

1910 0017

The Ansonia Mines Co., property consists of 8 unpatented lode claims, *Item 20*

known as the Ansonia 1-3; Detroit, Teniente and the Tungsten 1-3, situated in the low hills near the valley floor, 5 miles northwest of Gabbs. The property was leased to the El Capitan Mining Co. in 1954. Underground development with a small production of ore continued until the fall of 1956, when operations were suspended.

The country rock is granodiorite in which dolomitic limestone remains as a pendant. In the mine area, the limestone has been folded, along the granite contact and has altered to narrow bands of tactite adjacent to aplite ribs in the granite.

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The ore bodies consist of narrow, elongated lenses of tactite which are localized in shallow troughs in limestone adjacent to the granodiorite contact. Scheelite occurs in these areas as closely spaced parallel layers 1/8 to 1 inch thick. The principal gangue minerals are calcite, muscovite, and biotite. Quartz, pyrite, epidote, garnet, molybdenite, siderite and limonite are present locally but are not significant constituents of the ore.

Development openings consist of a shallow shaft from which drifts and crosscuts were extended along the contact. From these workings small stopes were extended.

An undisclosed tonnage of ore containing 2.5 percent WO_3 was treated in a custom plant at Gabbs.

USBM Unpubl. data, 1963