

(Mineral Co.)
S. 1/4, NW/4 of 7N,
38E

Victory

SE of 140
Item 7

MNG

Item 7

0500 0038 The Victory tungsten property consists of 6 unpatented claims known as the Carnet group situated on the east flank of the Pilot Mountains about 22 miles by road east of Mina, the shipping point.

Rocks exposed in the vicinity include gray to almost white crystalline limestones that strike N. 28E. and dip 15° northwest and which have been intruded by dikes and sills of granodiorite. Adjacent to the granodiorite contacts, the limestones have been metamorphosed and altered to tactite in 4 parallel zones, varying from 6 to 14 feet in thickness. The zones, about 15 feet apart, strike and dip with the inclosing limestones. They are exposed in outcrops for a distance of 100 feet. On the west they contact granodiorite, and on the east they terminate against a large fault that strikes N. 20° W. and dips steeply east.

The lower or principal tactite zone, 14 feet thick, has been developed by a pit 100 feet long, 51 feet wide and excavated to a depth of 30 feet. Near the center of the zone an inclined shaft follows the dip of the beds in a northwest direction for a distance of 60 feet. On the west contact an altered zone 2 feet wide has been followed in a trench for 20 feet.

The principal ore minerals are scheelite and powellite, associated with small amounts of molybdenite and pyrite, which occurs finely disseminated in a gangue of epidote and garnet, and in a limonite gangue along well-defined perpendicular slips 2 to 6 inches thick at places where the tactite has been crushed and oxidized.

Samples taken from development openings indicate an average tungsten content of 0.68 percent WO_3 .

From a pit operation from development heading, 700 tons were treated in a dry concentrator that yielded 210 units of WO_3 .

The property has been idle since 1945.

USBM Unpubl. data, 1963