

R E P O R T O N
THE DEW DROP MINING CLAIMS.
Perigo Mining Dist.
Gilpin County, Colorado.

by
W. J. Martine E. M.

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GOLDEN, COLORADO

Report furnished by: Courtesy of W. J. Martine, Denver, Colorado.

REPORT ON THE DEW DROP MINING CLAIMS.

NUMBER OF CLAIMS:

There are two Claims. The DEW DROP, 150 x 1500 feet, and the WEST PERIGO, 150 x 1500 feet, except a small fraction where the IDYL crosses the lode, about two acres. Patent Numbers are: 5980 and 16716, as mentioned above.

LOCATION:

The property is located on the North-east flank of TIP TOP MOUNTAIN, at the head of Gamble Gulch, Gilpin County, Colorado, in the Perigo Mining District.

ELEVATION:

The property is located 10,500 feet above sea level.

TRANSPORTATION:

There is a good truck road from the mine to the railroad at Rollinsville, a distance of about $4\frac{1}{2}$ miles from the mine. Some slight repair work is needed on the road on account of rains.

TIMBER:

Timber for all mining purposes may be had near the property.

FUEL:

Wood is available near the property, and coal at Rollinsville.

POWER:

A Hydro-Electric power line is within a mile of the property.

WATER:

Water for all purposes may be had within a mile of the mine.

SUPPLIES:

Machinery and all mining and milling supplies may be secured at Denver, about forty miles distant from Rollinsville.

LABOR:

Labor is plentiful at Denver, skilled in hard rock work, and can be secured at from \$3.50 to \$5.00 per day.

CLIMATE:

Weather is good eight months in the year, and is not severe at any time, as the property is in the southern part of the State.

SNOW:

Snow is light in Gilpin County, but drifts here and there necessitate constant travel to keep the roads open.

ROCK-BREAKING COST:

Machine work brings the cost of driving levels down to about \$10 per foot; stoping is much cheaper.

ORE BODIES:

From the size of the stopes now visible, the ore shoots range from three to fifteen feet in width.

GEOLOGY:

This locality is principally porphyry and is of the Bostonite variety. The entire region is eruptive and is a part of the porphyry dyke that extends north and south almost through the State, in which the great pyretic mines of Colorado are located. The ores of this region are mainly of gold and silver values, of Eocene age or transition period.

DEVELOPMENT:

A shaft has been sunk to a depth of 200 feet, from which various levels have been driven, and much pay ore has been extracted. This Mine has produced \$200,000, and the MOUNTAIN CHIEF, the East extension of the DEW DROP, has produced about the same amount.

IMPROVEMENTS:

The improvements are of no importance.

EQUIPMENT:

All equipment has been removed.

MILLING PROCESS:

The process for milling this character of ore consists of amalgamation and concentration.

SUMMARY:

The ore body is apparently extending westerly from all appearances and an ore shoot should be developed with a reasonable amount of expenditure. I am informed a commercial mill will be erected and will be ready for the treatment of ore before September 1st, within a mile and a half from the mine.

The ores in this locality are largely made up of gold bearing hemetite iron, and much of the values are free gold and the balance is contained in the iron concentrates. Fine grinding will free the values in the iron.

Following is a list of Assay returns from samples tested:

Sample.	Gold Oz. Per Ton.	Value Per Ton.
"B"	1.56	\$31.20
#16	1.28	25.60
#17	0.60	12.00
#18	0.21	4.20
#19	5.90	118.00

Respectfully Submitted,

(Signed)

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