

5400

REPORT #5400

on the

STAR OF THE WEST CLAIM GROUP

ALBERNI MINING DIVISION

VANCOUVER ISLAND, B.C.

92F/2E & 2W

STAR OF THE WEST, COR 5-17

Latitude 49°05'N

Longitude 124°45'W

N.T.S. 92F - 2

92F/2E & 2W

CLAIMS

Star of the West
COR 1 - 18

RECORD NUMBER

20424
20469 - 20486

EXPIRY DATE

February 8, 1976
February 18, 1976

for

FOCUS RESOURCES LTD.

by:

George B. Phelps, P.Eng.,

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 5400 MAP

March, 1975

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INTRODUCTION

This report is written at the request of Mr. Hans Dietmann, President of Focus Resources Ltd. The writer made a preliminary examination of the property and some of the old workings.

Four field days were spent on the property examination.

CONCLUSION

This property lies in an old gold mining area and has been reported to have significant gold values.

There has been no recent work because gold properties were not economically attractive, before the recent high price of gold.

The many advances in geological techniques and mining methods since the early exploration, plus the present high gold price justify a preliminary exploration program on this property.

The previously reported 0.5 to 1 ounce gold values would now be economic and the property is in an easily accessible area where exploration costs can be kept to a minimum.

RECOMMENDATIONS

Phase I

- A. Complete a geological map of the claim area at a scale of 1" = 400'. Locate any additional veins or old workings. Enlargements of existing topographic maps can be used for a base map. A base line and co-ordinate grid at 800 foot intervals should be established for mapping control in the thickly forested areas.
- B. Examine, map and sample the old workings which are accessible. A small gasoline engine powered pump will be necessary to pump the water out of the adits which have been filled with water.
- C. Map and sample the old trenches. Trench with a cobra drill any vein extensions or new veins which are located. Map and sample them.

Phase II

Phase II is contingent upon the location of a vein or veins with economic gold values during Phase I.

Diamond drilling, wire line AQ, to test the veins on strike and at depth. A minimum of 1,000 feet of drilling would be necessary to evaluate a promising vein. It is not feasible to use a bulldozer in this area to build a drill site so it will be necessary to move the drill in by hand or winch power. This increases the drilling cost and in part offsets the generally reduced exploration costs in this area.

ESTIMATED COSTS

Phase I

Personnel

Geologist	- 10 days @ \$175.00/day....	\$ 1,750.00
Senior Technician	- 10 days @ \$125.00/day....	1,250.00
Technician	- 10 days @ \$ 80.00/day....	800.00
Cobra Operator	- 4 days @ \$125.00/day....	500.00....\$ 4,300.00

Transportation

4 wheel drive truck 10 days @ \$ 20.00/day	
& 15¢/mile and ferry costs.....	325.00

Food and Accommodation

Meals and motel lodging	
34 man days @ \$18.00/day.....	612.00

Equipment

Surveying equipment, sampling equipment	
pumping equipment rental, cobra drill &	
steel rental, miscellaneous.....	675.00

Assaying

Estimated 100 rock samples assayed for gold only	
@ \$3.50/sample.....	350.00

<u>Data Compilation, Maps and Report</u>	1,200.00
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<u>Contingencies</u> - 20%.....	1,492.40
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ESTIMATED COST PHASE I.....	\$ 8,954.40
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Phase II

- Geologist - Supervisor - 14 days @ \$175.00/day.....	\$ 2,450.00
- Diamond Drilling 1,000 feet wireline AQ or BQ	
all inclusive costs, mobilization and demobilization	
drill site preparation @ \$15.00/foot.....	15,000.00
- Contingencies @ 20%.....	3,490.00

ESTIMATED COST PHASE II.....	\$20,940.00
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TOTAL ESTIMATED COST PHASE I & II

\$ 29,894.40

GEOGRAPHY

Location

The Focus Resources Ltd. Star of the West property is eleven miles south of Port Alberni, Vancouver Island. The property is in the Alberni Mining Division and lies just east and south of the confluence of the Franklin River and Corrigan Creek.

Co-ordinates are $49^{\circ}05''$ North latitude and $124^{\circ}45''$ West longitude.

Access

Access to the claim area is by a good all weather gravel logging road from Port Alberni. An old spur railway line provides easy access to the western claims from the logging road. The eastern claims are on a steep slope and are accessible by old trails and a logging road which runs along the top of the ridge close to the eastern claim boundary.

Topography

The claims lie on the steep west slope of a long ridge just east of Corrigan Creek. The topography grades from gently sloping on the western edge to steep with cliffs and bluffs on the eastern side. However, the access is not particularly difficult since the bluffs and cliffs are irregular and broken.

Elevations range from 500 feet on the west to 2,200 feet on the eastern border.

ALBERNI INLET

Road to Port Alberni

FRANKLIN RIVER

Franklin River

Star of the West

Hiwatches Min.
2184'

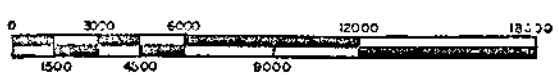
EBN LAND

GRANT



LEGEND

- Biotite-granodiorite
- Karmutsen volcanics
- Fault



Scale in Feet

**5400
MAP 1**

FOCUS RESOURCES LTD.

ALBERNI CANAL AREA

COR MINERAL CLAIMS

Alberni M.D.

N.T.S. 92F

SCALE

DRAWN p. h.

DATE Feb. 1974

NUMBER 403 -

Location Map
and
General Geology

Vegetation

The claim area is densely wooded; however, the underbrush is not very thick except along stream bottoms. The stands of timber are second growth West Coast hemlock, balsam and Douglas fir. There are numerous rock exposures as small knobs or bench faces.

Climate

The weather is generally mild with the snow cover gone by the end of February. Precipitation is heavy throughout the area.

Water

There are numerous streams on the property which drain into Franklin River to the north and Corrigan Creek to the west. Sufficient water is available for any drilling requirements.

CLAIMS

Focus Resources Ltd. own full title to 18 contiguous mineral claims and has an option on a reverted crown grant in the Corrigan Creek area of the Alberni Mining Division, Vancouver Island, B.C.

These claims are:

<u>Claims</u>	<u>Record Number</u>	<u>Expiry Date</u>
COR 1 - 18	20469 - 20486	February 18, 1976
Star of the West	20424	February 8, 1976

HISTORY

The Star of the West mineral claim was located on Granite Creek (now Corrigan Creek) in 1894 by Mr. McCoy, Mr. Poole and others. Other claims were located adjacent to the Star of the West and in the immediate area.

It was reported by the B. C. Minister of Mines Annual Report that several veins of blue quartz were exposed on the Star of the West Group which averaged \$25.00 per ton mill test (gold at \$20.67 per troy ounce).

The 1895 B. C. Minister of Mines Report described the Star of the West mineral claim as located on McCoy Creek, a small tributary of Granite Creek (Corrigan Creek). The vein is quartz with pyrite and considerable calcite. It is about 5 feet wide where exposed and can be traced for a short distance along the creek. The vein strikes N50°E. The country rock is described as syenite. A one ton test shipment to the Tacoma smelter gave a return of \$10.00 in gold (gold at \$20.67 per troy ounce).

The Islander claim adjoining the Star of the West also had an exposure of sulfide ore on McCoy Creek.

The Star of the West Crown Grant was issued March 19, 1897, to Mr. M. A. Ward and Mr. F. N. Stirling.

The 1896 B. C. Minister of Mines Report states that a tunnel was being driven on the Star of the West claim N45°E and was then about

50 feet long. There was a well-defined fault wall as the hanging wall which dipped -60° southeast. The "blue quartz" vein material was tested and found to be carbonate. Quartz and pyrite were also present.

Additional work has been done in the area over the succeeding years although it is not mentioned in the Annual Reports.

Trenching and additional underground exploration was completed on adjacent claims in the 1930's.

GEOLOGY

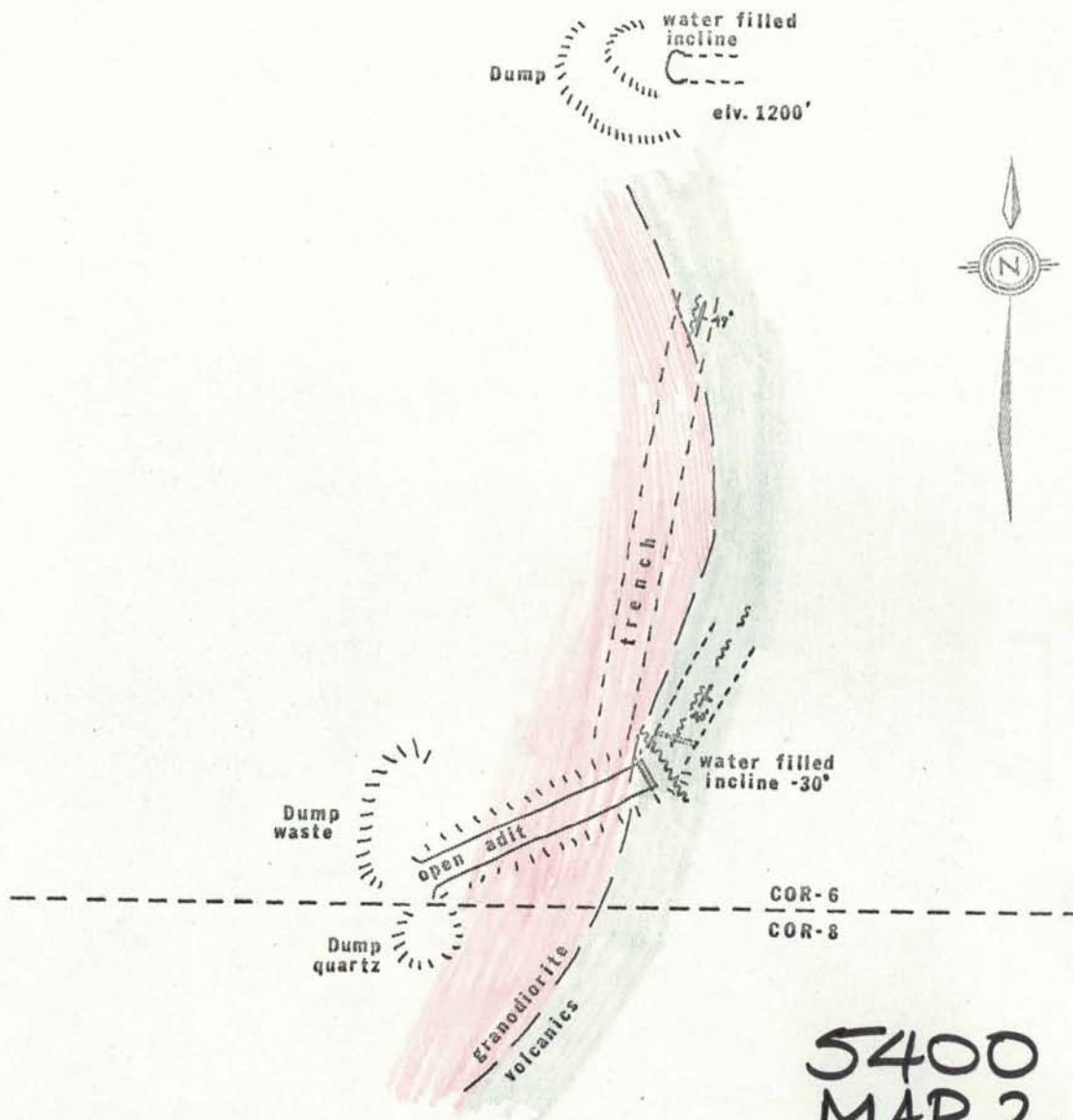
The Star of the West claim group lies on the west side of the E & N Land Grant boundary and is crossed by the contact between the Karmutsen Volcanics and Island Intrusion.

Jurassic island intrusion, a biotite granodiorite, is on the west and the Triassic Karmutsen Formation Volcanics are on the east as shown in the general geology map. The medium to coarse grained biotite granodiorite has intruded the Karmutsen volcanics in the claim area.

Numerous gold bearing quartz veins occur within the Alberni area. Some of these mineralized veins appear to be localized near the contact zone on the claim group and vary in width from 4 feet to small stringers. The contact passes through the center of the claim group with a north-westerly strike.

Trenches and ^{adits}adits have been completed on some of these quartz veins and shears. The general strike of the veins is north 30° to 45° east and the dip is 45° to 60° south.

The lower adit on Cor #6 was driven at a -30° incline on a shear zone with quartz veining. It is water filled and is not accessible but does not appear to have caved. A separate dump of nearly pure quartz indicates that the vein material has been hand sorted and hand cobbled. Sampling the quartz dump material gave no high gold assays, possibly because it appears to have been hand sorted but minor chalcopyrite can be found in some fragments.



5400
MAP 2

Department of
Mines and Technical Resources

ALB

NO. 5400 2

FOCUS RESOURCES LTD.	
ALBERNI GOLD PROPERTY	
Scale: 1" = 40'	OLD WORKINGS
Drawn: G.B.P.	
Date: March, 1974	

The upper adit is completely water filled and is inaccessible.

The upper dump shows no significant quartz veining.

An incline (estimated -35°) was driven on a small shear.

A trench was made on a shear structure between the two adits.

A 1.0 foot quartz vein with visible chalcopyrite is visible at the head of the trench.

A small prospect adit just east of the old railway spur on Cor #14 has exposed a 3 foot vein structure this vein cannot be traced along strike due to the covered ground. The vein strikes north 35° east where it is exposed in the cut.

The old workings on the southwest side of the Star of the West are not accessible as one adit has caved and the main adit is in very shakey condition. All the timber has rotted but it is still possible to see the structure. The old dump is heavily overgrown. The location of the adits indicate that the Star of the West may be slightly misplotted on the maps.

These adits are in the Karmutsen Volcanics on the west side on the westerly contact which crosses the southern end of the claim group.

Trenches

A number of old trenches were cleaned out as they were completely sloughed in and 3 new trenches were blasted in the volcanics, covering areas of limonite staining or known areas of pyrite mineralization. In all instances of new trenching the pyrite was confined to narrow stringers 1/8 to 1/4 inches in width. Additional work is required to evaluate the mineralization and sampling of the mineralized zones is necessary.

Respectfully submitted,



George B. Phelps, P. Eng.

ATLED EXPLORATION MANAGEMENT LTD.

REFERENCES

B. C. Minister of Mines Annual Report 1895 Page 647

B. C. Minister of Mines Annual Report 1896 Page 5

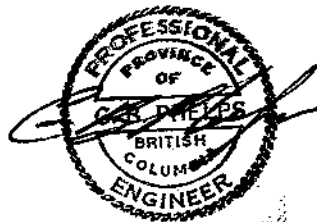
B. C. Minister of Mines Annual Report 1897 Page 569

Alberni 92F (G.S.C. paper 68-50).

ENGINEER'S CERTIFICATE

I, GEORGE B. PHELPS, of #1801 - 1155 Beach Avenue, in the City of Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:-

1. That I am a consulting geological engineer with a business address of 420-475 Howe Street, Vancouver, British Columbia.
2. That I am a graduate of the Montana College of Mineral Science and Technology where I obtained my B.Sc., in geological engineering in 1966 and my M.Sc., in geological engineering in 1969.
3. That I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers in the Province of British Columbia.
4. That I have practiced my profession as a geological engineer for the past nine years, and
5. That I have no interest, direct or indirect, in the property with which this report is concerned, nor do I expect to receive any such interest. I have no interest in the securities of Focus Resources Ltd.



George B. Phelps, M.Sc., P.Eng.

DATED at the City of Vancouver, Province of British Columbia, this
3rd day of March, 1975.

