

Copy

Silverton, B. C.
August 21, 1950.Mr. R. Crowe-Swords,
423 Hamilton St.
Vancouver, B. C.Re: Bosun Mine.

Dear Sir:-

This morning I went through the Bosun mine with Tom Buckham and, I believe visited all places where recent work has been done. I am afraid that it will be rather difficult to describe the working places so that they will make sense to you.

Stope on #5 level, #5J

Work is now going on in this stope which is about 45 feet long and 15 to 20 feet high above the level. There is an irregular vein of nearly solid zinc up to 10" wide, and averaging about 6", which is cut and faulted for a few inches to three feet by steep slips which occur every few feet. In the west face of the drift and stope the vein has pinched out. Near the east end of the stope a raise which extends a couple of rounds above the back of the stope has passed through the ore. The stope does not look particularly promising for the ore to go up very far. I would estimate, roughly, 150 tons of broken ore in the stope and the chute below.

Stope on the west end of #6 Level, on the east side of the escape way and under #5A stope.

This stope as it now stands is extremely irregular and ore left in the upper east end is scattered from the footwall to the hanging wall, and into a short crosscut into the footwall. The ore is mostly galena with some zinc and occurs in stringers and bunches, the latter apparently caused by the intersection of stringers of varying strikes and dips, some of which strike at right angles to the normal vein course. At present it is awkward to handle muck and timber, but Buckham says there is a raise up from the level to within about 20 feet of the crosscut at the top of the stope and the completion of this would conveniently allow further work on the ore. I am not particularly optimistic as to the chance of finding important ore here, but the showings seem too good to neglect entirely.

#7 Level, near the west end

Possibly you have seen this work. Several short crosscuts were run into the hanging-wall, started on small stringers that pinched out. Also a raise was started on the bunch of zinc on the foot side of the drift and continued through to the #6 level without finding commercial ore. East of this several one or two round raises explored the vein in the drift but found nothing. This section of the mine seems to have been well tested.

#7 Level, near the face of the east drift.

Several one or two round raises have been driven on small, irregular lenses and veinlets consisting mostly of spathic iron with some zinc and a little lead, but none of them showed any improvement. It seems possible that some of these might open up with further raising, though rather doubtful.

I did not go down to #8 level on account of water.

On the whole the mine does not look as well as it often has in the past. I have no suggestions except to continue work on the #5 level, and to do a little more work in the #6 level stope mentioned above.

The Wellington samples went out this morning by Miller Transport truck and were to be sent from Nelson by truck to Vancouver if the railroad strike starts.

Yours sincerely,

CBS.