

June 28, 1939

Mr. J. B. Curl
Coos River
Marshfield, Oregon

Dear Mr. Curl:

In regard to the Cliff Side lode I believe Diller summed up the geology of this area in the following paragraph, Port Orford folio No. 89. He states, "Notwithstanding this difference in chemical composition, which covers practically the whole range of the gabbroic rocks, it is believed that the Bald Mountain mass is essentially a unit and that its variations are the result of differentiation in the mass while yet in a more or less completely molten condition."

Your property is a part of this gabbro intrusion, but locally is of a more acid type which I believe should be classified as diorite. The ore minerals present are pyrite and chalcopyrite, and they do not occur in a vein but are in the diorite. Near the surface these ore minerals have oxydized and are fairly easily distinguished. The better assays came from these oxydized zones, while at a short distance and apparently in the same zone it is possible to get an assay which will not run much more than a dollar, showing the values to be spotty. For this reason I believe the property would never pay as a small operation. The high grade zones may occur close enough together to make it worth while as a large low grade operation. To determine this it will be necessary to secure representative rather than picked samples. There are a number of ways that this might be done, but I would suggest that channel samples be taken at regular intervals across the zone, as this will also give you the width and length of the possible ore body. The cost of such a job would probably run five hundred to a thousand dollars, and would give you a lot more information than a tunnel 100 ft. long which would cost you approximately the same.

This is only a prospect, and the only way that it can possibly be developed into a mine is through a study of the geology and development work.

I hope that I have answered your questions, and if I can be of any further service to you do not hesitate to call upon me.

Yours very truly,

J. E. Morrison,
Mining Geologist