

TheCowboy claims, 25 miles due south from Yerington, are reached

from Wellington by following the Dalsell Canyon road 12 miles south-

east to Wiley, then turning 5 miles east on the Sand Canyon road.

PINE GROVE HILLS

They are in the Wellington quadrangle, approximately in T. 9 M.,

R. 25 H. Schoolite was discovered by Drew Wilson and Norman Annatt,

rosettes of powellite pseudomorphous after molybdenite.

Posite until they have been explored more intensively. In 1943, it was estimated from available exposures that 18,000 tons of tactite containing 0.4 to 0.5 percent of MOg could be mined from shallow work-ings within 50 feet of the surface.

who shipped lotons of ore to the Toulon mill in 1941, and 112 tons averaging 0.79 percent of WO3 (88 units) to Metals Reserve Co. at Salt Lake City in 1943. In 1943, workings consisted of 2 short adits with a total length of 800 feet, and numerous trenches and pits.

Bodrock exposures in the area are poor, and contacts are obscured by talus and soil mantle. Tactite containing scheelite has
been found at widely separated localities in an arguate contactmetamorphic sone that extends for a length of about 1.5 miles. The
exploratory work done is not sufficient to prove that any of these
tactite outerops are parts of large ore bodies.

bend of marble 25 to 75 feet wide. The marble band is invaded irregularly from the west and south by quarts monsonite which contains
many inclusions of schist and hornfels in masses as large as 180 feet
long and 50 feet wide. These inclusions do not appear to be rotated
by the quarts monsonite invasion, and the bedding in them is roughly

NO

is in contact with guessic quarts diorite. The contact is conformable with the marble, although the quarts diorite is intrusive into the marble. In places the quarts monscrite cuts through the marble and extends into the quarts diorite.

The most extensive mineralisation appears to be on the Cow-

boy No. 5 and No. 6 claims in the central part of the contact belty

Fig. 121. Geologic mass and sections of Them Court of Words and No. 6

Lyon County, Neuada. Part of tungsten claims,

The principal exploratory work has been done in this area. For a

distance of 1,000 feet thin layers of tactite occur irregularly a long both sides of the marble band, and in places near dikes or faults larger masses of tactite extend all the way across the marble. In general the tactite masses appear small and lenticular. The commetent of NO3 is variable and ranges from nothing to 1.0 percent.

The average content in minable bodies is 0.4 to 0.6 percent.

The scheelite is fine-grained, and fluoresces pale yellow,

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suggestive of/appreciable molybdenum content. It is accompanied by