

Property File

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720 Pacific Building

October 8, 1945.

Santiago Mines Ltd.
423 Hamilton St.
Vancouver, B. C.

Attention Mr. R. Crowe-Swords.

Dear Sirs:-

As per your instructions I have made a brief examination of the Hartney Group and the Marion and California Claims near New Denver, B. C. and submit my report herewith. Since only a few of the workings are accessible I have included extracts from Memoir 184 of the Canada Geological Survey, and also submit an abstract of the report of Mr. C. H. Palmer Jr., a mining engineer who examined the Hartney, probably in 1914.

Also, I roughly covered the ground between the Hartney and the Bosun Groups. Immediately below the Hartney there is a swamp with no known rock outcrops. Beyond the swamp there is a succession of low, sharp ridges and depressions with outcrops of the Slocan argillites and quartzites on many of the ridges which trend northwest. This terrain extends nearly to the east end of the Bosun ground where the hill drops off steeply to the upper Bosun tunnels. The area was not covered in detail, but no signs of mineralization were noted.

Re-timbering in the Bosun tunnel is progressing slowly through loose gravel, but as well as could be expected under the conditions. Top and side lagging have to be driven, which is made difficult by the presence of numerous boulders. There are indications that the ground is improving slightly. I consider the crew first-class.

Mr. Buckham and I agreed that two new claims should be located for protection on the dip and rake of the orebodies adjoining the Broken Lock, Cracker Jack, and Kingston claims from the Alpha northeastward.

As may be noted on the claim map with my Hartney report, the Hartney and Bosun veins can not very well lie in the same shear-zone since they do not line up, the Bosun being perhaps 2000 feet further to the northwest.

Yours truly,

C. C. S.