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 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.
CRfB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO. .......... M055E51
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 Code

MINING DISTRICT/AREA/SUBDIST. UPPER APPLEGATE

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

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

COUNTY......................... JACKSON
DRAINAGE AREA................. 17100009 PACIFIC NORTHWEST
PHYSIOGRAPHIC PROV........... 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

THP..................... RANGE................ SECTION.. ...
040S........................... 003W................ 31

MERIDIAN................ LOCATION COMMENTS: SW/4 SEC
WILLAMETTE

COMMODITY INFORMATION
COMMODITIES PRESENT.......... HG
EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV.  2
PROPERTY IS INACTIVE
PRESENT/LAST OWNER...... WADE CRAWFORD, 1963

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 (DESCRIPTION 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: APPLEGATE GROUP

GENERAL COMMENTS
RECORD NUMBER (MO13871) 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.