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(Mineral Co.)
S33, 8N, 35E Iron Gate

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The Iron Gate tungsten prospect consist of 3 unpatented lode claims known as the Saddle, Velvet, and Iron Gate, situated in a narrow canyon on a northwest spur of Volcanic Peak, $6\frac{1}{2}$ miles southeast of Luning.

Rocks exposed in the area are limestone which has been invaded by a granodiorite stock. The Velvet and Iron Gate claims cover about 2,100 feet of the granodiorite-limestone contact, but in places the contact is obscured by surface overburden.

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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.

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 $\frac{1}{2}$ mile to the northwest.