

Potato Patch Mine

Almond

6/46

NAME OLD NAMES PRINCIPAL ORE MINOR MINERALS

~~145~~ 31E 3
T R S

PUBLISHED REFERENCES

Nant COUNTY

Bay AREA

ELEVATION

MISCELLANEOUS RECORDS

ROAD OR HIGHWAY

DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S)

Address

OPERATOR

Name of claims Area Pat. Unpat.

Name of claims Area Pat. Unpat.

EQUIPMENT ON PROPERTY

REPORTS

Potato Patch Mine NSW Feb. 9, 1942

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SHIPMENT AND ASSAY RECORDS

Potato Patch Mine (Confidential Report) NSW 2-9-42
 Metals Reserve Ore Purchasing Records for the Stockpile at Seneca, Mont B

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MAPS

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

POTATO PATCH CHROMITE
(Norway and Smith & Geitsfield)

Grant County
Canyon District

Location: Sec. 3, T. 14 S., R. 31 E.

Owners: Einar P. Olsen, Mrs. Charles Surfus, and Edgar G. Olsen.

Leased by: The Tri-County Mining & Concentrating Corporation, John Day, Oregon.

Westgate (1921) and Thayer (1940) reported on the Norway and Smith & Geitsfield properties. The properties occur on low barren serpentine hills about 2 miles west of Canyon City. The deposits consist of sheared lenses and kidneys of chromite, some of which is better than 42 percent Cr_2O_3 . The method of mining used was locally called "digging potatoes" as much of the ore recovered was from near-surface float. The area is now called the Potato Patch mine.

Previous mining discarded ore averaging 15 to 25 percent Cr_2O_3 which has recently been recovered from the dumps and milled by the Tri-County Mining & Concentrating Corporation. They shipped about 42 tons of concentrates from the Potato Patch ore in 1952. The concentrates averaged about 45 percent Cr_2O_3 , with 2.1 to 1 chrome-iron ratio. Further mining on the Potato Patch is expected in 1953.

References: Westgate, L. G. (1921), Deposits of chromite in eastern Oregon:
U. S. Geol. Survey Bull. 725, p. 37-60.
Thayer, T. P. (1940), Chromite deposits of Grant County, Oregon:
U. S. Geol. Survey Bull. 922-D.

Informant: E. R. Wells, Mt. Vernon

Visited: 11/8/52 by N.S.W. & L.R.

Report by: L.R.

State Department of Geology and Mineral Industries

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702 Woodlark Building
Portland, Oregon

Compiled by N. S. Wagner
Date: February 9, 1942

Canyon Area - Grant County

STATE DEPT OF GEOLOGY
& MINERAL INDS.

Name: Potato Patch Mine (Chrome)

Location: T. 14 S., R. 31 E. - S. 3.

History: During 1942 and 1943 this property was developed by Messrs. Isgrig and Lilley and Prescott and Mason. The latter shipped by far the bulk of the 170 tons accredited* to the property. The grade of this ore ranged between 35.08 and 48.0% Cr_2O_3 with the preponderance of the tonnage shipped being in excess of 40.0% Cr_2O_3 . The Cr:Fe ratio varied between 3.4:1 and 2.22:1. The property is not now being worked.

* From records of ores purchased at Seneca depot of the Metals Reserve.

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

POTATO PATCH MINE

Canyon Area
Grant County

The following is a record of concentrates milled from this property and shipped to the government buying depot in Grants Pass during 1952. This represents the only known production since that made to the Seneca depot during 1942 and 1943 as recorded in a report under the above name compiled by N. S. Wagner in 1944. The following figures were supplied by Mr. J. A. Curson, General Manager of the Tri-County Mining & Concentrating Corporation, November 22, 1952.

Potato Patch Ore

Lead No. 1 & 2 (combined)

August 12-18, 1952

Net dry weight - 19.2933 long tons

<u>Chromic oxide</u>	<u>Iron</u>	<u>Chromium to iron</u>	<u>Silica</u>
43.67%	14.55	2.053 to 1	8.88

Lead No. 3

August 29, 1952

Net dry weight - 11.4750 long tons

<u>Chromic oxide</u>	<u>Iron</u>	<u>Chromium to iron</u>	<u>Silica</u>
45.58%	14.73	2.117 to 1	6.76

Lead No. 4

September 5, 1952

Net dry weight - 11.5750 dry tons

<u>Chromic oxide</u>	<u>Iron</u>	<u>Chromium to iron</u>	<u>Silica</u>
46.23%	14.85	2.129	6.08

Total concentrates milled from Potato Patch ore - 42.3433 long tons dry weight.

Report by: N. S. Wagner
Date: November 24, 1952