

NAME OF PROPERTY

3840 0014

Humboldt Co.
Item 24

Idavada Mines, Inc.
E. D. Duke, President
Idavada Mines, Inc.
Ashton, Idaho

LOCATION

Unsurveyed Red Butte Mining District, Humboldt County, Nevada, about 25 miles from Jungo.

GEOLOGY

Areal geology consists of a dark coarse-grained diorite or gabbro intruded by lighter colored dikes, largely aplitic. In a persistent fault zone striking roughly north-south and dipping steeply west, a few quartz lenses have been formed which carry gold and copper values and some antimony in the form of stibnite. Original copper sulphides have been oxidized to azurite, which gives a mottled blue color to the ore. Copper-bearing quartz lenses occur along or close to the footwall of the fault gouge, which is 2 to 4 feet wide. The hanging wall of the gouge consists of a coarse fault breccia. As a result, the ground is heavy and the workings badly caved.

DEVELOPMENT

A 60-foot incline shaft has been sunk on this fault. The shaft is in barren gouge except for an extremely narrow short lens of quartz near the collar. At a depth of 40 feet a drift has been run to the north on the fault for a distance of about 50 feet. Twenty feet from the shaft a quartz lens begins, widens to about 12 inches, and pinches out at 40 feet from the shaft. The face of the drift is barren. Another drift has been driven north on the 60-foot level for a distance of about 50 feet. It reveals a similar, probably the same, quartz lens coming in at about 10 feet from the shaft and pinching out at about 40 feet. The face of the drift is in barren fault gouge. Two hundred feet south of the collar of the shaft an adit tunnel has been driven about 100 feet on the fault. At the portal is a short segment of a copper-stained quartz lens cut off on both ends by fault gouge. A crosscut adit tunnel, 153 feet vertically below the shaft collar, has been driven about 132 feet. Another 250 feet of driving is required to intersect the downward projection of the fault plane.

No ore reserves.