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NAME OF PROPERTY

Montezuma Gold Mining Co. - owner  
Irwin R. Hall, President  
119 Loma Avenue  
Long Beach, California

309

Item 95

LOCATION

Silver City Mining District, Lyon County, Nevada, about  $4\frac{1}{2}$  miles southwest of Virginia City and 4 miles northwest of Dayton, Nevada.

GEOLOGY

The areal geology consists of rhyolite flows which form, in certain areas in this district, the hanging wall of the Silver City branch of the Comstock Lode. This branch of the Comstock Lode is located about 2,000 feet westerly and strikes nearly

at right angles to the several parallel veins on this property, of which the King vein is apparently the most important. The King vein is a fault fissure containing quartz and replaced rhyolite. There is evidence of considerable post-mineral movement as the vein filling contains rounded material, broken and shattered quartz. Both hanging and foot walls are very heavy. The vein is oxidized to about the 65-foot level. The 100-foot level is in sulphides, pyrite and argentite predominating. At the 45-foot horizon in the 100-foot shaft described below, the vein is about 12 feet wide and at the 60-foot horizon a short crosscut shows the vein to be about 10 feet wide; the maximum width on the 100-foot level is about  $6\frac{1}{2}$  feet; on the west end of the 100-foot level drift, the vein has pinched to about 6 inches, all of which indicates that the sulphide-bearing quartz occurs in a lens within the fissure.

DEVELOPMENT

The King vein is developed by two vertical shafts and one adit tunnel. A third shaft was sunk to a depth of 180 feet with the intention of intersecting the King vein, but it was discontinued before the vein was cut. All development openings, with the exception of a 100-foot shaft, are inaccessible for examination. About 75 feet of drifting has been done each way from the bottom of the 100-foot shaft. The drifts are caved, but the backs are accessible for inspection.

No ore reserves.