

JULIAN MINING COMPANY LIMITED

799

GEOCHEMICAL SURVEY

of the

CODE CLAIM GROUP

The following amendments are submitted and form part of the above Geochemical report. Mr. G. H. Beley's letter dated August 23rd refers :

Method of taking Samples:

Each soil sample was taken by selecting material from the B horizon if that horizon in the soil existed at a given sample location. Where the B horizon was not developed either the A-2 or A-1 was taken and the fact noted on the sample envelope.

Depth of Sample:

As noted in the paragraph above a given sample was taken at the B horizon in most cases and the horizon varied in depths from 10 inches below surface to 2 feet below surface.

Tests in the area of the entire profile of rock showed that the B horizon was generally well developed on these claims.

Quantity of Sample:

Approximately one pound of sample material was

Quantity of Sample - contd.

collected at each station. The sample was sieved roughly and packed in labelled soil samples envelopes for shipment, after drying in the field.

Analysis:

All samples were analysed in the laboratory and were tested for ions of copper, lead and zinc.

Method of analysis:

1. Samples are sorted and dried.
2. Samples are screened to 80 mesh and catalogued for storage.
3. One gram-sample taken for analysis.
4. Sample is digested to dryness in 1 normal Nitric Acid; then dissolved in 1 normal Hydrochloric Acid.
5. Colorametric tests for the several elements using various buffer solutions and complexing agents are made.

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#1  
MAP 1 COAST RANGE PROJECT  
      CODE GROUP  
      GEOCHEMISTRY

SUB-MINING RECORDER  
 RECEIVED  
 JUN 9 1966  
 M.R. # 938757 \$ 301.00  
 VANCOUVER, B. C.

APPENDIX "A"

STATEMENT OF COSTS OF THE SOIL-SAMPLE SURVEY

I, Roderick Macrae, STATE THE  
 FOLLOWING ARE COSTS OF THIS SURVEY:

1. Line cutting, sample taking.		
	50 man days @ \$15.00/day	\$750.00
11. Analysis of 650 samples by laboratory analysis at Britannia Beach, B.C.		
	650 samples @ \$1.75/sample	\$1,137.50
111. Supervision		200.00
		<hr/>
		<u>\$2,087.50</u>

I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act".

Declared before me at the City  
 of Vancouver, in the Province of British Columbia, this 9  
 day of June, 1966, A.D. )  
 ) Roderick Macrae

Shirley Jonette  
 .....  
 A Commissioner for taking Affidavits within  
 British Columbia or a Notary Public in and for  
 the Province of British Columbia.

Sub-mining Recorder

APPENDIX "B"

STATEMENT OF NAMES AND DATES OF  
EMPLOYMENT OF MEN WORKING ON THIS SURVEY

I, Roderick Macrae state the following employees worked between the dates shown securing soil samples from the Code Claim Group and cutting and surveying lines to determine location of sample stations:

<u>NAME</u>		<u>DATE EMPLOYED</u>
BARRIE WATSON	...	September 24/65 to October 9/65.
JAMES KIRKLAND	...	September 24/65 to October 9/65.
FRANCIS FORAN	...	September 30/65 to October 9/65.
NICK WYCHOPEN	...	October 4/65 to October 9/65.

I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act".

Declared before me at the *City*  
of *Vancouver* in the  
Province of British Columbia, this  
day of *September* 1966 D.D.

} *Roderick Macrae*  
}

..... *Bill Turner* .....

A Commissioner for taking Affidavits within  
British Columbia or a Notary Public in and for  
the Province of British Columbia.

Sub-mining Recorder

JULIAN MINING COMPANY LIMITED

GEOCHEMICAL SURVEY

of the

CODE CLAIM GROUP

Introduction:

The 20 Claim Code Group was staked in June, 1965 as a contiguous block of claims. It is located in the Omineca Mining Division at longitude 126-56; latitude 54-11 on the south side of the Norria River at 2,700 feet elevation.

Preliminary investigations in June, 1965 indicated there was very little bedrock exposure; however, reconnaissance type soil and stream sediment sampling and analysis indicated concentrations of zinc and lead ions in the soils.

Ground cover is typical: coast-range forest cover with dense brush in the small creek valleys. Access to the area can be secured via the Morrice Lake Road from Houston, B.C. and thence via an abandoned logging road that follows Fentri Creek to the claim area.

Description:

The Code Group consists of the following 20 mineral claims.

Description - contd.

Code 1 - 20 inclusive

Record Nos. 30314 to 30333 inclusive

These claims were staked for Julian Mining Company Limited by Willis Osborne, on June 5th, 1965, recorded on June 8th, 1965.

Geology:

Bedrock is exposed on the claims in one location in a creek. The rock is an intrusive heavily altered and of diorite/gronodiorite composition. Elsewhere south of the claim group Hazelton volcanics and sediments are exposed at the height of land.

Reason for the Survey:

Preliminary soil sampling indicated concentrations of lead and zinc ions in the soils and stream sediments, and for this reason it was decided to conduct a grid-type soil sample survey with laboratory analysis of the samples.

Details of the Survey:

1. Method of taking samples: Grid lines were planned on a N/S direction using the centre line of staking as the base lines with line intervals of 600 feet between surveyed lines. Soil samples were taken at intervals of 400 feet on the grid-line, with one sample taken east and west of a survey line at 200 feet off the line. In effect then the area was sampled at intervals of 400 feet North/South and 400 feet.....

Details of the Survey - contd.

1. ....East/West with approximately 36 samples taken from each mineral claim.
2. Method of Determining Minerals: Zinc was determined by the Aithio-Zinc method; Copper by the Biquinoline method, Lead by the Chloroform-dithiozone using ammonium citrate buffer; and molybdenum by the Thio-cyanate stannous chloride method.

Results of the Survey:

Approximately 620 samples were taken in the field and analysed at Anaconda's laboratory at Britannia Beach, B.C.

The survey indicated anomolous concentrations of zinc ions of a length of 6000 feet and a width of 1500. The zinc anomoly is irregular and does not coincide with the topographic relief. Three lead anomolies were located varying in length from 800 feet to 2,500 feet, all three are lense shaped, approximately sub-parallel with the long axes bending north, 45 degrees west, copper and molybdenum concentrations are not considered anomolous. A test of 10 selected samples indicates there is silver associated with one or more of the hose-metals in the area.




Recommendations:

Investigation of the bedrock geology and mineralogy is warranted.

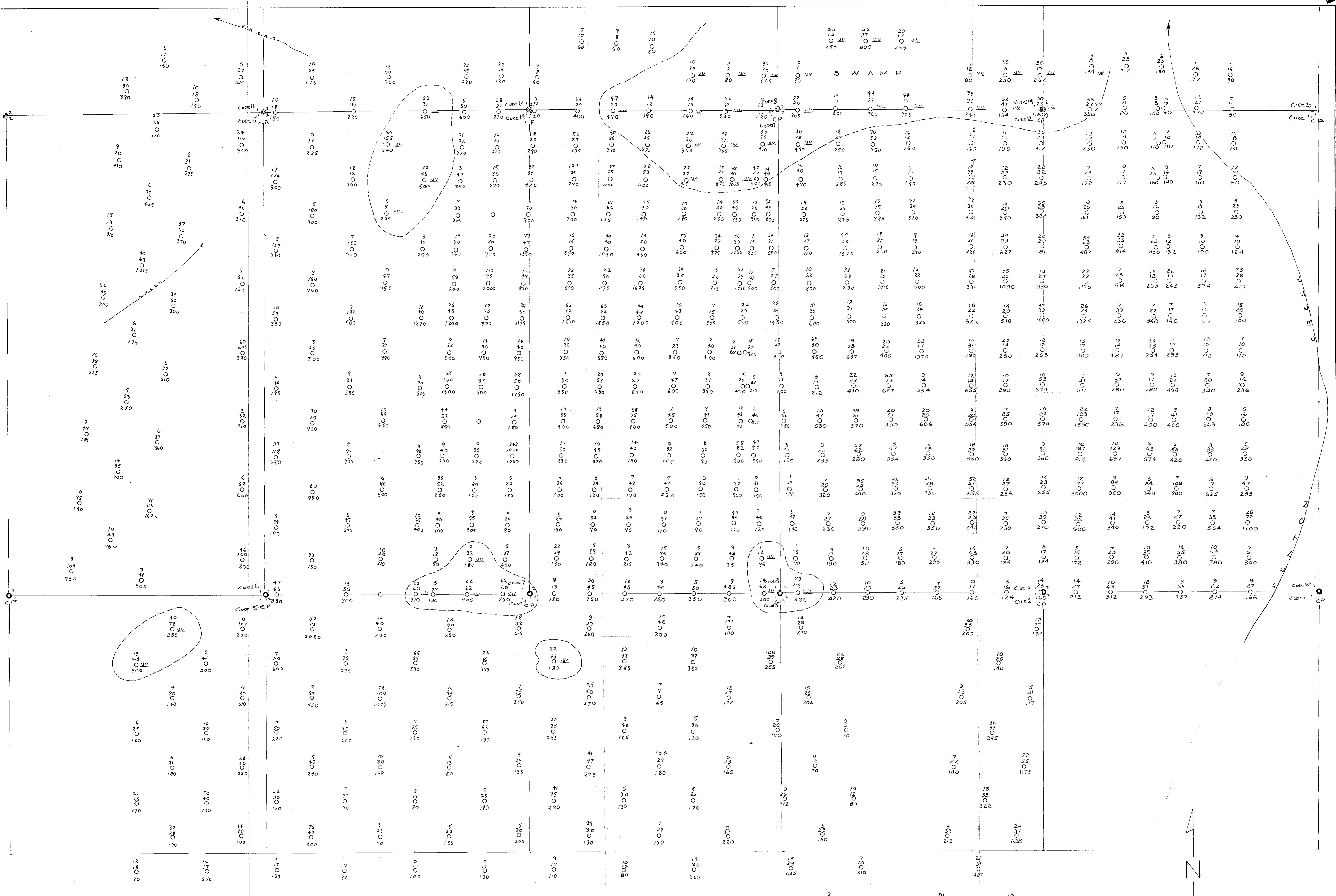
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Respectfully submitted,



Roderick Macrae, P. Eng.

RM/JJ  
Dated June 9th, 1966



Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 799 M.P. #1

JULIAN MINING COMPANY  
**COAST RANGE PROJECT**  
**CODE GROUP**  
HOUSTON, B.C.  
SCALE: 1" = 200'

**GEOCHEMISTRY**  
EXPLANATION:  
100 ○ COPPER IN PARTS PER MILLION  
100 ○ LEAD IN PARTS PER MILLION  
○ SAMPLE LOCATION  
100 ○ ZINC IN PARTS PER MILLION  
1965

799

*John H. ...*  
JULIAN MINING COMPANY  
HOUSTON, B.C.