

BLACK ROCK (chromite)

Illinois River area

Owner: C. E. Osborne and Joe Powell, Grants Pass, Oregon.

Location: SW $\frac{1}{4}$  sec. 9, T. 37 S., R. 8 W. Elevation 3900 feet. One half mile south of Swede Basin road.

Oregon Metal Mines Handbook.

Geology: About 7 tons of medium grade ore have been mined from a 4 by 4 foot shaft 25 feet deep which plunges about  $48^{\circ}$  in a S.  $55^{\circ}$  W direction. The ore occurs as small irregular segregations of crystals in a somewhat banded and not badly jointed massive dark green serpentine. No ore was seen in place. The bands in the rock (flowage?) strike N.  $20^{\circ}$  E. and dip  $80^{\circ}$  E.

Report by: J. E. Allen 7/15/37

CRIB MINERAL RESOURCES FILE 12

## RECORD IDENTIFICATION

RECORD NO..... M060556  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 DEPOSIT NO..... DDGM1 100-251  
 MAP CODE NO. OF REC..

## REPORTER

UPDATED..... 81 02  
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

## NAME AND LOCATION

DEPOSIT NAME..... BLACK ROCK CHROMITE  
 SYNONYM NAME..... BLACK ROCK MINE

MINING DISTRICT/AREA/SUBDIST. ILLINOIS RIVER

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

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

COUNTY..... JOSEPHINE  
 DRAINAGE AREA..... 17100311 PACIFIC NORTHWEST  
 PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS  
 LAND CLASSIFICATION..... 41

QUAD SCALE            QUAD NO OR NAME  
 1: 62500            SELMA

LATITUDE            LONGITUDE  
 42-21-55N            123-38-43W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
 4690322.6            446862.9            +10

TWP..... 37S  
 RANGE..... 08W  
 SECTION.. 09

ALTITUDE.. 4000

## COMMODITY INFORMATION

COMMODITIES PRESENT..... CR

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):

RECORD IDENTIFICATION  
RECORD NO..... M060545  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS

NAME AND LOCATION

DEPOSIT NAME..... BLACK ROCK CHROMITE

COUNTRY CODE..... JS  
COUNTRY NAME: UNITED STATES

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

COUNTY..... JOSEPHINE

QUAD SCALE            QUAD NO OR NAME  
1: 62500              PEARSOLL PEAK

LATITUDE              LONGITUDE  
42-21-56N              123-46-08W

UTM NORTHING          UTM EASTING          UTM ZONE NO  
4690436.4              436681.8              +10

ALTITUDE.. 2000

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT  
FORM/SHAPE OF DEPOSIT:

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

PRODUCTION

UNDETERMINED

GENERAL REFERENCES

CHROMITE

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MASSIVE CHROMITE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

COMMENTS(DESCRIPTION OF DEPOSIT):

IRREGULAR SEGREGATIONS

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):

4 X 4 SHAFT 25' DEEP

PRODUCTION

YES

SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

21 TOTAL .007 TONS

PRODUCTION COMMENTS.... REPORT & PROD. EST. BY J.E. ALLEN, 1937

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR

GEOLOGICAL DESCRIPTIVE NOTES. SERPENTINE IS SOMEWHAT BANDED & NOT BADLY JOINTED

GENERAL COMMENTS

RECORD NUMBER (M013500) HAS BEEN MERGED WITH THIS RECORD AND DELETED FROM THE OREGON FILE.

GENERAL REFERENCES

1) THAYER, T. P., 1974, UNPUBL. DATA

2) RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100,

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