

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

MEMORANDUM REPORT

RAINY DAY MINE (Chromite)

TILLER-DREW

DOUGLAS ✓

(Listed as DAYS CREEK MINE in DOGAMI Bull. #9)

OWNER GLENN SHIPPEN
Box 60
Canyonville, Oregon

LOCATION SE $\frac{1}{4}$ section 15, T 30S, R 4W. The property is located about 2 miles southeast of Days Creek a few hundred yards north of the Days Creek--Tiller highway near the Poole ranch. A "jeep trail" extends from the highway to the lower workings. Elevation of main workings is at about 1300'.

AREA Two lode claims located on O & C ground.

HISTORY The present owner discovered chromite on the property and filed his claims early in 1951. Less than ten tons has been mined at present and no shipments have been made.

GEOLOGY The prospect is located in a small serpentine body which trends generally NW-SE. Diller (1) shows the rock surrounding the serpentine as greenstone. A brief reconnaissance of the northern margin of the serpentine body showed good exposures of a slaty shale, probably Dothan. Blocks of massive metavolcanic rocks ("greenstone") are abundant throughout the serpentine. These commonly range from small blocks a few feet in diameter to large masses several tens-of-feet across. They are more or less serpentinized along the margins and probably represent bodies enveloped during the original peridotite intrusion.

Two small pods of chromite were observed in a cut 50' north of the power line. One well-exposed pod 4' by 1 $\frac{1}{2}$ ' by 8' showed a dip of 50° to the southeast. A second pod, partially exposed a few feet west of the first, appears to be offset slightly. Both pods are in intensely sheared serpentine.

The owner reports that a few small pods were taken out at a few places a short distance down the hill from the pods now exposed.

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GEOLOGY (continued)

A representative sample (LG-641) was taken of ore on the dump and submitted by the owner to the department for assay. Results showed 36.97% chromic oxide, 11.27% iron and 16.70% silica.

Date visited: November 21, 1951

Date of report: December 21, 1951

Informant: Glenn Shippen

Report by: H. D. Wolfe

References: Diller, J. S. and Kay, G. F.
1924 U. S. Geol. Survey Atlas, Riddle folio
(No. 218)

RECORD IDENTIFICATION

RECORD NO..... M061206
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
MAP CODE NO. OF REC..

REPORTER

UPDATED..... 81 04
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NO LOCATION

SIT NAME..... RAINY DAY
NYM NAME..... DAYS CREEK

TRY CODE..... US
TRY NAME: UNITED STATES

E CODE..... OR
E NAME: OREGON

Tiller

TY..... DOUGLAS
MAGE AREA..... 17100302 PACIFIC NORTHWEST
TOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
CLASSIFICATION..... 00

SCALE QUAD NO OR NAME
62500 DAYS CREEK

TUDE LONGITUDE
57-28N 123-09-31W

NORTHING UTM EASTING UTM ZONE NO
5921.6 487056.8 +10

..... 030S
E..... 004W
IDN.. 15
DIAN. W.M.

TUDE.. 1300

ITY INFORMATION

ODITIES PRESENT..... CR

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

DESCRIPTION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

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

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL
MAX LENGTH..... 8 FT
MAX WIDTH..... 4 FT
MAX THICKNESS..... 1.5 FT
DIP OF DREBODY..... 50 SE

DESCRIPTION OF WORKINGS
SURFACE

PRODUCTION
YES
SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
DRE EST		0000.022	TONS	1955	43. % CR2O3 (CONC)
TOTAL		.022	TONS	43.00	% CR2O3 (WEIGHTED AVERAGE GRADE)

GEOLOGY AND MINERALOGY

TYPE OF HOST ROCKS..... JUR
MATRIX ROCK TYPES..... SERPENTINE

GEOLOGICAL DESCRIPTIVE NOTES. SMALL BODY OF SERPENTINE WITH NUMEROUS SMALL BLOCKS OF MASSIVE GREENSTONE -
PROBABLY, TECTONICALLY EMPLACED ALONG THRUST CONTACT.

LOCAL GEOLOGY

SIGNIFICANT LOCAL STRUCTURES:
SHEARING

LOCAL REFERENCES