USBM Unpubl. data, 1963 (207) Item 12

feet of the granodiorite-limestone contact, but in places the contact is obscured by surface overburden.

4190 0012

Adjacent to the granodiorite, the limestone has been altered to a narrow zone of tactite, which is prominently exposed in an outcrop for a distance of 400 feet. This zone, 3 to 6 feet wide, practically vertical, strikes with the limestone beddings N.65°E. In this altered zone, scheelite mineralization occurs associated with garnet, epidote, quartz and minor amounts of pyrite finely disseminated, in shoots 3 to 6 feet wide at minor fault intersections. Elsewhere along the altered zone there is little or no tungsten mineralization.

Development openings consist of 2 adits 16 and 130 feet in length and a 20 foot surface trench 10 feet deep.

Assay results of samples indicate the better mineralized section contains 0.2 percent WO_3. No tungsten has been produced or shipped from the property.

(207)

(Mineral Co.)

4190 0012 S32+34, 8N, 34E : Peterson

The Peterson property also known as the Emma group, consists of 15 unpatented claims, situated about 8 miles east of Luning, the shipping point.

Rocks in the area are limestone which has been intruded by a stock of granite. Adjacent to the intrusive granite the limestones have been metamorphosed to tactite in a wide belt that trends ½ mile to the northwest. On the east end of the property, a 150 foot cross-cut adit exposes a rib of tactite mineralized with scheelite along the length of the cross-cut. Sampling indicates this width of altered material contains about 0.3 percent WO_3. From a surface cut ½ mile west of the adit, 100 tons were mined for mill testing that averaged 0.86 percent WO_3.

The property has been inactive since 1951.