

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

JOSEPHINE MINE (chrome mine)

REPORT BY: E.A. Youngberg  
DATE: November 6, 1944

Illinois River  
Josephine County

Owner: O. Robertson

History: Produced 150 tons of chrome ore during World War I.

Location: The mine is located in Section 16, Township 37 S, Range 9 W. which is approximately a mile due north of the Oregon Chrome Mine and 15 miles down the Illinois River road from Selma. The Josephine Mine may be reached by a newly built road which branches to the east of the Illinois River road about  $\frac{1}{2}$  mile below the Oregon Chrome Mine's ore bin. The mine is approximately  $\frac{1}{2}$  mile from the Illinois River Road.

Geology: The chrome occurs in a dunite lens about 5 feet wide in serpentine. The chromite has a banded appearance in the dunite. One band of chromite was about 10 inches wide and appeared to be of good grade. The ore was very soft and friable.

To obtain ore of shipping grade it appeared that much sorting and cobbing would be required. No ore had been shipped from the mine during World War II. Development work was being carried on in the fall of 1944, but the road to the mine was impassible because of fall rains and it did not appear that any shipments could be made before the spring of 1945.