

Property File
082FNW003

Silverton, B. C.
March 28, 1947.

Mr. R. Crowe-Swords, President,
Santiago Mines Ltd.
423 Hamilton St.
Vancouver, B. C.

Re: Bosun Mine
Proposed Diamond Drill Holes.

Dear Sir:-

I spent the 26th and 27th of the month at the Bosun Mine and have the following comments to make on the proposed diamond drill holes. The sketch herewith, to be superposed on the old 80 scale map, shows the holes as originally proposed in red, and the revised proposals by me in blue.

D. D. H. #1 This hole as originally drawn would cut the extensions of #605 and #606 drifts west at, respectively, 110 and 200 feet from the present faces. I believe it would be better to swing this hole to a bearing of S 50° E, which would cut the extensions at 50 and 110 feet, respectively, from the present faces.

D. D. H. #2 I would suggest that this hole be drilled from the same crosscut as #1 hole, and swung 30° to the right from #1 (to S 20° E) instead of being drilled from the next crosscut to the west. This would cut the extensions at 90 and 175 feet from where they would be cut by #1 hole. Also the new #2 hole would be 120 feet shorter, if it be extended to cut both extensions of the veins, than if it were drilled from the crosscut to the west.

D. D. H. #3 & #4 These should be entirely dependent on the results obtained from Nos. 1 and 2.

D. D. H. #5, 6, & 7 These holes seem OK, except if #4 is not drilled they might well be spaced a little differently so as to take advantage of the crosscut where #4 is marked in red.

D. D. H. #8 I see no definite reason to expect anything in this hole, but perhaps it would be good prospecting.

D. D. H. #9 This hole might better be drilled at 25 feet west of where it is marked in red, and just opposite the small crosscut, as there seems to be a possibility of a branch off the main vein which it would cut from that position.

D. D. H. #10 Apparently the vein is more or less continuous around the "S" bend in the drift, but I think it would be good prospecting to drill this hole.

D. D. H. #11 This should be a promising hole, though I would move it twenty feet eastward. There is a strong suggestion of a vein running

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from about Sta. 711 west to near Sta. 707 west.

D. D. H. # 12 There seems to be no reason for drilling this hole unless purely to prospect the hanging wall of the vein in the drift. In that case it would seem better to drill from the first crosscut to the west.

The total estimated length of the "Blue" holes is 1070 ft.

I heartily recommend the drilling of the above holes, except that I am somewhat doubtful of the advisability of Nos. 8 and 12.

As soon as I am through with the work for the Western Expl. Co. I plan to go back to the Bosun for a few more days study, and it is entirely possible that I may then recommend some further drilling.

Mr. Buckham says that the veins on both the Frisco and Alpha are still under considerable snow, so that I will defer visiting them until I am through with other work here.

The eastward continuation of the 7th level has shown continuous vein with considerable lead and zinc, but little ore of a shipping grade and width. The vein in the face looks strong and it would be well to continue the drift when convenient.

The raise in the west end of the 7th level has passed through some very good lead ore, but the face at present is quite lean. It is expected to break through to the 6th level in the next three or four rounds.

I do not know how much longer I will remain at Silverton, but pretty surely not less than ten days.

Yours very truly,

cc to T. R. Buckham