

May 2nd, 1941.

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

CHROME KING PROSPECT (Chromite)

GOLD HILL AREA

Owner: Sunset Mining Company; Bryan Conley, Salem, William Davis, Rogue River, and others. Leased to F. I. Bristol, Grants Pass, Oregon.

Location: NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, T. 34 S., R. 4 W., on an unnamed creek, locally known as Boulder Cr. (that flows into Pleasant Creek. Elev. 2500 ft.

History: It is claimed that this prospect was worked during the first World War and that Vonne Brothers took out two carloads of high-grade chromite. Since that time the Sunset Mining Co. has located the ground. The workings caved about 1939.

Development: The old workings are caved but were extensive enough to permit the underground removal of two carloads (100 tons) of chromite. At present, the workings are being reopened. There is an opencut or trench about 50 feet long.

Geology: A serpentine belt about $\frac{1}{4}$ mile wide trends northwest-southeast thru an area of Diller's greenstone (Riddle geologic map)
The prospect is situated near the northeast edge of the serpentine belt. The only chromite observed at the time of the visit was one two-foot mass of low-grade chromite and considerable disseminated chromite in serpentine. Chrome float is reported over the hillside.

The locality has been prospected extensively with small pits and cuts. A very few of these showed pieces of low-grade chrome in the old dumps.

Informant: RCT April 28, 1941
Report by: RCT May 2, 1941.

RECORD IDENTIFICATION
RECORD NO..... M061302
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS

NAME AND LOCATION

DEPOSIT NAME..... CHROME KING

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

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

COUNTY..... JACKSON

QUAD SCALE QUAD NO OR NAME
1: 62500 WIMER

LATITUDE LONGITUDE
42-39-02N 123-09-30W

UTM NORTHING UTM EASTING UTM ZONE NO
4721816.5 487017.6 +10

TWP..... 034S
RANGE..... 004W
SECTION.. 03
MERIDIAN. W.M.

ALTITUDE.. 2500

Gold Hill

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR

PRODUCER(PAST OR PRESENT):
MAJOR PRODUCTS.. CR

ORE MATERIALS (MINERALS, ROCKS, ETC.):
DISSEMINATED, HIGH-GRADE (MASSIVE?)

ANALYTICAL DATA(GENERAL)

PANNED CONCENTRATE - 47.22% CR2O3, 12.20% FE; MASSIVE - FLOAT? 39.42% CR2O3, 11.85% FE & 44.45% CR2O3, 14.76% FE

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

FORM/SHAPE OF DEPOSIT: FLOAT - 1 MASS

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

COMMENTS (DESCRIPTION OF DEPOSIT):

NOT MUCH REAL INFORMATION

DESCRIPTION OF WORKINGS

SURFACE

PRODUCTION

YES

SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE EST		0000.100	TONS		HWI HIGH GRADE
2 ORE EST		0000.005	TONS	1956	49. % CR2O3 (CONC)
21 TOTAL		.105	TONS	49.00	% CR2O3 (WEIGHTED AVERAGE GRADE)

PRODUCTION COMMENTS..... PROSPECTED EXTENSIVELY BY SMALL PITS & CUTS

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