

3990 0002

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41

~~Pods of tactite containing sparse crystals of scheelite occur on the contact of light-gray porphyritic granite and massive fine-grained limestone. The contact trends east-west and dips 80° north. Scheelite mineralization occurs in pods that vary from a foot to 6 feet in diameter. The grade varies from a trace to 0.52 percent WO_3 . From these pods, 60 tons were produced that averaged 0.2 percent WO_3 .~~

~~(Esmeralda Co.)~~~~S34, 4N, 36E~~McCoy

(100)

Item 2

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The McCoy tungsten deposit, also known as the Rock Hill mine, consists of 13 unpatented lode claims located in the Columbus Marsh mining district, 21.5 miles south of Mina.

Rocks exposed in the mine area are limestones that strike east-west and dip 50° to 55° north. Many quartz veins varying from 4 inches to 2 feet in width occur in the mineralized zones paralleling the sedimentary formations. The only granite outcrop is a mile east of the property.

Scheelite mineralization occurs in the quartz veins associated with pyrite, muscovite, and fluorite, and as disseminated crystals in silicified limestone that vary in size from specks to $\frac{1}{2}$ inch long. Some scheelite occurs as thin coatings along fractures.

In addition to numerous surface cuts and pits in 2 silicified zones 400 feet apart, the north zone was explored by a 30 foot adit that bears S. 15° W., and a 20 foot shaft.

From the north zone 300 tons of tungsten-bearing material was selectively mined and sorted that averaged 0.21 percent WO_3 .