

DRILLING

ASSESSMENT REPORT OF PHANTOM CLAIMS GROUP
FOR MINISTRY OF MINES AND PETROLEUM RESOURCES
VANCOUVER MINING DISTRICT
M 92~~0~~14W LAT. 49° 51.5', LONG 123° 29.5'
G CLAIM OWNER - SID C. JOHNSON
OPERATOR - PHANTOM GROUP
CONSULTANT - ROBIN WOLFE, P. Eng.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,171

May /83

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1.0 INTRODUCTION

The Phantom Mineral Claims Group is located by Phantom Lake (Lat. $49^{\circ} 51.5'$, Long. $123^{\circ} 29.5'$) which is 30.4 km northwest of Squamish, B.C. Access to the claims is by helicopter or float plane. Index Maps (1.1 and 1.2)

The claims cover nine units. The claims are currently owned by Sid C. Johnson and operated by the Phantom Group. No previous work or history record is available for the property.

The assay report shows the presence of Au and indicate further work is required to determine the potential amount and extent of mineralization.

Work done on the Phantom Claims Group consisted of prospecting the area of the claims as well as the eastern shore of Phantom Lake and the creeks that drain into the claims from the northwest and northeast. This preliminary prospecting was followed by a drill program. The drill sites were chosen by Sid C. Johnson. Two Ax diamond drill holes of ^{44.7} ~~45.7~~ m total were drilled, logged and sampled. The results are reported in the following section. The drill holes are located on Phantom 2 of the Phantom Claims group. No geochemical, geophysical, geological or topographic surveys were done.

2.0 DETAILED TECHNICAL DATA AND INTERPRETATION

2.1 The purpose of the drill program was to establish the presence of mineralization before further work was undertaken.

2.2 Assay results show Au values ranging from 0.011 to 0.018. The host rock to mineralization is altered andesite. Small quartz filled fractures are also present. Intensive chloritization is present. Pyrite is found in small fractures and is oxidized.

2.3 A surface plan showing the location of the drill collar in relation to the claim unit boundaries and surface features is included. (Fig. 2.4)

2.5 The diamond drill holes were ~~A~~^X with a core diameter of 32 mm. Hole #1 has an inclination of -87.5° towards 214° . Hole #2, at the same site was vertical, (-90° inclination). The collar elevation is 1035 m above sea level.

2.6 The core recovered from drill holes #1 and #2 was logged by Robin Wolfe, P. Eng. Total depth of hole #1 is 22.2 m and total depth of hole #2 is 22.5 m. The logs are included in this report. (Fig. 2.7 and 2.8)

2.9 The location of the core is:
24745 - 102nd Avenue, Whonnock, B.C. VOM 1S0

3.0 Drill core samples were assayed by Min-En Laboratories in North Vancouver. Samples are from hole #2.

Sample # 4012 from 15.5 m to 17.1 m 0.011 Au oz/ton

4013 from 21.0 m to 22.5 m 0.018 Au oz/ton

Copies of the assay report are included. (Fig. 3.1 and 3.2)

ITEMIZED COST STATEMENT
"Phantom Claim Group"

1. Days, rates, dates and wages paid.

<u>Names</u>	Ed Herman	Fred Legath	Sid Johnson	Dave Lowen
<u>Dates</u>				
Sept. 14	1 day	1 day	1 day	1 day
15	1 day	1 day	1 day	1 day
<u>Total # days</u>	2 days	2 days	2 days	2 days
	\$200.00	\$200.00	\$200.00	\$200.00
<u>Rate</u>	\$100.00 a day each person			
<u>Object and Result</u>	to Clear drilling site and building of helicopter pad. - accomplished.			

<u>Dates</u>				
Oct. 9		1 day	1 day	1 day
10		1 "	1	1
11		1	1	1
12		1	1	1
13	1 day	1	1	1
14	1	1	1	1
18	1	1	1	
19	1	1	1	
20	1	1	1	
21	1	1	1	
22	1	1	1	
23	1	1	1	
24	1	1	1	
25	1	1	1	
26	1	1	1	
27	1	1	1	
28	1	1	1	
29	1	1	1	
<u>Total # days</u>	14 days	18 days	18 days	6 days
	\$1400.00	\$1800.00	\$1800.00	\$600.00
<u>Rate</u>	100 dollars a day			
<u>Object</u>	To Drill assay samples.			

The amounts above were not taken in dollar value but were issued to each of named individuals as shares in the group.

Sid C. Johnson

-2-

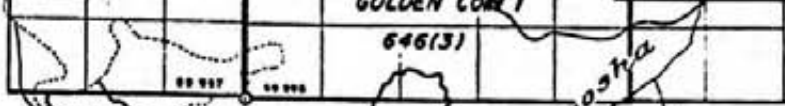
2.	<u>Food costs</u>		
	Oct. 8	Food	258.90
	Oct. 8	Food	67.30
	Oct 13	Food	45.50
	Oct 18	Food	38.03
	Oct. 17	Food	11.16
	Sept. 14	Food	19.74
	"	Food	11.16
	"	Food	<u>9.20</u>
	Total Food Costs		<u>461.04</u>
3.	<u>Transportation</u>		
	Oct. 7	Gas trucks etc.	98.00
	Sept. 17	Gas "	40.00
	Oct. 7	Gas "	178.72
	Sept. 14	Squamish Air (plane)	140.00
	Sept. 15	"	140.00
	Oct 13	Squamish Air 1 hr.	180.00
	Oct. 9	Helicopter 3.3 hrs	
	15	.6 hrs	
	18 & 23	1.6 hrs.	
	29	2.1 hrs.	4,184.00
		Lic. & Ins. truck (3 mos.)	<u>216.00</u>
			<u>5,176.72</u>
4.	<u>Instrument rental</u>		
	Oct.	Pump (1 month)	<u>200.00</u>
5.	2 Assays		<u>34.50</u>
6.	statement preparation		50.00
	Geologist report		<u>50.00</u>
7.	<u>Operating Costs</u>		
	Sept. 3	Lordco Oil, grease for machinery	94.10
	Oct. 5	Spark plugs, container, lag bolts	45.36
	Oct. 5	plastic hose	77.03
	Sept. 3	Diamond bits - rearing shell	<u>1,464.87</u>
			<u>1,681.41</u>

L. C. Johnson

Summary of Costs
Phantom Claim Group

Wages (redeemed as shares)	\$6,400.00
Food costs	461.04
Transportation - truck, plane and helicopter	5,176.72
Instrument rent - pump	200.00
2 assays	34.50
preparation of statement and geologist report	100.00
Operating costs	<u>1,681.41</u>
Total Cost	<u>\$ 14,053.67</u>

Art C. Johnson



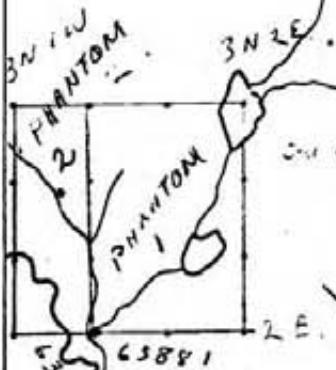
MT. JIMMY JIMMY

Clowhorn R.

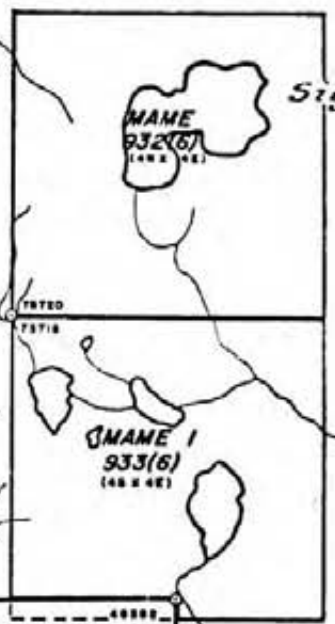
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TO WEST SEE MAP 92 G/13E

June 22 9 AM
June 23 4 PM
June 21/82

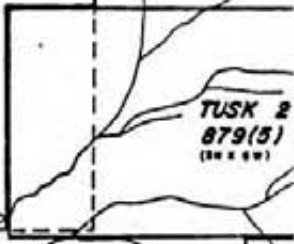


M92G140



Phantom L.

GOLD 909(5) (48 X 48)



Clowhorn

3

INDEX MAP 1E

River

PHANTOM MTN.

2

Sigurd

S E C H

F O R

PHANTOM 1
PHANTOM 2

Phantom Mountain

Phantom Lake

Chouhant River

Aschfield

Madura

7237

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PROPERTY - PHANTOM GROUP

Diamond Drill Record



Cochrane Consultants Limited

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DIP TEST		
Footage	Angle	
	Reading	Corrected
	-87½°	

HOLE No. 1 Sheet No. 1 Lat.
 Section. Dep.
 Date Begun OCT 19 1982 Bearing 214°
 Date Finished OCT 25 1982 Elev. Collar.

Total Depth 74'
 Logged By R. WOLFE PENG
 Claim
 Core Size AX

DEPTH	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH of SAMPLE
0 - 15	OVERBURDEN				
15 - 74	ALTERED ANDESITE CORE RECOVERY 90%+ INTENSIVE CHLORITIZATION OXIDIZATION OF PYRITIZED FRACTURES TO 74' FOLIATION AT 30° TO CORE				
39'	OCCASIONAL SMALL QZ FILLED FRACTURES AT 15° TO CORE				
41	SMALL FAULT FRACTURE AT 45° TO CORE				
42	" QZ FILLED " AT 20° MINOR PYRITE				
47	" " " AT 80°				



PROPERTY PHANTOM

Diamond Drill Record



Cochrane Consultants Limited

DIP TEST		
Footage	Angle	
	Reading	Corrected
	-90°	

SAME LOCATION AS HOLE #1

HOLE No. 2 Sheet No. Lat.
 Section. Dep.
 Date Begun OCT 23 82 Bearing.
 Date Finished OCT 25 82 Elev. Collar.

Total Depth 75'
 Logged By R. WOLFE PENG
 Claim
 Core Size AX

DEPTH	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH of SAMPLE
0-15	OVERBURDEN SAME AS HOLE #1				
18-38	BLOCKY				
53'	SILICIFIED FR. 10° TO CORE MINOR PYRITE 0.8 CM LARGE BITING X-TALS				
52-57		4012	52	57	5'
70-75'	70-71.5 QTZ FILLED FR .5 CM - MINOR PYRITE	4013	70	75	5'
	AT 75' LOST CORE 1.5'				

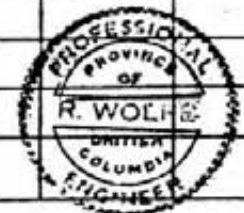


Figure 2.8



PHANTOM 2

PHANTOM 1

DRILL HOLES #1+2
APPR. 7 METRES FROM
CLOWHORN RIVER
#1 HOLE - 87 1/2° 214° BEARING 22.2 M DEPTH
#2 HOLE - 90° 22.5 M DEPTH

X ← DRILL HOLES

CLOWHORN RIVER

CREEK

CREEK

LAKE

LAKE

GEOLOGICAL BRANCH
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PHANTOM LAKE

VANCOUVER MINING DISTRICT
N 92° 14' W LAT. 49° 51.5'
LONG 123° 29.5'

← LEGAL POST

SCALE 1:5000

0 100 M