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STATE DEPT. OF GEOLOGY  
& MINERAL INDS.

# Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

## FOUR POINT CHROME CLAIM

Douglas County  
Riddle District

Owner: L. H. Wiese, Glendale, Oregon.

Location: It was located in November 1956 in the SW $\frac{1}{4}$  of sec. 1, T. 33 S., R. 5 W. The chrome-bearing zone extends into the SE $\frac{1}{4}$  of the SE $\frac{1}{4}$  of sec. 2, of the same township, which area is on private land. The point of discovery is located on the west side but near the top of a ridge at approximately 3075 feet elevation. It is about 175 feet east of the section line between 1 and 2, and approximately 1000 feet (not measured) north of the section line between 1 and 12. The area was reached by hiking from the Kruse place 3.7 miles from Highway 99 on Quines Creek road. A trail leads up the ridge back of Frank Kruse's gold mine which is located in the SW $\frac{1}{4}$  of the NW $\frac{1}{4}$  of sec. 1. Hiking distance was about 1 mile.

Development: Development consisted of a few very small shallow prospect cuts which exposed narrow lenses of massive chromite in place and a few float boulders containing both massive and disseminated chromite.

Geology: The chromite-bearing zone may be traced by means of spotty exposures and scattered pieces of float for a distance in excess of 200 yards along the strike. The zone strikes about N. 40° E. and the apparent dip is 75° SE. It lies in and parallel to a zone of serpentine about 1500 feet wide. The chromite zone appears to be only a short distance below the southeastern contact of the serpentine with metavolcanic rock; but the exact position of the contact could not be determined due to overburden. The limited exposures made it impossible to determine actual thickness of the chromite lenses exposed. One lens, at the point of discovery, appeared

Four Point Chrome Claim

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to be about 4 feet thick. It included some streaks of disseminated chromite in with the massive ore.

Assays: Samples submitted to the Department by Lyle H. Wiese include one from the discovery cut, SW $\frac{1}{4}$  section 1 (RG-38, P-20797) which assayed 45.10 percent Cr<sub>2</sub>O<sub>3</sub> and 12.58 percent Fe; and some disseminated ore from the base of an uprooted tree on the ridge about 200 yards S. 30° W. in the SE corner of section 2 (QG-194, P-19919) which assayed 37.10 percent Cr<sub>2</sub>O<sub>3</sub>, 11.53 percent Fe, and 9.60 percent SiO<sub>2</sub>.

Date Visited: 3/27/57.

Informant: L. H. Wiese.

Report by: Len Ramp 3/28/57.

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RECORD IDENTIFICATION

RECORD NO..... M061288  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
MAP CODE NO. OF REC..

REPORTER

UPDATED..... 81 02  
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... FOUR POINT

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

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

COUNTY..... DOUGLAS  
DRAINAGE AREA..... 17100002 PACIFIC NORTHWEST  
PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS  
LAND CLASSIFICATION..... 49

QUAD SCALE            QUAD NO OR NAME  
1: 62500            WIMER

LATITUDE            LONGITUDE  
42-43-33N            123-14-52W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
4730200.1            479722.2            +10

TWP..... 033S  
RANGE..... 005W  
SECTION.. 01  
MERIDIAN. W.M.

ALTITUDE.. 3075

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR

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

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



DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MASSIVE CHROMITE, DISSEMINATED  
FORM/SHAPE OF DEPOSIT: NARROW LENS

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
MAX LENGTH..... 200 YD  
MAX WIDTH..... 4 FT  
STRIKE OF OREBODY..... N 40 E  
DIP OF OREBODY..... 45 SE

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		0000.010	TONS		43. % CR2O3 (CONC)
2 ORE ACC		0000.006	TONS	1957	43. % CR2O3
21 TOTAL		.006	TONS	43.00	% CR2O3 (WEIGHTED AVERAGE GRADE)

PRODUCTION COMMENTS..... FAIRLY HIGH IRON

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, 1951, CHROMITE IN SOUTHWESTERN OREGON: OREGON DEPT. GEOLOGY AND MINERAL IND. BULL. 52, 169 P.
- 3) THAYER, T. P., 1974, UNPUBL. DATA
- 4) PAGE, N.G. AND OTHERS, 1977, PRELIMINARY RECONNAISSANCE GEOLOGIC MAP OF THE WIMER QUADRANGLE, OREGON; USGS GEO. MAP MF-848



STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

2033 First Street  
Baker, Oregon

1069 State Office Building  
Portland 1, Oregon

239 S.E. "H" Street  
Grants Pass, Oregon

REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein as fully as possible and submit this blank filled out along with the sample.

Your name in full Len Ramp (DOGAMI)

Post office address P.O. Box 417 Grants Pass, Oregon

Are you a citizen of Oregon? Yes Date on which sample is sent 4-1-57

Name (or names) of owners of the property L. H. Wiese

Are you hiring labor? \_\_\_\_\_ Are you milling or shipping ore? \_\_\_\_\_

Name of claim sample obtained from Four Point

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Douglas Mining District Riddle

Township 33 S Range 5 W Section 1 Quarter section SW

How far from passable road? 1 mile Name of road Quines Creek

Channel (length) Grab Assay for Description

Sample no. 1 x Cr<sub>2</sub>O<sub>3</sub>, Fe, SiO<sub>2</sub> main cut

Sample no. 2 \_\_\_\_\_

(Samples for assay should be at least 1 pound in weight)

(Signed) Len Ramp

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description Medium to coarse-grained massive chromite with intergranular serpentine

see also RG 113 & 114

Sample number	GOLD		SILVER		CHROME	IRON	SILICA	
	oz./T.	Value	oz./T.	Value	Cr <sub>2</sub> O <sub>3</sub>	Fe	SiO <sub>2</sub>	
P-21020 RG-115	- - -	- -	- - -	- -	44.80%	11.92%	5.70%	- - -

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed 4-18-57 Called for \_\_\_\_\_

5/57

## Mining Activities Southwestern Oregon

New Chrome Mine: Carl Stevens leased the Four Point Chrome claim (in April) from L. H. Wiese, Glendale. A road was recently built to the deposit which is located at the head of Quines Creek sec. 1, T. 33 S., R. 5 W., Douglas County. The ore is of marginal grade and some has been hauled to the Shippen and Meyers mill at Canyonville for up-grading.