

RIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M054991
 RECORD TYPE..... XIM
 COUNTRY/ORGANIZATION. USGS
 MAP CODE NO. OF REC..

REPORTER

NAME..... PETERSON, JOCELYN A.
 DATE..... 76 08
 UPDATED..... 81 03
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... CRONE
 MINING DISTRICT/AREA/SUBDIST. QUARTZ MOUNTAIN
 COUNTRY CODE..... JS
 COUNTRY NAME: UNITED STATES
 STATE CODE..... OR
 STATE NAME: OREGON
 COUNTY..... LAKE
 DRAINAGE AREA..... 18020001 CALIFORNIA
 PHYSIOGRAPHIC PRJV..... 12 BASIN AND RANGE
 LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
 1: 62500 FISHHOLE MTN.

LATITUDE LONGITUDE
 42-19-26N 120-48-14W

UTM NORTHING UTM EASTING UTM ZONE NO
 4687850.0 680950.0 +10

TWP..... 037S
 RANGE..... 016E
 SECTION.. 34
 MERIDIAN. WILLAMETTE

LOCATION COMMENTS: NE/4 NE/4 SEC 34, LOCATION APPROXIMATE

COMMODITY INFORMATION

COMMODITIES PRESENT..... HG

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

MAIN DRE MINERALS:
CINNABAR

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2
PROPERTY IS INACTIVE
YEAR OF DISCOVERY..... 1936
PRESENT/LAST OWNER..... NORMAN CRONE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
MINERALIZED FRACTURE ZONE
FORM/SHAPE OF DEPOSIT:

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

DESCRIPTION OF WORKINGS
SURFACE AND UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):
WORKINGS NOW CAVED

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... TERT-QUAT
HOST ROCK TYPES..... SILICIC LAVAS AND PYROCLASTIC ROCKS

IMPORTANT DRE CONTROL/LOCUS.. CINNABAR IS FINELY DIVIDED IN OPALITE BOULDERS WHICH PROBABLY ARE RESIDUAL MATERIAL
IN THE UPPER, WEATHERED PORTIONS OF A MINERALIZED FAULT ZONE

LOCAL GEOLOGY

SIGNIFICANT ALTERATION:
OPALITE, CLAY ALTERATION

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:
HYDROTHERMAL SOLUTIONS

GENERAL REFERENCES