

0430 0043

Ruby Range

323

Item 43

Bald Mountain DIST.

Scheelite in taectite was found in 1916 on the southwest slope of Bald Mountain, about 8 miles south from Hastings Pass (also known as Overland Pass and Ruby Pass). No production was made until 1942, when A. H. Garrett leased the D. A. Dees property and built a small mill that was operated for only a short time.

According to E. S. Larsen¹, "The rocks of the district are chiefly

¹Hess, F. L., and Larsen, E. S., Contact-metamorphic tungsten deposits of the United States: U. S. Geol. Survey Bull. 725-D, p. 306, 1922.

Paleozoic sediments, mostly limestones but with some quartzites. The sediments are intruded by a body of granite porphyry about 4 miles long and 1.5 miles wide at its southern part but narrower to the north. The district has been prospected for many years, and veins of gold-bearing quartz carrying pyrite, stibnite, and chalcopyrite are present in the granite porphyry, replacement copper ores occur in the limestone, and copper and tungsten have been found in the contact-metamorphic zones."

The Dees property of 11 unpatented claims is on the north side of Water Canyon, 0.5 mile north of the former post office of Jay. Scheelite is found in 3 small pendants of fine-grained contact rock surrounded by granite. The pendants are a short distance east of

the main contact between granite and limestone of the Pogonip formation, and the beds in the sedimentary and metamorphic rocks strike north and dip gently east. Exposures in trenches, pits, and short adits are sufficient to show that the 3 pendants are rudely circular bodies 50 to 100 feet in diameter. Diopside is the principal mineral in the tactite, and is accompanied by garnet, quartz, carbonates, mica, and amphibole. Most of the rock exposed contains scheelite, and the content of WO_3 ranges from 0.5 to 1.5 percent, with an average of about 1.0 percent. The scheelite is mostly finer than 60 mesh, and is distributed in closely spaced bands parallel to the beds.

Another occurrence of scheelite in tactite is south of Water Canyon on the August Munter claims, about a mile distant from the Dees property. Very little work has been done on the claims, and the exposures remain as they were when examined by Larsen in 1917.

Hess, F. L., and Larsen, E. S., Contact-metamorphic ^{tungsten} deposits of the United States: U. S. Geol. Survey Bull. 725-D, p. 306, 1922.
