

NAME OF PROPERTY

Governor Mercury Mine

2480 0005

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Item 6

James M. Curley - owner  
350 Jamaicaway  
Boston, Mass.

LOCATION

Ivanhoe Mining District, Elko County, Nevada, about 45 miles northeast of Battle Mountain.

GEOLOGY

Cinnabar occurring as stringers, spots, and disseminations in association with siliceous hot spring deposits of opalite and sinter. No structural continuity between the numerous opalite deposits has been found which might account for the general alignment of the deposits in zones.

DEVELOPMENT

Practically all of the cinnabar lies above the 50-foot horizon; consequently much of the development work has been done by stripping off a thin mantle of soil and overburden and by numerous trenches, pits, cuts, and short adits. In the south area of the West Ore Zone development in depth is effected by two shafts, one 130 feet in depth and the other 37 feet in depth; on the East Ore Zone two shafts reaching a depth of 30 feet. At the Sheep Corral a 25-foot incline shaft develops a vein-like structure which dips at 60°. Drifts on the structure extend 100 feet north and 35 feet south from the bottom of this shaft.

Ore reserves: About 5,000 tons carrying about  $5\frac{1}{2}$  lbs. of mercury per ton.