

SPECTOR PROSPECT (copper)

Josephine County  
Grants Pass District

Owner: Robert Cornett, Grants Pass.

Location: South part secs. 32 and 33, T. 35 S., R. 7 W. about 1,850 feet elevation on a hillside south of Pickett Creek. Workings are close to and may straddle the section line approximately 1,300 feet south of the  $\frac{1}{4}$  corner.

Development: A tunnel heading south into the hillside is about 150 feet in length (did not get back to face as we had no light) and a few old open cuts above and just east of the tunnel. The largest cut above the tunnel is about 10 feet wide and 10 feet deep but badly sloughed. Three smaller cuts are located down and around the hill to the northeast within 100 feet of the main cut.

History of the prospect is not known by the writer.

Geology: The mineralization appears to lie along the contact of serpentine and altered volcanic rocks of the Galice Formation. The contact trends NE and dips E. In places narrow bodies of gabbro lie along the contact between the band of serpentine on the west and the altered volcanic rocks to the east.

Mineralized rock seen in a small ore pile at the open cut above the tunnel is mainly a gossan and consists of a highly weathered mixture of limonite and clay with some residual magnetite and chalcopyrite and with fairly abundant malachite on the fractures. No unweathered ore was seen on the dumps and no ore was seen in place. It was not determined whether the tunnel encountered any ore.

A sample of selected material from the ore pile submitted by the owner and assayed by the department (ABG-227) contained nil gold, 0.60 oz./ton silver, and 13.55% copper. In order to better evaluate this prospect the main cut should be cleaned out so as to expose ore in place. It may also be advisable to clean the rotted timbers and sloughed rock from the tunnel and examine the face to see if it has penetrated the contact zone. Soil sampling along the contact with geochemical tests for copper may also be advisable as other occurrences appear to be aligned along the same contact. They include the Contact Group in sec. 28 and the Copper Bell in SE $\frac{1}{4}$  sec. 21, T. 35 S., R. 7 W.; and the Buckeye Mine in sec. 30, T. 36 S., R. 7 W.

Visited: 2/13/68 with Steve McTimmonds.

Report by: Len Ramp 2/15/68.

References: Kerby Geologic Map, Galice Geologic Map, and Mine File reports.

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RECEIVED  
FEB 23 1968

STATE DEPT. OF GEOLOGY

2-13-67

PM. W. Steve McTimmonds To

Spector Cu prospect SW 1/4 sec.  
(Owner Robert Corbett. loc. Dec 1967)

33 T. 35 S. R. 7 W. about 1850' el  
small cuts on contact and  
Tunnel on west side comes  
in underneath

Lower rock = serpentine &  
metagabbro upper rock = gneiss

(?) ~~over~~  
workings partly in sec 32



← "steves-  
holly" (uprooted tree)

CRIB MINERAL RESOURCES FILE 12

## RECORD IDENTIFICATION

RECORD NO..... M061867  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 DEPOSIT NO..... ODGMI 100-196A  
 MAP CODE NO. OF REC..

## REPORTER

NAME..... SMITH, ROSCOE M.  
 DATE..... 78 08  
 UPDATED..... 81 04  
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

## NAME AND LOCATION

DEPOSIT NAME..... SPECTOR

COUNTRY CODE..... JS

COUNTRY NAME: UNITED STATES

STATE CODE..... OR

STATE NAME: OREGON

COUNTY..... JOSEPHINE

DRAINAGE AREA..... 17100309 PACIFIC NORTHWEST

PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 41

QUAD SCALE

1: 62500

QUAD NO OR NAME

SELMA

LATITUDE

42-28-48N

LONGITUDE

123-32-31W

UTM NORTHING

4703000.

UTM EASTING

455450.

UTM ZONE NO

+10

TWP..... 35S

RANGE..... 07W

SECTION.. 32 33

MERIDIAN. WB &amp; M

ALTITUDE.. 1850

LOCATION COMMENTS: S 1/2

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):  
POTENTIAL.....  
OCCURRENCE..... AG

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
CHALCOPYRITE, MAGNETITE

ANALYTICAL DATA (GENERAL)  
DDGMI SAMPLE ASSAYED NIL AU; 0.6 OZ/TON AG; 13.55 % CU

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VOLCANOGENIC GOSSAN  
FORM/SHAPE OF DEPOSIT:

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

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):  
150 FOOT ADIT

PRODUCTION

NO PRODUCTION  
23                                  SAMPLE                  PRE-1978                  13.55 CU, 0.6 AG

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR  
HOST ROCK TYPES..... GREENSTONE AND SERPENTINE

IMPORTANT ORE CONTROL/LOCUS.. CONTACT

LOCAL GEOLOGY

COMMENTS (GEOLOGY AND MINERALOGY):  
GOSSAN ALONG CONTACT

GENERAL REFERENCES

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