

Sept. 13, 1941

702 Woodlark Building  
Portland, Oregon

JUBY LODE (cinnabar)

Upper Applegate area

Mr. Crawford was told about the presence of cinnabar in the surface dirt by old prospectors in the area. Crawford staked the claims, and moved in with a bulldozer to clean off areas of bedrock to determine the source of the cinnabar.

In addition, he ran a short tunnel in the overburden, just above bedrock, doing in effect "bedrock drifting" to prove the presence of cinnabar nuggets "as big as your thumb".

Surface pans show finely divided cinnabar at the surface. He then bulldozed off sizeable areas uphill from the tunnel and found that the bedrock was shot full of tiny stringers of cinnabar, but could find no areas that would permit economic mining of cinnabar. Neither did he find the source of the coarse cinnabar.

There is no evidence to justify a recommendation of where to dig, or in what direction to follow any of these tiny stringers to uncover a sizeable body of cinnabar. One could start at any point any open up a tunnel, but there is no indication of what would be found.

The tiny stringers do not indicate a sizeable orebody. It was then suggested that he continue trenching above the tunnel in an effort to find the upper limit of the coarse nuggets. When the upper limit is found, then to begin cleaning bedrock in an effort to locate the source of the coarse material.

The prospect does not ~~XXX~~ look promising to me. If a person has the time, the money, and the inclination, to worry around the place, digging here and there, like hunting for a gold pocket, it may be that he will be rewarded with the discovery of a "cinnabar ledge". However, there is insufficient evidence to justify one telling Crawford exactly how to continue his exploration.

I think Crawford is very unhappy because I was lacking in sufficient intelligence to spot the exact place and direction that he should dig to find a big ore body.

Ray C. Treasher,  
Field Geologist,  
September 13, 1941.

RECORD IDENTIFICATION

RECORD NO..... M055851  
RECORD TYPE..... XIM  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... BAILEY, E. H.  
MAP CODE NO. OF REC..

REPORTER

NAME..... PETERSON, JOCELYN A.  
DATE..... 76 08  
UPDATED..... 81 02  
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... JUBY LODGE

MINING DISTRICT/AREA/SUBDIST. UPPER APPLGATE

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

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

COUNTY..... JACKSON  
DRAINAGE AREA..... 17100309 PACIFIC NORTHWEST  
PHYSIDGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS  
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME  
1: 62500 RUCH

LATITUDE LONGITUDE  
42-02-33N 123-06-29W

UTM NORTHING UTM EASTING UTM ZONE NO  
4654300.0 491050.0 +10

TWP..... 040S  
RANGE..... 003W  
SECTION.. 31  
MERIDIAN. WILLAMETTE

LOCATION COMMENTS: SW/4 SEC

COMMODITY INFORMATION

COMMODITIES PRESENT..... HG

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV.

2  
PROPERTY IS INACTIVE  
WADE CRAWFORD, 1963

PRESENT/LAST OWNER.....

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VEINLETS, FRACTURE COATINGS, NUGGETS  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

COMMENTS (DESCRIPTION OF DEPOSIT):

CINNABAR OCCURS AS THIN VEINLETS, FRACTURE COATINGS, AND OCCASIONAL NUGGETS ALONG FRACTURES IN THE AMPHIBOLITE AND AS CRYSTALLINE SPECKS IN QUARTZ AND CALCITE VEINLETS

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):

3 SHORT ADITS AND SEVERAL OPENCUTS

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... LTRI  
HOST ROCK TYPES..... AMPHIBOLITE  
IGNEOUS ROCK TYPES..... QUARTZ DIORITE DIKES

PERTINENT MINERALOGY..... QUARTZ, CALCITE

IMPORTANT ORE CONTROL/LOCUS.. FRACTURES IN AMPHIBOLITE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: APPLGATE GROUP

GENERAL COMMENTS

RECORD NUMBER (M013871) HAS BEEN MERGED WITH THIS RECORD AND DELETED FROM THE OREGON FILE.

GENERAL REFERENCES

1) BROOKS, H. C., 1963, QUICKSILVER IN OREGON: OREGON DEPT. OF GEOLOGY AND MINERAL INDUSTRIES, BULL. 55, 223 P.