

From BCDM Property Files.
82ESE 147- Sappho-Cabin
Subfile # 05

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Canadian Superior Explorations
Smithers, B.C.

Attn: Mr. John Baker

Dear John,

I have two mineral properties which may be of interest to your company. These properties are located near the town of Greenwood in Southern British Columbia. They are both copper properties and can easily be examined during the summer and fall. A brief resume on each is listed below:-

Cabin Group (Sappho in old 1912 Report) 82ESE147

Location : Two claims located at the headwaters of Norwegian Creek several hundred yards from the American-Canadian border.

Economic Minerals : Cu, Au, Pt.

Geology : A diorite intrusive has been intruded by a pyroxenite plug, which in turn has been intruded by a syenitic feldspar porphyry dyke. The entire assemblage has been sheared and faulted.

Alteration : The diorite pyroxenite contact is altered to a dark hornfels composed of varying amounts of quartz, pyrite, magnetite, hematite, epidote, chlorite, and possibly secondary biotite.

Mineralization : Locally chalcopyrite mineralization grades up to 2.9% Cu in these areas and assays of .02% Pt have been reported.

Free gold has been noted in massive pyrite sections but no assays have been run for gold.

History : The property has been prospected by pit, shallow shaft and tunnel in the early days for copper and gold, but the early records are not available. During 1964 Silver Standard trenched

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and drilled several percussion holes. The property does not fit the usual porphyry copper pattern nor does it fit the Phoenix skarn model, so further work was suspended.

Potential : A large portion of the pyroxenite, diorite contact is covered by overburden and this has never been tested (an area 1,000' x 300'). The three dimensional or depth potential of the area has never been tested.

I feel that a small (less than 10 million tons) tonnage of greater than 1% copper with gold and platinum credits could be developed by a sectional diamond drilling.

Deal : \$3,000.00 down with a 60/40 deal until a production decision is reached and then the owner must participate to his 40% by advancing 30% of the cash, if unable to do so a 10% carried interest is all that remains to the owner.

Gotcha Group (Tam Oshanter & Buckhorn in old Reports) 82ESE130

Location : Claims located in the Deadwood Copper Camp to the West of Motherlode Creek, three miles by road from the Town of Greenwood.

Economic Minerals : Copper, Molybdenum.

Geology : A large granodiorite intrusion has intruded a series of quartzites, arkoses, sand stones, and andesites. These rocks are overlain unconformably by post mineral tertiary river sediments.

It appears that the diorite contact with the intruded quartzites was roughly parallel to the present slope and that the diorite has been recently unroofed.

Several significant faults cross the property and the Buckhorn fault appears to have down dropped its northern section, leading to the preservation of a wedge sectioned area of post mineral river sediments. This wedge appears to have its thinnest end to the west or at the crest of the ridge.

Alteration : The main body of diorite is composed of weak propylitic alteration and contains local shear controlled alteration of higher grade. The copper content of this type of alteration would be about .05% Cu. Some "scabs" or roof pendants of contact material are exposed in this zone and confuse alteration mapping but the volume of these is not significant.

