

3521

COAST INTERIOR VENTURES LIMITED (N. P. L.)

Geochemical Survey

Cariboo Mining Division B.C.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3521 MAP

W. G. Timmins, P. Eng.

Vancouver, B.C.

February 11th, 1972.

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 #1 claims location map

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Coast Interior Ventures Ltd. (N.P.L.),
626 West Pender Street,
Vancouver, British Columbia.

Gentlemen:

Report herein covers results of a reconnaissance type exploration survey for lead and associated silver as well as copper on your property located in the Cariboo Mining Division, province of British Columbia.

Assessment is made of such results and recommendations are carried for further exploration.

PROPERTY, LOCATION, ACCESS

The Coast Interior holdings located some 16 miles southeast of the settlement of Barkerville, south central British Columbia, Cariboo Mining Division, contain 155 mineral claims, 142 contiguous claims in one block, 13 in the other being only one quarter mile apart, and are described as follows:

| <u>Claim Name</u> | <u>Record Number</u> | <u>Expiry Date</u> |
|-----------------------|----------------------|--------------------|
| Silver Mtn. 2 | 53288 | August 30, 1972 |
| Tab 1 - 4 | 58850 - 58853 | June 29, 1973 |
| Tab 7 & 8 | 59035 & 59036 | July 14, 1973 |
| Base Metal 1 - 5 | 54167 - 54171 | August 25, 1972 |
| Base Metal 6 & 7 | 53289 & 53290 | August 30, 1972 |
| Base Metal 8 - 10 | 54241 - 54243 | October 14, 1972 |
| Park 13 - 22 | 53551 - 53560 | August 27, 1972 |
| Roundtop 27 & 28 Frs. | 53291 & 53292 | August 30, 1972 |
| Roundtop 1 | 42783 | June 20, 1973 |
| Roundtop 3 | 42785 | June 20, 1973 |
| Roundtop 10 - 26 | 54138 - 54154 | August 25, 1972 |
| Roundtop 29 - 40 | 54155 - 54166 | August 25, 1972 |
| R. T. 41 - 44 | 54134 - 54137 | September 15, 1972 |
| Bon Fraction | 54240 | October 14, 1972 |
| Bon 5 - 12 | 54232 - 54239 | October 14, 1972 |
| Bon 13 - 15 | 59037 - 59039 | July 14, 1972 |
| Bon 16 - 21 | 59519 - 59524 | August 25, 1972 |
| Bon 23 | 59526 | August 25, 1972 |
| Bon 29 - 33 | 59532 - 59536 | August 25, 1972 |
| Bon 34 - 43 | 59828 - 59837 | September 10, 1972 |
| Bon 46 - 65 | 60593 - 60612 | October 1, 1972 |
| Bon 22 | 59525 | August 25, 1972 |
| Bon 24 & 25 | 59527 & 59528 | August 25, 1972 |
| Bon 44 & 45 | 59838 & 59839 | September 10, 1972 |
| Bon 26 - 28 | 59529 - 59531 | August 25, 1972 |
| Bon 1 - 4 | 47807 - 47810 | September 30, 1972 |
| Park 1 - 10 | 46227 - 46236 | August 12, 1972 |
| Park 11 & 12 | 53549 - 53550 | August 27, 1972 |
| Par 1 - 13 | 59040 - 59052 | July 14, 1972 |

Area covered by the geochemical program include all claims as noted above with exception of Par 1 - 13, Bon 46 - 55; 56 - 65; Roundtop 29 - 40, and R. T. 41 - 44, all inclusive Tab 7 & 8, for a total of 104 claims.

Access is by good truck road from Barkerville, which traverses the property.

Relief on the property is an average 2,500 feet to 3,500 feet with a maximum of 6,000 feet A.S.L. Rounded hills characterize the holdings.

GEOLOGY

The northern portion of the area is described in Bulletin #38 British Columbia Department of Mines, by A. S. Brown, while the southern portion is mapped in British Columbia Department of Mines #34 by S. S. Holland

The above reports show that the Coast Interior holdings are underlain by members of the Snowshoe Formation consisting essentially of northwest trending phyllites, schists, and manganiferous limestone beds, and by quartzites of the Midas Formation.

Mineralization in the form of silver - lead occurs in the quartz-calcite veins, stockworks, and shear areas. It is noted that these structures normally persist along strike for considerable distances over good widths varying from 10 inches to 15 feet and, as may be expected, the silver - lead content varies considerably throughout.

GEOCHEMICAL SURVEY

Field Control - Control was established through east - west oriented grid at 400 foot separations totalling 80.1 miles. Soil samples were taken at 100 foot stations along the grid and total 4,012.

Laboratory Procedure - All samples were dried and passed through a minus 80 mesh nylon screen to eliminate possible humus contamination. Half gram portions were then subject to a hot aqua regia bath. Determination was by atomic absorption in the Vancouver laboratories of Bondar - Clegg & Company Ltd., and are expressed as lead and copper in Parts Per Million.

Results of Survey - The general base level of lead in soils throughout the surveyed area is numerically 35 Parts Per Million and is determined through means of inspection. Three times background is considered anomalous threshold. Eleven zones representing areas of significant geochemical increment indicating concentration of lead with probable associated silver were detected in the survey and are labelled A - K, inclusive.

| Anomaly | Ave. size in ft. | | # Anom. Record | Intensity | x backgnd. |
|---------|------------------|-------|----------------|-----------|------------|
| | N - S | E - W | | Pb in PPM | |
| A | 4400 | 800 | 71 | 248 | 7 |
| B | 1300 | 1300 | 24 | 224 | 6.3 |
| C | 1800 | 700 | 18 | 139 | 4 |
| D | 1200 | 200 | 6 | 175 | 5 |
| E | 500 | 400 | 10 | 125 | 3.6 |
| F | 600 | 300 | 11 | 134 | 3.8 |
| G | 1200 | 400 | 13 | 152 | 4.4 |
| H | 1200 | 400 | 9 | 246 | 7 |
| I | 400 | 450 | 4 | 3758 | 107.3 |
| J | 400 | 400 | 5 | 142 | 4 |
| K | 600 | 600 | 6 | 3777 | 107.9 |

Of prime interest is Anomaly "A", 4400 feet in length and open for extension southward with intensity of seven times background. It is of interest that within the favourable area encompassed by this anomaly there occur numerous areas of high geochemical intensity up to 3000 Parts Per Million lead.

On the average, anomaly "B" appears to be most consistent throughout with buildup increasing southward to an average intensity of over eight times background. This zone

has good dimension parameters.

Anomaly "C" has average intensity of only four times background, yet this zone houses, at least in part, a 15 - 30 foot wide quartz - calcite vein that has been yielding over \$75.00 per ton gross metal value consisting essentially of silver with lead - copper contributions as based upon assay results from recent drill intersections. The zone is 1800 feet in length.

Anomalies "D", "E", "F", "G", "H" and "J" may be grouped as medium to low intensity, yet each is capable size-wise of housing sufficient area for a mine.

Although quite small in size, anomalies "I" and "K" each possess extremely high intensity background in lead being respectively 107.3 and 107.9.

As depth of overburden is unknown, lateral extent of any of the above anomalies may be masked.

CONCLUSIONS AND RECOMMENDATIONS

110 claims of 155 total held by Coast Interior Ventures Limited in the Cariboo Mining Division, some 16 miles

southeast of the settlement of Barkerville, British Columbia, were subject to a geochemical soil sampling reconnaissance program on a grid of 400 feet x 100 feet.

Soil samples were determined for lead, primarily because of silver association, as well as for copper content. No apparent anomalous copper zones were detected.

The salient geochemical features constitute 11 anomalous lead conditions, a few with most impressive dimension and intensity parameters.

Anomaly "A" is 4400 feet in length, 7 times background, and open for extension southward.

Anomaly "B" is 1300 feet in the two main directions, 6.3 times background, and has a build-up of intensity toward the south.

It is of interest that Anomaly "C" is only 4 times background, yet houses, at least in part, an impressive silver - lead - copper vein yielding assays for drill core of \$75.00 per ton material.

Zones "D", "E", "F", "G", "H" and "J" are medium to low intensity, while "I" and "K" zones each possess extremely high intensity with response 107.3 and 107.9 respectively above background.

Results of work programs to date are most encouraging, and further work is indeed warranted to assess silver - lead potential of the Coast Interior holdings.

It is recommended that each geochemical anomalous zone be field examined by a competent, well-experienced geologist in order to assist in determining source in each area. Based upon observations further work would then be recommended such as detailed geochemical work, bulldozer trenches, or diamond drilling.

Estimated cost to further assess the geochemical findings would be difficult to determine at this time. It is recommended that a minimum of \$50,000.00 be allotted for this purpose.

Respectfully submitted,



W. G. Timmins, P. Eng.

GEO-SURVEYS CONSULTANTS LTD.

CERTIFICATE

I, WILLIAM G. TIMMINS, of the Province of
British Columbia, do certify that:

1. I am a geologist having been practising my profession continuously for eleven years and maintain an office at Ste. 214 - 475 Howe Street, Vancouver, British Columbia.
2. I am a graduate of the Provincial Institute of Mining, Haileybury, Ontario and have attended Michigan Technological University, Houghton, Michigan.
3. I am a member of the Association of Professional Engineers of British Columbia.
4. I have no interest, direct or indirect, in the property or securities of Coast Interior Ventures Limited (N.P.L.) nor do I expect to receive any such interest.
5. This report has been prepared by myself and is based on supervision of the program.

This report may be used in the prospectus of
of the Company and amendments thereto.

DATED at Vancouver, British Columbia, this 11th
day of February, 1972.

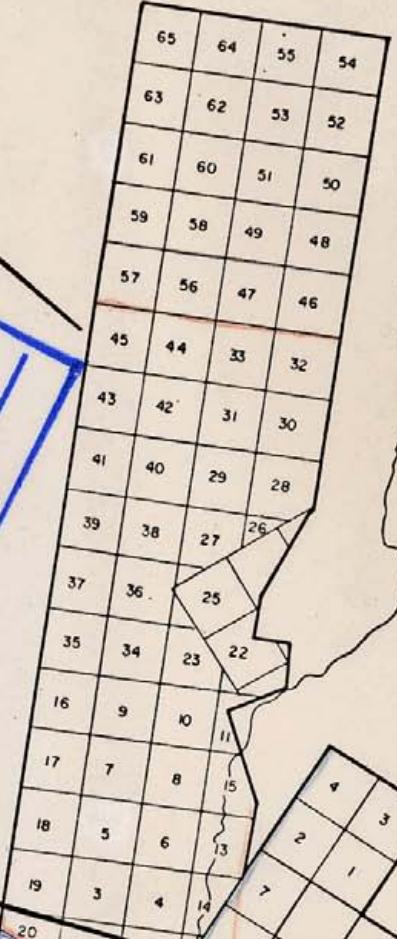


W. G. Timmins, P. Eng.



BON CLAIMS

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3521 MAP #1
SILVER MTN CLAIM



TAB CLAIMS

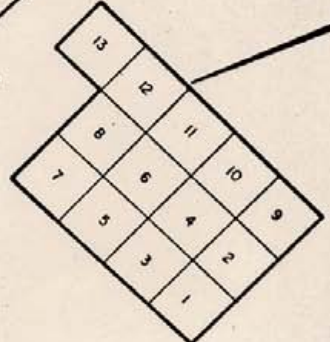
ROUNDTOP CLAIMS

PARK CLAIMS



BASEMETAL CLAIMS

PAR CLAIMS



COAST INTERIOR VENTURES LTD
CLAIM MAP SHOWING GEOLOGY

CARIBOO MINING DIVISION LTD.
SCALE



G. L. KIRWAN P. Eng.

GEOLOGY

SNOWSHOE FORMATION - PHYLLITIS, SCHIST, MONGANIFEROUS LIMESTONE

MIDAS FORMATION - QUARTZITES

REF. B.C. BULLETINS 34, 38

DECLARATION

The following is a bona fide list of persons employed directly in the geochemical field program and related linecutting completed on the property of Coast Interior Ventures Ltd. (N.P.L.) Barkerville area, Cariboo Mining Division, British Columbia.

| <u>Persons Employed</u> | <u>Fees Paid</u> | <u>Dates Worked</u> |
|--|--------------------|---|
| Alex Clark, Supervisor, c/o 647 Andover Place, West Vancouver, B.C. | \$2,750.00 | Sept. 11 - Oct. 30/71 |
| Ted Adair, Box 444, Revelstoke, B.C. | 275.00 | Sept. 8 - Sept. 18/71 |
| Victor Adair, University of Victoria, Victoria, B.C. | 790.00 | Sept. 23 - Oct. 18/71 |
| Phillip Day, 1987 Beach Ave., Vancouver, B.C. | 1,260.00 | Sept. 11 - Oct. 18/71 |
| Robert Daniels, c/o Chickamus Inn Alta Lake, B.C. | 1,260.00 | Sept. 11 - Oct. 18/71 |
| Louis Cochand 1987 Beach Ave., Vancouver, B.C. | 1,260.00 | Sept. 11 - Oct. 18/71 |
| G. L. Kirwan, Consultant, 647 Andover Place, West Vancouver, B.C. | 1,500.00 | Various dates |
| W. G. Timmins, Engineering supervisor 909 Runnymede Ave. Coquitlam, B.C. | 1,200.00 | Various dates Oct. - Nov. reports, etc |
| Total Fees Paid | <u>\$10,295.00</u> | |

W. G. Timmins

Field Costs

| | |
|------------------------------|----------|
| Food | 1,325.00 |
| Tents, supplies ex. utensils | 1,000.00 |
| Transportation, fuel | 495.00 |
| Jeep rental - 2 vehicles | 1,568.00 |
| Misc. expenses | 400.00 |
| Mini bike rentals | 482.58 |

Total field costs \$5,270.58

Geochemical Analysis for Pb + Cu

| | |
|-------------------------------|----------|
| Bondar - Clegg & Company ltd. | |
| Invoice # 1996 | 1,529.38 |
| Invoice # 2080 | 2,222.16 |
| Invoice # 2408 | 1,970.00 |
| Invoice # 2409 | 1,292.00 |

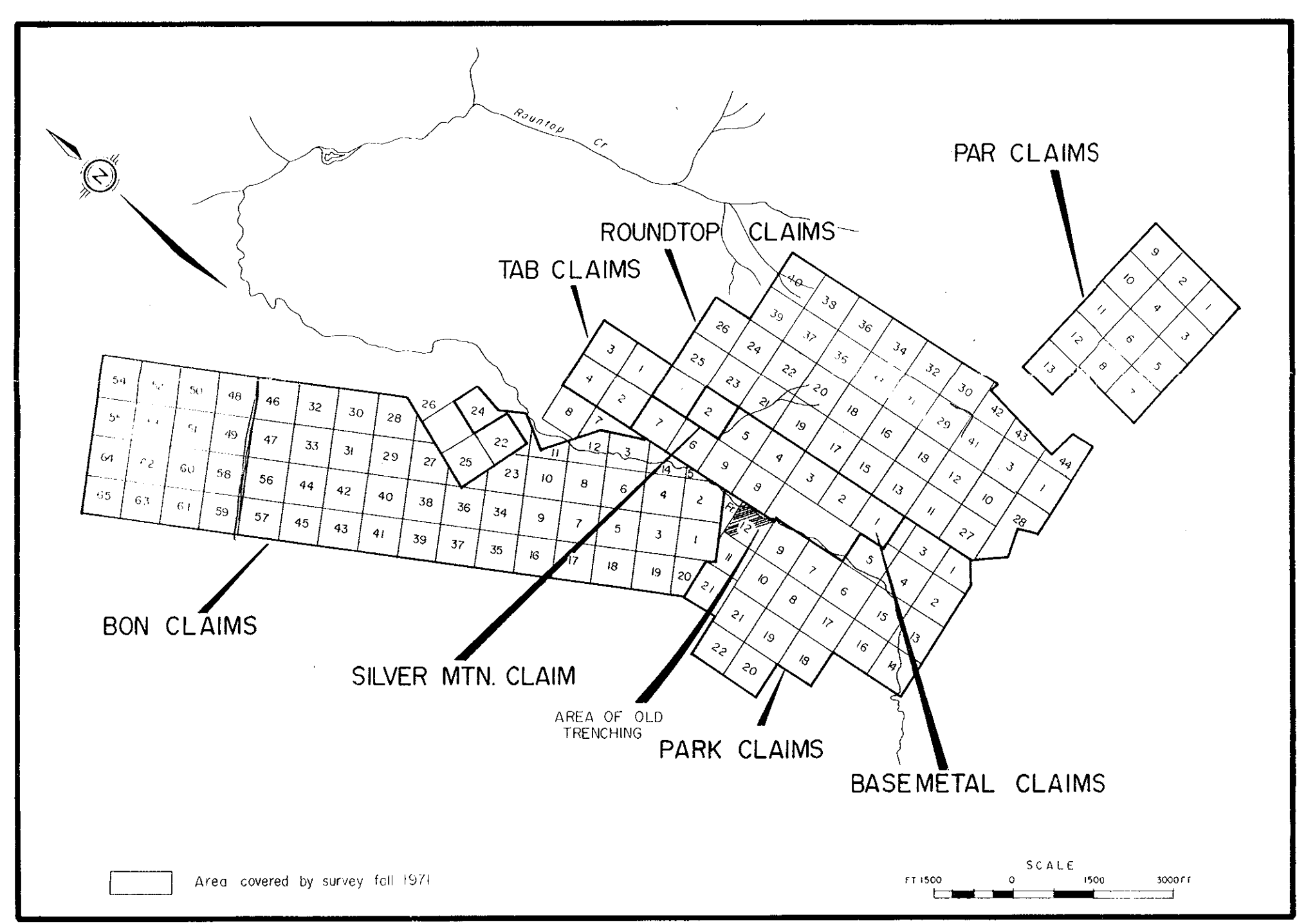
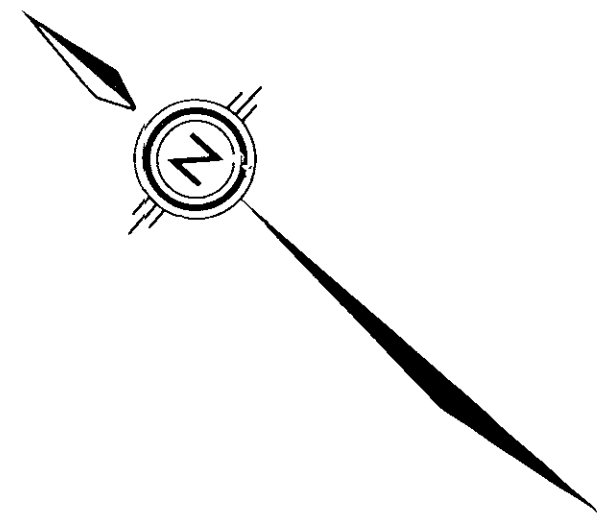
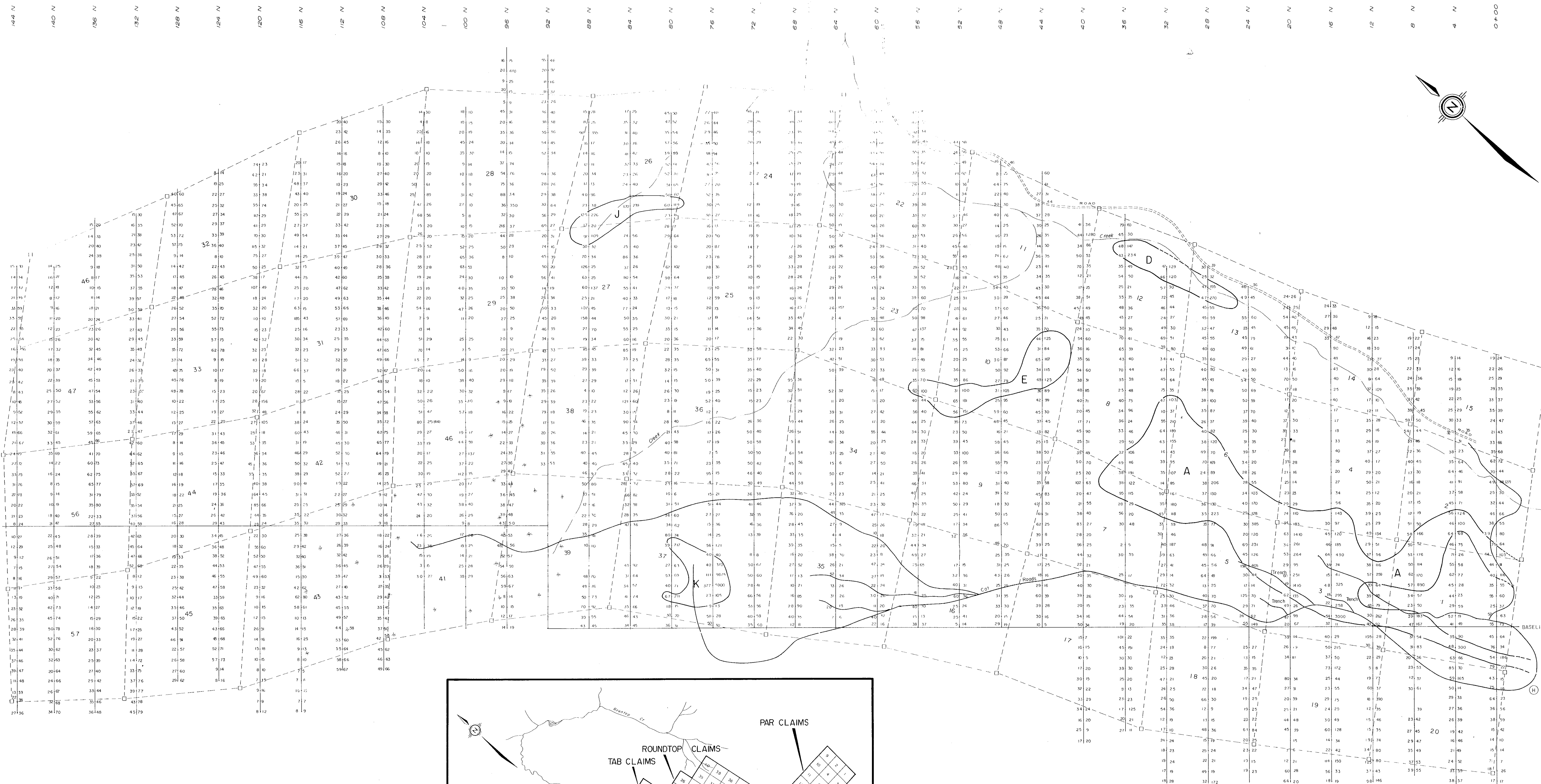
Total costs of analysis \$7,013.54

Stenographic, clerical, drafting, office upkeep etc 800.00

Total Fees Paid \$10,295.00

Total expenditures \$23,379.12

W. J. ...



3521 M-2

LEGEND

- 20 Lead in PPM
- 30 Copper in PPM
- (A) Geochemical anomaly (in lead)
- Anomaly - 105 PPM
- Background - 35 PPM

Department of
 Mines and Petroleum Resources
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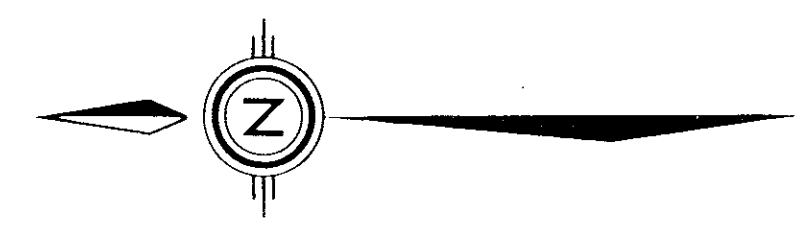
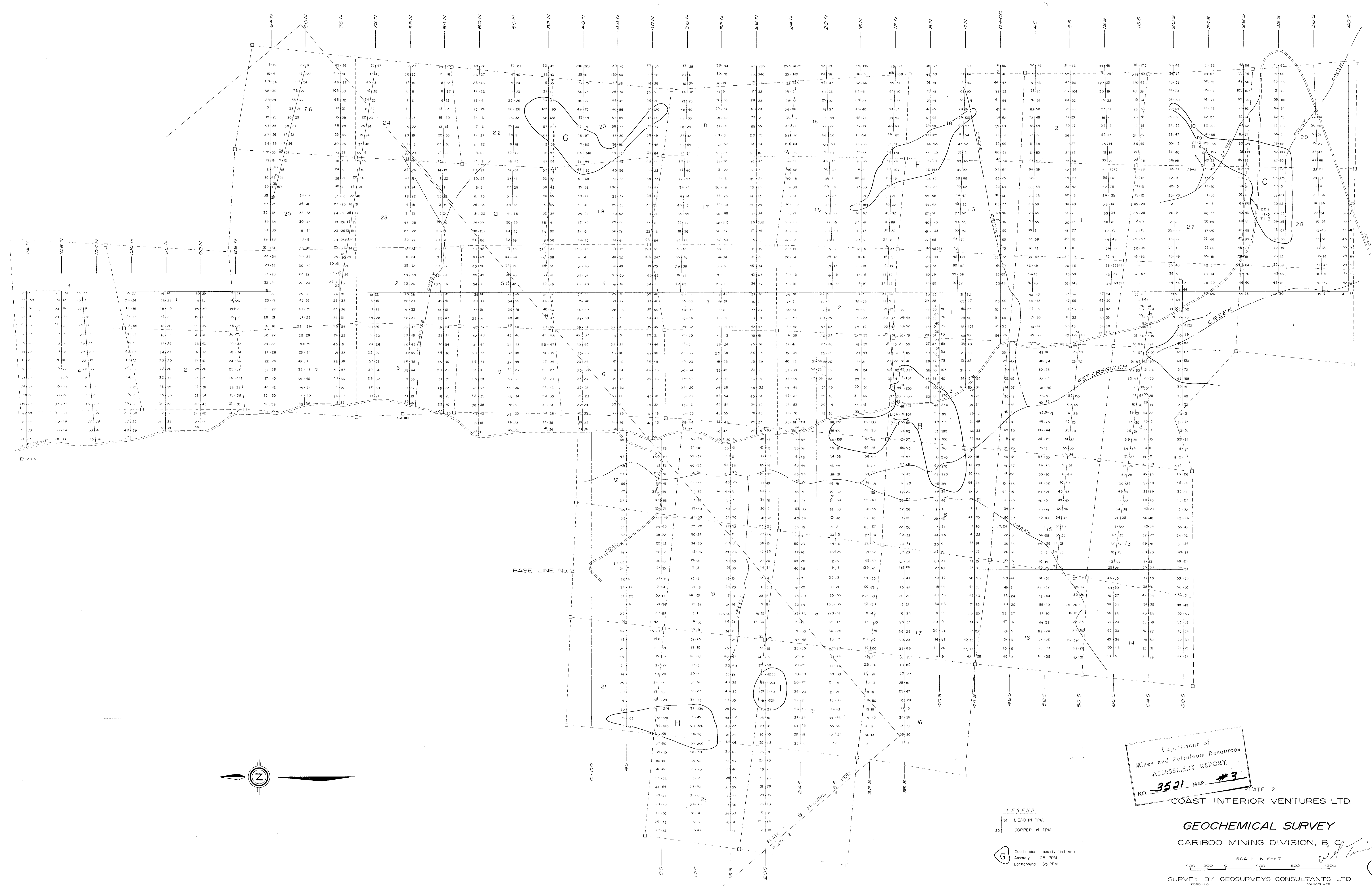
PLATE I
 COAST INTERIOR VENTURES LTD.

GEOCHEMICAL SURVEY

CARIBOO MINING DIVISION, B/C

SCALE IN FEET
 400 200 0 200 400 800 1200
 SURVEY BY GEOSURVEYS CONSULTANTS LTD
 VANCOUVER





LEGEND
 34 LEAD IN PPM
 25 COPPER IN PPM

(G) Geochemical anomaly (no lead)
 Anomaly - 105 PPM
 Background - 35 PPM

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3521 MAP #3

PLATE 2
 COAST INTERIOR VENTURES LTD

GEOCHEMICAL SURVEY

CARIBOO MINING DIVISION, B. C.

SCALE IN FEET
 400 200 0 200 400 800 1200

SURVEY BY GEOSURVEYS CONSULTANTS LTD.
 VANCOUVER

(2)