

-REPORT OF-

WHEELER'S MINING AND TUNNELLING COMPANY

BOULDER COUNTY

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COLORADO SCHOOL OF MINES
GOLDEN, COLORADO**

For The Year 1901

MINE MANAGER'S REPORT

PAGE 90

STATE BUREAU OF MINES

STATE OF COLORADO.

WHEELER'S MINING AND TUNNELLING COMPANY.

BICYCLE MOUNTAIN

BOULDER COUNTY

PROPERTY

The Wheeler's Mining and Tunnelling Company is the owner of the Clyde, Waverly, and Victor Millsites, situated on and along Boulder creek: the Clyde, Waverly, Marzoth, Bell Houston, Victor, Tom O'Shester, D. A. C., Reabler, Hartford, Black Bob, Blue Rock, Sterling, Columbia, La Junta, Century, and Clara lode claims; also one half of the Mayflower and three-fourths of the Paymaster, and on the whole of the Marie King lode claim. All of the above described property lies in one contiguous group on Bicycle Mountain eight miles above the city of Boulder in Boulder canon. The company have also located a Tunnel site three thousand feet in length, which will cut the above described lode claims at right angles at depths ranging from one hundred to one thousand feet, and will also hold all the rights given to tunnel site holders under the United States laws and Supreme Court decisions--the most important of which is the right to fifteen hundred feet on either side of the tunnel of all lodes which were undiscovered at the time the tunnel site was located.

LOCATION.

The property is situated on the stage road from Boulder to Eldora, about eight miles above the city of Boulder, and is within four miles of a station on the Colorado & Northwestern R. R. The wagon road to the station and to Boulder is one of the best of mountain roads, on which a bicycle can be ridden almost every day in the year.

ALTITUDE

The altitude of the property is about six thousand feet above sea level, and is not high enough to be troubled with deep snows or extreme cold weather. The climate is extremely mild. There has not been ten days all told in the last two years that men could not work comfortably at outside work.

TIMBER

Timber for mining purposes is plenty in the immediate vicinity, and in fact there is enough timber on the premises to supply all wants of the property for mining purposes for years.

TREATMENT

The facilities for the treatment and reduction of ores are first class; high grade ores can be sold readily at ninety-five per cent of their assay value, in any quantities, to the sampling works at Boulder, or shipped to smelters at Denver, only forty miles away, at reasonable freight charges. There are three mills within three miles of the tunnel for treatment of low grade ores. There is a large chlorination works in the city of Boulder which treats low grade ores successfully and at reasonable charges. The capitalists who are interested in the building of the Colorado & Northwestern R. R. are building a large concentrating plant near Boulder, at an expense of \$50,000 for the purpose of handling and reducing low grade ores. The improvement made recently in the treatment of low grade ores has reduced the cost of treatment until ores which a few years ago were considered valueless can now be worked at a profit.

WATER POWER

Boulder Creek runs for about half a mile across the three mill sites and will furnish, when properly developed, from five hundred to a thousand horse power, which will be more than enough to operate all the machinery and mills to work the mines and reduce the ores.

MINERAL CHARACTER.

Bicycle Mountain, into which the tunnel is being drive, is a vast mineralized hill, situated in the middle of what is known as the Tellurium Belt of Boulder County, about one mile north of the mining camp of Magnolia, and directly between it and Salina, Gold Hill, Sunshine and other camps on that belt. It is in the same belt in which are situated The Logan, The Emancipation, The Golden Age, The Inter Ocean and many other phenomenal gold producers. Upon the property are at least seventeen well defined veins of gold bearing ore, which will be cut by the tunnel in its first two thousand feet--almost at right angles--draining them all thoroughly and giving an opportunity to work them on either side of the tunnel.

The location work done on these claims has, at ten feet depth, produced ore running from \$12 to \$277 per ton. The ore is what is technically known as Silvanite and Marcasite, and is of the same character as the ore in the great gold producing mines in Cripple Creek and other camps in the Tellurium belt. The veins show upon the surface to be strong and well defined true fissure veins, most of them several feet in width, and there is every indication that they will improve as depth is reached.

DEEP MINING

Experience has shown that deep mining is the successful method everywhere in Colorado, and of late deep mining through tunnels is being recognized as the proper method, where possible, as it avoids a necessity of large investments in pumping and hoisting machinery which, besides the first cost, are a continual expense for operating. Besides the liability of filling up the mines with water in case of suspension of work for any cause, entailing often an immense expense to unwater them. When mines are worked through a tunnel the water flows out steadily by its own gravity, and all expense and trouble is avoided. The ore is also tramed out without expense of hoisting, allowing the money which would otherwise be spent for machinery, hoisting and pumping, to be paid to the stockholders in dividends.

Very respectfully,

THE WHEELER'S MINING AND TUNNELLING COMPANY

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GOLDEN, COLO.

MAP OF THE PROPERTY
OF THE
WHEELMAN'S MINING & TUN. CO.
Sugar Loaf Mining District
BOULDER COUNTY,
COLO.
Scale: 100ft = 1in.

Found on page 90-1901 Mine Managers Reports

Drawn by - L.B.S.

