

Report
on the
Oro Negro Group
La Plata Col.
by
Stark O. Park, Engineer

Feb. 2, 1932

Report furnished by J. R. Reed

Durango, Colorado

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Geography

The Oro Negro Group of mining claims, five in number, covering about One Hundred acres, is located in La Plata County, Colorado, California Mining District. It is about eighteen miles west of Durango, Colorado, about four miles from Hesperus, and about one mile from May Day. The claims are in and on each side of Big Deadwood Gulch, about one mile from the public highway. (Elevation, 8,000 feet.)

Topography

(Proximity to May Day Mine)

An excellent mill site is available just below the mouth of the present development tunnel. This is at the lower edge of the property and handling of ores can be an all gravity process.

Accessibility

There is a good automobile road within one half mile of the property. To put the remaining one half mile in good condition should cost about \$500.00. Shipping facilities are available at Hesperus four miles away. Power lines are within one mile of Oro Negro Group.

Water

The water of Deadwood Gulch is everflowing the year round, and as it passes through Oro Negro, is available for milling purposes. Five hundred feet of pipe line should be enough to lead it from up the creek to the mill.

Timber

The property is located two or three thousand feet below timber line and there is an abundance of good mine timber within its bounds for all time.

Geology

Oro Negro Group lies in the La Plata formation in and across the big fault line known as the May Day Fault, which runs east and west across the entire La Plata District.

The conditions being almost identical with those of the May Day and Idaho mines, about 2,000 feet westerly make the Oro Negro a very favorable proposition for profitable development.

Veins.

I have observed that the mineral deposits are strong, occurring in the Limestone strata of the La Plata formation in a vertical vein, running Northerly and Southerly four to six feet wide, strike and dip identical with May Day, other veins parallel and crossing. Crossing these claims are numerous dykes of Porphyrites and Diorites emanating from the core of Baldy mountain immediately east, on of the big centers of eruption in the La Plata District.

The Ore

From many assay certificates the ore shows values from \$5.00 to \$60.00 per ton. These certificates show that gold predominates in value at the ratio of about 50 to 1. The vein thickness is typical with rich ores of May Day, Idaho and Incas.

Concentration

With a mill sample of two hundred to three hundred pounds a test was made in Denver by the Tiller process of electro-dynamic precipitation. This test showed from the ore with a value of .71 oz. gold and about 1 oz. of silver, a concentration of 60 to 1. This made a concentrate value of about \$879.00 per ton. In my experience with mill and mine operating costs this would be a very profitable ore.

The Workings

The present development tunnel follows the vein and is in to a distance of 85 feet. It has been uncovered in a number of places on the surface, with 10 to 20 feet openings, toward the May Day Fault. There is stoping ground of approximately 475 feet.

Mill

The slope of the hill from the tunnel down to Big Deadwood is such as to lend itself handily to the construction of a mill. If the ore continues as indicated by present development there would be sufficient ore to supply a fifty ton mill. Estimates show that a Tiller process mill could be constructed with a fifty ton capacity for about \$10,000.00. With a continuing of good mill ore this, with such a mill, should be a very profitable property to operate.

Respectfully submitted,

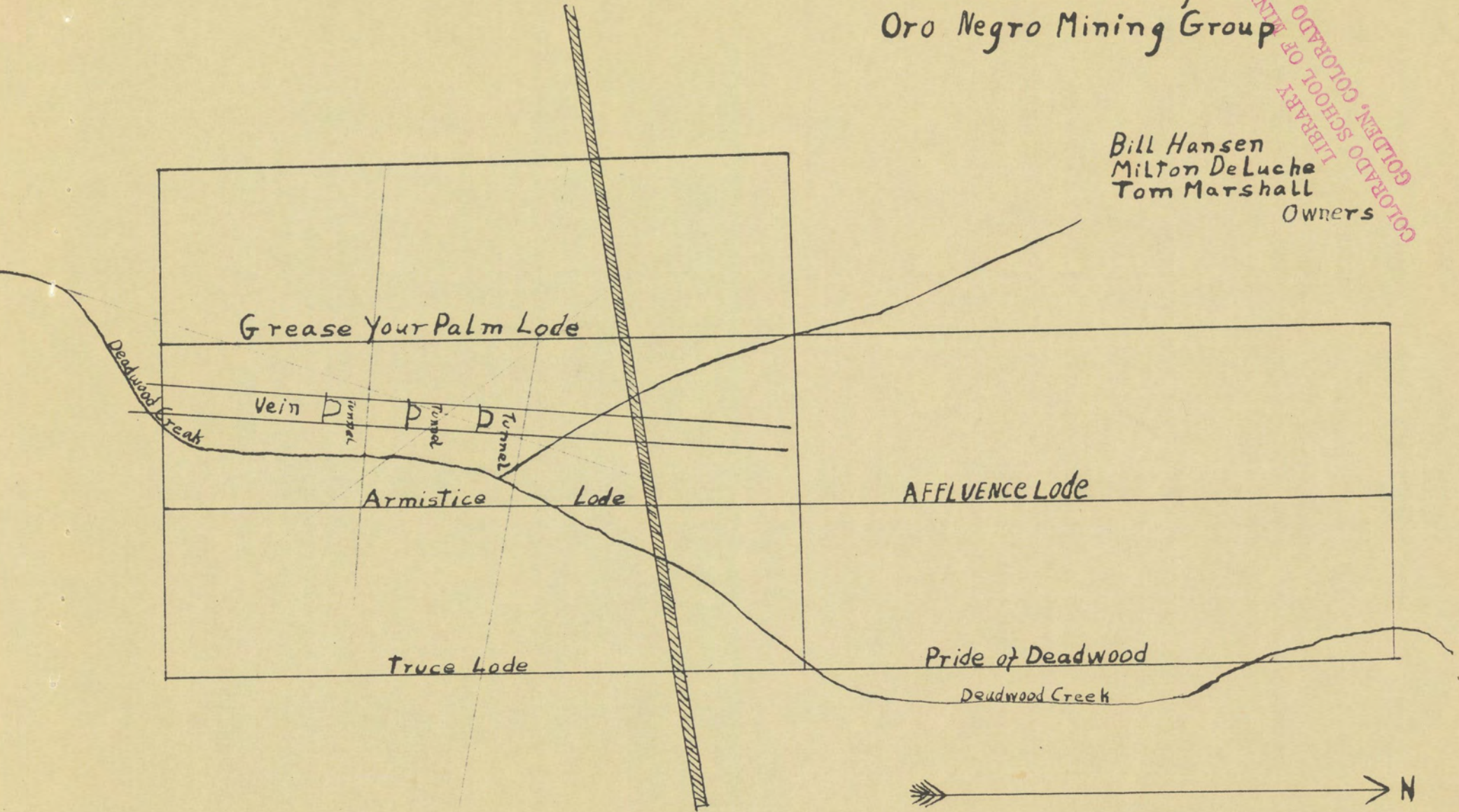
Stark O. Park, Engineer

Box 78
Durango, Colorado,
February 2, 1932

Sketch TRACING Oro Negro Mining Group

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Bill Hansen
Milton DeLuca
Tom Marshall
Owners



— Porphyry Dykes