

unpublished rept. White Pine Co., Poljack Sec. 30, T14N, R68E Owned by Nick Poljack

The Poljack property consists of 2 unpatented claims known as the Wolframite No. 1 and No. 2 situated 3/4 miles east of Ray Spring on the northwest flank of Mount Wheeler, about 40 miles southeast of Ely, the supply and shipping point on the Nevada Northern Railroad.

The Tungsten Mining District, formerly known as the Hub, was organized

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in the same region in 1900. Tungsten claims were developed and from 1904 to 1916 development and production of tungsten was intermittently carried on.

The first location on the Poljack property, known as the Jack Pot claim, was made by Pete Bremer in September 1939. A small amount of work was done by Bremer in the search for gold. After Bremer's death the ground was relocated by Mr. Poljack in July 1950. The only work done by Mr. Poljack was for location and assessment purposes.

Rocks exposed in the area consist of Cambrian quartzites and argillites that strike about east-west and dip at low angles south. On the property these formations have been intruded by a plug of granite porphyry.

Tungsten mineralization, as wolframite, occurs as disseminated small crystals and as thin seams in a quartz vein that strikes N. 72° E. and dips 82° N. As exposed in the adit, the vein varies in thickness from 2 to 4 feet. In places, and especially on the hanging wall side, the tungsten mineralization extends for short distance into the granite. In addition to the principal vein, there is a parallel vein about 75 feet south of the main vein that averages about 8 inches thick.

In both veins tungsten as wolframite occurs in the quartz veins associated with varying small amounts of fluorite, pyrite, and scheelite. Gold and silver are also present in small amounts.

Development openings on the property consist of a shallow adit 25 feet in length and a 20 foot cut, which are 500 feet apart.

The results of samples taken on the property varied from 0.02 to 0.04 percent WO₃ for a width of 2 feet. No tungsten has been produced or shipped from the property.