# State Department of Geology and Mineral Industries

1069 State Office Building Portland 1, Oregon

# DOTTIE MAY CHROMITE

Josephine Co. Waldo Dist.

Owners: Richard M. Dixon and Sybil Nettie Sowell, Cave Junction.

Location: The deposit is located at the end of a narrow road down from the top and northeast around the side of Woodcock Mountain in the NW+ of sec. 30, T. 39 S., R. 8 W. It is .6 of a mile from the top of the mountain and about 4+ miles from U. S. Highway 199, via West Side Road.

<u>Development:</u> A shallow open cut about 20 x 50 feet and a 16-foot tunnel into the hillside (west) are the extent of workings.

Geology: About 6 tons of low-grade chromite were piled outside the portal. The chromite occurs as fairly massive but narrow streaks and disseminated grains in a partly serpentinized dun-colored dunite. A small amount of chromite was seen in place on both sides of the west-trending tunnel about 12 feet in from the portal. It apparently occurs in a narrow, north-trending zone.

The disseminated chromite grains are fairly coarse. They are up to inch in diameter but will average 1/8 inch.

A sample of chromite from the deposit was submitted to the Department for assay by Nettie Sowell (6/30/53). The sample (P-14706, NG-235) assayed 25.02 percent Cr<sub>2</sub>O<sub>3</sub> and 9.12 percent Fe. The percentage of silicate minerals was not recorded. A later sample taken at the time the deposit was visited (P-21602, RG-318) assayed 23.30 percent Cr<sub>2</sub>O<sub>3</sub>, 10.20 percent Fe, 29.67, Al<sub>2</sub>O<sub>3</sub>, and 8.33 percent SiO<sub>2</sub>.

Date visited: 6/4/57.

Report by: Len Ramp 7/22/57.

RG = 318 Cr<sub>2</sub>0<sub>3</sub>, Fe, Si0<sub>2</sub>, Al<sub>2</sub>0<sub>3</sub>

# STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

2033 First Street Baker, Oregon

Your name in full Len Ramp (DOGAMI)

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.

Are you							Jan.	
	a citizen	of Oregon?	Yes D	ate on wh	nich sample	is sent	7-23-57	
Name (or	r names) of	owners of	the prop	erty Ric	chard Dixon	& Nettie So	well	
Are you	hiring lab	or?		Are you m	nilling or s	shipping ore	?	
Name of	claim samp	ole obtaine	ed from	I	Oottie May	and an black	(CE)	
Loc						lescription :		m,
Cor	inty	Josephine		grand b	Mining Dist	rict_ Wa	ldo	
Tov	wnship 39	s Rar	ige 81	Section	on 30	Quarter	section	NW
How far	from passa	ble road?	.6 mi	At and Mi	ine Rd.	Name of	road_ Wood	Cock Mtn.
	Chan	nel (lengt	ch) Grab	Assay	for	Descr	iption	
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DO Sample I	Description	Coarse-	100 (M )	OR OFFICE	E USE ONLY -			
DO Sample I	DESCRIPTION OF	Coarse-	100 (M )	OR OFFICE	E USE ONLY -			
DO Sample I	Description	Coarse-	grained ch	OR OFFICE	USE ONLY -	tergranular	serpentine	
DO Sample I sample [ number	Description	Coarse-	grained ch	OR OFFICE	E USE ONLY -			and dunite
DO Sample I	Description  about 15	Coarse-	grained ch	OR OFFICE	th some int	lergranuler IRON	serpentine	and dunite
Sample I	Description  about 15	Coarse-	grained ch	OR OFFICE	CHROME Cr203	IRON Fe	SILICA SiO2	ALUMINA Al203
Sample I	GO OZ./T.	Coarse-	SIL oz./T.	VER Value	CHROME Cr203 23.30%	IRON Fe	SILICA SiO2 8.33%	ALUMINA Al203 29.67%

06-473 Cry 03, Fe

#### 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

06-474 Cr03,7e, Sel-

#### 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 Ray Evans	2000 TO ,6865	Licia Jeon	The depar		_
Post office address R 1 Box 780	Cave Juncti	ion, Oregon	erezanerions baro irea.	aes	
Are you a citizen of Oregon? Yes Dat	e on which sam	ple is sent	11-19-54	0.0	
Name (or names) of owners of the propert	Y Leased fro	om Nettie S	owell	od "tod	
Are you hiring labor? No Are y	ou milling or	shipping or	re? are in a d	No	_
Name of claim sample obtained from	ne sampio xes her methors th	to you too	Location 1)	eda 10	
Location of property or source of s give location with refer				nown,	
County Josephine	Mining	district	Waldo	nési	
Township 39 S Range 8 W Se	ction 30	Quarter se	ection	lin *	
art in community but work	de a 'due d'annie	ed the	ld by seepe	013	
How far from passable road and name of r	oad 4 miles i	rom west 5	ide road	10-	_
Channel (length) Grab	Assay for	Des	cription		
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Sample no. 2 X (Samples for assay show	Croo, Fe, Sio	Picked h	nigh grade f	rom Honey B	oy
()	Signed) F	Ray Evans	375 - 3716	cań.	_
DO NOT WRITE BELOW THIS LINE - FOR	OFFICE USE ONLY	- USE OTH	ER SIDE IF	DESIRED	
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Description No. 1 - Coarse-grained mass	ive chromite wi	th minor w	eathered and	lleached	-
eridotite. No. 2 - Coarse-grained, lust	rous chromite w	rith some d	unite and se	erpentine f	rom
iii					
isseminated ore. ample GOLD SILVER	CHROME	IRON	SILICA		71
umber oz./T. Value oz./T Value		Fe	SiO <sub>2</sub>		
17574	18.44%	11.96%			
17575	21.48%	10.20%			1
eport issued Card filed	Report mail	ed 12-6-54	Called fo	or	_

06-473 Cro3, 72

# 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

Cros, 72, Sio2

# 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.

Post office address  Are you a citizen of Oregon? Use Date on which sample is sent. 11/19/54  Name (or names) of owners of the property lessel from Metter Sewell  Are you hiring labor? Me Are you milling or shipping ore? No  Name of claim sample obtained from  Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)  County Josephine Mining district Walds  Township 375 Range 8 W Section 30 Quarter section  How far from passable road and name of road 4 me from West Side Road  Channel (length) Grab Assay for Description  Sample no. 1  Sample no. 2  (Samples for assay should be at least 1 found in weight)  (Signed) Assay to Use Other Side If DESIRED  Description 1 Crasse grained Massive Chromatic with many weatherd  and leached recidence that Points and Seapon has from discountable of the number of 2.7T. Value of 7T Value
Are you a citizen of Oregon?  Date on which sample is sent  11/19/54  Name (or names) of owners of the property
Name (or names) of owners of the property leased from Mettre Sawell  Are you hiring labor? Mo Are you milling or shipping ore? Mo  Name of claim sample obtained from  Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)  County Mining district Walds  Township 395 Range 8 W Section 30 Quarter section  How far from passable road and name of road 4 min from West Side Road  Channel (length) Grab Assay for Description  Sample no. 1 X Groff from Nettic Chrone Claim  Sample no. 2 (Samples for assay should be at least 1 bound in weight)  (Signed) Augustus (Signed)  DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED  Description 1 Craves grained wassion through with more wisthed and leached resident #2 Craves grained besterness  Chronice with same don't and Sampahae from disseminated and sampahae from disampahae from disseminated and disseminated
Name of claim sample obtained from  Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)  County Josephine Mining district Walds  Township 395 Range 8 W Section 30 Quarter section  How far from passable road and name of road H min from West Side Road  Channel (length) Grab Assay for Description  Sample no. 1  Sample no. 2  (Samples for assay should be at least 1 found in weight)  Claim  DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED  Description 1 Charse grained Massiot Chromics with mines withhead  and leached pridotile #2 Poarse grained best rous  Chromics with Same domite and Sampungs from disseminated and  Sample GOLD SILVER
Name of claim sample obtained from  Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)  County Josephine Mining district Walds  Township 395 Range 8 W Section 30 Quarter section  How far from passable road and name of road 4 min from West Side Road  Channel (length) Grab Assay for Description  Sample no. 1 X Crofts from West's Chrono Claim  Sample no. 2 X Crofts From West's Chrono Claim  (Samples for assay should be at least 1 found in weight)  (Signed) Augustus (Signed)  DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED  Description 1 Craves grained wassion through with mine withkeed and leached peridotists #2 Craves grained besterous  Chronics with same during and Sempenhage from disseminated and Sample GOLD SILVER
Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)  County
Gounty Grephine Mining district Walds  Township 395 Range 8 W Section 30 Quarter section  How far from passable road and name of road 4 min from West Side Road  Channel (length) Grab Assay for Description  Sample no. 1 X Croffe from Nettie Chrono Claim  Sample no. 2 X Croffe from Nettie Chrono Claim  (Samples for assay should be at least 1 found in weight)  Claim  DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED  Description 1 Crarse grained Massive Chromote with miner weatherd  and leached residotife #2 Coarse grained besterous  Chromote with same donite and Serpentine from disseminated and Sample GOLD SILVER
Township 395 Range 8 W Section 30 Quarter section  How far from passable road and name of road 4 min from West Side Road  Channel (length) Grab Assay for Description  Sample no. 1 X Col. 7 From We Hie Chrone Claim  Sample no. 2 X Col. 7 Ricked high goads from Howey (Samples for assay should be at least 1 found in weight)  Claim  (Signed) Assay Country Use Other SIDE IF DESIRED  Do Not write Below this Line - For Office Use Only - Use Other SIDE IF DESIRED  Description 1 Coarse grained Massive Chromite with miner weatherd  and leached revidetite #2 Poarse grained lesterous  Chromite with same durife and Seapentine from disseminated and Sample GOLD SILVER
Channel (length) Grab Assay for Description  Sample no. 1  Sample no. 2  Coo, for from Wettie Chrone Claim  (Samples for assay should be at least 1 pound in weight)  (Signed)  DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED  Description #1 Coarse grained Massive Chromite with mover weatherd  and leached genidetite #2 Coarse grained besterous  Chromite with same denife and semanting from disseminated and  Sample GOLD SILVER
Channel (length) Grab Assay for Description  Sample no. 1  Sample no. 2  (Samples for assay should be at least 1 pound in weight)  (Signed)  Do Not Write Below this line - For Office Use Only - Use other side if Desired  Description #1 Coarse grained Massive Chromite with miner weatherd  and leached genidetite #2 Coarse grained lesterous  Chromite with same denife and semanting from disseminated and Sample Gold Silver
Channel (length) Grab Assay for Description  Sample no. 1  Sample no. 2  A Cro Fe Silo Picked high grade from Honey  (Samples for assay should be at least 1 pound in weight)  (Signed)  DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED  Description  Description  To asse grained Massion Chromite with miner weatherd  and leached peridotite #2 Poarse grained besterous  Chromite with same donite and serpontine from disseminated and  Sample GOLD SILVER
Sample no. 1  X Cro, 72 Sion Picked high grade from Honey 1  (Samples for assay should be at least 1 found in weight)  (Signed)  DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED  Description #1 Crarse grained Massive Chromite with minor weatherd  and leached revidetite #2 Poarse grained besterous  Chromite with same donite and sorpenting from disseminated and  Sample GOLD SILVER
Sample no. 2  (Samples for assay should be at least 1 pound in weight)  (Signed)  (Signed)  DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED  Description *1 Coarse grained Massive Chromite with miner weatherd  and leached peridotife #2 Coarse grained Justerous  Chromite with same durife and serpenting from disseminated and  Sample GOLD SILVER
(Signed)
DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED  Description #1 Coarse grained Massive Chromite with minor weatherd  and leached peridotite #2 coarse grained Justerous  chromite with same donite and serpenting from disseminated and  Sample GOLD SILVER
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Description #1 Coarse grained Massive Chromite with minor weatherd  and leached peridotite #2 coarse grained Justerous  chromite with same donite and serpenting from disseminated and  Sample GOLD SILVER
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chronice with some donife and serpentine from disseminated and
chromite with some don'te and serpentine from disseminated or
Sample GOLD SILVER
number   oz./T.   Value   oz./T   Value
Report issued Card filed Report mailed Called for

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ORE MATERIALS (MINERALS, ROCKS, ETC.):
CHROMITE
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COMMODITY COMMENTS: HIGH ALUMINA

ANALYTICAL DATA (GENERAL)
25.02% CR203, 9.12% FE; MASSIVE REFRACTORY DRE - 23.30% CR203, 10.20% FE, 29.67% AL203, 8.33% SID2

STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MASSIVE CHROMITE
FORM/SHAPE OF DEPOSIT: NARROW STRINGERS

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL
STRIKE OF DREBODY.... NORTH
COMMENTS(DESCRIPTION OF DEPOSIT):
6 TONS OF LONG GRADE PILED

PRODUCTION UNDETERMINED

GEDLOGY AND MINERALOGY

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

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, DR ROCK TYPES

1) NAME: JOSEPHINE PERIODTITE

AGE: JUR

RECORD NUMBER (M013279) HAS BEEN MERGED WITH THIS RECORD AND DELETED FROM THE DREGON FILE.

# GENERAL REFERENCES

- 1) RAMP, LEN, 1961, CHROMITE IN SOUTHWESTERN DREGON: DREGON DEPT. GEOLOGY AND MINERAL IND. BULL. 52, 169 P.
- 2) RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, DREGON; DOGMI BULL. 100,

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M 061652

RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS

DEPOSIT NO..... DDGMI 100-376

MAP CODE NO. OF REC ..

REPORTER

UPDATED..... 81 02

BY ..... FERNS MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION DEPOSIT NAME.....

NOTTIE MAY

MINING DISTRICT/AREA/SUBDIST. WALDO

COUNTRY CODE ..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... DF

STATE NAME: DRESON

COUNTY..... JOSEPHINE

DRAINAGE AREA..... 17100 B11 PACIFIC NORTHWEST

PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION .... 49

QUAD SCALE 1: 62500 QUAD NO OR NAME CAVE JUNCTION

LATITUDE 42-09-10N LONGITUDE 123-41-48W

UTM NORTHING 4666750. UTM EASTING

UTM ZONE NO

TNP..... B9S
RANGE.... O8W
SECTION.. 30
MERIDIAN. W.M.

ALTITUDE .. 3120

COMMODITY INFORMATION
COMMODITIES PRESENT..... CR