

RECORD IDENTIFICATION

RECORD NO..... M061085
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDGM 100-342
MAP CODE NO. OF REC..

REPORTER

UPDATED..... 81 04
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... PARADISE NO. 1
SYNONYM NAME..... S.P. #76

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 OREGON CAVES

LATITUDE LONGITUDE
42-12-52N 123-24-47W

UTM NORTHING UTM EASTING UTM ZONE NO
4673446.7 465896.7 +10

TWP..... 039S
RANGE..... 006W
SECTION.. 04
MERIDIAN. W.M.

ALTITUDE.. 3600

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):

POTENTIAL.....

ANALYTICAL DATA (GENERAL)

THICKLY DISSEMINATED CHROMITE ASSAYED 38.94% CR2O3, 10.50% FE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1

PRESENT/LAST OPERATOR..... MAX HUGHES

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MASSIVE CHROMITE; DISSEMINATED

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE

PRODUCTION

YES

SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE ACC		0000.011	TONS	1952	42. % CR2O3
21 TOTAL		.011	TONS	42.00	% CR2O3 (WEIGHTED AVERAGE GRADE)

PRODUCTION COMMENTS..... POSSIBLY APPLIES TO PARADISE #2

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR?

HOST ROCK TYPES..... SERPENTINE

GENERAL COMMENTS

RECORD NUMBER (M013362) HAS BEEN MERGED WITH THIS RECORD AND DELETED FROM THE OREGON FILE.

GENERAL REFERENCES

- 1) RAMP, LEN, 1951, CHROMITE IN SOUTHWESTERN OREGON: OREGON DEPT. GEOLOGY AND MINERAL IND. BULL. 52, 169 P.
- 2) THAYER, T. P., 1974, UNPUBL. DATA
- 3) RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100, 45P

RECORD IDENTIFICATION

RECORD NO..... M061084
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDGM1 100-343
MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
DATE..... 76 05
UPDATED..... 81 04
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... PARADISE NO.2
SYNONYM NAME..... G.P. #75; DEER CREEK CHROME NO.1

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 OREGON CAVES

LATITUDE LONGITUDE
42-13-11N 123-24-49W

UTM NORTHING UTM EASTING UTM ZONE NO
4674040.2 465874.1 +10

TWP..... 38S
RANGE..... 05W
SECTION.. 33
MERIDIAN. W.M.

ALTITUDE.. 3320 FT

POSITION FROM NEAREST PROMINENT LOCALITY: 7 MILES WEST OF WILLIAMS

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):
POTENTIAL.....
OCCURRENCE..... PT RH

COMMODITY SPECIALIST INFORMATION:
PGM OCCUR

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

ANALYTICAL DATA (GENERAL)

3.5 FT. CHIP SAMPLE -28.76% CR2O3, 8.90% FE, 14.90% SiO2; CONCENTRATES -40.82% CR2O3, 14.09% FE; CR:FE RATIO IS 1.9 ; PT 0.019 PPM, RH 0.018 PPM

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
DISSEMINATED
FORM/SHAPE OF DEPOSIT: SINUOUS

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL
MAX WIDTH..... 4 FT.
STRIKE OF OREBODY..... N15E
DIP OF OREBODY..... 65SE

DESCRIPTION OF WORKINGS
SURFACE AND UNDERGROUND

PRODUCTION
YES
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OREBURD.)

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 ORE EST		.062	TONS	1954-1958	42% CR2O3 TO 48% CR2O3 (CONC.)
21 TOTAL		44.49	% CR2O3		(WEIGHTED AVERAGE GRADE)

PRODUCTION COMMENTS..... MOST ORE LOW GRADE, HAD TO BE MIXED

LOCAL GEOLOGY

COMMENTS (GEOLOGY AND MINERALOGY):

COUNTRY ROCK IS A SILL-LIKE, HIGHLY SHEARED SERPENTINE MASS IN SLATES AND METAVOLCANICS OF THE APPLGATE GROUP.

GENERAL COMMENTS

RECORD NUMBER (MD13343) HAS BEEN MERGED WITH THIS RECORD AND DELETED FROM THE OREGON FILE.

GENERAL REFERENCES

- 1) RAMP, LEN, 1951, CHROMITE IN SOUTHWESTERN OREGON: OREGON DEPT. GEOLOGY AND MINERAL IND. BULL. 52, 169 P.
- 2) THAYER, T. P., 1974, UNPUBL. DATA
- 3) PAGE, N. J., JOHNSON, M. G., HAFFTY, JOSEPH, AND RAMP, LEN, 1975, OCCURRENCE OF PLATINUM GROUP METALS IN ULTRAMAFIC ROCKS OF THE MEDFORD-COOS BAY 2 DEGREE QUADRANGLE, SOUTHWESTERN OREGON: U.S. GEOL. SURVEY MISC. FIELD STUDIES MAP MF-694
- 4) RAMP, L. AND PETERSON, N. V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100
45P