

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Blue Bull Group

Fields Area

Harney County

Owners: M. M. Doan, Ora Doan, and D. E. Wheeler, all of Fields, Oregon.

Location: Located on North fork of Willow Creek in Sec. 24, T. 39 S., R. 34 E., W.M.

Area: Five unpatented claims.

Development: 60-foot 60 degree incline shaft. A 50-foot drift striking due N from the shaft 40 feet from collar of shaft.

Geology: The shear zone on which the development has been done strikes north and south and dips 65° to the east. The ore minerals containing mercury are cinnabar and livingstonite and occurs in a narrow mineralized zone varying from 3 inches to one inch in width. Azurite and malachite are found associated with the cinnabar minerals, hence the name Blue Bull.

North 30° west and 300 feet from the shaft there is a prominent silicified dike which strikes N 35° E and dips vertically. Traces of cinnabar are found in this dike.

Remarks: No work is being done on this property at present. There is no water or timber on the property.

Property visited on August 16, 1941.

Hugh K. Lancaster,
Field Engineer
September 4, 1941.