

The State of Wyoming.
Office of State Geologist,
Cheyenne.

1904
MR ~~1011~~ - 54

Cheyenne, Wyo. Dec. 31, 1904.

The Maverick Copper Co.,

Douglas, Wyo.

Dear Sir:-

Herewith I hand you a brief report on the location and
improvements made on the Maverick claim of claim owner by your company
and hope you will be able to show us what I believe to be a good prospect
and which warrants the expenditure necessary to prove its ultimate value.

Very truly yours,

Henry A. Beeler
State Geologist.

GEOLOGICAL SURVEY OF WYOMING

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A BRIEF REPORT
ON
THE MAVERICK GROUP
NEAR
ESTERBROOK P.O., in LARAMIE COUNTY,
WYOMING.

LOCATION & EXTENT.

The Maverick Group of claims is situated in Sections 22-23, T.29 N., R. 71 W. in the north-west corner of Laramie County, Wyoming and about three miles from Esterbrook P.O. in the North Laramie Peak Copper District.

This group consists of four claims, namely the Maverick No. 1, 2, 3, and 4, all full claims 600 feet \times 1500 feet, comprising about 82 acres of land lying contiguously along the strike or trend of the formation at this point, viz easterly and westerly.

OWNERS AND TITLE.

This group is owned by the Maverick Copper Company of Douglas, Wyoming, incorporated under the laws of the State of Wyoming for \$1,000,000. divided into 1,000,000 shares of a par value of \$1.00 each.

The claims comprising the group are held by location and discovery under the laws of the United States and the State of Wyoming.

FORMATION.

In general the range north of Laramie Peak is a series of red granite hills showing an occasional band or broad dyke of schists and

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gneiss with layers of chlorite and limonite rocks scattered throughout the region.

It has been noted that a number of the most promising properties of the district are situated in, or near these schist exposures and the work to date on this class of prospects has been decidedly encouraging, especially at the Oriole and LaForte properties in the western end and Trail Creek at the eastern end.

THE MAVERICK GROUP.

This group, as above described, lies near the west line of Lawrence County near the junction of the Lincoln, Albany, Converse County lines in the immediate vicinity of a number of the working properties of this new and promising copper district.

The district being as yet undeveloped to any great depth, the work on showings must as yet be considered the most important and the results carefully noted.

The most prominent showing in the Maverick Group is a large ledge of mineralized quartz that outcrops along the length of this tract and on this the principal work has been done.

At the main shaft, which has been sunk to a depth of 50 feet on the quartz, the showing is most promising, as it shows all the usual forms of the oxidized iron found in the iron cap, which, in a number of well known instances, viz. the Ferris-Hagarty and Boulder mines in this State and other mines elsewhere, has been found to overlie copper deposits and which in this region evidently are similar deposits.

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These forms of iron vary from a soft yellow limonite to a hard hematite and are all intimately mixed with the quartz of the ledge, the latter being a light, fine quartz showing a width of two to four feet, and the total vein matter in the shaft shows a width of about six feet.

With this iron and stained material are often noted small amounts of copper or malachite or green carbonate of copper and a few kidneys of the unaltered copper-iron sulphide are also noted, but at this depth are not continuous and unimportant except as indicating what may reasonably be expected with depth.

The walls here are mica schist and in the shaft show the iron minerals staining and impregnating the schist on either side.

DEVELOPMENT.

To develop this showing, would advise that the present shaft be sunk in the ledge, following the ore in any case until at least the real conditions of the property are determined.

The present shaft has been well and substantially timbered, is of sufficient size (22 compartments) to admit of deep workings and at the present depth no water has been encountered; the present season is the driest and best time of the year to work in this vicinity and considerable depth may be attained before the spring surface waters come in.

The present oxidized ores give place at permanent water level (which varies in depth at the various properties) to the sulphide forms of the minerals shown and these will determine the real value of the property, where properly exploited.

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IMPROVEMENTS.

There is a well built, four room house on the property, suitable for housing the force necessary for carrying on this work and lumber etc is on the ground for a shaft house, blacksmith shop etc necessary for winter work in this district.

With these improvements work can go on here all winter without hindrance and no unnecessary expense incurred.

Lumber, timber and supplies may be had in this district or at Douglas at reasonable rates and the roads are open the year around.

Water for all present purposes may be had at the house above mentioned and for other purposes when required.

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It is considered that the Haverick Group is a good development prospect and fully warrants the expenditure necessary to determine its permanent value, with every reasonable indication that it will become a producing property when properly developed.

Respectfully submitted,

Henry C. Beeler.
State Geologist.

Date of Examination
December 30, 1904.