

REPORT

on the

FAIR COUNT GROUP.

Boulder County, Colorado.

Sugarleaf Mining District.

by

J. N. Smith

1920

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GOLDEN, COLORADO

Report furnished by W. I. Holmes,
Denver, Colorado.

J.N. SMITH, Mining Engineer.
216 Colorado Bldg.
Denver, Colorado.

August 27, 1920.

Mr. J. H. Bartley,
Hangeley Hotel,
Denver, Colorado.

Dear Sir:

On July third, I visited, at your request, the mining property known as the FAIR COUNT GROUP; composed of the Fair Count, Pike, Denver, Meriden and the Fair Count Mill-site, all situated in the Sugar Leaf Mining District, Boulder County, Colorado.

I have made a fair examination of the workings and property and submit for your inspection and approval the following report, giving in detail the conditions found and recommendations for further working and development of this property.

I have also included attached extracts of reports made by J.G.Barri, Wm. J. Smith, Prof. F. A. Fuller, H. Eberhardt, and Prof. H.L.Simmons of London, England, all capable mining engineers. It is unnecessary for me to recite their findings over again, only to state that they all agree that the property has the making of a mine, that with the proper expenditure of time and money should return handsome profits in dividends for years to come.

Respectfully submitted,

(Signed) J.N.Smith, E.M.

LOCATIONS:

The group of claims embraced in this property lies due west of the City of Boulder, Boulder County, State of Colorado distant about 12 miles by road. The property lies in Boulder Canyon proper and extends from the highway wall upon the north slope and to what might be taken as one of the southern foothills of Sugar Leaf Mt. The Mill-site belonging to the property lies along the side of Boulder Creek and takes in approximately sixteen hundred and fifty feet of that stream. This property is included in what is known as the Sugar Leaf Mining District. The Colorado and Northwestern R.R. passes up Boulder Canyon to Four Mile Creek, thence up Four Mile Creek to Sunset, where it divided, one line goes to Ward, the other swinging back and passing on the south side of Sugar Leaf Mountain and continuing westward to Eldora.

The station called Grobell, the nearest railroad point to the property by the road in the canyon, lies about six miles, while from the Fair Count Claim northwest the railroad is only one and one-half miles away, access in this direction being up-grade but not difficult, the highway lying about one quarter mile away from the Fair Count Claim.

The property lies in the first mineral bearing zone after passing west from the plains, and is one of the most interesting, rare mineral belts in the State of Colorado.

ALTITUDE:

The group lies between 7,000 and 7,800 feet above sea level, the mill-site being about 7,000 feet elevation.

ACCESSIBILITY:

The property is accessible in every part by trail, but the inclines are steep and at places the general contour has a slope of 45 degrees. The ideal manner of working this property is by tunnel, for by driving in on the Pike Lode a depth of 900 feet would be gained on the Fair Count Lode, making all parts of the property easily worked and readily accessible from the road in the canyon. The highway is built on a gradually rising grade, and at no point on the way to Boulder is there excessive grade, but a gradual decline, making transportation easy at all seasons. The snowfall is rarely more than a few inches and on account of the location clears quickly, thus giving access at all times to the property, and communication with the surrounding country is always open.

TRANSPORTATION:

The transportation of ore would necessarily be by auto truck and as the Colorado and Northwestern is a narrow gauge line, shipments to a distance would be made at Boulder. The rate for truck transportation is about 18¢ per ton per mile. The property can be reached by stage from Boulder at a cost of 75¢ each way per passenger. Round trip from Denver to Boulder is \$1.60. Freight rates from Boulder to smelter are about \$1.25 per ton of crude ore, but are scheduled somewhat on the value in the ore.

ROADS:

The highway from the property to Boulder is one of the best roads in the State and the traction problem is not difficult as it is all down grade to Boulder. An ordinary truck should be capable of hauling from five to ten tons per load with comparative ease and should make fair time. At no time of year is the road impassable and in winter it is comparatively free from snow.

DESCRIPTION OF PROPERTY

The property comprises four lode mining claims, viz; Fair Count, Pike, Meriden and the Fair Count Mill-Site, all being patented. The lodes are each 150 X 1500 feet and comprise about sixteen acres on account of the crossings of the lodes as shown on the annexed sketch of claims. The mill-site covers about five acres. This makes a total of about 21 acres in the entire property.

MERIDEN LODE, (TUNGSTEN.)

The vein on this lode is exposed by a tunnel driven on the vein for a distance of about forty-five feet, the vein is well defined, having a northwest and southeast strike, and shows promise of being of value. The vein varies from one to three feet in width and is marked here and there by stringers of tellurium, indicating that good values may be encountered should further development be made. The working is in good condition and the walls are firm and at the present time depth require no timbering. The breast of the tunnel exposes a vein from top to bottom, well marked and shows an increasing width.

FAIR COUNT LODE:

The Fair Count Lode has been exploited largely by shafts, six of which have been opened on the vein and vary in depth from twelve to seventy-five feet. These shafts were opened by various interests and at different periods. In every case the shafts are more or less filled with debris caused by disintegration going in on the exposed walls of the shaft. Two of the shafts contained timbering, but in both cases it now stands loosely in the shafts and is perfectly useless as any practical utility is concerned. The parties responsible for this timbering were evidently ignorant of the requirements of the case, or were too negligent in the matter of safety to trouble themselves to make a clean-cut, workman-like job of timbering.

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