

*Josephine County
Galice Dist.*

TRADE DOLLAR PROSPECT

Location and history: The Trade Dollar prospect is at the junction of the Looney Mine and Mt. Reuben roads on the east slope of the east fork of Whisky Creek in sec. 23, T. 33 S., R. 8 W.

The early history of the prospect is unknown. Ed Romig of the Gold Bug mine completed a short tunnel in the early 1930's. Hugh Scott and Elton A. Youngberg relocated the prospect in 1941 and completed about 75 feet of trenching and some sampling to locate extensions of the exposed ore bodies; results were not conclusive. No work has been done on the prospect since 1942. There has been no production.

Geology: The prospect lies near the contact between gabbro and greenstone. Small areas of serpentine crop out in the vicinity of the Trade Dollar prospect in or near major shear zones. Gold values are in a siliceous fine-grained greenstone body of undetermined shape overlying gabbro. The greenstone is sheared and broken with thin, iron-stained gouge seams. Northwesterly trending shears dip steeply to the south. Apparently the mineralized greenstone terminates against gabbro a few feet below the no. 2 adit (see fig. 3, pl. 4 opposite p. 27). No. 1 adit, 20 feet below, is entirely in gabbro. A composite of three samples across 18 feet of the west wall of no. 2 adit averaged 0.12 ounce to the ton in gold. Three samples taken from no. 3 adit also averaged 0.12 ounce to the ton in gold.

The mineralized zone has not been exposed below the zone of oxidation. Free gold may be panned from the iron-stained gouge seams. It appears that the gold was liberated by the oxidation of pyrite.

Economic considerations: Not enough work has been done on the prospect to determine the limits of the gold-bearing greenstone. No gold values have been found in the no. 1 adit which is entirely in gabbro. The no. 2 and no. 3 adits show gold values averaging about 0.12 ounce to the ton. Extension of the ore body to the northwest and southeast will have to be proved by further underground development. The presence of a major shear zone 50 to 100 feet east of the present workings indicates that this block of greenstone may be only a segment of the original body.

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Report by Elton A. Youngberg
Dept. of Geology & Mineral Industries Bull. 34, pp. 27 & 29, 1947.

~~Present owner (1970) EW Crooks, Galice Route 1~~
BUD COVERDALE 1977-1979

