

3460 0006 W. Pine Co.
S23-24, 14N, 67E

Dirty Shirt

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Item 7

The Dirty Shirt property consists of 4 unpatented lode claims situated on the west slope of the Snake Range, $\frac{1}{2}$ mile north of Mary Ann Canyon and 39 miles southeast of Ely, the supply and shipping point.

Tungsten as scheelite occurs in a quartz-filled vein which cuts limestone and quartzite. The sediments strike N. 15° E. and dip 35° W. The general trend of the vein is about N. 45° E., dipping 45° N. The upper workings expose a single vein about 10 feet thick, with a metadiabase dike of similar thickness on the hanging wall side. Several quartz veins are exposed in the underground workings that vary in thickness from thin stringers to widths of 20 feet. These veins roughly follow the metadiabase dike.

Scheelite crystals varying in size from $1/8$ inch to over an inch in diameter are disseminated in the quartz, and in places as small streaks and patches. As exposed in the shaft workings the ore was restricted to a narrow sheet 2 to 7 feet thick that rakes steeply northeast. This sheet was mined from a point 50 feet below the collar of the shaft to the bottom of the shaft. No scheelite mineralizations occur in the lower adit workings.

Development openings consist of an inclined shaft 96 feet deep from which a 35-foot drift at the bottom was driven southwest 35 feet and a northwest drift driven 10 feet northeast on the 85 foot level.

At a point 180 feet below the shaft collar a crescent adit 650 feet in length was driven northeast to undercut the shaft workings. This adit followed the same vein system exposed in the upper workings, but no scheelite-bearing quartz lenses were encountered.

Samples taken on the property averaged between 1.5 and 2.0 percent WO_3 , while ore in the richer pockets contained 5.0 percent WO_3 .

Production amounted to 90 units of WO_3 from 82 tons of ore mined in the inter of 1941-42 and about 30 units from 15 tons mined in the winter 1942-43.

No work has been done on the property since 1946.

USBN Unpubl. data, 1963

Tungsten as scheelite occurs in a quartz-filled vein which cuts limestone and quartzite. The sediments strike N. 12° E. and dip 35° W. The general trend of the vein is about N. 45° E., dipping 45° SW. The upper workings expose a single vein about 10 feet thick, with a metadiabase dike of similar thickness on the hanging wall side. Several quartz veins are exposed in the underground workings that vary in thickness from thin stringers to widths of 20 feet. These veins roughly follow the metadiabase dike.

Scheelite crystals varying in size from 1/8 inch to over an inch in diameter are disseminated in the quartz, and in places as small streaks and patches. As exposed in the shaft workings the ore was restricted to a narrow shoot 2 to 7 feet thick that takes steeply northeast. This shoot was mined from a point 50 feet below the collar of the shaft to the bottom of the shaft. No scheelite mineralizations occur in the lower adit workings.

Development openings consist of an inclined shaft 96 feet deep from which a 35-foot drift at the bottom was driven southwest 35 feet and a northwest drift driven 10 feet northeast on the 55 foot level.

At a point 180 feet below the shaft collar a crescent adit 650 feet in length was driven northeast to undercut the shaft workings. This adit followed the same vein system exposed in the upper workings, but no scheelite-bearing quartz lenses were encountered.

Samples taken on the property averaged between 1.5 and 2.0 percent WO_3 while ore in the richer pockets contained 5.0 percent WO_3 .

Production amounted to 90 units of WO_3 from 82 tons of ore mined in the inter of 1941-42 and about 30 units from 15 tons mined in the winter 1942-43.

USBM unpublished rept. White Pine Co. Dirty Shirt Sec. 23, 24, T14N, R67E Owned by J. R. Henry,
Walter M. Spencer

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west slope of the Snake Range, $\frac{1}{2}$ mile north of Mary Ann Canyon and 39 miles
southeast of Ely, the supply and shipping point.

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