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Sent to
W. G. SwartSan Jacinta
C. L. Dignowly

(294)

Item

REPORT ON SAN JACINTA MINING PROPERTY.

LOCATION: This property is located about eight miles north of Rye Patch which is a station on the Southern Pacific about twenty miles west of Humboldt, and twenty miles east of Lovelock, in Humboldt County, Nevada. Good, hard wagon road from mine to station over rolling country. Elevation at mine about four thousand feet, and three thousand six hundred at railroad station.

TITLES: This property consists of nine full mining claims, of twenty acres each, all connected. The title is possessory all having been complied with under the State and Federal Law. No conflicts whatever exist, nor any adjoining claims.

WATER: Abundance of good water has been developed at thirty-five feet in depth about two thousand feet west of the mine, which can be piped by gravity from surface at will to the mining properties, having a fall of about 100 feet.

FUEL: Rock Spring coal can be delivered at railroad station for eight dollars a ton, and for about eleven dollars at the mine. For ordinary fires sage and other brush abound in that section.

COMMODITIES: All supplies for mine and men can be brought from Lovelock twenty-five miles at a very reasonable rate, likewise miners and other laborers that may be required. Lumber delivered for \$30.00 per M at mine.

Mining men receive the regulated wages of \$4.50 per day, muckers \$2.50 for eight hours, less board which is furnished at \$1.00 per day by Company or operators.

ACCOMMODATIONS: There is sufficient house room for ten or twelve men, which would be made very comfortable with an outlay of about two hundred dollars for bunks and doors. All necessary cooking utensils and provisions would have to be supplied by company as well blacksmith outfit, tools, powder, candles, etc.

GEOLOGY: The mineral deposits are situated in low rolling, hogback hills which are made up of granite, slate and porphyry dykes, which has a dip of about thirty degrees to the south.

Amer. Zinc Co.

Walter Swart Files, Univ. Missouri

VEINS & MINERALIZATION: The veining occurs quite regular with strikes northeast and southwest, as well north and south, paralleling each other in quite regular form, and show to be true fissures in character, with dips to the south from thirty to eighty degrees, all mineral being of primary origin, and consisting of silver, lead and small percentage of gold.

DEVELOPMENTS: There has been done about three thousand feet of work within a radius of one half mile. At many points open cut tunnels and shafts has opened up the veins and ore deposits. The tunnels are from fifty to one hundred feet in length with but shallow depth. The two deepest shafts are seventy-five and one hundred and twelve feet apart. The seventy-five foot shaft has been tapped at the bottom by a 90 foot tunnel and with two drifts twenty-five and thirty feet East and West on the vein, all showing good ore from surface down and in the drifts.

The one hundred and twelve foot shaft encountered water at the bottom and has two drifts, one east fifteen feet and west thirty feet. The vein continues from surface to bottom of shaft and in drifts quite regular averaging about fifteen inches. This vein seems to be the principal one of that section with all indications of a contact between slate and granite walls, having a dip of about eighty degrees to the south. A careful average sample of this vein gave 71.60 ozs. in silver, 27% lead and 40% gold per ton. This vein gives strong evidence of large ore chambers deeper where the series of veins to the north are dipping fast towards this point.

From inquiry made at Salt Lake I find that this ore would net from forty to fifty dollars per ton, after deducting mining, hauling railroad rates, sampling and smelting charges.

There are about five or six carloads of lower grade ore at on the numerous veins, various points, that will net from fifteen to twenty dollars per ton as mined. From shallow works, that show the veins to be from one to three feet in width, that can be mined very cheaply. This class of ore will concentrate nicely. Every indication points that these veins will become richer and the veins larger with depth.

About five hundred feet north of these lead veins there is

. a very large vein running in same direction as the other which is traceable for several hundred feet on the surface. Samples taken from this vein gave 25 ozs. in silver per ton. I believe with depth this could prove of greater value.

The dipping of the veins to the south and to the north from both sides of the fissure between granite and slate are exceedingly promising that they will unite within three to four hundred feet and undoubtedly will form large bodies of rich lead and silver ore. Especially is this impressive at the intersection of the northeast and southwest veins with the north and south vein, east of the work done as the formation shows to be considerably disturbed, the granite and porphyry decomposed and making space or cavaties for ore chutes, chimneys or lenzes, no work having been done at any of these intersection points.

-RECOMMENDATION.-

After making a careful examination of this property as well inquiries from one of the owners who is a thorough mining man what the probable cost of mining the ore as now developed by simple method, he informed me that not to exceed Two (\$2.00) dollars per ton, and this can be transported to the railroad station for three dollars, as it is down hill and good road. A rate of not to exceed five dollars per ton would cover railroad charges to Murray, Utah,

Ten miners and one foreman, the miners at \$4.50 per day, the foreman \$5.00 per day who would also sharpen the tools, can be had at Lovelock, Nevada to work on this property. Three months would demonstrate what merits there were to this property, and the future plans thereafter. To do this would necessitate an outlay of not to exceed five thousand dollars, with full assurance of the return of this money and a large profit from the ore taken out, which would go to the owner of the property, less expenses.

The climate is all that could be desired for mining, and marketing of the ore through the year.

C. L. Dignowity

Salt Lake City, Utah,

Sept. 3rd, 1909.

SAN JACINTA

RYE PATCH

NEVADA.

Report recd from C. L. Dignowity, Salt Lake, Oct. 4, 1909.

1 claim 4 miles North of Rye Patch.

Good wagon road.

"abundance of water" 35' deep about 3000' west of mine.

Rock Springs Coal. about \$11⁰⁰ per ton at mine.

Miners \$4.50 per day.

Good Bunk Houses, etc

Granite slate + porphyry. Slate dips 30° N. Veins all dip together.

3000 ft. of work done: tunnels + shafts. Tunnels shallow. Shafts also.

One shaft 112' deep. 2 drifts, one East 15' one west 20'. Vein averages 15".

Average sample gave
Ag - 21 %
Pb - 22 %
Au - 40¢.

Two carloads on dump of this class - 10 to 15 cars of low grade.

About 500' north is another vein 5' wide, 20 to 25 ozs. Ag + 50¢ Au.

Thinks Ore can be mined for \$2.00. Hauled to R.P. for \$3.00.
Freight to Salt Lake = \$5.00.

W. R. Stanley, E.M. says vein will average 24" wide.

No stopping done.

Ore averages \$9.00 per ton.

Says ore can be mined + concentrated for \$4.00 per ton,
"leaving a profit of \$5.00 per ton" - I wonder how he
expects to have 100% of his values.

Says can put mill on property for \$15,000 which is sure to
make money.

Turned this down absolutely in letter to Dignowity, Oct. 9, 1909.

Denver, Colo., October 8, 1909. 465

Mr. C. L. Dignowity,
Alta Club, Salt Lake City, Utah.

Dear Sir:

I am returning herewith the report on the San Jacinta mining property near Rye Patch, Nevada. I do not think this will interest us at all as we are not looking for pure development propositions of this nature.

Let me call your attention to the statement made by Mr. Stanley, your engineer, on the last page of his report. He gives the average value of the vein as \$9.00; says it will cost \$4.00 to mine and concentrate, "leaving a profit of \$5.00 per ton". This is evidently an error, for I don't believe Mr. Stanley knows of any concentrator that will save 100 % of the values from any vein.

I have the matter of the Boulder Mine up with Mr. Wolff and will look it over at the earliest possible moment, reporting results to you. It certainly looks more promising at this stage of the game than the Nevada Mine.

Yours very truly,

WGg-P