

The Audrey 1320 0002

(86)

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The Audrey Placer in the Cuprite Mining District, Esmeralda County, contains 60 acres. It is thirteen miles in a southerly direction from Goldfield, Nevada. It is of easy access over a three-quarter mile mine road recently improved from the main Reno to Las Vegas Highway No. 95. This property is one of great possibilities as the ore body is one of clean white silica running about 99% Si O₂. The workings are approximately 350 feet above the level of the State Highway at point of entry. Not less than 375 feet of drifting 4' x 6' and 5' x 7' dimensions entirely in ore. There are also two glory holes, one from which not less than 1500 tons of silica has been removed. The ore has been cut on two levels and the shaft to the lower level is down about 40 feet still in solid ore with drifts started off to cut the ore beneath the glory hole. The visible depth of the ore body shown by actual sinking, drifting and raising, is not less than 80 feet. The ore is further exposed at lower levels and shows plainly where a bulldozer has bur through it in making recent improvements on the road. Many small test pits and prospect holes have been opened within a radius of 150 yards from the main dump, all showing continuity of the ore body. The ore that may be presently considered as blocked out is not less than 180,000 tons. There is a light over burden of 24 to 48 inches consisting of rubble and dirt as well as some ore. In view of the exposures of various points of examination it is reasonable to suppose that a continuous ore body of not less than 850,000 tons should exist with great possibilities of continuing to a considerable depth. Valuation shown on the Brookside Quarries, Inc. books is readily confirmed, estimating a value in place of the blocked out ore at 25 cents per ton. The value shown on the books is \$25,000 and such valuation should be considered low for this class of material, especially so in view of the fact that an unusually low cost operation can be conducted. This saving, however, might be offset somewhat by the fact that the railhead shipping point is about 113 miles distant on an excellent road.

There is some evidence shown that sulphur in elemental form may be found adjoining or possibly mixed with the silica at lower depths. It may be possible to confirm this partly by continuing the drift of the lower level for about 40 feet where it should cut the vertical thermal intrusion showing sulphur in the pure form on the surface. Presuming that a body of sulphur is cut at this level drilling should be conducted to determine if this body of sulphur ore is of sufficient size to warrant an operation. Note -- Sulphur is in short supply the world over and a substantial body could create a new large scale Nevada industry.

Silica in form as pure as is found in this deposit is in great demand at the West Coast Foundries for use as moulding material. It is also used in ceramics, brick and tile manufacture, the chemical industry, and the greatest user being glass manu-

WILLIAM H. GRAHAM
MINING ENGINEER
870 NORTH FERNWOOD AVENUE
LOS ANGELES 4, CALIFORNIA

facturers. It is quite likely than an operation conducted for the purpose of supplying the ceramic industry would require that a factory be located not further from the mine than the railhead.