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## UNITED STATES BUREAU OF MINES

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Item 9PRELIMINARY EXAMINATION REPORT

State Nevada County Pershing Mineral Products Tungsten  
Name of property Pershing Tungsten Mine  
Owner Leopold P. Meyer Address 1914 W. Bronsen Ave., Los Angeles, California  
Lessee or  
Operator Rare Metals Corp. Address Lovelock, Nevada.  
Location Sections 13, 14, 24, T. 25 N., R. 25 E. in Nightingale Mining District, 40  
miles southeast of Lovelock, Nevada.  
Average of assays of samples taken shows 0.46%  $WO_3$  per ton.

History and production The property originally owned by Ewing Smoot and E. W. Dingee was bought by Mr. Meyer in 1942. It was operated during World War I, and several hundred tons of ore were mined but never shipped. Five tons were shipped to Los Angeles for testing.

Type Deposit (Geology) The main tungsten deposit is a scheelite bearing mass of dark silicate rock formed from limestone by intense metamorphism at the contact with granodiorite. The main ore body is about 80 feet long, 80 feet wide and 75 feet deep striking N. 30 W. and dipping 60 SW.

Mine Workings The main workings consist of three adits. The upper adit is located about 40 feet below the crest of the hill. It is 80 feet long and has 20 feet of crosscuts. The middle adit is 40 feet below the upper adit, is 115 feet long, with an east crosscut 27 feet long and a west crosscut 30 feet long. The lower adit is 40 feet long, now used as a powder magazine.