

September 18, 1942

State Department of Geology and Mineral Industries

RED STAR CINNABAR

702 Woodlark Building
Portland, Oregon
Upper Applegate Area

Beautiful, high-grade cinnabar specimens came from this prospect, from the "bunch" mentioned in the report. About a ton of this high grade was sorted and stockpiled. Since then, it has disappeared. Cinnabar now is visible along narrow zones, associated with calcite. Widths are too narrow to mine, and no samples were cut. There are rumors of "boulders" of high grade having been found farther down the hill.

From these stories, and the observed data, it seems that this locality has been invaded by calcite and cinnabar. Deposition was affected in small veinlets with minor replacement of wall rock. Occasionally, the ore "bunches" and produces a small pocket of high-grade.

I can see no probability of a sizeable operation here until enough development work is done to show the "pattern" of ore deposition. Two men might prospect it, and have a very small retort to recover the "quick" until such time as something definite shows. This is the substance of my oral recommendations to Mr. Mee.

Ray C. Treasher
Field Geologist
9/18/42.

CONFIDENTIAL

RECORD IDENTIFICATION

RECORD NO..... M055854
RECORD TYPE..... X1M
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..... RED STAR PROSPECT

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
PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 TALENT

LATITUDE LONGITUDE
42-00-35N 122-58-09W

UTM NORTHING UTM EASTING UTM ZONE NO
4650650.0 502550.0 +10

TWP..... 041S
RANGE..... 002W
SECTION.. 17
MERIDIAN. WILLAMETTE

ALTITUDE.. 4800

LOCATION COMMENTS: W/2 NW/4 SEC

MAIN COMMOD..... HG

ORE MATERIALS (MINERALS, ROCKS, ETC.):
CINNABAR

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2
PROPERTY IS INACTIVE
YEAR OF DISCOVERY..... 1938
BY WHOM..... EUGENE MEE, JOHN O' BRIEN
PRESENT/LAST OWNER..... DONALD O'BRIEN, 1963

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MINERALIZED FAULT ZONE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

PRODUCTION

NO PRODUCTION

PRODUCTION COMMENTS..... BAILEY INDICATES 10 FL PRODUCED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI
HOST ROCK TYPES..... CHLORITE-EPIDOTE SCHIST

PERTINENT MINERALOGY..... CALCITE VEINS UP TO 3 INCHES WIDE CUT WALLS OF FAULT

IMPORTANT ORE CONTROL/LOCUS.. FAULT ZONE TRENDING N5E

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: APPELEGATE GROUP
AGE: PERM-TRI

SIGNIFICANT LOCAL STRUCTURES:

JOINTS

SIGNIFICANT ALTERATION:

SLIGHT HYDROTHERMAL ALTERATION