

926-6

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812480

1206-File

BWS

SAS

December 31, 1951

To: Blair W. Stewart

(For record only - does
(not appear to be attrac-
(tive. S.A.S.)

From: S. A. Spellmeyer

Re: Opporgol Mine, near White Cliff,
Howe Sound, B. C., Canada

(Report by W. Thos. Newman, Mining Geologist)

This property is down the Sound possibly 10 miles south of Britania Beach - crossed by the P.G.E. Ry. and B. C. Electric power lines. It is only a few miles from West Vancouver, covers Table Mountain near Lion's Gate.

Geology: Upper Triassic sediments and Mesozoic volcanics of same formation as Britania Beach running from (deep) water's edge up to about 1500'. There is a conglomerate whose age has not been specified. The sediments are metamorphosed and schistose. Some dioritic intrusions. The Mesozoic igneous rocks are designated as acidic, quartz monzonites, granodiorites, etc. There are 9 known shear zones cutting the formations in a N40+E direction dipping south mostly at 80° but at least one dips north 80°.

Property: 8 claims - 2 fractions
Outcrops of ore - none. No mineralized float found.

Workings: Discovered in a crosscut tunnel up One Tree Creek about 2500' from the Sound at an elevation of 900' - cut several narrow bands of copper bearing rock which ran in 3 samples:

<u>Au.</u>	<u>Ag.</u>	<u>Cu.</u>	<u>Pb.</u>
.02	.98	.63	1.36
.03	4.25	13.05	9.10
.01	1.76	6.06	0.82

450' west a drift on one of the same shears ran

.01	10.12	3.67	4.10
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Next discovery was on what is designated as #3 Zone - tunnel driven on shear near water's edge - 5 samples - narrow (un-stated) width:

<u>Au.</u>	<u>Ag.</u>	<u>Cu.</u>	<u>Pb.</u>
.01	4.16	.85	2.49
0.05	2.01	5.58	
0.05	1.92	5.01	
0.05	.57	2.72	
6.05	.14	.17	

No. 3 Zone is 1200 southerly and parallel to No. 1 Zone. No. 2 Zone lies between them at a slightly more northerly strike. No. 3 drift tunnel is about 200' long. Face is blank.

Some 500' farther south on No. 5 Zone another drift tunnel was started about 100 above water and 100' from the edge of the Sound. It is also about 200' long with a narrow ore showing for 70' (about 3' wide in floor, narrower in back).

Values reported:

<u>Au.</u>	<u>Ag.</u>	<u>Cu.</u>	<u>Pb.</u>
.04	.57	-	Not reported
.01	1.55	3.45	
-	.65	1.10	
.02	11.65	15.85	
.04	18.15	20.35	

About 1900' south on #9 Zone there is a 40' adit - no assay values reported - said to show mineral.

The distance these fissures can be followed as indicated by cuts is 4000'.

The country rises at a very steep angle and is dissected by two creeks - 5150' of shore line of Howe Sound is owned by claims.

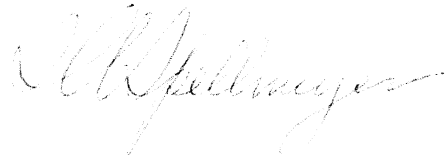
The area prospected by some work is 3300' N-S and 2500' east-west.

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Notes by S.A.S.: Report handed to S.A.S. by W. A. Hax.
 Seems to be owned by R. M. Walker, 2826 Alamein St., Vancouver. No data on proposition. 4 out of 9 shear zones have tunnels on only one place each. Only one

cross cut. Apparently no formal trenching but there are a few pits. There has been no crosscutting to see if parallel ore exists in shear zones except in case of Discovery tunnel where several narrow veins were found.

This property as so far described indicates some narrow stringers of fairly good ore in comparatively wide shear zones. The lack of ore outcrop and the absence of any mention of strong alteration zones seems significant. It seems very improbable that another Britania Beach could exist. Nothing of importance would be seen on the surface so there would be no reason to examine it unless there was considerable bull dozer trenching done. Nothing in the description warrants the expense of bull dozing trenches.



S. A. Spellmeyer

SAS/a

1800
1850
1900
4360

To
Vancouver



OPPORGOL
MINE
HOWE SOUND, B.C.

Scale
1:59 = 200'

Howe Sound

To Vancouver