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STATE OF NEVADA

Item # 18

JOHN A. FULTON, DIRECTOR

Bureau of Mines



BOX C, UNIVERSITY STATION

MACKAY SCHOOL OF MINES
RENO, NEVADA

August 15, 1935

MINING LOG OF NORTHERN NEVADA TRIP,

OF

Jay A. Carpenter, Mining Engineer, and Wm. I. Smyth, Metallurgist,

Aug. 2-12 Incl., 1935

By

Jay A. Carpenter

Pittsburgh Red Top

The producing lease on this property is that of Vernon Clark, J. E. Street and R. G. Kirk. They are not leasing in the old mine but on a small gold-quartz vein that had been previously opened up by surface cuts, and a 90 ft. tunnel to the vein. A solving of a fault lead these new leasers into a new orebody. The driving of a new lower tunnel 120 ft. to the vein opened

up another ore shoot, that is now stoped for 60 to 80 ft. in length, and 30 ft. high. The vein is 6 in. to 1 ft. wide. The softer wall is broken first for stope fill, then the ore broken on plank and canvas. Drifting is in progress to pick up a shoot of sulphide showing in a winze in the upper tunnel. The vein has a N 30° W strike and is nearly vertical. All drilling is by hand. Mr. Street at 73 years of age is the drift expert. Clark varies stoping with close assaying of faces, and sorted ore. Shipping ore is stone boated down a plus 30 percent grade to a shipping platform. Up to 1935, ~~then~~ they had shipped 40 tons averaging 10 oz. gold per ton. Their first car this year was 40 tons of 6.6 oz. gold and 10 oz. silver ore netting them, after all deductions including royalty, \$6443.00. Their success has resulted in two new sets of leasers starting work on the property.