

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

BIMETALLIC AND GOLDBUG CLAIMS (zinc, copper) Little North Santiam District

Owner: John Hart heirs.

Location: In unsurveyed sec. 18, T. 8 S., R. 5 E., Marion County. These claims are reached by a trail about 2 miles long from the road at Gold Creek which is about 23 miles by road E. of Mehama.

Area: 2 claims.

Topography: The area is mountainous. Elevations in the bed of the creek in this locality are from 2,000 to 2,500 feet with slopes rising steeply to over 4,000 ft.

Development: The Bitmetallic tunnel is 290 ft. long. The Gold Bug is 170 ft.

Geology: On the west side of the creek the Bimetallic tunnel follows the vein which trends N. 30°W. and dips 80 degrees SW. The country rock is diorite, with considerable sericite near the vein. Vein material consists of brecciated country rock, vuggy quartz, and the usual sulphides, especially chalcopyrite, with pyrite predominating.

The Gold Bug tunnel on the east side of the creek is presumably on the same vein which has a strike of S. 40°E. and is nearly vertical. The vein matter consists of brecciated andesite, in places 2½ ft. wide, with lenticular streaks of quartz 1 to 10 inches thick, containing some sulphide, principally sphalerite and pyrite.

Reference: Callaghan and Buddington, 38:89.