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(2)
Item 1

REPORT ON THE ANTIMONY PROSPECT
located in
BERNICE CANYON, NEVADA

GEOGRAPHY

This property is situated in the Bernice Mining District on the west slope of the Clan Alpine Range, County of Churchill, State of Nevada. It is approximately 90 miles by road from Fallon, Nevada. To reach the property from Fallon, travel east on U.S. Highway 50, 40 miles. Turn off on the Dixie Valley road and travel north to Bernice Canyon which is about 50 miles from the highway.

DEVELOPMENT WORK

This property has been located by Mr. Will Reed of Fallon, Nevada, who with a partner is now working it. According to Mr. Reed, he has been able to trace this vein on the surface for 900 feet and strikes almost north-south. Mr. Reed has followed the oxide ore in from the surface, to a depth of 25 feet where he has picked up the stibnite ore in a quartz vein associated with blue limestone that is very soft. This vein is about 2 feet wide and dips approximately 40° to the west. The wall rock consists mainly of sedimentary rock of slate and shale which will need timbering. Mr. Reed has now started a tunnel about 100 feet on the slope and below this shaft to intersect the vein so that he will be able to stope on it. Mr. Reed has saved about 2 ton of the ore from the development work he has done in the shaft, that according to him will run between 50% to 60% antimony.

GEOLOGY

The geological horizon surrounding this prospect is comprised chiefly of sedimentary rocks that are mainly slate, shale and limestone intruded by granite. The antimony occurs in a quartz vein associated with blue limestone.

RECOMMENDATIONS

This prospect would need considerable more work done on it, than has been done, to determine if the ore was of any great extent. If much more work was to be done I would recommend that a tunnel be driven in near the bottom of the canyon where Mr. Reed has done some of his location work. Here he could pick up the vein and if followed in would not only determine if the ore was of any extent, but if it was, it would give several hundred feet of stoping above. It would also make transportation conditions easier since what ore Mr. Reed does get out has to be hauled off the mountain on a sled. The price of haulage to Fallon, Nevada, being the nearest railroad, is about \$7.00 per ton.

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CONCLUSION

In conclusion I will say: With the price of antimony at the present value this property possesses considerable merit as a prospect, but the development work is not sufficiently extensive to warrant a definite opinion as to its future.

Ray F. Gough

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