

4940.0001

(18)  
Item 1 23

Rocks exposed in the vicinity of the mine are limestone which is steeply tilted near the granite contact. In places the limestones are invaded by granite fingers that extend westward from the granite mass. The ore as scheelite occurs disseminated and as small crystals in the silicified areas associated with garnet, epidote quartz and minor amounts of copper as carbonates.

Estimated production is about 9,700 tons which were selectively mined and sorted to a grade of 0.5 to 0.7 percent  $WO_3$ .

USBM Unpubl. Data (1963)  
Hilltop

(18)

(21N, 38E  
Churchill Co.)

The Hilltop mine of the Tungsten Mountain Mining Co., comprises 14 unpatented lode and ore placer claims located in north-eastern Churchill County about 95 miles by road east and north of Fallon.

Rocks exposed in the area include shales and limestones which have been intruded by a stock of granite. In places, these formations are overlain by rhyolite tuffs, flows and agglomerates. Along the granite contact the shales have been metamorphosed to hornfels, and the limestones marbleized. The ore bodies are small irregular tactite layers. Scheelite occurs disseminated in tactite and also in seams along fractures in tactite and hornfels.

This property discovered in 1953 was actively prospected until the shut-down in 1956. A small tonnage of ore was produced for mill testing purposes. Under favorable conditions it is possible a small tonnage could be produced from the property.