



EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 1

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
SHEAR ZONE
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):
TRENCHES AND POST HOLES

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI
HOST ROCK TYPES..... SCHISTOSE METAVOLCANICS

LOCAL GEOLOGY
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: APPLGATE GROUP
AGE: PERM-TRI

GENERAL COMMENTS
LITTLE DEVELOPMENT

GENERAL REFERENCES
1) ODGMI UNPUBLISHED FILES, GRANTS PASS FIELD OFFICE

May 15, 1942

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

LAUREL CLAIMS (quicksilver, scheelite)

Upper Applegate area

Owner: E. S. Noe, Jacksonville, Oregon.

Location: SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 40 S., R. $\frac{1}{2}$ W., about 275 feet above Brush Creek, at an elevation of 3200 feet, and about 500 feet northeast of the Rainbow scheelite claims.

Area: Two claims, the Laurel and the First Hole.

History: Recent development.

Development: Several trenches and numerous post holes. The largest trench is about 20 feet long and 10 ft. high at the back

Topography: Brush Creek is deeply incised and hillsides have an average slope of 40°. Brush (manzanita) is heavy; timber is scarce; there is some water available during part of the year. Snowfall is light and seldom remains more than a few days at a time.

Geology: The country is metavolcanic and there is a band of metasediment a short distance to the east (Wells 40). Field inspection indicates that the rock may be metasediment. It is well sheared and almost schistose in places. In general the rock is deeply weathered and softened. While no fresh rock was seen in the cuts it does outcrop over portions of the hill.

No data on rock structure could be gotten from the trenches. Some cinnabar is found in the altered rock, particularly in the larger trench. An assay of 7 lbs. is reported from this cut. Mr. Noe states that he has gotten some scheelite "tails" from some of his panning, but no scheelite was seen at the time of the visit.

Portions of the area have been quite thoroly tested by post hole augering. It is reported that all of these holes showed some evidence of cinnabar.

The presence of cinnabar in small amounts at the Mitchell property on the opposite side of Brush Creek, and at the Rainbow claim of George Murphy, and at this property suggest that there is a possibility that the area has been invaded by low-grade cinnabar solutions and certain amounts of cinnabar were deposited. Further prospecting is recommended to attempt to discover a higher-grade source of the cinnabar, or to prove out the value of the low-grade deposit.

Reference: Wells, Geologic Map of Grants Pass quadrangle, 1940.
Report by: RCT 5/14/42, (visited)