

S 29-30, 38N, 48E(?)

Granite Creek

(Humboldt Co.)

S. of 136

Item 50

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The Granite Creek mine, owned by the Getchell Mine Inc., consists of 3 claims situated about 22 miles northeast of Golconda and 8 miles south of the Getchell mine.

A body of limestone more than 1,000 feet thick, which is interbedded with several zones of argillite comprise the sedimentary rocks in the area.

These formations strike northeast and dip southeast, while the contact between the granodiorite stock and the sedimentary rocks trend generally east-west. In places the contact is parallel to the bedding for distances of several hundred feet. Numerous dikes of granodiorite extend into the sedimentary rocks for distances up to 600 feet.

Discontinuous bodies of tactite occur along the granodiorite contact for a distance of more than 2,000 feet. Scheelite mineralization is unequally distributed in the tactite, and is absent from much of the contact rock.

The largest and most continuous scheelite-bearing tactite layer is on the eastern end of the deposit. On surface, this layer is 230 feet long, 10 to 45 feet wide, and was mined to a depth of 200 feet.

The mine workings include adits at 3 levels connected with ore passes from 2 glory holes. Tactite bodies in the central and western parts of the area are explored by short adits, pits, and trenches.

Production from the eastern area amounted to 137,498 tons that averaged 0.46 percent  $WO_3$ .

A few tactite zones in a distance of 2,000 feet west of the main workings are possible orebodies, but they need more development to ascertain their worth.

The property was worked during the period 1951 to 1957. Production figures for this period are not available.

USBM Unpubl. data, 1963