

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

WEST EVANS CREEK COPPER

REPORT BY: E.A. Yougberg
DATE: September 30, 1944

Gold Hill Area, Jackson Cty.

Owner: Mr. Reid of Grants Pass, Oregon.

Location: Three and one-fourth miles up the West Fork of Evans Creek on the East Bank at water level. Discovery cut is covered by water during rainy season. Large log, approximately 4 feet in diameter has fallen across stream at point of discovery.

Topography: The area is steep. The mountain slopes are 30 to 40 degrees on each side of the creek.

History: Discovered in 1942 or 1943.

Geology: The ore occurs in seams and cleavage planes in a sheared zone about 100 feet wide, which strikes approximately north and south. One fracture striking about N 10° E cuts the sheared zone and dips about 20° to the S.E. This fracture is somewhat more heavily mineralized than other parts of the sheared zone. Minerals seen were chalcopyrite, pyrite, and quartz. In places where oxidation had taken place some bornite and chalcocite were seen.

The country rocks were greenstones, probably meta-gabbros. The ore carried about \$3 in gold in a specimen sample and several percent copper.

Economics: Not enough of an area has been exposed to make an appraisal of the size of the property. Appears too low in grade to be of economic value unless further extensions can be found.

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WEST EVANS CREEK GOLD

REPORT BY: E.A. Youngberg
DATE: September 30, 1944

Gold Hill Area, Jackson Cty.

Owner: Fred Ried of Grants Pass, Oregon.

Location: The vein is exposed on the road bank 4.15 miles up the West Fork of Evans Creek Road. Range 3 W., Township 34 S., Section 10, NE $\frac{1}{4}$.

Area: The topography is steep. The vein is exposed on a road cut on a bluff overlooking the West Fork of Evans Creek.

History: The prospect was located in 1943.

Development: No work has been done on the vein.

Geology: The vein is in a sheared zone about 8 feet wide. On the S.W. wall is about 6 inches of mineralized gouge and quartz. Values are said to be between \$3 and \$4. The wall rocks is a meta-gabbro (mapped as greenstone). Strike of vein in approximately S. 60 E.

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M020185
 RECORD TYPE..... X1M
 INFORMATION SOURCE... 2
 MAP CODE NO. OF REC..

REPORTER

NAME..... FERNS, MARK L. (BROOKS, HOWARD C.)
 AFFILIATION..... DDGMI
 DATE..... 81 05

NAME AND LOCATION

DEPOSIT NAME..... WEST EVANS CREEK COPPER

MINING DISTRICT/AREA/SUBDIST. GOLD HILL

COUNTRY CODE..... US
 COUNTRY NAME: UNITED STATES

STATE CODE..... OR
 STATE NAME: OREGON

COUNTY..... JACKSON
 DRAINAGE AREA..... 17100308 PACIFIC NORTHWEST
 PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
 LAND CLASSIFICATION..... 00

QUAD SCALE QUAD NO OR NAME
 1: 62500 WIMER (1954)

LATITUDE LONGITUDE
 42-37-22N 123-02-27W

UTM NORTHING UTM EASTING UTM ZONE NO
 4718700 496650 +10

TWP..... 034S
 RANGE..... 003W
 SECTION.. 10
 MERIDIAN. WILLAMETTE

LOCATION COMMENTS: AT WATER LEVEL, 3 1/4 MILE UP THE WEST FORK OF EVANS CREEK

COMMODITY INFORMATION

COMMODITIES PRESENT..... CU AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):
CHALCOPYRITE, BORNITE, CHALCOCITE, PYRITE

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 1
PRESENT/LAST OPERATOR..... FRED RIED (1943)

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VOLCANOGENIC?
FORM/SHAPE OF DEPOSIT:

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

DESCRIPTION OF WORKINGS
SURFACE

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... TRI?
HOST ROCK TYPES..... METAGABBRO

PERTINENT MINERALOGY..... QUARTZ

GENERAL COMMENTS
LITTLE INFORMATION AVAILABLE

GENERAL REFERENCES

1) YOUNGBERG, E.A., 1944, WEST EVANS CREEK COPPER; OD&MI UNPUBLISHED FILE REPORT