

PAUL TOTE CLAIM (Gold)

Quartzburg District

Quartzburg Area

The Paul Tote Claim now known as the Midnight Claim is owned by A. W. Ward and is part of the Minty Group (which see).

PRESENT NEED MINE (Gold)

Quartzburg District

Quartzburg Area

Owner: Scotty Ross, Prairie City, Oregon.

"The Present Need Mine is on the West Fork of Dixie Creek about a mile above the forks and a few hundred feet below the Keystone workings. No activity has been reported at this mine since 1912, and none of the workings were accessible in 1930. It was under lease to Ed Gifford, who planned to open and unwater the drifts. The property has been described as follows by Lindgren (01:710):

The Present Need was located about 10 years ago (1890) and has since been worked on a small scale, the ore being calcined in a kiln and then reduced in an arrastre. The developments consist of a crosscut tunnel 100 feet above the creek level and 200 to 300 feet of drifts. The country rock is diabase, but the crosscut has exposed a narrow, greatly contact-metamorphosed series of diabase tuff with a general east-west direction. The vein strikes N.20° E. and dips 70° ESE. Like the other veins in the district, it is not traceable for a long distance. The width is 2 to 3 feet, indicated by fissures in the hard diabasic rocks. The ore occupies from 4 inches to 2 feet of this width and consists of solid quartz with heavy sulphurets in irregular intergrowth. There are pyrite, hard and yellow, softer yellowish gray marcasite, and a little chalcopryrite, zinc blende, and galena. This ore is very rich, and the pyrite often contains free gold. It assays from 6 to 25 ounces silver and 4 to 5 ounces in gold per ton, a total value of about \$100. With the imperfect extraction used, only about two-thirds of this amount was saved. The ore occurs in two shoots on the vein, both dipping 65° S. on the vein; the shoots are 70 feet long and are separated by a barren zone of 70 feet.

"Since the time of Lindgren's examination the vein has been exploited to a point just above the level of the creek".

This property is inactive. H.K.L. (10/31/40).

Reference: Gilluly, Reed and Park 33:93 (quoted).

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