

off

Assessment

GEOLOGICAL REPORT
GRAY ROCK PROPERTY
TRUAX CREEK
Lillooet M.D.
British Columbia

50° 48' Latitude; 122° 42' Longitude
Owner: Gray Rock Mining Co., Ltd.
Operator: Partisan Resources Ltd.
Consultant: E. Percy Sheppard, P.Eng.
Author: E. Percy Sheppard, P.Eng.
Date: May 31, 1984

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,099

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Claim Map Scale: 1:50,000
Claim & Geology Map " 1:5000

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GEOLOGICAL REPORT

-1

GRAY ROCK PROPERTY

Truax Creek

Lillooet Mining Division

INTRODUCTION

The Gray Rock property, currently under option to Partisan Resources Ltd., comprises a group of twelve old and two recently staked claims containing silver, gold and antimony. The claims are situated at the headwaters of Truax Creek. The principal showings lie between 1928 and 2231 metres on the northeastern slopes of a sharp ridge which separates the headwaters of Fergusson Creek from those of Truax Creek.

The property is reached by 32 kilometres of rough truck road from Gold Bridge, or by helicopter from Whistler Ski Area, a 20-minute flight.

The mountainside near the showings is characterized by steep rock cliffs and long talus, and above these by ridges or moraines of large-sized rubble left by a retreating alpine glacier.

Current Owner: Gray Rock Mining Co.Ltd. (NPL)

Operator: Partisan Resources Ltd.

History: The property was acquired by Gray Rock Mining Co. in 1936 and examined by numerous engineers over a period of 14 years. In ^{Mar. 2, 31st, 1952} 1950 an agreement was made with Bralorne Mines Ltd. and a crosscut was started at 6800 ft. elevation and driven 400 feet. In 1951 an adit was driven 12 feet to intersect No.1 vein, 25 feet drifted, and 4 diamond drill holes put down. In 1952, 7.232 long tons of hand-cobbed ore were shipped. No. 2 crosscut was started at the 6500 ft. elevation. The No. 1 vein was intersected at 994 feet from the portal and the adit was continued for an additional 202 feet. Total length of 576 feet of drift was driven on the vein.

cont...

In 1953 241 feet of drift was driven by Bralorne on the No. 1 vein in No. 2 adit. Two raises, 40' and 37' long, were driven on the vein above this level. 959 ft. of exploratory drilling was completed on the No. 2 adit before work was suspended.

A detailed account of the property's history is included in the writer's Geological Report dated August 16, 1983.

Geology: The showings are quartz veins in metamorphosed sediments in an embayment of the Bendor batholith. The batholithic rock is uniformly medium-grained granodiorite consisting of 60% plagioclase, 17% quartz, 15% biotite partly altered to chlorite, and 7% hornblende.

The metasediments are mainly dark grey to greenish grey greywackes consisting of varying proportions of hornblende, biotite, chlorite, quartz and plagioclase feldspar of intermediate composition. Some thick layers contain fragments which have been squeezed and silicified. Conglomerate occurs containing white to bluish chert fragments, limestone pebbles and boulders, and calcite fragments.

No. 1 vein material consists mainly of lenticular masses of quartz containing some stibnite, tetrahedrite, galena and a little sphalerite. Stibnite is present in the quartz but is most abundant in lenticular bands a few inches to a foot or more wide on either wall of the vein. The underground work shows that No. 1 vein structure persists downdip for 189 metres. In this vertical distance there is no change in mineralogy. In the horizontal distance opened up by No. 2 level, the vein was seen to be lenticular. It is felt that the true picture of the vein in strike and downdip is lenses of quartz occurring in a through-going sheared zone.

Work Done: Five geophysical surveys were carried out by Falconbridge Nickel Mines in 1976. All surveys coincided on the location of conductors of anomalous values away from the presently known veins.

The property was first visited by the writer in 1966 and a report was prepared which gave a description of the veins and a map of adits 1 & 2, and sampling was checked.

In July and August 1983, the property was re-visited. Location of anomalies was checked, new claims were staked, and surface mapping carried out looking for further extensions of the veins. The writer was accompanied by Harvey W. Brown, Prospector. A description of his work and qualifications are included in this report.

Geological Mapping: The type of terrain made it impossible to run regular traverses. From the bottom of the valley floor up to approximately 213 metres is talus and above that is moraine of large-size rubble left by a retreating alpine glacier, thus the outcrops were only observed in widely spaced locations. The cliffs could be scaled in certain places and with great difficulty. Dips and strikes of rock outcrops projected downward approximately 600 m are not dependable for structural purposes.

The outcrops encountered were metasediments, granodiorite, greywackes, minor conglomerates all heavily sheared, faulted, intruded by granodiorite. Pyrite mineralization was noted in numerous places on scarps and in huge boulders.

Sampling: Samples were taken from the following locations:

TRUE AXE 1 - From the NW corner of Robin 1, assayed for copper, lead, zinc, stibnite - not returned, silver and gold. These assays have not been noted on the Geological Map; location has been plotted and the results are on the attached Certificate of Assay.

TRUE AXE 2 - From NW part of Roy 1. Assayed as above.

TRUE AXE 3 - From NE part of Robin 4. Assayed as above.

TRUE AXE 4 - From east part of Robin 3.

This sample gave lowest amount of metallics.

The silver and gold assays are good; up to 12.46 oz/ton silver, and 0.018 oz/ton gold. These areas are worthy of further work. The areas near the sampling have been covered by geophysical work and it would be of interest to drill the anomalies located.

CONCLUSIONS

The work carried out during the 1983 season showed that there were no exposed veins in the Roy and Robin claims other than those already known. Mineralization was found in four locations on the property, mainly gold and silver.

The type of prospecting carried out during this season proved to be of more value than attempting to lay out regular traverses in that difficult terrain.

From the results obtained by previous work, it appears that the #1 Vein is a strong persistent structure which extends beyond present workings on both levels and downdip from surface for approximately 220 metres. It

CONCLUSIONS - cont.

consists mainly of lenticular masses of quartz, with some stibnite, tetrahedrite, galena and a little sphalerite.

The EM and Magnetometer surveys carried out by Falconbridge also indicated areas worthy of further attention.

It is felt that this property has merit and warrants further exploration especially in the southern part of the newly staked ground.

E. P. Sheppard
E. Percy Sheppard, P.Eng.
Consulting Geologist

E.P. Sheppard

May 31, 1984

C E R T I F I C A T E

I, E. PERCY SHEPPARD, of the City of Vancouver, in the Province of British Columbia, hereby certify THAT:

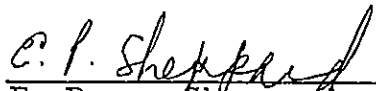
I am a Consulting Geologist, at #1606-M, 1600 Beach Avenue, Vancouver, B.C., V6G 1Y7;

I am a graduate of Dalhousie University, with a B.Sc. in Geology, and have been active in mining exploration and geophysics for over forty years; The accompanying report is compiled from data collected by the writer during visits to the property in 1966 and 1983, and a study of pertinent Government and Company reports;

I have no direct or indirect interest in the property covered by this report, nor in the securities of Gray Rock Mining Co. Ltd. or Partisan Resources Ltd., and do not expect to receive any such interest as a result of writing this Assessment Report;

I am a member of the Professional Engineers Association of British Columbia, the American Institute of Mining Engineers, and a Fellow in the Geological Association of Canada.

DATED AT CAMPBELL RIVER, B.C., this 31st DAY OF MAY, 1984


E. Percy Sheppard, P.Eng.



RE: PROSPECTING

Gray Rock Claims
Lillooet M.D.

July 31, 1983

Location: 50° 48'N, 122° 42'W

Ten days were spent on the property, at an old diamond drill campsite. A thorough search was made for LCP's and CM 2 and Robin 1 were located.

Truax Creek was followed to its source.

Prospecting and sampling were confined to areas above and below talus in creek banks and accessible areas of the hazardous alpine terrain.

Pyrite was observed in country host rock and granodiorite. Metallics were encountered between #1 and #2 portals.

Some veins were sampled at the cliffs at the north edge of Robin 1 and a 4" vein on Roy 1. Grab samples were taken from Robin 2 and 4. On Robin 1 samples were taken directly from 2" wide veins. Assay results are shown on accompanying Assay Certificate. Fig. 2.

Signed: Harvey Wilson Brown
Prospector

May 31, 1984

To accompany Geological Report on Gray Rock
Mines by E.P. Sheppard, P.Eng.

RE: Harvey W. Brown, Prospector

QUALIFICATIONS

I have been active in the mining industry, employed in open pit drilling and blasting for 4 years; underground surveying at Benson Lake and Texada Iron Mines for 3 years. Prospecting on Vancouver Island, staking claims and doing assessment work for large and small companies.

Graduate of Notre Dame College, Wilcox, Saskatchewan, 1963. Sen. matric.

Graduate of the Advanced Prospectors course presented by B.C. Ministry of Energy, Mines & Petroleum Resources and Malaspina College, in April 1983.

Signed: Harvey Wilson Brown

To be included in Geological Report on Gray Rock Mines by E.P. Sheppard, P.Eng. May 31, 1984.

MALASPINA COLLEGE

Statement of Course Completion

HARVEY WILSON BROWN

has

Successfully Completed 180 Hours of Instruction
in

MINERAL EXPLORATION FOR PROSPECTORS

PRESENTED BY B.C. MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
B.C. MINISTRY OF EDUCATION

APRIL 16 to 30, 1983 - MESACHIE LAKE, B.C.

MAY 2, 1983

Dated at Nanaimo,
British Columbia, Canada



Malaspina
College

A handwritten signature in black ink, appearing to read "Richard MacIsaac".

Director / Dean

A handwritten signature in black ink, appearing to read "J. [unclear]".

Registrar

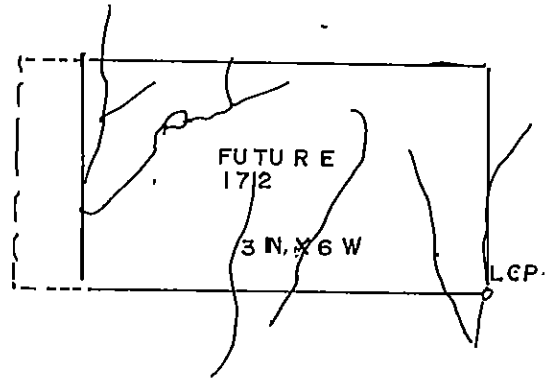
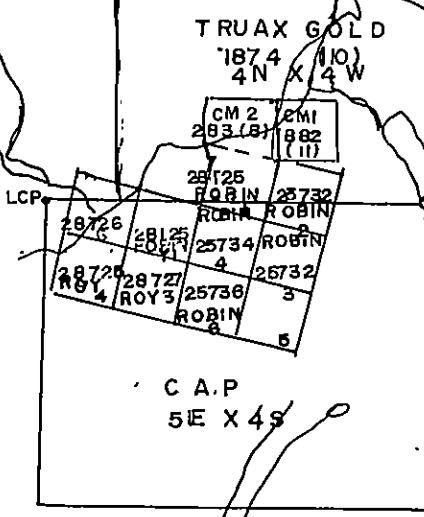
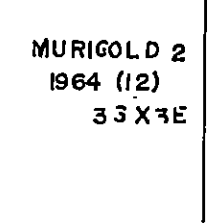
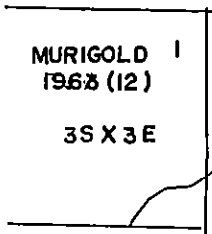
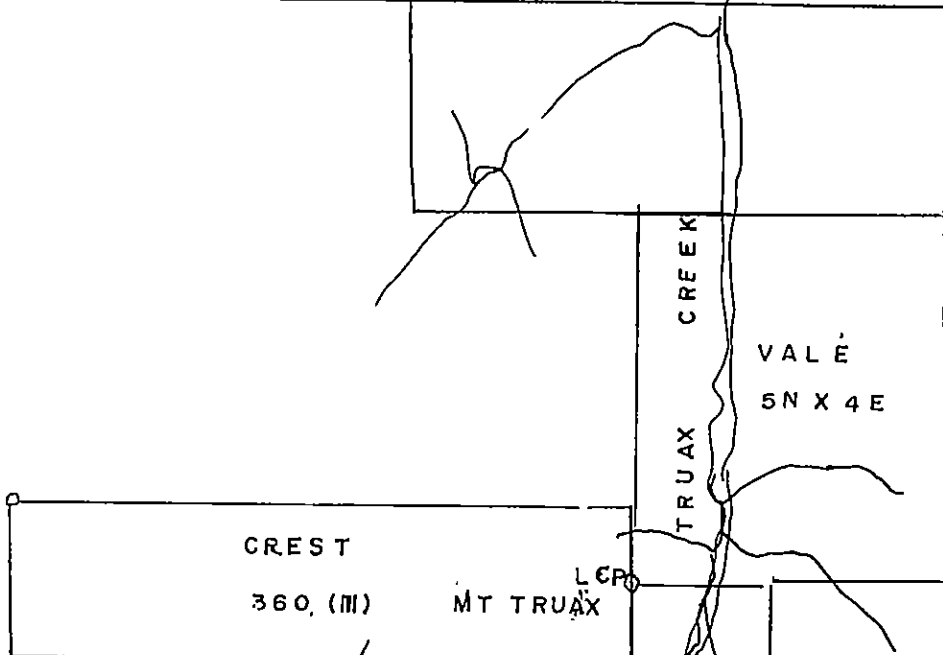
A handwritten signature in black ink, appearing to read "Harvey Wilson Brown".

Instructor

WORK COSTS

Field work, 11 days	\$4,300
Supplies	780
Assays	504
Professional services, reports	<u>1,000</u>
	\$6,584

Transportation charges
not included.



BOBB LAKE

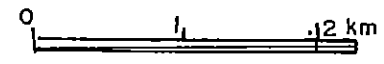
PARTISAN RESOURCES LTD
GRAYROCK PROPERTY

CLAIM MAP

TRUAX CREEK

LILLOOET M.D, N.T.S M92 J/15E

SCALE 1: 50, 000



OCT '83



**PROPERTY
LOCATION**

PARTISAN RESOURCES LTD

**GRAY ROCK PROPERTY
LOCATION MAP**

**TRJAX CREEK
LILLOEET M.D NTS M92J/15E**

SCALE

Km. 100 50 0 100 200 300 400 Km

Miles 100 50 0 100 200 Miles



Fig. 1-

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

TELEPHONE: (604) 984-0221
TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : SHEPPARD, MR. E. PERCY, P.ENG.,
CONSULTING GEOLOGIST
4140 DISCOVERY ROAD
CAMPBELL RIVER, B.C.
V9W 4X7

*** CERT. # : A8313556-001-A
INVOICE # : I8313556
DATE : 15-AUG-83
P.C. # : NONE
ELDEN 1286

Parameter Description	Sample # 1	Sample # 2	Sample # 3	Sample # 4
Sample preparation code	214	214	214	214
Aluminium (pct)	0.2	0.5	1	2
Antimony (ppm)	>5000	2000	>5000	1500
Arsenic (ppm)	1500	2000	500	700
Barium (ppm)	<10	10	50	100
Beryllium (ppm)	<2	<2	<2	<2
Bismuth (ppm)	<5	<5	<5	<5
Boron (ppm)	<20	20	150	150
Cadmium (ppm)	1000	1000	50	70
Calcium (pct)	0.05	0.05	2	3
Chromium (ppm)	10	20	300	200
Cobalt (ppm)	<20	<20	<20	<20
Copper (ppm)	3000	2000	300	200
Germanium (ppm)	<10	<10	<10	<10
Iron (pct)	10	15	1	2
Lead (ppm)	>5000	>5000	2000	1000
Magnesium (pct)	0.05	0.2	0.5	2
Manganese (ppm)	500	200	700	2000
Molybdenum (ppm)	<100	<100	<100	500
Nickel (ppm)	50	20	100	100
Niobium (ppm)	<200	<200	<200	<200
Potassium (pct)	<0.5	<0.5	0.5	1
Silicon (pct)	30	30	30	30
Silver (ppm)	100	100	10	3
Sodium (pct)	--	--	<0.05	<0.05
Thorium (ppm)	<500	<500	<500	<500
Tin (ppm)	<10	<10	<10	<10
Titanium (ppm)	200	700	2000	5000
Vanadium (ppm)	<100	100	100	150
Zinc (ppm)	>5000	>5000	500	700
Zirconium (ppm)	<50	<50	50	150

SEMIQUANTITATIVE SPECTROGRAPH ANALYSIS

Sample description information

Sample # 1	TRUE AXE 1
Sample # 2	TRUE AXE 2
Sample # 3	TRUE AXE 3
Sample # 4	TRUE AXE 4

Preparation code description

214 Bag pulp

*** UNABLE TO DETERMINE SODIUM CONTENT DUE TO STRONG SPECTRAL INTERFERENCE BY ZINC.



Certified by *AP Sheper*



Fig 2

CHEMEX LABS LTD.

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NORTH VANCOUVER, B.C.
CANADA V7J 2C1

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

TELEPHONE (604) 984-0221
TELEX 043-52597

CERTIFICATE OF ASSAY

TO : SHEPPARD, MR. E. PERCY, P.ENG.,
CONSULTING GEOLOGIST
4140 DISCOVERY ROAD
CAMPBELL RIVER, B.C.
V9W 4X7

** CERT. # : A8313555-001-A
INV. # : I8313555
DATE : 26-AUG-83
P.O. # : NONE
ELDEN 1286

Sample description	Prep code	Cu %	Pb %	Zn %	Sb NAA %	Ag FA oz/T	Au FA oz/T
TRUE AXE 1	207	0.35	7.38	2.40	2.770	12.40	0.016
TRUE AXE 2	207	0.41	4.68	1.44	0.368	12.46	0.018
TRUE AXE 3	207	0.02	0.12	0.03	4.310	1.06	<0.003
TRUE AXE 4	207	0.01	0.06	0.05	0.116	0.20	0.003

.....
Registered Assayer, Province of British Columbia



MEMBER
CANADIAN TESTING
ASSOCIATION

LEGEND

- Talus
- Metaseds greywacke, tuff, minor conglomerate
- Granodiorite
- Granodiorite dike
- Dip & Strike
- DDHOLE



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,099

PARTISAN RESOURCES LTD
GRAYROCK PROPERTY
CLAIM & GEOLOGY MAP

TRUAX CREEK
LILLOOET M-D, N-T-S-M92J/15E
SCALE: 1:5000



SCALE: 1" = 400'

MAY 30 '84

