

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

1905
MR ~~1000~~-58

Cheyenne, Wyo. August 9, 1905.

Mr. C. B. Bergquist, Sec'y.,

Investors M. P. Co.,

Encampment, Wyo.

My dear Sir:-

Herewith I hand you brief report on the showings on the claims held by your Company near Rambler, Wyoming and hope you will be able to develop them, as, in my opinion, these showings fully warrant the expenditure necessary to open them up with every indication that profitable ore bodies will be developed and made to pay.

Very truly yours,

Henry C. Beeler
State Geologist.

GEOLOGICAL SURVEY OF WYOMING

The State of Wyoming.
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REPORT ON
THE INVESTORS MINING AND PROSPECTING COMPANY PROPERTY,
RAMBLER, CARBON COUNTY, WYOMING.

LOCATION AND EXTENT.

This property is located on Sections 19 and 30, T. 14 North, Range 85 West, near the town of Rambler, Carbon County, Wyoming and about 57 miles from Walcott Station, on the Union Pacific R. R., the nearest shipping point.

The property consists of eight claims, as follows:-

1. The Unslopogus..
2. " Unslopogus, Jr..
3. " Last Fraction.
4. " New Years.
5. " Ingomar.
6. " Pig Divide, and
7. " Warrior Claims comprising about 100 acres in

section 30, and the Cuprite claim of 20 acres, lying in section 19, about 3/4 of a mile north west of the main group and on a different vein or lead.

TITLE.

These claims are held by location and discovery under the laws of the United States and the State of Wyoming, except the Pig Divide claim, which is being patented.

OWNERSHIP AND ORGANIZATION.

The above claims are owned by the Investors Mining and Prospecting Company of Encampment, Wyo. incorporated under the laws of the State of Wyoming. Capital stock \$1,000,000.00, divided into 1,000,000 shares of the par value of \$1.00 each; treasury stock 200,000 shares.

The present officers are as follows:-

Aaron Slothower,	President.	Rambler, Wyoming.
L.S.Niece,	Vice-President.	" "
C.B.Bergquist.,	Secretary and Treasurer.	Encampment, Wyoming.

FORMATION.

The geological formation in the vicinity of this group consists of a series of schist and quartzite layers or bands together with dykes of the dark colored dyke rocks, locally known as diorite, and identified as gabbro intrusive rocks, all of which have a general trend or direction north westerly and south easterly and a varying dip; south of the Rambler locally the red granite is noted and in the valley near Battle Lake the whole formation is covered with a deep wash of boulders and fragments from the surrounding hills, that also extends over a part of this group.

THE INVESTORS GROUP.

This group has a general easterly and westerly direction and covers the main contact between the schists above noted and a huge layer or band of quartzite lying therein.

On either side of the quartzite band, a layer or ledge of iron stained material is noted lying between the quartzite and the adjacent schist and varying in width from $\frac{1}{2}$ feet to 22 feet at the different points where it has been exposed.

This material is the gossan or iron cap found to overlie copper deposits in this and other copper districts and is in itself sufficient evidence on which to develop the claims.

The iron cap of the Investors group consists of a soft spongy limonite or brown oxide of iron, usually mixed or associated with quartz, and showing the brown and red stains from the iron oxides extending into the quartzite or schist walls.

With this brown cap is associated stains and bunches of copper ores, showing as carbonates of copper as green and blue stains, and as sulphides of copper in the deeper workings.

As above stated, this capping is characteristic of the successful mines of this district, notably the Doane-Rambler at Rambler, near this property and the Ferris-Hagarty Mine at Dillon, four miles west, both of which occur under similar conditions to this group on contacts of schist and quartzite.

At the upper or eastern end of the group on the Big Divide claim the capping is especially well defined and a shaft 110 feet deep sunk on the ledge matter, showing the same condition at that depth with some copper stains.

On the Big Divide claim, a shaft 20 feet deep has been sunk, and near it a cut in the ledge shows a width of 22 feet.

The greater portion of the work has been done on the New Years claim, near the south end of the claim where a shaft has been sunk 20 feet deep with a drift 40' south on the north contact, and a shaft 25 feet deep sunk near the south contact with drifts south 35 feet and north 60 feet.

At a point near these two shafts the main shaft of the group has been sunk to a present depth of 50 feet, and it is recommended that this shaft be continued to a depth of 100 feet before cross-cutting the lead, as it is evident from the showings already made ⁱⁿ the two shafts and drifts in this vicinity, that a deep shaft and cross-cut to fully prospect and cut the formation at this point, and develop the indicated ore bodies by drifting on the lead, is fully warranted by the showings on these contacts.

To accomplish this work a plant of machinery will not be necessary, unless a heavy flow of water is encountered, as a horse whim will be all that will be required for a depth of 150 feet to 200 feet and in case a small pump is necessary, a small upright boiler will supply all steam necessary.

The three lower or westerly claims, viz. the Musslopogus, Musslopogus Jr. and Last Fraction Claims are covered with wash to a considerable extent and it is recommended that work for the whole group be confined for the present to the one shaft, as above indicated.

The ores of the Grand Encampment District are the sulphide ores of copper suitable for concentration and smelting and occur under characteristic conditions, of which the iron cap is the most marked, accompanied by stains of copper carbonates which, with depth, give place to the permanent copper sulphide forms, and these are readily treated, as the successful operation of the Encampment Reduction works has amply demonstrated.

THE CUPRITE CLAIM.

This claim is situated at a distance of about three-fourths of a mile from the main group, is undeveloped, but it is evident from work

done on adjacent claims that it is a good prospect and worth holding.

The formation here is schist and diorite having an easterly and westerly trend and showing ledges of quartz. On the claim adjoining the Cuprite a shaft has been sunk to a depth of 40 feet and shows copper and iron pyrites in a quartz vein or ledge and from the trend of formation and ledge, this runs through the Cuprite group.

Wood for fuel may be cut on the claims and saved lumber had at Rambler and Encampment and nearby saw mills at reasonable rates.

Water for all purposes is on the claims and the topography of the ground renders the working of the claims not difficult.

It is considered that the showings on this property fully warrant the expenditure necessary to prove the existence of and open up the bodies of commercial copper ores that are now indicated by the showings already made on these claims and herein described, and there is every reasonable assurance that the proper development of these showings will open up bodies of ore similar in character and grade to the ores of the Doane-Rambler and Ferris-Hagarty Mines for the reasons already advanced.

Respectfully submitted,

Henry C. Beeler,

State Geologist.

Date of Examination,
July 25, 1905.