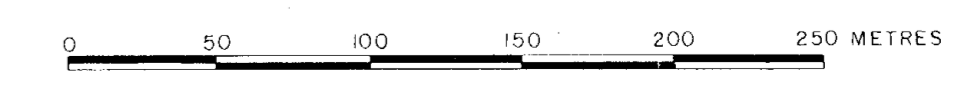
**LEGEND**

±5 ±6  
40  
FRASER FILTERED DIP ANGLES  
UNFILTERED FIELD STRENGTH

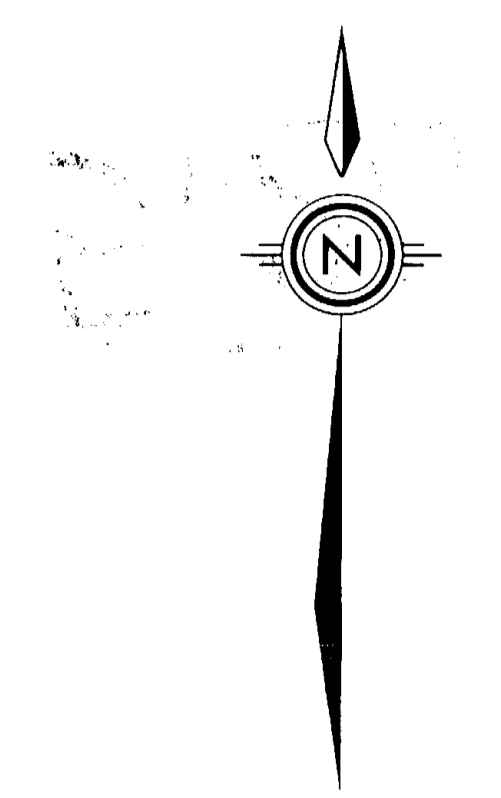
CORAL ENERGY CORPORATION  
VERITAS PROPERTY

**15,209**

CORAL ENERGY CORPORATION		
VERITAS PROPERTY		
<b>VLF-EM SURVEY</b>		
<b>(SEATTLE TRANSMITTER)</b>		
BRIDGE RIVER AREA LILLOEET MINING DIVISION, B.C.		
COOKE GEOLOGICAL CONSULTANTS LTD.		
BY: J. ROBINSON, W.	SCALE: 1:2500	FIG.
DATE: AUGUST 1986	N.T.S. 92/15W	



2+00 W 1+00 W 0+00 1+00 E 2+00 E 3+00 E 4+00 E 5+00 E 6+00 E 7+00 E 8+00 E 9+00 E 10+00 E 11+00 E 12+00 E 13+00 E 14+00 E 15+00 E 16+00 E 17+00 E 18+00 E 19+00 E



3+00 N  
2+00 N  
1+00 N  
0+00  
1+00 S  
2+00 S  
3+00 S  
4+00 S  
5+00 S  
6+00 S  
7+00 S



LEGEND  
56983 TOTAL MAGNETIC FIELD (?)

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

15, 2019

CORAL ENERGY CORPORATION		FIG.
VERITAS PROPERTY		
PR-MAGNETOMETER SURVEY (TOTAL FIELD)		
BRIDGE RIVER AREA LILLOOET MINING DIVISION, B.C.		
COOKE GEOLOGICAL CONSULTANTS LTD.		
BY: J. ROBINS/d.w.	SCALE: 1:2500	
DATE: AUGUST 1986	N.T.S. 92J/15W	

