

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

SATURDAY ANNE CHROME PROSPECT

Illinois River Dist.
Josephine County

Owners: A. O. Craig and J. J. Weishaar
Selma, Oregon

Location: SE/NW sec. 9, T. 37 S., R. 9 W. The mine may be reached via the Illinois River road for 18 miles, then keeping right out the Briggs Creek road for 2 miles to Schoolhouse Flat, then turn right on the mine road for .7 of a mile. It is on the ridge between Soldier Creek and O'Conner Creek at about 2100 feet elevation.

Area: One lode claim located by A. O. Craig March 13, 1954.

History: A road was recently made from Schoolhouse Flat to the deposit by Roy Jackson. Ore from the mine is being concentrated at the Six-Mile Chromite Mill owned by Jackson and Jean Pressler.

Geology: The deposit lies in a small body of serpentine, about 250 feet wide on top of the ridge. Prior to excavation the outcrop of schlieren banded ore was about 3 feet wide and 5 feet in length. Its strike was N. 20° E. and it dipped 30° SE. Low grade float could be found on either side of the ridge, however, more float over a greater area was found on the west side below the outcropping. About 50 feet north of where the ore outcropped is the contact of granodiorite with the serpentine. A minor amount of amphibole gneiss was noted near the contact. A deeply weathered granodiorite (?) dike about 200 feet wide on the ridge borders the serpentine area to the south.

Ore was exposed at various places in the excavated area. It had apparently been offset by small faults. An apparently strong vertical fault trending about N. and S. was noted in the excavation at the crest of the ridge.

Report by: L. R. 5-25-54

Visited: 2-25-54 and 5-19-54

Informants: Roy Jackson and A. O. Craig

RECORD IDENTIFICATION

RECORD NO..... M061609
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDGMI 100-212
MAP CODE NO. OF REC..

REPORTER

UPDATED..... B1 04
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... SATURDAY ANNE
SYNDONYM NAME..... BLACK ROCK

MINING DISTRICT/AREA/SUBDIST. CENTRAL ILLINOIS RIVER

COUNTRY CODE..... JS
COUNTRY NAME: UNITED STATES

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

COUNTY..... JOSEPHINE
DRAINAGE AREA..... 17100311 PACIFIC NORTHWEST
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 PEARSOLL PEAK

LATITUDE LONGITUDE
42-22-09N 123-46-08W

UTM NORTHING UTM EASTING UTM ZONE NO
4690850. 436700. +10

TWP..... 057S
RANGE..... 009W
SECTION.. 09
MERIDIAN. W.M.

ALTITUDE.. 2100

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
DISSEMINATED
FORM/SHAPE OF DEPOSIT: LENSES

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL
MAX LENGTH..... 5 FT
MAX WIDTH..... 3 FT
STRIKE OF DREBODY.... N 20 E
DIP OF DREBODY..... 30 SE

COMMENTS(DESCRIPTION OF DEPOSIT):
CRUDELY BANDED

PRODUCTION

YES
SMALL PRODUCTION

ANNUAL PRODUCTION (DRE, COMMOD., CONC., OVEBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 DRE EST		0000.040	TONS	1954	48. % CR2O3
2 DRE EST		0000.025	TONS		50.8 % CR2O3, 16.5 % FE, 4.35 % SiO2
21 TOTAL		.040	TONS	48.00	% CR2O3 (WEIGHTED AVERAGE GRADE)

PRODUCTION COMMENTS..... D2 IS PART OF D1

GEOLOGY AND MINERALOGY

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

GEOLOGICAL DESCRIPTIVE NOTES. SMALL ISOLATED SERPENTINE BODY

GENERAL COMMENTS

RECORD NUMBER (M015274) 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