

3070 0023

Pershing Co.
S2, 33N, 34EForge

(282)

Item 23

The Forge property consists of 9 unpatented lode claims known as the Gold Corn, Lucky Boy, and Silver Dollar groups of 3 claims each. They are situated on the south flank of the Eugene Mountains, about 7 miles northwest of Mill City, where loading facilities are available on the Southern Pacific Railroad.

The claims are underlain by medium-grained granodiorite which has been intruded by dikes of hornblende and andesite. The oldest rocks in the area are a series of metasediments consisting of brown hornfeld, tactite, and blue and white mottled limestone. This series strikes N.5° to 10° E. and dips 83° or more to the east. Faults of small displacement offset the beds of this series.

2 tactite beds are exposed. 1 is 23 feet wide and 60 feet long. It consists of garnet, small amounts of epidote, calcite, quartz, and scheelite. The second bed, several hundred feet to the east, averages less than 6 feet and consists of epidote and quartz, with minor amounts of garnet and scheelite.

Scheelite mineralization occurs in irregular zones in the limestone and in the 2 tactite beds. The scheelite in the altered zones in the limestone is fine-grained, while in the 2 tactite beds it is coarse-grained. The narrowest tactite bed contains stringers of scheelite, also crystal clusters and isolated crystals scattered throughout the bed. The scheelite in the widest bed occurs in sparsely scattered crystals.

Development openings in the scheelite-bearing area consist of an inclined shaft, 3 short adits, and a number of pits and trenches.

The assay results of samples taken from the better mineralized areas indicate an ore grade of 0.5 percent WO_3 .

No tungsten ore has been produced or shipped from the property.

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USBM Unpubl. data,