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Item 11

Reno, Nevada, December 8, 1937

To Mr. J. A. Fulton:

Re:- Joe Costa Quicksilver Property  
Simon, Nevada.

LOCATION:

This property is situated in Mineral County, Nevada, 3 miles northeast of Simon and 1 mile south of the Warrior group of mining claims.

PROPERTY:

Three mining claims, having common side lines, with their length east and west.

GEOLOGY:

The country rock is coarsely crystalline rhyolite that in part has been submitted to opalizing action which accounts for the presence of quicksilver as the mineral cinnabar.

ORE POSSIBILITIES:

At the time of the first examination samples were taken that indicated the property warranted some development work. One of these samples taken of the surface dirt over an area about 100 feet square showed quicksilver to the extent of 9 pounds per ton. Another sample taken from the face of a 12-foot tunnel assayed 110 pounds quicksilver per ton.

DEVELOPMENT WORK:

The above samples indicated that the property warranted some development work, so work was carried forward in the 12-foot tunnel until it had reached a point under about the center of the area showing 9 pounds of quicksilver per ton. This tunnel attained a depth of about 25 feet. Very small amounts of quicksilver were encountered in the tunnel, but not enough to make commercial ore, or to indicate that further development was warranted.

DEVELOPMENT:

The 12-foot tunnel was continued to a length of 74 feet, an advance of 62 feet.

CONCLUSIONS:

The development work showed that the cinnabar occurred in small bunches, widely scattered and that the possibility of developing any amount of commercial ore was small.

Concentration of the cinnabar by surface erosion would account for the fact that the surface dirt contained so much more cinnabar than the solid rock.

BERNARD YORK