

No ore was developed on the 200 foot level. Small amounts of informed
ore remains above the 165 foot level and may contain 0.5 percent WO_3 .

W. Pine Co.
S13, 14N, 67E

Black Mule

335

Item 10

The Black Mule mine is located about $1\frac{1}{2}$ miles southwest Gilded Age Mining Company's mill on U.S. Highway No. 6, about 35 miles east of Ely.

The mine was originally operated for gold and some high-grade ore was removed from a narrow quartz vein. Following the discovery of tungsten in the mine, it was operated for a short time by the Nevada-Massachusetts Co. Later it was controlled and operated by the Gilded Age Mining Co. R.E. Morganau, Grass Point, Michigan, general manager.

The workings consist of a 211 foot shaft from which levels have been turned on the 100-150 and 200 foot levels. Underground development in the form of drifts, cross-cuts and raises approximate 935 feet.

The country rocks are a series of thin bedded limestones and shaly limestone that strike N. 26° E. and dip 52° NW. A mass of granite crops out 600 feet to the south. The sediments have been faulted and along one of the fault planes a quartz vein 3 inches to a foot in width has been formed. Schorlomite occurs in the quartz vein and in-shoots in the vein at places where the vein is intersected by other small faults. In addition to the ore shoots in the quartz veins, schorlomite occurs in altered limestone adjacent to the quartz veins. Most of the minable schorlomite ore came from the altered sections in the limestone, in areas that have been broken and brecciated by faulting.

Most of the schorlomite ore, now removed, came from a circular section 8 to 10 feet in diameter that raked 30° to the SW.

Production in 1942, amounted to 307 tons that contained 1.0 percent WO_3 .

The mine has no ore in sight, but additional development may disclose ore of minable grade. No work has been done on the property since 1942.

BLM Patent. Claims
(Feb. 82)

3460 CO08

PIERMONT MINING DISTRICT
(WHITE PINE COUNTY)

336

<u>SUR. NO.</u>	<u>NAME OF CLAIMS</u>	<u>Entry Ad.</u>	<u>OFF. NO.</u>	<u>SEC.</u>	<u>TP.</u>	<u>RG.</u>	<u>PAT.</u>
37	Piermont	E 163	853	28	19 N.,	66 E.	Pat.

The Black Mule mine is located about $1\frac{1}{2}$ miles southeast Gilded Age Mining Company's mill on U.S. Highway No. 6, about 35 miles east of Ely. **ITEM 10**

The mine was originally operated for gold and some high-grade ore was removed from a narrow quartz vein. Following the discovery of tungsten in the mine, it was operated for a short time by the Nevada-Massachusetts Co. Later it was controlled and operated by the Gilded Age Mining Co. R.E. Morganna, Grass Point, Michigan, general manager.

The workings consist of a 211 foot shaft from which levels have been turned on the 100-150 and 200 foot levels. Underground development in the form of drifts, cross-cuts and raises approximate 935 feet.

The country rocks are a series of thin bedded limestones and shaly limestones that strike N. 26° E. and dip 52° NW. A mass of granite crops out 600 feet to the south. The sediments have been faulted and along one of the fault planes a quartz vein 3 inches to a foot in width has been formed. Scheelite occurs in the quartz vein and in-shoots in the vein at places where the vein is intersected by other small faults. In addition to the ore shoots in the quartz veins, scheelite occurs in altered limestone adjacent to the quartz veins. Most of the minable scheelite ore came from the altered sections in the limestones, in areas that have been broken and brecciated by faulting.

Most of the scheelite ore, now removed, came from a circular section 6 to 10 feet in diameter that raked 30° to the SW.

Production in 1942, amounted to 567 tons that contained 1.0 percent WO_3 . The mine has no ore in sight, but additional development may disclose ore of marketable grade. No work has been done on the property since 1943.