

305

GANEX AERIAL EXPLORATION LTD.

GEOLOGICAL REPORT

SILVER-ANTIMONY SHOWINGS

GRAY ROCK MINING COMPANY

JEAN AND JUNE GROUPS

TRUAX CREEK, BRIDGE RIVER B.C.

JULY 3rd TO JULY 21st 1959

Mineral Claims:

Jean Group:

Jean Nos. 1, 2, 7 and 8 M.C.

June Group:

June No. 2 M.C.

Location:

3.7 miles North-east of Eralorne, B.C.
50°, 122° N.W.

Geological Survey by:

Clive W. Ball.

Vancouver, B.C.
8 March 1960

CONTENTS

| | <u>Page No.</u> |
|--------------------------------------|--|
| INTRODUCTION | 1 |
| LOCATION AND ACCESSIBILITY | 1 |
| PROPERTY AND OWNERSHIP | 1 & 2 |
| HISTORY | 2 |
| PRODUCTION | 2 |
| PREVIOUS REPORTS | 2 & 3 |
| GENERAL GEOLOGY | 3 |
| WORKINGS | 3 & 4 |
| DESCRIPTION OF MAIN VEIN | 4 |
| DIAMOND DRILLING | 4 |
| SAMPLING AND ASSAYS | 5 |
| GRADE OF ORE INDICATED IN NO. 2 ADIT | 5 |
| GENERAL CONSIDERATIONS | 5 & 6 |
| SUMMARY AND CONCLUSIONS | 6 |
| | |
| Appendix I | Samples and Assay Results. |
| II | Assay Certificates. |
| III | Statement of Account. |
| #1 | Fig. 1. Sketch map of Gray Rock Mining Company mineral claims. |
| #2 | Fig. 2. Composite plan showing location of No. 2 adit in relation to Jean No. 1 and June No. 2 M.Cs. |
| #3 | Fig. 3. Geological map - No. 1 adit Gray Rock Mine. Scale 1 inch = 40 feet. |

INTRODUCTION

The following report is based on a study of the vein and geological features in No. 2 adit which is the deepest one representing the most extensive underground workings on the property. The writer was assisted by Messrs. C. E. McFarland (geologist) and S. V. Christie and L. G. Welch (prospectors). The excessive cover of snow and ice in the cirque, coupled with the alpine terrain, made it impossible to complete the examination beyond the study of the accessible lower workings.

The work was carried out between July 3rd and 21st, 1959.

LOCATION AND ACCESSIBILITY

The property is located at the headwaters of Truax Creek a tributary of the Bridge River, and about 1½ miles south-east of Mount Truax which attains a height of 9,450 feet above sea level and is a most prominent landmark. The showings occur in a prominent cirque at elevations ranging from 6900 feet to 7000 feet. The lower or main adit is 6,500 feet above sea level and the upper of No. 1 adit is 6800 feet above sea level. Camp is at an elevation of approximately 5,900 feet above sea level.

A jeep road extends from Goldbridge to Gray Rock camp a distance of about 17 miles. Location of the camp is 50°52'N, 122°42'W.

The terrain is rugged, alpine with steep cirques and rocky crags. Camp water supply is excellent and two highland lakes, Bergenham and Belliveau Lakes, are at elevations of about 6,500 feet above sea level.

PROPERTY AND OWNERSHIP

Gray Rock Mining Company owns a total of sixteen claims which are shown in the accompanying sketch map (figure 1). The following is the latest information:-

| <u>Name of Claim</u> | <u>Record Numbers</u> | <u>Expiry Date</u> |
|----------------------|-----------------------|--------------------|
| June Nos. 1-4 | 18136-18139 | May 15, 1960 |
| Jean Nos. 1-5 | 18868-18872 | May 31, 1960 |
| Jean Nos. 6-12 | 18931-18937 | July 21, 1960 |
| Jane Nos. 1-4 | 21969-21972 | |

On the basis of work completed by Canadian Exploration Limited assessment work is being claimed on only five of the above claims, namely Jean Nos. 1, 2, 7 and 8 Mineral Claims, and June No. 2 Mineral Claim. The underground mapping was

carried out in No. 2 adit which straddles the north-south boundary between Jean No. 1 and June No. 2 Mineral Claims. (See Figure 2).

The claims are located in the Lillooet Mining Division with recording office Lillooet, B. C.

HISTORY

The claims were staked by Andy Bergenham in 1931 and the property was acquired by Gray Rock Mining Syndicate in the fall of 1936. In 1949 a road 12 miles long was built from the crossing of the Bridge River at Minto Mine townsite to the property. No. 1 cross-cut adit was started on August 1st, 1950 at an elevation of 6,800 feet and was driven 400 feet before work stopped for the winter. In 1951 the adit was driven another 12 feet to intersect No. 1 vein which was followed by a drift for 25 feet and further explored by four short diamond drill holes.

Engineers of Bralorne Mines Limited examined the property in 1951. On March 31st, 1952 the Gray Rock Mining Company made an agreement with Bralorne Mines Limited whereby development was to be carried out by the latter Company.

The No. 2 cross-cut adit was started in July at an elevation of 6,500 feet, and work in this adit was continuous until December. The No. 1 vein was intersected at 994 feet from the portal and the adit was continued for an additional 202 feet. A total length of 576 feet of drift was driven on the vein.

In 1953 an additional 241 feet of adit was driven on the No. 1 vein in the No. 2 adit. Two raises 40 feet and 37 feet long were driven on the vein above this level. Bralorne also did 959 feet of exploratory drilling in the No. 2 adit.

B. C. Department of Mines Engineers, O'Grady (1936) and Stevenson (1949) sampled the surface showings. W. R. Bacon stated in 1954 that the results of their sampling gave assays of the same order as later more detailed sampling by Company engineers.

PRODUCTION

A test shipment of 16,200 lbs. of hand-cobbed antimony ore was shipped to Antwerp in 1952. It assayed Sb = 50.20%, As = 0.19% and at a price of \$5.65 per long ton unit Sb realized \$2,043.04.

PREVIOUS REPORTS

The following reports have been studied by the writer:-

1. Annual Report Minister of Mines, B.C. 1936 pp F43-F47 by B. T. O'Grady.

2. Annual Report Minister of Mines, B.C., 1949 pp A107-A112 by J. S. Stevenson.
3. Miscellaneous private reports by H. L. Hill (July 1949 and September 1951), C. Rutherford (August 7, 1948), E. Lovitt (1936), Bralorne Mines (Don Matheson) October 9, 1953.
4. Annual Report Minister of Mines, B.C., 1954, pp A104 - A106 by W. H. Bacon.

The earlier reports were extremely optimistic as no doubt they had reason to be on account of the promising looking surface showings. However, the latest report by Bralorne Mines Limited shows that individual shoots are small and when the two raises were driven on what was seemingly the best sections of ore in No. 2 adit, the vein became very narrow and the values dropped.

GENERAL GEOLOGY

The general geology of the Gray Rock area has been discussed by O'Grady, Stevenson and Bacon. The showings are quartz veins in metamorphosed sediments in an embayment in the Bender batholith. The batholithic rock consists of medium-grained granodiorite. The meta sediments are mainly dark-grey to greenish-grey graywackes and pebble conglomerates of the Ferguson series. Observations in the No. 2 adit show that the sediments strike E.N.E. and dip at angles of 70° to 80° northwards or into the granodiorite. North of the main vein the sediments show small scale folding. Although at least six veins are known that strike north-easterly and dip 35° to 60° south-eastwards, only the three most conveniently located and best mineralized veins have been prospected.

Surface work consists of strippings and open-cuts but no diamond drilling has been attempted. The Main vein, No. 1, contains stibnite, tetrahedrite and or tennantite, galena, sphalerite and small amounts of arsenopyrite and pyrite. The mineralized material in Nos. 2 and 3 veins consists of discontinuous lenses of relatively high-grade stibnite, unaccompanied by the other sulphides found in No. 1 vein.

The contact between the granodiorite and the sediments strikes N70°E and dips 80° northward.

W. H. Bacon in describing the No. 1 vein states that "it is more or less continuously exposed for approximately 600 feet westerly over a local summit or ridge." His sampling indicates that the vein is narrower and the amount of metals contained considerably less in this western undeveloped portion of the vein.

WORKINGS

Lower adit: This adit was driven by Bralorne Mines Ltd.

For the first 870 feet the adit traversed stretched pebble conglomerate of the Fergusson series. The beds appear to dip to the north at angles from 70° to 80°. The beds are cut by a series of faults, fractures and joints which strike 020° and dip at angles of from 40° to 85°E and W. Granitic dykes, quartz veins and calcite seams follow these fractures striking 020°. At approximately 870 feet from the portal a sudden change takes place and from 870 feet to 1100 feet the cross-cut traverses biotite rock. From 1,100 feet to 1,180 feet mixed biotite rock and stretched pebble conglomerate was intersected and from 1,180 feet to the face at 1,190 feet dark diorite is observed.

The main quartz vein was cut in the cross-cut at about 980 feet from the portal.

The east drift is approximately 280 feet in length and the west drift is approximately 500 feet in length.

DESCRIPTION OF MAIN VEIN

The vein follows a sinuous course as evidence the wavy course of the drift. It is composed chiefly of white quartz mineralized with varying amounts of pyrite, galena, sphalerite, and occasionally patches of stibnite. Rarely arsenopyrite and tennantite are met and minor azurite and chalcopyrite. Vein width is very irregular - it pinches and swells rapidly and it is cut by numerous faults, crush zones and fractures which generally follow the line of weakness N20°E observed in the cross-cut. The vein is brecciated in certain sectors and is occasionally vuggy and iron-stained. The stibnite tends to concentrate on the H.W. side of the vein and the heavy sulphides are generally found concentrated on the H.W. or F.W. side of the vein. The vein has a general strike of 073° and average dip of 63° southerly.

DIAMOND DRILLING

Four diamond drill holes completed in 1952 are shown on the accompanying plan of No. 2 adit. The locations and intersections are based on data supplied by Bralorne Mines Limited. It will be noted that in the four drill holes totalling 959 feet only one zone of mineralization was met. Apparently drill holes Nos. G5, G7 and G8 were drilled to intersect No. 2 vein without success. Drill hole No. 6 was drilled North-eastwards at -27° and did meet the downward extension of No. 2 vein. From 186.0 - 201.5 the following assays were obtained 186.0 - 187.2 = 1.2 feet at 0.01 ounces gold per ton, 1.02 ounces silver per ton, 187.2 - 200.0' = 2.8' at 0.01 ounces gold per ton, 0.78 ounces silver per ton, 200 - 201.5 = 1.5' at 0.02 ounces gold per ton, 2.62 ounces silver per ton.

Four short drill holes were completed from the upper adit in 1951, but the results are not available. However, the holes were named G1 - G4 and are shown on Gray Rock Mining Company maps.

SAMPLING AND ASSAYS

A total of 34 samples were taken by Messrs. C. E. McFarland and S. G. Christie under the supervision of the writer. These samples were taken with great care and should be classed as sub-channel cut. They can be regarded as representative. The locations are shown on the plan of No. 2 adit accompanying this report and details of location, widths sampled, description and assays are given in Appendix I. Assay certificates by G. S. Eldridge & Co. Ltd. are also attached.

A composite sample representing samples Nos. 1-34 ran 0.01 ounces gold per ton, 4.0 ounces silver per ton, 0.78% lead, 0.52% zinc, 0.12% copper and 1.47 percent antimony.

With a few exceptions it can be said that generally good agreement is observed between assays of samples taken by O'Grady, Stevenson, Bacon, Rutherford and Pioneer Mines Ltd.

GRADE OF ORE INDICATED IN NO. 2 ADIT

On the accompanying map the writer has indicated four shoots of ore numbered 1 - 4, with their respective lengths, average width and average grades. The average grade for the four ore shoots is 0.01 ounces Au per ton, 4.3 ounces silver per ton, 0.58% lead, 0.64% zinc, 0.12% copper and 2.00% antimony. It is obvious such ore is not commercial when the average width is only 2 feet as shown on the plan, and since it would be necessary to mine over a width of 4 feet the average value would be appreciably diminished far below commercial grade.

GENERAL CONSIDERATIONS

The heavy cover of snow and ice made it impossible to examine the surface showings apart from a small section of the eastern portion of No. 1 vein outcrop. It was not safe to examine the upper showings and in fact the upper adit, No. 1 adit, was completely covered by snow and ice at the time of my visit. Since the western showings traverse a series of knife edged scarps and cols any surface examination should be conducted by a geologist fully equipped and trained for alpine geology.

Any results contained in this report can only be used as a guide since it was not possible to check the surface showings and the upper adit. Nevertheless, on the basis of a study of the maps and sections prepared by the Gray Rock Mining Company, Bralorne Mines Limited, the B. C. Department of Mines and private reports listed above, the writer concludes that the better ore values are restricted to the lenses which generally do not average more than 4.0 feet in width.

The longest ore shoot observed has a length of about 160 feet, average width 2.0 feet and unknown vertical extent. Study of the longitudinal sections suggests that this main ore shoot has a rake to the west. This feature does not appear to have been recognized before.

Mr. Len Belliveau has suggested that it is necessary to extend the western drift beyond the fault and test the western extension, since the best surface values in No. 1 vein were obtained west of No. 1 adit.

In order to test Mr. Belliveau's ideas it would be necessary to extend the western drift a distance of about 300 feet beyond the strong fault in the end of the drift. Timbering would be required in the western drift and this would add to the overall cost.

Air and water lines run from the portal to the western drift and a compressor is connected to the air line.

It is estimated that it would cost about \$40,000 to carry out the 300 feet of drifting and approximately 2000 feet of (underground) diamond drilling. It would be advisable to let the work out to a suitable contractor.

SUMMARY AND CONCLUSIONS

Heavy cover of snow and ice precluded a complete examination of the upper adit and surface showings. Nevertheless, on account of the extensive surface sampling of the main showings by reliable geologists and engineers we are in a position to assess the relative value of the showings in relation to the vein in No. 2 adit as carefully mapped and sampled by the writer.

The vein possesses a strong sharp hanging wall and generally a strong clean footwall, but the mineralization occurs in shoots, the longest of which is only 160 feet in length. Although widths up to 4.5 feet and 5.0 feet have been observed the average width of the four shoots in No. 2 adit is of the order of 2.0 feet and average vein width is considerably less. The vein is cut by numerous fault and cross-fractures with associated barren zones and the mineralization is quite erratic.

The average grade of the best zones in No. 2 adit is 0.01 of gold per ton, 4.3 ounces silver per ton, 0.58% lead, 0.64% zinc, 0.12% copper and 2.00% antimony for an average width of 2.0 feet. Since it would be necessary to mine the ore over a minimum width of 3.5 feet to 4.0 feet it is obvious that further dilution would make it impossible to mine at a profit.

The silver values are not sufficiently high to enable the vein to be mined for silver alone and the antimony is limited in extent.

Contingent upon appraisal of the surface showings it may be possible to recommend advancing the western drift of the No. 2 adit a distance of about 300 feet. This work in conjunction with approximately 2000 feet of underground diamond drilling is estimated to cost \$40,000.00.

Clive W. Ball

Clive W. Ball
Chief Geologist.

CWB:mg
Vancouver B.C.
March 10, 1960.

GRAY ROCK MINE, NO. 2 ADIT

APPENDIX I

TRUAX CREEK, BRIDGE RIVER, S.C.

SAMPLES TAKEN BY C. W. HALL, JULY 14 - 17, 1959

| Field Sample No. | Canex Sample No. | Location | Width Sampled (feet) | A S S A Y | | | | | | REMARKS |
|------------------|------------------|-------------------|----------------------|----------------|------------------|-------|------|--------|----------|---|
| | | | | Gold Oz/ton | Silver Oz/ton | Lead | Zinc | Copper | Antimony | |
| 1 | 3220 | E. Drift 0-15.5' | 2.5 | 0.02 | 2.2 | 0.86 | 0.93 | 0.04 | 0.35 | Banded white quartz with heavy pyrite. |
| 1A | 3221 | " 0-15.5' | 2.8 | Trace | 1.2 | 0.11 | 0.25 | 0.04 | 0.06 | mixed quartz and formation with quartz veins and disseminated pyrite |
| 2 | 3222 | W. Drift R-55.0' | 1.3 | Trace | 0.6 | 0.10 | 0.24 | Trace | 0.06 | White quartz with a little pyrite |
| 3 | 3223 | " R-43.0' | 0.8 | Trace | Trace | 0.07 | 0.21 | Trace | 0.03 | Banded white quartz. |
| 4 | 3224 | " R-25.5 | 2.0 | Trace | 0.4 | 0.05 | 0.21 | Trace | 0.03 | White quartz |
| 5 | 3225 | " R-14.5' | 1.7 | Trace | 0.2 | 0.07 | 0.21 | Trace | 0.06 | White quartz |
| 6 | 3026 | " S-27.5' | 1.0 | Trace | 0.2 | 0.07 | 0.21 | Trace | 0.48 | White quartz. |
| 7 | 3027 | " S-5.5' | 1.6 | Trace | 0.4 | 0.05 | 0.25 | Trace | 0.04 | Pyritized formation with veins of white quartz. |
| 8 | 3028 | " S + 6.7' | 2.3 | Trace | 0.3 | 0.10 | 0.29 | 0.02 | 0.04 | White quartz 1.5' on H.W. lies over pyritized formation veined by quartz |
| 9 | 3029 | " S + 18.0' | 1.7 | 0.01 | 7.4 | 3.39 | 1.23 | 0.29 | 0.20 | Abundant galena and coarse pyrite. |
| 10 | 3030 | " T + 12.0' | 2.2 | Trace | 1.3 | 0.14 | 0.26 | 0.04 | 0.10 | Quartz vein. |
| 11 | 3171 | " U + 2.0' | 2.0 | 0.02 | 10.9 | 2.39 | 1.16 | 0.29 | 0.52 | Banded white quartz, 1 foot heavy pyrite on H.W. side |
| 12 | 3170 | " U + 8.0' | 2.0 | 0.01 | 7.5 | 1.29 | 1.11 | 0.24 | 0.24 | Rusty gouge and quartz. 6" gouge on F.W. and 6" gouge on H.W. |
| 13 | 3169 | " V-20.0 | 4.0 | 0.02 | 3.5 | 2.50 | 3.70 | 0.17 | 0.69 | White quartz banded with disseminated pyrite. |
| 14 | 3168 | " W-94.0 " "V" | 3.0 | 0.01 | 1.6 | 0.56 | 0.80 | 0.05 | 12.05 | Disseminated pyrite in white quartz, banded. 2" stibnite on H.W. 3" stibnite on F.W. |
| 15 | 3167 | " W-83.0 | 2.6 | Trace | 1.9 | 0.34 | 0.52 | 0.04 | 0.56 | 9" stibnite rich on H.W. - the balance is banded quartz with a little arsenopyrite and pyrite. 2" gouge on F.W. |
| 16 | 3166 | " W-69.0 | 3.0 | Trace | 3.3 | Trace | 0.28 | 0.05 | 8.90 | Sheared country-rock and quartz. 3" solid stibnite on F.W. |
| 17 | 3165 | " W-48.0 | 3.3 | 0.02 | 0.8 | 0.10 | 0.24 | 0.02 | 3.23 | 1.0' stibnite on H.W. Balance is banded quartz with less than 1% stibnite. |

| Field Sample No. | Canex Sample No. | Location | Width Sampled (feet) | A. S. S. A. Y. | | | | | | REMARKS |
|------------------|------------------|--------------------------------------|----------------------|----------------|----------------|-------|------|--------|----------|---|
| | | | | Gold Oz./Tcn | Silver Oz./Tcn | Lead | Zinc | Copper | Antimony | |
| 18 | 3164 | W. Drift W-38.0' | 4.3' | 0.02 | 3.3 | 0.08 | 0.48 | 0.05 | 8.99 | 12" stibnite on H.W. |
| 19 | 2424 | E. Drift L + 14.0' (N. wall) | 1.0 | Trace | 0.4 | 0.05 | 0.23 | Trace | 0.28 | Quartz white banded. |
| 20 | 2425 | " L + 18.0' (") | 2.0 | 0.01 | 1.4 | 0.16 | 0.21 | 0.02 | 0.21 | F.W. split. white quartz with rare disseminated pyrite. |
| 21 | 2421 | " L + 29.0' (S. wall) | 2.3 | 0.02 | 5.4 | 1.85 | 1.01 | 0.14 | 0.66 | Banded white quartz, azurite stain and disseminated pyrite. The quartz is vuggy iron stained. |
| 22 | 2422 | " L + 28.0 | 5.3 | 0.02 | 6.1 | 0.34 | 0.36 | 0.12 | 1.05 | Back sample. White quartz with nests of pyrite and dark metallic mineral. |
| 23 | 2423 | " N + 5.6' | 3.0 | 0.02 | 10.7 | 0.80 | 0.36 | 0.25 | 2.03 | Back sample. White quartz with nests of pyrite, galena & tennantite. Brecciated structure. |
| 24 | 3172 | " N + 12.0' | 4.3 | 0.02 | 1.4 | 0.18 | 0.25 | 0.04 | 0.70 | Back sample. White quartz with disseminated pyrite, azurite stain, galena and sphalerite (?) |
| 25 | 3173 | " N + 31.0' | 2.8 | Trace | 0.2 | 0.15 | 0.43 | 0.02 | 5.45 | North wall, rib sample. White quartz with 1 foot H.G. Sb ore on H.W. side. |
| 26 | 3174 | " N + 41.4'(back) | 5.0 | 0.02 | 1.1 | 0.16 | 0.33 | 0.05 | 0.97 | Quartz, white with 2" stibnite in centre of vein. |
| 27 | 3175 | " N + 51.0'(back) | 4.2 | 0.02 | 1.3 | 0.15 | 0.33 | 0.02 | 0.28 | Brecciated white quartz on H.W. Formation in centre section and white quartz on F.W. |
| 28 | 3213 | " N + 66.0'(back) | 4.5 | 0.02 | 4.1 | 0.33 | 0.62 | 0.10 | 1.92 | White quartz speckled with pyrite and dark sulphide on H.W. |
| 29 | 3214 | " N + 73.0'(S. wall) | 3.5 | 0.01 | 0.6 | 0.11 | 0.26 | Trace | 0.10 | Banded white quartz. |
| 30 | 3215 | " N + 80.0'(S. wall) | 1.5 | Trace | 0.3 | 0.05 | 0.18 | 0.02 | 0.03 | White quartz & pyritised formation. |
| 31 | 3216 | " N + 34.0'(N. wall rib) | 3.0 | 0.02 | 7.0 | 0.48 | 0.93 | 0.22 | 0.34 | White quartz. White quartz with reddish stains & a little pyrite. Slightly vuggy. Chalcopyrite and sphalerite present on F.W. side. Also a little tennantite on F.W. side |
| 32 | 3217 | " N + 39.0'(N. wall rib) | 3.0 | 0.02 | 5.8 | 0.80 | 0.43 | 0.12 | 0.34 | White quartz. Chalcopyrite prominent & red brown stain |
| 33 | 3218 | " N + 48.0'(E. side bottom of raise) | 4.0 | 0.02 | 7.8 | 0.71 | 0.60 | 0.20 | 0.28 | White quartz. Chalcopyrite prominent. Red-brown stain malachite, and a little pyrite |
| 34 | 3219 | " Foot of E. raise | | 0.02 | 41.0 | 11.94 | 2.54 | 1.37 | 0.91 | Grab sample of muck from winse foot of E. raise. Heavy iron sulphide, galena, quartz etc. |

| | A S S A Y | | | | | |
|---|-----------------|-------------------|-----------|-----------|-------------|---------------|
| | Gold Oz./Ton | Silver Oz./Ton | Lead % | Zinc % | Copper % | Antimony % |
| Composites of field samples 1 - 34 inclusive | 0.01 | 4.0 | 0.78 | 0.52 | 0.12 | 1.47 |

Assays by G. S. Aldridge & Co. Ltd.
Vancouver, B. C.



CABLE ADDRESS "ELDRICO"
 FILE NO. 28945
 DATE July 30, 1959

Comox Aerial Explorations Ltd.,
 700 - 1030 West Georgia Street
 Vancouver, B.C.

G. S. ELDRIDGE & CO. LTD.
 ASSAYERS METALLURGISTS CHEMISTS
 INSPECTION AND TESTING ENGINEERS
 822 HORNBY ST. VANCOUVER, CANADA

MEMBER OF
 CANADIAN INSTITUTE OF CHEMISTRY
 CANADIAN INSTITUTE MINING AND METALLURGY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY FOR METALS
 AMERICAN CHEMICAL SOCIETY
 ASSOCIATION OF OFFICIAL RACING CHEMISTS
 NATIONAL ASSOCIATION OF CORROSION ENGINEERS

We hereby Certify that the following are the results of assays made by us upon submitted ORE samples.

| MARKED | GOLD | | SILVER | | Lead (Pb) | | Zinc (Zn) | | Copper (Cu) | | ANTIMONY (Sb) PER TON |
|-----------|-------------------|------------------|-------------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-----------------------------|
| | OUNCES PER TON | VALUE PER TON | OUNCES PER TON | VALUE PER TON | PER CENT | VALUE PER TON | PER CENT | VALUE PER TON | % | VALUE PER TON | |
| 1- 3220 | 0.02 | 0.70 | 2.2 | | 0.86 | | 0.93 | | 0.04 | | 0.35 |
| 1A- 3221 | Trace | - | 1.2 | | 0.11 | | 0.25 | | 0.04 | | 0.06 |
| 2 - 3222 | Trace | - | 0.6 | | 0.10 | | 0.24 | | Trace | | 0.06 |
| 3 - 3223 | Trace | - | Trace | | 0.07 | | 0.21 | | Trace | | 0.03 |
| 4 - 3224 | Trace | - | 0.4 | | 0.05 | | 0.21 | | Trace | | 0.03 |
| 5 - 3225 | Trace | - | 0.2 | | 0.07 | | 0.21 | | Trace | | 0.06 |
| 6 - 3026 | Trace | - | 0.2 | | 0.07 | | 0.21 | | Trace | | 0.48 |
| 7 - 3027 | Trace | - | 0.4 | | 0.05 | | 0.25 | | Trace | | 0.04 |
| 8 - 3028 | Trace | - | 0.3 | | 0.10 | | 0.29 | | 0.02 | | 0.04 |
| 9 - 3029 | 0.01 | 0.35 | 7.4 | | 3.39 | | 1.23 | | 0.29 | | 0.20 |
| 10 - 3030 | Trace | - | 1.3 | | 0.14 | | 0.26 | | 0.04 | | 0.10 |
| 11 - 3171 | 0.02 | 0.70 | 10.9 | | 2.39 | | 1.16 | | 0.29 | | 0.52 |
| 12 - 3170 | 0.01 | 0.35 | 7.5 | | 1.29 | | 1.11 | | 0.24 | | 0.24 |
| 13 - 3169 | 0.02 | 0.70 | 3.5 | | 2.50 | | 3.70 | | 0.17 | | 0.69 |
| 14 - 3168 | 0.01 | 0.35 | 1.6 | | 0.56 | | 0.80 | | 0.05 | | 12.05 |
| 15 - 3167 | Trace | - | 1.9 | | 0.34 | | 0.52 | | 0.04 | | 0.56 |
| 16 - 3166 | Trace | - | 3.3 | | Trace | | 0.28 | | 0.05 | | 8.90 |
| 17 - 3165 | 0.02 | 0.70 | 0.8 | | 0.10 | | 0.24 | | 0.02 | | 3.23 |
| 18 - 3164 | 0.02 | 0.70 | 3.3 | | 0.08 | | 0.48 | | 0.05 | | 8.99 |

Above samples taken by C. W. Ball - Gray Rock Property

Gold calculated at \$ 35.00 per ounce. c.c. C. W. Ball Calculated at _____ cents per lb.
 Silver calculated at _____ per ounce. Calculated at _____ cents per lb.

NOTE: Rejects retained one week.
 Pulps retained three months.
 Pulps and rejects may be stored for a maximum of one year by special arrangement.

H. Shaffer

Provincial Assayer

CABLE ADDRESS "ELDRIDGE"
 FILE NO. 28945
 DATE July 30, 1959

Canex Aerial Explorations Ltd.
 700 - 1030 West Georgia Street,
 Vancouver, B.C.

Certificate of Assay

G. S. ELDRIDGE & CO. LTD.
 ASSAYERS METALLURGISTS CHEMISTS
 INSPECTION AND TESTING ENGINEERS
 633 HORNBY ST. VANCOUVER, CANADA

MEMBERS OF
 CANADIAN INSTITUTE OF CHEMISTRY
 CANADIAN INSTITUTE MINING AND METALLURGY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY FOR METALS
 AMERICAN CHEMICAL SOCIETY
 ASSOCIATION OF OFFICIAL AGENCIES CHEMISTS
 NATIONAL ASSOCIATION OF CORROSION ENGINEERS

We hereby certify that the following are the results of assays made by us upon submitted OR B samples.

| MARKED | GOLD | | SILVER | | Lead (Pb) | | Zinc (Zn) | | Copper (Cu) | | ANTIMONY |
|--------------------------------|-------------------|------------------|-------------------|------------------|--------------|------------------|--------------|------------------|-------------|------------------|------------------------|
| | OUNCES PER TON | VALUE PER TON | OUNCES PER TON | VALUE PER TON | PER CENT. | VALUE PER TON | PER CENT. | VALUE PER TON | % | VALUE PER TON | PER TON (1000 LBS.) |
| 19 - 2424 | Trace | - | 0.4 | | 0.05 | | 0.23 | | Trace | | 0.28 |
| 20 - 2425 | 0.01 | 0.35 | 1.4 | | 0.16 | | 0.21 | | 0.02 | | 0.21 |
| 21 - 2421 | 0.02 | 0.70 | 5.4 | | 1.85 | | 1.01 | | 0.14 | | 0.66 |
| 22 - 2422 | 0.02 | 0.70 | 6.1 | | 0.34 | | 0.36 | | 0.12 | | 1.05 |
| 23 - 2423 | 0.02 | 0.70 | 10.7 | | 0.80 | | 0.36 | | 0.25 | | 2.03 |
| 24 - 3172 | 0.02 | 0.70 | 1.4 | | 0.18 | | 0.25 | | 0.04 | | 0.70 |
| 25 - 3173 | Trace | - | 0.2 | | 0.15 | | 0.43 | | 0.02 | | 5.45 |
| 26 - 3174 | 0.02 | 0.70 | 1.1 | | 0.16 | | 0.33 | | 0.05 | | 0.97 |
| 27 - 3175 | 0.02 | 0.70 | 1.3 | | 0.15 | | 0.33 | | 0.02 | | 0.28 |
| 28 - 3213 | 0.02 | 0.70 | 4.1 | | 0.33 | | 0.62 | | 0.10 | | 1.92 |
| 29 - 3214 | 0.01 | 0.35 | 0.6 | | 0.11 | | 0.26 | | Trace | | 0.10 |
| 30 - 3215 | Trace | - | 0.3 | | 0.05 | | 0.18 | | 0.02 | | 0.03 |
| 31 - 3216 | 0.02 | 0.70 | 7.0 | | 0.48 | | 0.93 | | 0.22 | | 0.34 |
| 32 - 3217 | 0.02 | 0.70 | 5.8 | | 0.80 | | 0.43 | | 0.12 | | 0.34 |
| 33 - 3218 | 0.02 | 0.70 | 7.8 | | 0.71 | | 0.60 | | 0.20 | | 0.28 |
| 34 - 3219 | 0.02 | 0.70 | 41.0 | | 11.94 | | 2.54 | | 1.37 | | 0.91 |
| Composite 1 - 34 inclusive. | 0.01 | 0.35 | 4.0 | | 0.78 | | 0.52 | | 0.12 | | 1.47 |

above samples taken by C. W. Ball - Gray Rock property

c. c. C. W. Ball

Gold calculated at \$35.00

per ounce.

Calculated at

cents per lb.

Silver calculated at

per ounce.

Calculated at

cents per lb.

NOTE: Rejects retained one week.

Pulps retained three months.

Pulps and rejects may be stored for a maximum of one year by special arrangement.

H. Shingles

Provincial Assayer



REPRESENTATIVES IN
EASTERN CANADA, UNITED
STATES, EUROPE & JAPAN

G. S. ELDRIDGE & CO. LTD.
STANDARD TESTING LABORATORIES

CHEMICAL, INSPECTING AND TESTING ENGINEERS, ANALYTICAL CHEMISTS
PROVINCIAL ASSAYERS & METALLURGISTS

VANCOUVER - VICTORIA - PRINCE GEORGE

633 HORNBY STREET - VANCOUVER 1 - CANADA

PHONE MUTUAL 4-1267

CABLE ADDRESS 'ELDRICO'

July 29, 1959

Canex Aerial Explorations Ltd.,
700 - 1030 West Georgia Street,
Vancouver, B.C.

Dear Sirs:

We have made a qualitative spectrographic analysis
on sample of ore submitted and report as follows:

Silicon MAJOR CONSTITUENT

Magnesium, Iron, Aluminum, Calcium INTERMEDIATE CONSTITUENTS

MINOR CONSTITUENTS

| | | |
|------------|---|-------------------|
| Lead, | } | 1% |
| Potassium | | |
| Antimony | | |
| Copper, | } | 0.1 - 1% |
| Sodium | | |
| Zinc | | |
| Manganese | | |
| Titanium | } | 0.01 - 0.1% |
| Nickel | | |
| Chromium | | |
| Barium | | |
| Molybdenum | } | Traces. |
| Vanadium | | |
| Silver | | |
| Zirconium | | |
| Cobalt | | |
| Strontium | | |

Respectfully submitted,
G. S. ELDRIDGE & CO. LTD.,
per

Robert C. Farrell

RCF*tm.

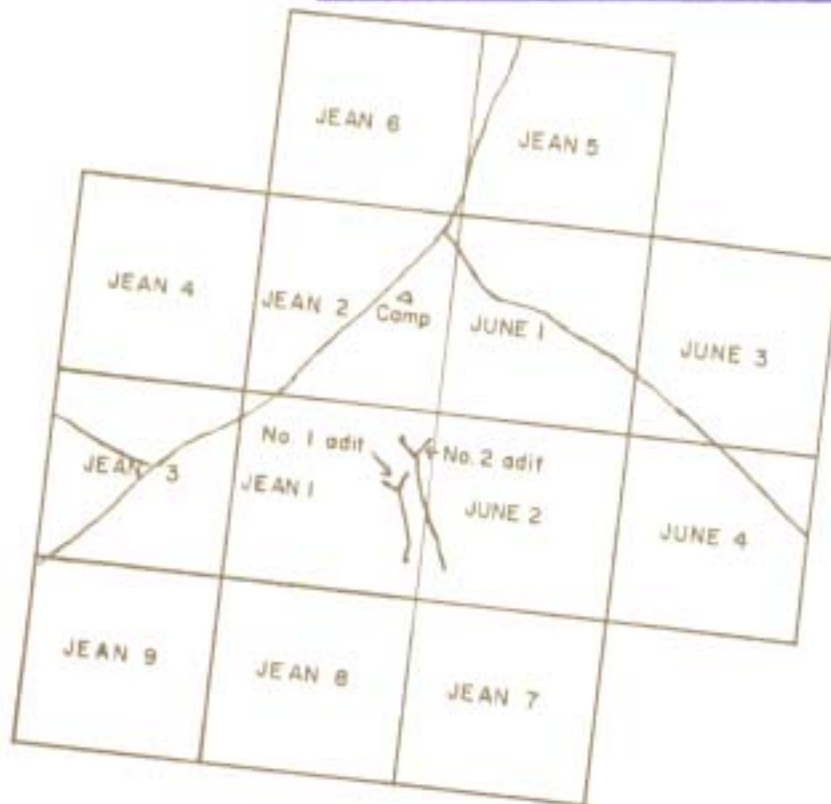
Gray Rock Mining Company

Truax Creek, Bridge River, B.C.

Sketch Map of Mineral Claims showing approx.
position of No. 1 and 2 adits.

SCALE 1" = 1,500'

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 305 MAP # 1



C. Ball

STATEMENT OF ACCOUNT

Geological mapping and sampling Gray Rock
mine workings (exclusive of road work
previously applied for)

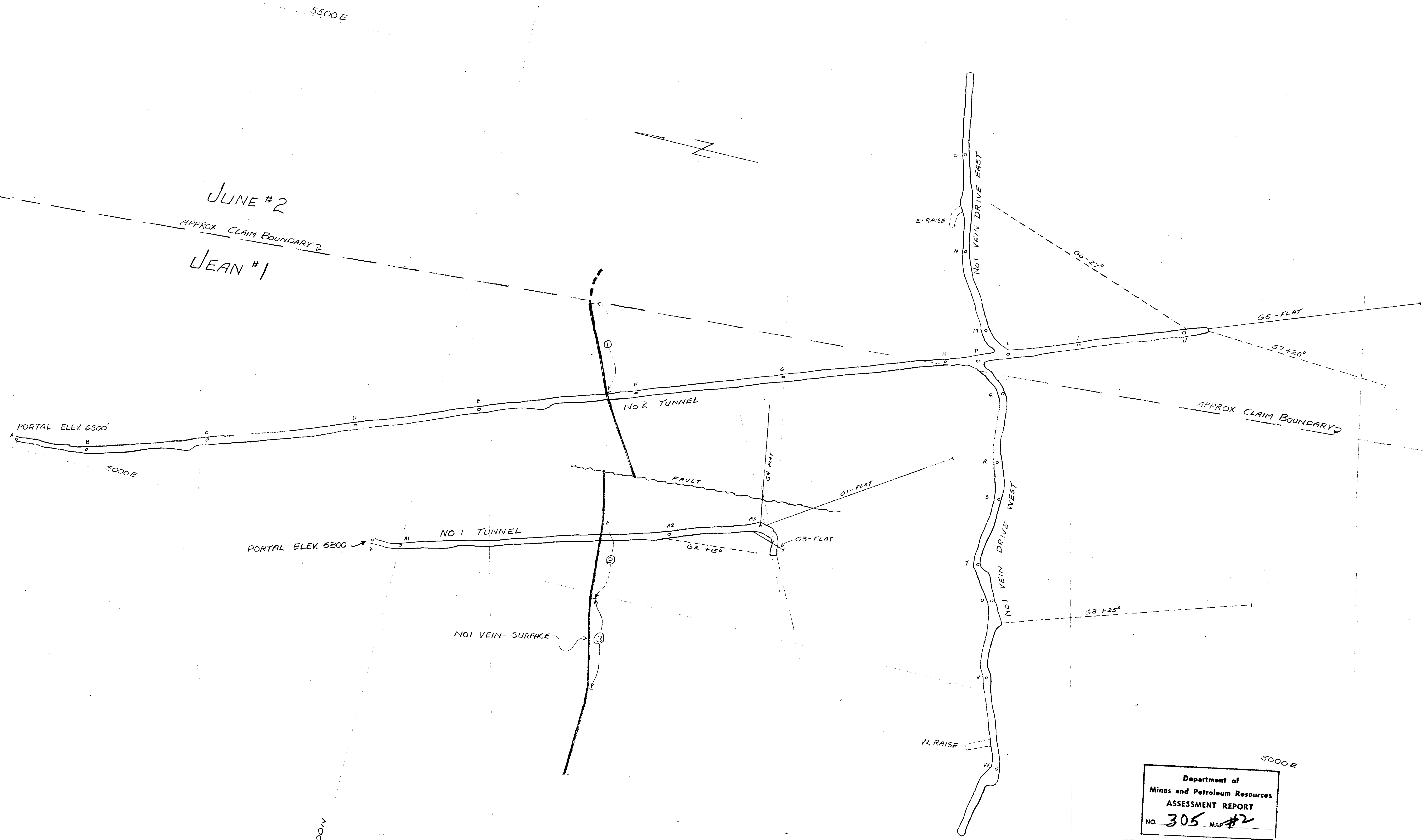
| | | |
|-------------------|--|-------------------|
| Clive W. Ball | July 5-21/1959 = 14 days @ \$26.50 per day = | \$371.00 |
| Cole E. McFarland | July 5-21/1959 = 14 days @ \$20.10 per day = | 281.40 |
| Sam G. Christie | July 5-21/1959 = 14 days @ \$12.80 per day = | 179.20 |
| Leigh A. Welch | July 5-21/1959 = 14 days @ \$12.80 per day = | 179.20 |
| Transportation | 250 miles @ 20¢ per mile = | 50.00 |
| | Total | <u>\$1,060.80</u> |

Vancouver, B.C.
8 March 1960

Clive W. Ball

JUNE #1
APPROX. CLAIM BOUNDARY

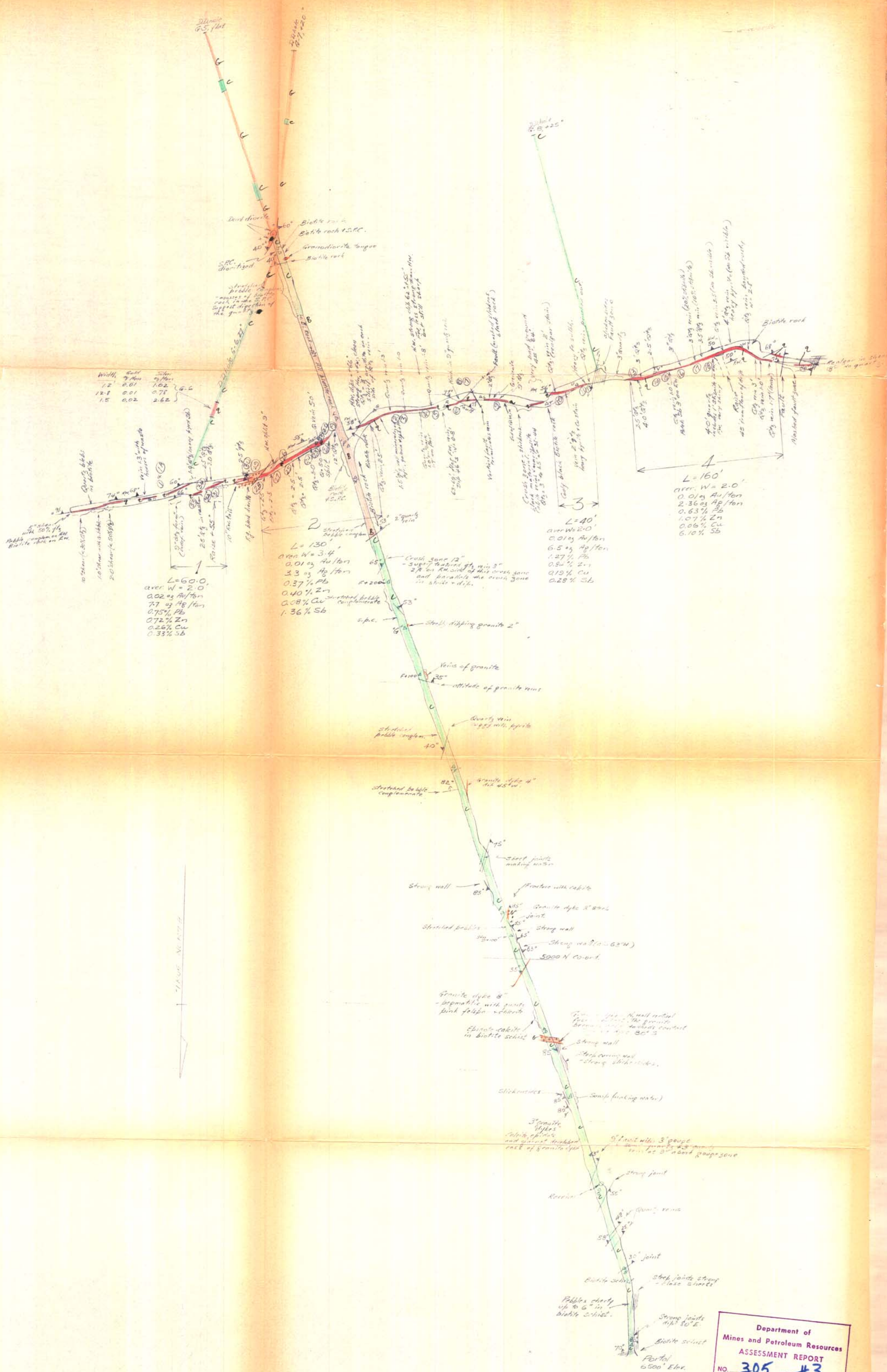
JUNE #2
APPROX. CLAIM BOUNDARY
JEAN #1



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 305 MAP #2

GRAYROCK
COMPOSITE PLAN
SCALE 1" = 40'
C.W. Ball
MAR. 1960

4000 N



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 305 MAP #3

305

CANADIAN EXPLORATION LTD.
 Geological Map
 No. 1 Adit, Gray Rock Mine
 TRUAX CREEK, BRIDGE RIVER, B.C.
 Scale: 1 inch = 40 feet
 C.W. Ball March 3, 60

Legend:

- a** Quartz veins.
- b** Granite, granodiorite + diorite
- c** Stretched pebble conglomerate (S.P.C.)
- d** Biotite rock (may be derived from S.P.C.)

75° Strike + dip of walls, joints, slips, veins.
 60° Strike + dip of fault.