

August 18, 1942

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

IRENE CLAIM (chromite) 6586

Chetco Area

Owners: G. A. Hyde, J. R. Hyde, A. Linder, and G. Snow.

Location: sec. 15, T. 41 S., R. 11 W., in Curry County near the western edge of the Kerby quadrangle. It is 62 miles to Grants Pass, via the Oregon Mountain road and O'Brien.

Area: One claim.

History: About 50 tons of ore were mined out during World War I. Recently, a lease^e was given to the Western Chrome Mining Company. Little work has been done in the last year.

Development: Three open cuts.

Geology: Ore shows in only one of the three cuts. The chromite consists of several small pods in a shear zone. The largest pod is 20 feet long and 5 feet thick and has an exposed depth of about 2 feet. It is probable that a few minutes work with a pick would remove all except the largest pod. The ore is reported to assay 38 percent Cr₂O₃. Country rock is serpentine.

Informant: Garn A. Rynearson, U. S. G. S., August 17, 1942.

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Curry Co

THE IRENE CLAIM (chromite)

The request was made by Mr. G. A. Hyde for this inspection. Dr. Wells informed me that he had orders from Washington, D. C. to send a man to the property and that we could have access to their findings, so I felt that I was not justified in duplicating their investigation. Mr. Garn A. Rynearson made the investigation.

It seems that the Western Chrome Mining Company is a subsidiary of Western Heavy Haul Company of Portland. Mr. Hyde feels that their intentions have not been entirely on the up and up, and they are attempting to hold their leases regardless of the legal contract. The U. S. G. S. wrote them and requested a guide and so far have not had the courtesy of even a reply. According to Mr. Hyde, the Western Chrome Mining Company was to start work by July 15, 1942. in order to hold the lease. This was not done.

To further complicate the situation, a similar agreement was made with the Three-Way Metal Company, Limited, Crescent City about two years ago. The Three-Way Company consists of Messrs. Coulter, Broadhurst, and Rogers. This Company now contends that their contract is still in effect and they will block any attempt to remove the ore. In addition another party posted a claim notice on the property in May 1942. It is apparent that any attempt to work the deposit will result in litigation.

Mr. Rynearson estimates that there is 50 tons of ore mined out which was stockpiled during the First World War. He estimates not over 50 tons remain in the deposit. About $1\frac{1}{2}$ miles of road would have to be constructed before the ore could be shipped. The deposit would then be about 62 miles by road to the stockpile at Grants Pass or about 28 miles from a possible stockpile at Crescent City.

Ray C. Treasher
Field Geologist
August 18, 1942.

RECORD IDENTIFICATION

RECORD NO..... M060686
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDCMJ 93-92
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..... IRENE CHROMITE

MINING DISTRICT/AREA/SUBDIST. SOURDOUGH *Chetco*

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

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

COUNTY..... CURRY
DRAINAGE AREA..... 18010101 CALIFORNIA
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 CHETCO PEAK

LATITUDE LONGITUDE
42-00-36N 123-58-01W

UTM NORTHING UTM EASTING UTM ZONE NO
4651140.3 419931.9 +10

TWP..... 41S
RANGE..... 11W
SECTION.. 15
MERIDIAN. N.M.

ALTITUDE.. 1600

LOCATION COMMENTS: CEN

COMMODITY INFORMATION

COMMODITIES PRESENT

SPECIAL FIELD 3 LENS, SHEAR ZONE

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

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
MASSIVE CHROMITE
FORM/SHAPE OF DEPOSIT: LENS

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL
DEPTH TO BOTTOM..... 2 FT
MAX LENGTH..... 20 FT
MAX WIDTH..... 5 FT
STRIKE OF OREBODY..... NORTH WEST
DIP OF OREBODY..... 45 SW

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS (DESCRIP. OF WORKINGS):
THREE CUTS

PRODUCTION
YES
SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE EST		0000.020	TONS	1943	38% CR20
2 ORE EST		0000.079	TONS	1942	39% CR20

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 ORE EST		0000.050	TONS		WWI 38% CR20
21 TOTAL		.149	TONS	38.52	% CR20 (WEIGHTED AVERAGE GRADE)
23 ORE, EST		.149	TONS	1918-1943	39 CR20

GEOL. AND MINERALOGY

AGE OF HOST ROCKS..... JUR
HOST ROCK TYPES..... SERPENTINE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: JOSEPHINE PERIDOTITE
AGE: JUR

SIGNIFICANT LOCAL STRUCTURES:
IN SHEAR ZONE

GENERAL COMMENTS

RECORD M013195) HAS BEEN MERGED WITH THIS RECORD AND DELETED FROM THE OREGON FILE.

GENERAL REFERENCES

- 1) RAMP, LEN, 1961, 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 OTHERS, 1977, GEOLOGY, MINERAL RESOURCES AND ROCK MATERIAL OF CURRY COUNTY, OREGON; ODGMI BULL. 9
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