RECORD IDENTIFICATION
RECORD NO: M084991
RECORD TYPE: XM
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: US
COUNTRY NAME: UNITED STATES
STATE CODE: OR
STATE NAME: OREGON
COUNTY: LAKE
DRAINAGE AREA: 13023001 CALIFORNIA PHYSIOGRAPHIC PROV: 12 BASIN AND RANGE
LAND CLASSIFICATION: 41
QUAD SCALE: 1:62500
QUAD NO OR NAME: FISHHOLE MIN.
LATITUDE: 42-49-26N
LONGITUDE: 120-48-14W
UTM NORTHING: 4667850.0
UTM EASTING: 680950.0
UTM ZONE NO: +10

TWP: 037S
RANGE: 016E
SECTION: 34
MERIDIAN: WILLAMETTE
LOCATION COMMENTS: NE/4 NE/4 SEC 34, LOCATION APPROXIMATE

COMMODITY INFORMATION
COMMODITIES PRESENT: HG
ORE MATERIALS (MINERALS, ROCKS, ETC.):
CINNABAR

MAIN ORE MINERALS:
CINNABAR

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2
PROPERTY IS INACTIVE
YEAR OF DISCOVERY........ 1935
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 (DESCRIPTION OF WORKINGS):
WORKINGS NOW CAVED

PRODUCTION
NO PRODUCTION

GEOLGY AND MINERALOGY

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

IMPORTANT ORE 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 GEOLGY

SIGNIFICANT ALTERATION:
OPALITE, CLAY ALTERATION

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:
HYDROTHERMAL SOLUTIONS

GENERAL REFERENCES