

B W. Pine Co.  
S18, 12N) 69E Big Wash

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Item 2

The Big Wash property consists of 5 unpatented claims situated on the south slope of an eastward-trending ridge on the east slope of the Snake Range, 16 miles west of the small settlement of Garrison, Utah and 67 miles southeast of Ely, the supply and shipping point on the Northern Pacific Railroad.

Rocks in the area consist of thin-bedded blue and gray limestone that strike east-west and dip south 20° to 40° with the slope of the hill. The sediments, about a mile northwest of the property, are intruded by a small granitic stock. A nearly vertical east-trending dike, about 20 feet thick, cuts the formations 500 feet north of the principal pit workings.

The tungsten mineralization as scheelite occurs in quartz seams as scattered crystals that vary in size from  $\frac{1}{4}$  to 1 inch. The mineralization is not restricted to any particular set of fractures nor is there a localization within a particular bed, and not all of the quartz seams are scheelite-bearing.

In the pit workings, the limestone are broken by numerous quartz-filled fractures that strike northeast to east with steep dips north.

The fractures carrying scheelite are thin and too widely spaced to provide for a high-grade mining operation, and the intervening rock carries too little disseminated scheelite to mine as large scale low-grade operation.

The assay results of samples taken from the better mineralized sections varied from 0.04 to 6.75 percent  $WO_3$  that averaged less than 1.0 percent  $WO_3$ .

Development workings on the property consist of 5 open cuts of varying depth, and length, 2 shafts, 10 and 17 feet deep, a northward-trending adit 130 feet in length, and a large pit area 360 feet long and 60 feet wide.

From the pit area about 500 tons of selected and sorted ore were produced and shipped that contained less than 1.0 percent  $WO_3$ , during 1916 and 1917. No production is reported since that time.

USBM unpublished rept. White Pine Co., Big Wash Sec. 18, T12N, R69E Owned by John E. Osborne

The Big Wash property consists of 5 unpatented claims situated on the south slope of an eastward-trending ridge on the east slope of the Snake Range, 16 miles west of the small settlement of Garrison, Utah and 82 miles southeast of Ely, the supply and shipping point on the Northern Pacific Railroad.

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