

NAME OF PROPERTY

0450 0018

228

Item 18

Harvey Mine

J. Cunningham - lessee  
1307 East Windsor Road  
Glendale, California

LOCATION

Fluorine Mining District, Nye County, Nevada, about 8 miles east of Beatty.

GEOLOGY

Cinnabar occurs in a chimneylike structure formed at the intersection of a fault fracture and a cross fracture in opalite and a loose siliceous sinter. The opalite itself occurs in a dolomitized limestone formation. The chimneylike form decreases in cross-sectional area with depth, as shown by the mine workings. The cinnabar also shows considerable dilution with pyrite at depth.

DEVELOPMENT

By a main adit tunnel several hundred feet in length driven in such a manner as to encircle the ore chimney. At an elevation of about 20 feet below the main adit tunnel a sublevel has been driven to outline the ore chimney. The two levels are connected by an incline drift and a 20-foot winze has been sunk below the floor of the sublevel. Presumably the better ore has been mined out during prior years. The old raises and stopes are caved and inaccessible. Sampling of the accessible mineralized exposures from the open development work indicates an average of 1.4 pounds of mercury per ton.

Ore reserves conjectural.