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R E P O R T

ON THE

PROMISTORA GROUP OF MINERAL CLAIMS

SLOCAN MINING DIVISION

BURTON, B.C.

R E P O R T
ON THE
PROMISTORA GROUP OF MINERAL CLAIMS
SLOCAN MINING DIVISION
BRITISH COLUMBIA

The Promistora Group of claims is situated on the south side of Mineral Creek, a tributary of Caribou Creek which flows into the Arrow Lakes at Burton, B.C. A good logging road extends six miles up Caribou Creek from Burton. From this point, a pack trail two to three miles long reaches the Promistora workings; this could be bull-dozed into a truck road for from \$1,500.00 to \$5,000.00 depending on the amount of rock work encountered.

The Property consists of the Crown Granted Promistora Claim, Lot 3786; six crown granted claims held under lease, -

| | |
|------------------------|----------|
| Mountain Meadow Claim, | Lot 3604 |
| Meadow Queen Claim | " 3605 |
| Skylark Claim | " 5719 |
| Shakespeare Claim | " 5720 |
| Meadow Claim | " 5862 |
| Ora Granda Claim | " 4659 |

and eleven mineral claims held by location as follows:

| | | | |
|------------|-------------|------------|-------------|
| Promex #1 | Record #610 | Sept. #3 | Record #616 |
| Promex #2 | " #611 | Sept. #4 | " #617 |
| Dunc. #3 | " #612 | Dunc. M.C. | " #618 |
| Sept. M.C. | " #613 | Dunc. #1 | " #619 |
| Sept. #1 | " #614 | Dunc. #2 | " #620 |
| Sept. #2 | " #615 | | |

The only portion of this group examined was that of the immediate vicinity of the workings on the Promistora Claim. So far the

only showing of interest on the group occurs on the Promistora, although unexplored showings are said to occur on the Mountain Meadow Claim, Lot 3804.

The showings are at an altitude of approximately 4500 feet.

HISTORY:

Little information is available as to the history of the Promistora Group. Ore was first discovered in the 1890's and a tunnel was driven beneath the ore exposures. Due to faulting, this tunnel only advanced a few feet along the vein. The tunnel is now caved within a few feet of the entrance, but records indicate that it was driven over 200 feet into the hillside partly along the fault which cuts off the ore and partly along shearings in the country rock. No ore is believed to be exposed in the tunnel. Last summer the tunnel was opened by Mr. McLeod and some samples were taken; all were low grade and said to have been of sheared and slightly mineralized material.

ORE OCCURRENCE:

The Promistora showing has an explored length of approximately 45 feet immediately above the tunnel entrance. The vein is trenched closely in this 45 feet and on surface it is strong in appearance and heavily mineralized with pyrite and sphalerite. The strike of the vein is approximately east and west and the tunnel was started on the eastern or lower end of the exposure. At this point a fault cuts the vein at a

steep angle and whereas it is about 30 inches wide at the surface, it is cut off to a thin wedge 9 feet below the surface at the tunnel portal. The vein appears to dip north at about 80° and the fault appears to dip north at 70 to 75 degrees. The country rock is sheared argillite, somewhat mineralized in the immediate vicinity of the vein and containing low gold values in this wall rock mineralization.

The hillside rises steeply to the west above the tunnel and rusty quartz has been found for a considerable distance up the hillside along the strike of the vein. Some gold values have been reported as occurring in this rusty and bleached quartz. However, except in the length of 45 feet immediately above the tunnel entrance, trenching and blasting have not exposed veins sufficiently to allow proper sampling. There are strong indications however that the vein does occur continuously westwards from the showing for over 900 feet.

Immediately to the east of the tunnel portal along the strike of the vein, a small creek runs down the hillside through a gulch apparently deep in over-burden. Further eastwards across the small creek bed, the hillside again drops off rapidly to Mineral Creek approximately 1500 feet below. All of this hillside is heavily covered in over-burden. Float has been reported here and there on the hillside and in the early days workings were opened on the Ora Granda Claim apparently in an attempt to locate the extension of the Promistora vein further down the hillside. There is no evidence that the "Old Timers" located the vein to the east

of the present workings, and no recent work has uncovered its continuation in this direction.

Sampling of the length of 45 feet of exposed vein gave the following results:

| | <u>Gold Ozs.</u> | <u>Silver Ozs.</u> |
|--|------------------|--------------------|
| 6 inches of heavily mineralized vein material, being full width of vein immediately above portal of tunnel | 8.83 | 9.1 |
| 2 feet of wall rock immediately adjoining the 6" of high-grade appearing in slightly mineralized country rock | 0.11 | 0.5 |
| Trench immediately above and about 5 feet west of tunnel portal, 30 inches of mineralized quartz | 3.40 | 3.3 |
| Mineralized quartz vein near east end at large open cut 32 feet west of tunnel portal | 0.68 | 1.6 |
| Heavily mineralized quartz vein in open cut 45 feet west of portal | 0.96 | 1.1 |
| Immediately to the north of this last sample, the wall rock was considerably mineralized for over 2 feet. 2 $\frac{1}{2}$ -foot sample of this mineralized argillite immediately north of the vein | 0.08 | 0.4 |
| Well mineralized spur or branch vein occurs in the large open cut to the north of the main vein. 18-inch sample across this spur | 0.03 | 0.3 |

No visible gold was observed in any of the samples. Panning tests on the vein material are said to have disclosed large amounts of very fine gold in the high-grade ore. It is likely that the gold occurs in very fine form intimately mixed with the sulphides.

CONCLUSIONS:

The showing of ore on this property is small but the vein is strong and exceptionally high-grade. The strong nature of the vein where opened and the indications that it persists for a considerable length up the hill above the showing, together with the fact that it is exceptionally high-grade where it has been opened up, give this property some worthwhile possibilities. The only work which should be done at present however, is that of opening up and trenching the vein over a greater length. Several men working for a month or two could accomplish a considerable amount of work and should indicate the possibilities of the property.

It must be borne in mind that the vein is cut off at depth by a strong fault and a continuation beneath this fault has not as yet been located. To the west, however, the possible area of vein occurring above the fault increases rapidly and provides possibilities for a fair tonnage to be developed above the fault if the values are continuous along the strike.

Diamond drilling would be difficult as the country rock is broken and contorted argillite which would not core well. If the high-grade ore continues up the hill to the west along the strike of the vein further exploration could easily be carried out by tunnelling.

The only recommendation I can make at this time is for further trenching along the extension of the vein to the west. Results of work

in this direction would indicate whether or not further and more extensive work is advisable.

Some prospecting might be done for other ore occurrences on the property as the presence of float on the hillside seems to indicate that other veins might occur; but before undertaking much prospecting, it would appear advisable to determine the nature of the ore occurrence along the strike of the known vein. The entire area is covered with small second growth trees, the larger timber having been burnt off in the early days. Sandy clay covers the area and necessitates trenching from one to five feet when prospecting is underway. Climatic conditions are good, allowing surface work to be undertaken from June to the end of October, and underground operations the year around.

Respectfully submitted,

June, 1949.

F. C. HUCKLAND, Ph. D.

To: Mr. John Allen,
Mindus Corporation Limited.

COPY/

W. G. THOMSON

Provincial Assayer

1155 West Pender Street,
Vancouver, B.C.
June 21st, 1949.

Assay Certificate No. 190.

Samples submitted by -
Dr. F. C. Buckland,
1403 Royal Bank Building,
Vancouver, B.C.

| Sample Marked | Gold Oz. Troy | Value | Silver Oz. Troy | Value |
|---------------|------------------|-------|--------------------|-------|
| PR 1 | 3.40 | | 3.3 | |
| PR 2 | 0.68 | | 1.6 | |
| PR 3 | 0.96 | | 1.1 | |
| PR 4 | 0.03 | | 0.4 | |
| PR 5 | 8.83 | | 9.1 | |
| PR 6 | 0.11 | | 0.5 | |
| PR 7 | 0.03 | | 0.3 | |

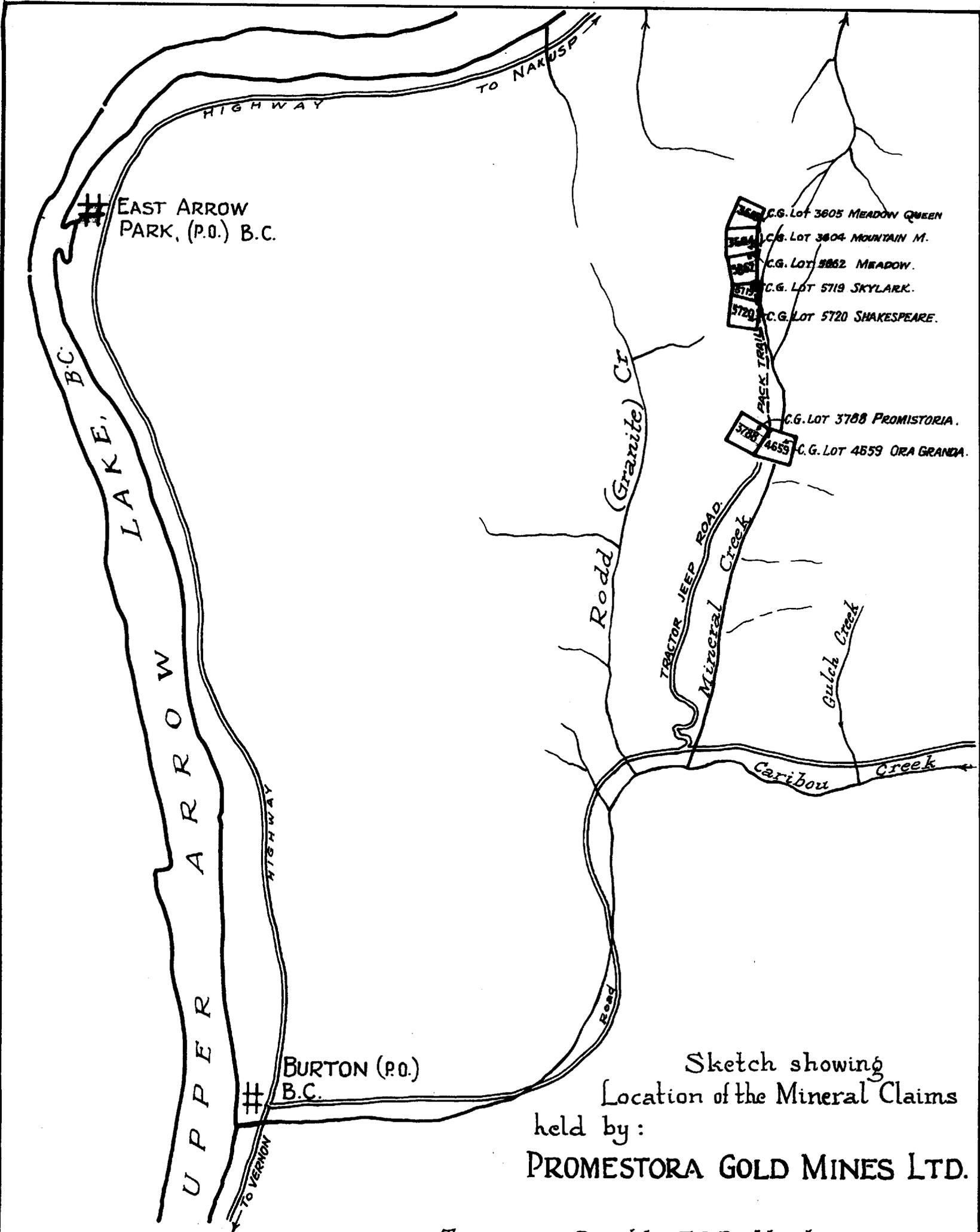
(Signed) W. G. THOMSON.

CERTIFICATE

I, F. C. BUCKLAND of the City of Vancouver, in the Province of British Columbia, hereby certify as follows:

- (1) That I am a registered Professional Geological Engineer and reside at 1725 Allison Road, Vancouver, B.C.
- (2) That I am a graduate of The University of British Columbia and of McGill University, and have been practising my profession as a Mining Engineer for eighteen years.
- (3) That I have no interest, either directly or indirectly and I do not expect to receive any interest, either directly or indirectly, in the properties covered by this report, or in any securities of the company to which the properties referred to herein are being transferred.
- (4) That the accompanying report is based on personal examination of the property and also on documents and maps.
- (5) That I examined the property referred to in the accompanying report on two occasions in the year 1949.

DATED this 17th day of September,
A.D. 1949.



Sketch showing
 Location of the Mineral Claims
 held by:
PROMESTORA GOLD MINES LTD.

To accompany Report by F.C. Buckland.
 June 1958.

W. G. THOMSON

Provincial Assayer

Metallurgist

Assayer

SAMPLES SUBMITTED BY: Dr. F.C. Buckland,
1403 Royal Bank Bldg.,
Vancouver, B.C.

| SAMPLE MARKED | GOLD | | SILVER | | P |
|---------------|----------|-------|----------|-------|---|
| | OZ. TROY | VALUE | OZ. TROY | VALUE | |
| | | \$ | | \$ | |
| PR 1 | 3.40 | | 3.3 | | |
| PR 2 | 0.68 | | 1.6 | | |
| PR 3 | 0.96 | | 1.1 | | |
| PR 4 | 0.08 | | 0.4 | | |
| PR 5 | 8.83 | | 9.1 | | |
| PR 6 | 0.11 | | 0.5 | | |
| PR 7 | 0.03 | | 0.3 | | |

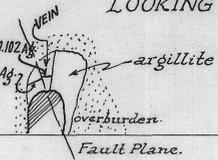
VALUATION

| | | | |
|--------|----|---------|--------------|
| GOLD | \$ | PER OZ. | CTS. PER LB. |
| SILVER | \$ | PER OZ. | CTS. PER LB. |
| | | | CTS. PER LB. |

WE HEREBY CERTIFY THAT THE ABOVE SAMPLES CONTAIN VALUES,
AS SHOWN, PER TON OF 2000 LBS.

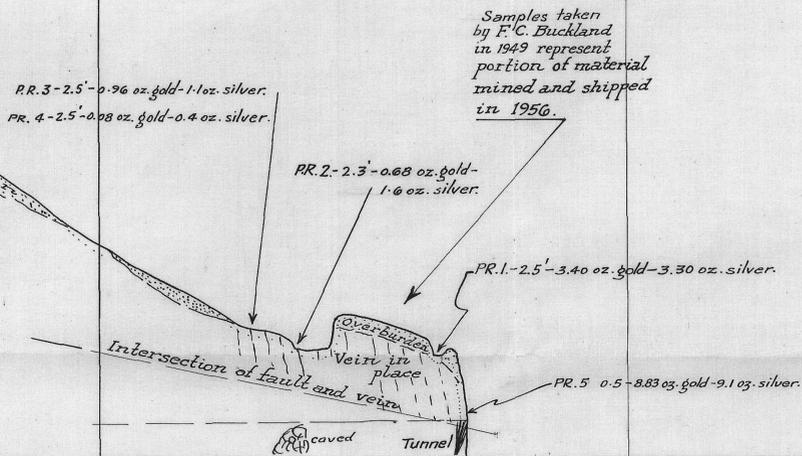
SKETCH OF TUNNEL ENTRANCE
LOOKING WEST.

6 inches PR. 5. 8.83 oz. gold - 9.102 Ag.
2.0 feet PR. 6. - 0.11 oz. gold - 0.5 oz. Ag.



Quartz Vein found on hillside - 30 rusty quartz

PROJECTION ALONG STRIKE OF
PROMISTORA VEIN



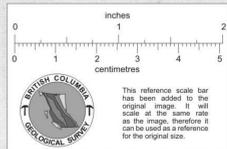
Samples taken by F.C. Buckland in 1949 represent portion of material mined and shipped in 1956.

Small Creek with Deep Overburden

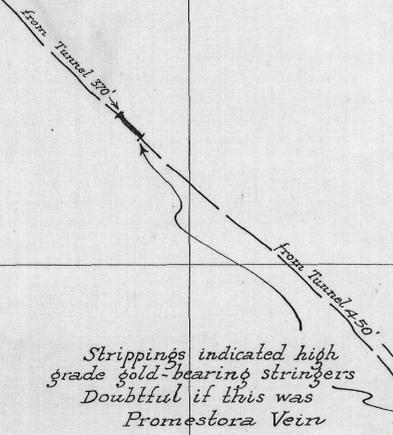
Attempted stripping by Bulldozer Results inconclusive
Approximate contour of Hillside

PROJECTION ALONG WORKINGS
ON
PROMESTORIA AND ORA GRANDA CLAIMS
ARROW LAKES AREA
BRITISH COLUMBIA....

To accompany Report by F.C. Buckland.
June 1958.



Strippings indicated high grade gold-bearing stringers
Doubtful if this was Promestora Vein



SKETCH SHOWING TRENCHES & PITS ON MOUNTAIN MEADOW VEIN PROMESTORA GOLD MINES LTD.

DRAFTED FROM NOTES SUPPLIED BY COMPANY EMPLOYEES
 SAMPLES BY COMPANY. GOLD - SILVER - LEAD.

To accompany Report by F.C. Buckland.
 JUNE, 1958.

