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MINERAL
CO

TRM 46

PLATORO CORPORATION
SUITE 1
4344 E. INDIAN SCHOOL RD
PHOENIX, ARIZONA

(Nevada)

Mineral County

3 1/2 mi. N.W. of
Queen Station

Au Ag

REC'D
NOV 12 1920
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REPORT ON

THE R. & S. GROUP

MINERAL COUNTY, NEVADA.

GENERAL STATEMENT

PLACIDITIES

Examined Nov. 2 and 3, 1920.
Reported Nov. 12, 1920.

By A. F. Carper.

REPORT ON

THE R. & S. GROUP

MINERAL COUNTY, NEVADA.

LOCATION

T1N) R32E

This property is located in an unnamed mining district in Township 32 East, Range 1 North, in the southern point of Mineral County, Nevada, about $3\frac{1}{2}$ miles northeast of Queen Station on the Keeler Branch of the Southern Pacific Railroad, the nearest railroad station and postoffice.

CLAIMS

This group consists of four full claims known as the R&S., R&S No. 1, R&S No. 2 and the Friday claims.

OWNERSHIP AND TITLE

These claims were located in July, 1917, and are held by right of discovery and location by Mr. Al Stevens.

FACILITIES

Transportation. A fair road connects the property with Queen Station, a distance of $3\frac{1}{2}$ miles, or a railroad spur could be built about one-half mile south of the mine saving the three mile haul to Queen Station from the point where the road crosses the railroad.

Power. There is no power and very little wood. Fuel oil would be the only feasible power.

Water. Water for camp and mill purposes would have to be developed in the valley about one mile south of the property.

Timber. Some small scrub pine grows on the hills adjoining the claims, but not enough for any use by camp purposes.

TOPOGRAPHY

The hills are rather rugged and steep but do not raise to any great height. A tunnel on this property could gain 300 feet of backs by driving a tunnel about 600 feet long.

GEOLOGY

General. The general rock formation in this country is grano-diorite of a very basic character, with numerous intrusions of rhyolite and andesite. These intrusions follow a low range of hills running east and west. The rhyolite is very heavily stained with iron and makes the hills so red that the flows can be seen for miles.

Local. On the contact between the rhyolite and andesite the rocks have been replaced by calcite in places 500 feet wide. This calcite has been replaced with quartz carrying gold, silver and a small amount of copper and lead. These quartz replacements show no definite walls, and are possibly only kidneys. In the drift from the shallow shaft the ore bearing quartz is confined between two faults about 90 feet apart.

Ore Occurrence. The ore occurs in a very fine grained quartz replacing calcite. This replacement appears to have a strike of nearly east and west with a dip of 16 to 51 degrees to the north-east. From the work done it is impossible to tell the thickness of this quartz.

DEVELOPMENT

The development consists of a shaft 25 feet deep with a drift 90 feet long. One raise to the surface and a winze 25 feet deep. Beside this there are three small surface cuts.

EQUIPMENT

The equipment consists of two tent houses, blacksmith shop and some hand mining tools.

PRODUCTION

There have been shipped fifteen cars of ore from this property, reported to have settled for from \$15.00 to \$30.00 a ton.

SAMPLING

Samples were cut every 10 feet across the vein, at what was assumed to be right angles to the strike and dip.

PRICES AND TERMS

The purchase price for this property is \$60,000.00. Terms, \$2000.00 cash, balance in quarterly payments in a period of one year. Commissions to be paid to Mr. W.B. Welfitt by the owner.

CONCLUSIONS

Considering the limited length of the ore, the undefined condition in the replacement, and that only two samples from the drift showed pay samples, this property is not worthy of further consideration.

Respectfully submitted,

A. F. Carper

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