

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

1904  
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**GEOLOGICAL SURVEY OF WYOMING**

Cheyenne, Wyo. May 31, 1904.

The Hoosier Coy Copper Co.,  
Lincoln, Nebr.

Gentlemen:-

Complying with your request, I find you herewith brief report  
on the Hoosier Coy Grant of Claims held by your Company, near Cascade Peak,  
this State, and trust it will aid you in developing the property.

Very truly yours,

*Henry O. Becker.*  
State Geologist.

Office of State Geologist,  
Cheyenne.

A BRIEF REPORT  
ON  
THE HOOSIER BOY GROUP  
CONVERSE COUNTY, WYOMING.

ORGANIZATION.

The Hoosier Boy Copper Company is incorporated under the laws of the State of Nebraska for \$1,000,000.00 divided into 1,000,000 shares per value \$1.00 each and officers are

Chas. A. Jones,	President.
S. P. Linder,	Vice President.
W. L. Herley,	Secretary.
T. A. Worrell,	Treasurer.

The headquarters of the company are at Lincoln, Nebr.

LOCATION AND EXTENT.

This group of claims is situated about thirty miles from Douglas, Wyoming on the Chicago and Northwestern R.R. and 35 miles from Glendo Station, on the Colorado and Southern Railroad, near the Converse-Albany, Wyoming County line, and about 15 miles northwest of Laramie Peak.

FORMATION.

In general the formation of the Laramie Peak vicinity is a remnant felsitic granite, with numerous bands of schist and some dykes of diorite and kindred igneous rocks.

Associated with some of these schistose bands are ledges of highly impregnated material which carries copper and iron in varying quantities and on a ledge of this description these claims are located.

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These claims are held by location and discovery under the laws of the United States and the State of Wyoming, all assessment and location requirements having been complied with.

The group consists of six claims, each 600 feet by 1500 feet, located along the west of a well defined ledge comprising 120 acres of land. The claims are as follows:-

Hoozier Foy No. 1.

- " " " 2.
- " " " 3.
- " " " 4.
- " " " 5.
- " " " 6.

THE HOOZIER FOY GROUP.

This group extends along the above mentioned ledge and small discovery holes have been dug as required, but the main work has been done on the number one claim, where a shaft 30 feet deep has been sunk on the ledge and following the dip of the same.

At this point the mineralization was exceptionally heavy and the copper-iron sulphides were found on the outcrop together with the usual oxidized forms of iron, both brown and red hematite and the soft yellow, spongy, porous forms of limonite. The usual copper carbonates, both green and blue are never again in the ledge matter to a considerable extent and the whole shows a highly oxidized condition.

The shaft was sunk, as above stated, in this material and the sulphides and stains found to continue as far as the work has proceeded.

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It is recommended that the shaft be sunk to at least the level of permanent water in the work so far has been well done, the timbers etc having been placed in a substantial and workmanlike manner and the showings in the shaft and on the ledge fully justify such an expenditure.

The Laramie Peak District has not as yet been developed to any considerable depth and it is necessary to develop each property on its own merits but it is considered the conditions here warrant this company in doing further work and with good prospects of success in this instance.

This work can be accomplished without a steam plant to a depth of 80 feet to 100 feet, if the horse whip is used or water is not met with in the distance, but below that level a steam hoisting plant will be required.

No samples were taken for assays at the time of this inspection, as the surface values of these properties does not indicate the real value of the lower ores which will form the real value of the mine, and while specimens may be selected that would give high returns in copper, with some gold and silver, it will be necessary to cut the ores at a considerable depth before making a definite statement of ore values and to this end the efforts of the company should be directed.

FUEL, WATER ETC.

The conditions for working at the present shaft are favorable for economical work and water may be run to the shaft by ditch or gravity pipe line, should steam be used. Wood for fuel may be had for \$2.50 to \$3.00 per cord and lumber for \$15.00 per M. at the mill a few miles away.

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Work may be carried on all winter without inconvenience and  
good roads are found all over the district.

Respectfully submitted,

*Henry C. Beecher.*  
State Geologist.

Date of Examination

May 24, 1904.