

RECEIVED
NOV 28 1938

STATE DEPT OF GEOLOGY
& MINERAL INDS.

Douglas County

Green Mt. Hunt.

Name: Green Mountain Copper Prospect.

Owner: Frank Jantzer, Sr., of Azalea, Oregon.

Location: See Page 114, Vol. 2 of the Mineral Resources of Oregon. The 40 ft. incline mentioned in the last paragraph is near the common corners for Secs. 27, 28, 33 and 34, T. 32 S., R. 4 W. Elevation 3500 ft. One mile to road on Starvout Creek.

History: The 40 ft. tunnel which is about 200 ft. below the outcrop in the incline is now about 54 feet. In 1922 a tunnel was started 300 feet north of the incline shaft and run in on the vein 150 feet. There is another tunnel known as the Biglow, which is about 200 feet north of the above tunnel being about 50 feet long.

Informant: J. E. Morrison. 6/ 21/38.

Confidential: Sec. 28 is said to be a timber claim. Mr. Jantzer had prospected this area for a number of years, but at present does not claim any ground. The property was not visited by informant.

Handbook page 114

RECORD IDENTIFICATION

RECORD NO..... M061282
 RECORD TYPE..... XIM
 COUNTRY/ORGANIZATION. USGS
 MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
 UPDATED..... 81 02
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... GREEN MOUNTAIN

MINING DISTRICT/AREA/SUBDIST. RIDDLE

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

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

COUNTY..... DOUGLAS
 DRAINAGE AREA..... 17100302 PACIFIC NORTHWEST
 PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
 LAND CLASSIFICATION..... 49

QUAD SCALE QUAD NO OR NAME
 1: 62500 WIMER

LATITUDE LONGITUDE
 42-44-25N 123-10-02W

UTM NORTHING UTM EASTING UTM ZONE NO
 4731783.4 486313.5 +10

TWP..... 32S
 RANGE..... 04W
 SECTION.. 34
 MERIDIAN. W.M.

ALTITUDE.. 4160

LOCATION COMMENTS: SW 1/4

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR

SPECIAL FIELD 3 FLOAT?

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

ANALYTICAL DATA (GENERAL)

ASSAY INFO ONLY: 35.04% CR2O3, 11.60% FE, 10.80% SiO2; 34.00% CR2O3, 13.60% FE, 11.60% SiO2

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 1

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MASSIVE CHROMITE

FORM/SHAPE OF DEPOSIT: PROBABLY FLOAT

PRODUCTION

NO PRODUCTION

23 ORE, CR, SML

SAMPLES

1961

35 CR2O3, 12 FE, 11 SiO2

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR?

HOST ROCK TYPES..... SERPENTINE

GENERAL REFERENCES

- 1) RAMP, LEN, 1972, GEOLOGY AND MINERAL RESOURCES OF DOUGLAS COUNTY, OREGON: OREGON DEPT. GEOLOGY AND MINERAL IND. BULL. 75, 106 P.
- 2) RAMP, LEN, 1961, CHROMITE IN SOUTHWESTERN OREGON: OREGON DEPT. GEOLOGY AND MINERAL IND. BULL. 52, 169 P.
- 3) PAGE, N.J. AND OTHERS, 1977, PRELIMINARY RECONNAISSANCE GEOLOGIC MAP OF THE WIMER QUADRANGLE, OREGON; USGS GEO. MAP MF-848.

RECORD IDENTIFICATION

RECORD NO..... M061212
 RECORD TYPE..... X1M
 COUNTRY/ORGANIZATION. USGS
 MAP CODE NO. OF REC..

REPORTER

NAME JOHNSDN, MAUREEN G.
 UPDATED..... 81 02
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... GREEN MOUNTAIN PROSPECT

MINING DISTRICT/AREA/SUBDIST. RIDDLE

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

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

COUNTY..... DOUGLAS
 DRAINAGE AREA..... 17100302 PACIFIC NORTHWEST
 PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
 LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
 1: 62500 DAYS CREEK

LATITUDE LONGITUDE
 42-45-21N 123-10-14W

UTM NORTHING UTM EASTING UTM ZONE NO
 4733511.2 486049.6 +10

TWP..... 32S
 RANGE..... 04W
 SECTION.. 27 28 33 34
 MERIDIAN. W.M.

ALTITUDE.. 3750

LOCATION COMMENTS: S COR.

COMMODITY INFORMATION

COMMODITIES PRESENT..... CU AU AG

POTENTIAL.....
OCCURRENCE..... CU

ORE MATERIALS (MINERALS, ROCKS, ETC.):
PYRITE, CHALCOPYRITE, PYRRHOTITE, CUBANITE (POSSIBLE)

COMMODITY SUBTYPES OR USE CATEGORIES:
4.50 AU:AG

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 6
PROPERTY IS INACTIVE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VOLCANOGENIC ? VEIN ?
FORM/SHAPE OF DEPOSIT: LENS

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

DESCRIPTION OF WORKINGS
UNDERGROUND
LENGTH OF WORKINGS..... 280 FT.

COMMENTS (DESCRIP. OF WORKINGS):
3 ADITS, SHAFT, TOTAL 280'

PRODUCTION
YES
SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE SML		.004	TONS		
2 AU SML		.018	OZ	4.50	OZ/T
3 AG SML		.004	OZ	1.00	OZ/T
23 ORE, SML		0.004	TONS	1937	4.5 AU, 1 AG

PRODUCTION YEARS..... 1937

SOURCE OF INFORMATION (PRODUCTION).. USBM

GEOLOGY AND MINERALOGY

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: ROGUE VOLCANICS
- AGE: JUR

SIGNIFICANT ALTERATION:

ORE INCASED IN CHLORITIC MATERIAL

GENERAL REFERENCES

- 1) RAMP, L., 1972, GEOLOGY AND MINERAL RESOURCES OF DOUGLAS COUNTY, OREGON; ODGMI BULL. 75, P.28
- 2) OREGON METAL MINES HANDBOOK, 1940, ODGMI BULL. 14-C, VOL. 1, P.103

GREEN MOUNTAIN PROSPECT (Copper)

Riddle Area

Owner: Frank Jantzer, Azalea, Oregon.

Location: secs 27-28, ~~4~~³-34, T.32 S., R.4 W., 1 mile from road on Starveout Creek. Elevation 3500 feet.

Miscellaneous Information: About 200 feet below the outcrop is a 40-foot incline shaft sunk near the common corners of the section given under location. A tunnel 40 feet long has been driven about 200 feet below the outcrop upon which the incline shaft is sunk. About 300 feet N. of the shaft a tunnel has been driven on the vein a distance of about 150 feet. A third tunnel called the "Biglow" with portal about 200 feet north of the 150-foot tunnel has been driven about 50 feet.

Quoting from Parks and Swartley 16:114:

"The country rock is typical greenstone that has been greatly sheared and altered, but still preserves its original structure and composition sufficiently to show its diabasic character. The greenstone belt, nearly a mile wide over the summit of Green Mountain, lies between belts of slates and other sedimentary rocks, and is cut off a short distance to the south by serpentine, whose intrusion has influenced the mineralization of the region. The ore impregnates the greenstone and forms lenses. It is usually incased in deep-green chloritic material.

"The important copper mineral is chalcopyrite, which is intermingled with a large proportion of pyrrhotite and pyrite. The range of color from bronze to brass-yellow suggests the presence of cubanite, but the ore tested that was free from chalcopyrite gave no trace of copper.

"The outcrop lies in the upper drainage of Starveout Creek, whose placers have been remarkably productive."

Informant: J. E. Morrison, 38.

GREEN MOUNTAIN PROSPECT (Copper)

Riddle Area

Owner: Frank Jantzer, Azalea, Oregon.

Location: secs. 27-28, 44-34, T. 32 S., R. 4 W., 1 mile from road on Starveout Creek. Elevation 3500 feet.

Miscellaneous Information: About 200 feet below the outcrop is a 40-foot incline shaft sunk near the common corners of the section given under location. A tunnel 40 feet long has been driven about 200 feet below the outcrop upon which the incline shaft is sunk. About 300 feet N. of the shaft a tunnel has been driven on the vein a distance of about 150 feet. A third tunnel called the "Biglow" with portal about 200 feet north of the 150-foot tunnel has been driven about 50 feet.

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