

(Elko Co.)
S16-17, 45N, 56EGarnet

The Garnet tungsten property consists of 9 unpatented lode mining claims situated in the Island Mountain Mining district north central Elko County, about 18 miles by road east of Mountain City.

Rocks exposed in the area comprise shales and limestone which are interbedded with thin sections of quartzite. These formations strike northwest and dip 60° southwest, and are in contact with granodiorite that forms the ridge to the east. From the intrusive core, dikes and sills of granodiorite extend westward into the sedimentaries. Along the intrusive contact, the sedimentaries have been metamorphorized in a belt 50 to 100 feet wide, which is traceable by outcrops for a distance of 6,000 feet. In the altered zone the silicified rocks are chiefly garnet with varying small amounts of epidote and quartz. Scheelite mineralization appears to be more concentrated in a silicified zone 15 to 20 feet wide adjacent to the granodiorite contact. In this zone the scheelite occurs as fairly large crystals and finely disseminated bands parallel to the structure. From this better zone and toward the hanging wall, there is a diminishing gradation of the mineralization.

Development on the property included surface trenching, diamond drilling, and underground openings that total more than 1,000 feet in 2 adits about 100 feet apart vertically. In these workings a reserve block of 224,000 tons is indicated that may average 0.5 percent WO_3 . Notungsten has been produced from the property.