

RECORD IDENTIFICATION

RECORD NO..... M061866
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDGM 100-150A
MAP CODE NO. OF REC..

REPORTER

NAME..... SMITH, ROSCOE M.
DATE..... 78 08
UPDATED..... 81 01
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... COPPER BELL
SYNONYM NAME..... COPPER STANDARD

MINING DISTRICT/AREA/SUBDIST. GALICE

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

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

COUNTY..... JOSEPHINE
DRAINAGE AREA..... 17100310 PACIFIC NORTHWEST
PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 GALICE

LATITUDE LONGITUDE
42-30-06N 123-31-28W

UTM NORTHING UTM EASTING UTM ZONE NO
4705400. 456900. +10

TWP..... 35S
RANGE..... 07W
SECTION.. 23
MERIDIAN. WB & M

LOCATION COMMENTS: NE 1/4

COMMODITY INFORMATION

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

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 4

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LODE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):

200 FEET OF WORKINGS IN SHORT TUNNELS AND SHAFTS.

PRODUCTION

YES

SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OREBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 ORE	EST	0000.050	TDN	1957	

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR

HOST ROCK TYPES..... GREENSTONE

PERTINENT MINERALOGY..... QUARTZ

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: ROGUE VOLCANICS

AGE: JUR

GENERAL REFERENCES

1) RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100, 45?

State Department of Geology and Mineral Industries

Preliminary Report

1069 State Office Building
Portland 1, Oregon

COPPER BELL MINE

Josephine County
Galice District
GRANTS PASS

Owners: Fred A. Vargas and Tom Moloney, both of Grants Pass. Leased to Kindell B. Weir (1957)

Location: The tunnel is located on Panther Gulch in the NE $\frac{1}{4}$ of sec. 28, T. 35 S., R. 7 W., at about 1350 feet elevation. The mine is reached via the road up Pickett Creek. About 1.4 miles from Robertson Bridge a road branches to the right up the hill to a flat area and around on a contour to the west (left) leads to the mine which is a distance of 1.2 miles from the Pickett Creek road.

Area: 3 claims, unpatented -- Copper Bell 1, 2, and 4.

Workings: A 65-foot tunnel (The Reddy tunnel) trends S. 65° W. into the southwest bank of Panther Gulch. A 16-foot shaft about 30 feet in from the portal was filled with water and planked over at time of visit. An old caved shaft is located just across the creek and another short tunnel is located about 100 yards up the creek just under the placer ditch. An open cut and a caved tunnel are reported about 900 feet north of the main tunnel with good showings of copper. This is on the No. 1 claim and was not visited at this time.

Geology: The country rock is a partially recrystallized metavolcanic rock. It resembles a chlorite schist adjacent to the vein. Chalcocopyrite is the only copper mineral recognized. It occurs disseminated in the quartz vein along with minor amounts of pyrite and pyrrhotite. Some portions of the vein are strongly magnetic. The vein appears to be a normal fissure vein with some evidence of replacement. It varies from less than 2 to about 6 feet in width in the length of the tunnel. The

vein strikes about N. 45° E. and dips 60° SE/ A 6½-foot chip-sample taken from the face of the tunnel (P-21127, RG-164) assayed 2.10 percent Cu, Au - Nil; and Ag - Nil.

About 30 tons of rock and low grade ore were stockpiled at the mine in preparation for shipping. Another outcropping of the vein is reported on the south side of the ridge about ¼ mile from the tunnel, but this was not visited due to lack of time.

The short tunnel located up stream contains minor indications of similar mineralization.

Visited: 4/23/57 P.M.

Report by: L.R. 5/9/57

Informants: Ken Weir and owners. - Fred Vargas reported that Weir made a shipment of 20 tons of low grade material to the Tacoma Smelter the first week in May.

Reference: Geologic map of the Galice quadrangle by Wells, F.G., and others, 1953.

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
 2033 First Street Baker, Oregon 1069 State Office Building Portland 1, Oregon 239 S.E. "H" Street Grants Pass, Oregon

REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein as fully as possible and submit this blank filled out along with the sample.

Your name in full Len Ramp (DOGAMI)

Post office address P. O. Box 417 Grants Pass, Oregon

Are you a citizen of Oregon? Yes Date on which sample is sent 4-24-57

Name (or names) of owners of the property Fred A. Vargas & Tom Maloney

Are you hiring labor? _____ Are you milling or shipping ore? _____

Name of claim sample obtained from Copper Bell Mine

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Josephine Mining District Grants Pass

Township 35 S Range 7 W Section 28 Quarter section NE

How far from passable road? At end Name of road Panther Gulch Rd. off Pickett Creek Rd.

Channel (length) Grab Assay for Description

Sample no. 1 Chip 6 1/2 Ft. Au, Ag, Cu across face 65' tunnel on vein.

Sample no. 2 _____
 (Samples for assay should be at least 1 pound in weight)

(Signed) Len Ramp

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description Quartz and greenstone (chlorite schist) with disseminated chalcopryrite.

Sample number	GOLD		SILVER		COPPER			
	oz./T.	Value	oz./T.	Value	Cu			
P-21127 RG-164	N11	--	N11	--	2.10%	---	---	---

Report issued _____ Card filed _____ Report mailed 5-14-57 Called for _____