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UNITED STATES BUREAU OF MINES

(137) (45)
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Item 110

PRELIMINARY EXAMINATION REPORTState Nevada County Humboldt Mineral Products MercuryName of property Cahill Mercury MineOwner Mrs. Jack Cahill Address 100 Court St., Reno, NevadaLessee or
Operator Corders Mining Co. Address _____Location Warm Springs Mining District, Humboldt County, T. 40 N., R. 40 E., about 51 miles
northeast of Winnemucca. Roventy PX D.I.

Two samples taken assay 11.5 and 20.2 pounds of mercury per ton.

History and production Located and developed a number of years ago, but did not produce until 1940. In 1940 and 1941, 600 flasks of mercury were produced. Ore reserves were exhausted and production discontinued. Present operations confined to development work.

Type Deposit (Goeolgy) Rocks in area include Treassic limestones striking N. 35° E. dipping 47° NW., interbedded with thin sections of shale and quartzite. Formations are broken with two sets of shearing, one strikes and dips with formation, the other strikes N-S and dips 47 W. Mineralization occurs at intersection of the two sets of shearing.

Mine Workings Ore occurs as small shoots, irregularly spaced in shear zones. Workings consist of two adits, 300 and 600 ft. long, one 40 foot vertical shaft and several small open cuts, 50 to 100 ft. in length.