

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland 5, Oregon

LOW GAP CLAIM (Manganese)

Josephine County  
Waldo Mining District

Owner: Ivan McDonough, Route 1, Box 24, Jacksonville, Oregon.

Area: One claim.

Location: E $\frac{1}{2}$  sec. 3, T. 41 S., R. 5 W., on west side of Low Gap Creek northwest of Whiskey Peak. The property may be reached from either Steve Fork road or by the Cougar Creek forest service road by approximately 5 miles of trail. The deposit is located at an estimated 4500' elevation.

Development: Two small cuts - one 15' long, 6' wide, 10' deep, and the other 8' long, 8' wide, and 5' deep.

Geology: The area has been mapped by Wells, (1) as part of a series of metavolcanic and metasedimentary rocks which predominate in the Applegate River drainage. This series has been subsequently termed the Applegate Group by Wells (2) and is considered to be of Triassic age.

The deposit consists of a body of rhodonite, possibly 10' in width, with associated superficial manganese oxides. The deposit occurs in dark quartzite and chert and appears to have an east-west strike. The body can be traced but a very short distance along the strike.

A sample from the deposit (KG-184) submitted by the owner assayed 24.35 percent manganese and 1.62 percent iron.

Report by: H. D. Wolfe

Date of visit: August 23, 1950

Date of report: September 28, 1950

Infermant: Ivan McDonough

References:

- (1) Wells, F.G. - Preliminary geologic map of the Grants Pass quadrangle, Oregon DOGAMI, 1940.
- (2) Wells, F.G. - Preliminary description of the geology of the Kerby quadrangle, Oregon DOGAMI, Bulletin 40, 1949.

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon  
Report by H. D. Wolfe  
September 28, 1950

Waldo Mining Dist.  
Josephine County

Name of property: Low Gap Claim (manganese)

Owner: Ivan McDonough Route 1, Box 24, Jacksonville, Oregon

Area: One claim.

Location: E  $\frac{1}{2}$ , Section 3, T 41 S., R 5 W., on west side of Low Gap Creek NW of Whiskey Peak. The property may be reached from either Steve Fork road or by the Cougar Creek forest service road by approximately 5 miles of trail. The deposit is located at an estimated 4500' elevation.

Development: Two small cuts - one 15' long, 6' wide, 10' deep, and the other 8' long, 8' wide and 5' deep.

Geology: The area has been mapped by Wells, (1) as part of a series of metavolcanic and metasedimentary rocks which predominate in the Applegate River drainage. This series has been subsequently termed the Applegate Group by Wells (2) and is considered to be of Triassic age.

The deposit consists of a body of rhodonite, possibly 10' in width, with associated super-

ficial manganese oxides. The deposit occurs in dark quartzite and chert and appears to have an east-west strike. The body can be traced but a very short distance along the strike.

A sample from the deposit (KG-184) submitted by the owner assayed 24.35% manganese and 1.62% iron.

Report by: H. D. Wolfe

Date of visit: August 23, 1950

Date of report: September 28, 1950

Informant: Ivan McDonough

References:

- (1) Wells, F.G. - Preliminary geologic map of the Grants Pass quadrangle, Oregon DOGAMI, 1940
- (2) Wells, F.G. - Preliminary description of the Geology of the Kerby quadrangle, Oregon DOGAMI, Bulletin #40, 1949

RECORD IDENTIFICATION

RECORD NO..... M061521  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 DEPOSIT NO..... DDGPI 100-468  
 MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.  
 UPDATED..... 81 03  
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... LOW GAP CLAIM

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... OR

STATE NAME: OREGON

COUNTY..... JOSEPHINE

DRAINAGE AREA..... 17100309 PACIFIC NORTHWEST

PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 41

QUAD SCALE  
 1: 62500

QUAD NO OR NAME  
 OREGON CAVES

LATITUDE  
 42-02-27N

LONGITUDE  
 123-16-44W

UTM NORTHING  
 4654125.0

UTM EASTING  
 476925.0

UTM ZONE NO  
 +10

TWP..... 40S  
 RANGE..... 05W  
 SECTION.. 34  
 MERIDIAN. W.M.

COMMODITY INFORMATION

COMMODITIES PRESENT..... MN

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

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLDR. OR DEV. 1

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

CHEMICAL SEDIMENTARY

FORM/SHAPE OF DEPOSIT: LENS

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
DEPTH TO BOTTOM..... 7 FT.  
MAX LENGTH..... 19FT.  
MAX WIDTH..... 7 FT.  
STRIKE OF OREBODY.... NORTH  
DIP OF OREBODY..... VERTICAL?

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):

PIT 7X19X7 DEEP

PRODUCTION

NO PRODUCTION

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

23 MN, OCCUR

MN

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI  
HOST ROCK TYPES..... QUARTZITE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: APPLING GROUP  
AGE: PERM-TRI

COMMENTS (GEOLOGY AND MINERALOGY):

MIXED MANGANESE OXIDES AND RHODONITE AS NARROW BANDS IN QUARTZITE

GENERAL REFERENCES

- 1) RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; DDGMI BULL. 100, 45P
- 2) APPLING, R.N., 1958, MANGANESE DEPOSITS OF SOUTHWESTERN OREGON; USBM REPT. INV. 5369, P.26

SITE NAME: LOW GAP CLAIM  
SYNONYMS:  
OWNER:  
LOCATION: STEVE'S FARK  
MINING\_DIS:  
BLM\_FS\_DIS:  
QUAD1: GRANTS PASS  
QUAD2: OREGON CAVES  
RIVER BASIN:17

COUNTY: JOSEPHINE  
SCALE: 100000  
SCALE: 62500  
TOWNSHIP:040S  
RANGE:005W  
SECTION:34

PHYSIOG: 13 KLAMATH MOUNTAINS  
SECT\_FRACT:

USGS NUM: M061521  
DOGAMI MLR:  
REPORTER: JOHNSON, MAUREEN G.  
AFFILIATION: USGS  
REP\_DATE:  
UPDATE BY: FERNS, MARK L.  
AFFILIATION: ODGMI  
UP DATE: 81 03  
LAT:42-02-27N  
LONG:123-16-44W  
UTM\_N:4654125  
UTM\_E:476925  
UTM\_Z:+10  
ALTITUDE:

YR\_DISC: STATUS: 1  
PRODUCTION:NO PRODUCTION SIZE:  
COMMODITIES PRESENT:MN  
YR\_1ST\_PRO: YR\_LASTPRO:  
COMMODITIES PRODUCED:  
ORE\_MAT: RHODONITE, MANGANESE OXIDES  
GANGUE:  
DEPOS\_TYP: CHEMICAL SEDIMENTARY  
MIN\_AGE:  
HOST\_ROCK: QUARTZITE  
HOST\_R\_AGE:PERM-TRI  
ALTERATION:  
IGNEOUS\_R:  
IG\_R\_AGE:  
ORE\_CNTRL:  
DEP\_DESCOM:  
GEOLOG\_COM: MIXED MANGANESE OXIDES AND RHODONITE AS NARROW BANDS IN QUARTZITE  
TYPE OF WORKINGS:  
WORKINGS DESCRIPTION:PIT 7X19X7 DEEP

CUMULATIVE PRODUCTION (UNITS IN 1000'S)

ITEM1:	ITEM2:	ITEM3:
AMT1:	AMT2:	AMT3:
UNIT1:	UNIT2:	UNIT3:
YEAR1:	YEAR2:	YEAR3:
ITEM4:	ITEM5:	ITEM6:
AMT4:	AMT5:	AMT6:
UNIT4:	UNIT5:	UNIT6:
YEAR4:	YEAR5:	YEAR6:

GENERAL COMMENTS:

REFERENCES:

RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100, 45P

APPLING, R.N., 1958, MANGANESE DEPOSITS OF SOUTHWESTERN OREGON; USBM REPT. INV. 5369, P.26

SITE NAME: LARKSPUR  
SYNONYMS: LOW GAP  
OWNER:  
LOCATION:  
MINING\_DIS:WHISKEY PEAK  
BLM\_FS\_DIS:  
QUAD1: GRANTS PASS  
QUAD2: OREGON CAVES  
RIVER BASIN:17  
PHYSIOG: 13 KLAMATH MOUNTAINS

COUNTY: JOSEPHINE  
SCALE: 100000  
SCALE: 62500  
TOWNSHIP:041S  
RANGE:005W  
SECTION:02  
SECT\_FRACT:

USGS NUM: M061519  
DOGAMI MLR:  
REPORTER: JOHNSON, MAUREEN G.  
AFFILIATION: USGS  
REP\_DATE:  
UPDATE BY: FERNS, MARK L.  
AFFILIATION: ODGMI  
UP DATE: 81 03

LAT:42-01-39N  
LONG:123-15-48W  
UTM\_N:4652650  
UTM\_E:478200  
UTM\_Z:+10  
ALTITUDE:

YR\_DISC:  
PRODUCTION:NO  
COMMODITIES PRESENT:MN FE  
YR\_1ST\_PRO:  
COMMODITIES PRODUCED:  
ORE\_MAT: MIXED MANGANESE OXIDES, RHODONITE  
GANGUE: HEMATITE, MAGNETITE  
DEPOS\_TYP: CHEMICAL SEDIMENTARY  
STATUS: 1  
PRODUCTION SIZE:  
YR\_LASTPRO:

MIN AGE:  
HOST\_ROCK: QUARTZITE  
HOST\_R\_AGE:PERM-TRI  
ALTERATION:  
IGNEOUS\_R: METAVOLCANICS  
IG\_R\_AGE: PERM-TRI  
ORE\_CNTRL: CONTACT  
DEP\_DESCOM:  
GEOLOG\_COM:  
TYPE OF WORKINGS:  
WORKINGS DESCRIPTION:OUTCROP

CUMULATIVE PRODUCTION (UNITS IN 1000'S)

ITEM1:	ITEM2:	ITEM3:
AMT1:	AMT2:	AMT3:
UNIT1:	UNIT2:	UNIT3:
YEAR1:	YEAR2:	YEAR3:
ITEM4:	ITEM5:	ITEM6:
AMT4:	AMT5:	AMT6:
UNIT4:	UNIT5:	UNIT6:
YEAR4:	YEAR5:	YEAR6:

GENERAL COMMENTS:

REFERENCES:

RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100, 45P  
APPLING, R.N., 1958, MANGANESE DEPOSITS OF SOUTHWESTERN OREGON; USBM REPT. INV. 5369, P.29