

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

BRASS HANDLE CLAIM (chromite), Upper Burnt River Area

Baker County

The Brass Handle Claim is located east of the east fork of Clarks Creek in Section 34, T.14S., R. 41E., W.M. It is 3/4 mile east and 800 feet above the Clarks Creek camp of the owners, H. C. Smith of Baker, Oregon, and E. E. Stauffer of Bates, Oregon.

The rolling sage brush hills are covered with a heavy mantle of soil. The top of the hill and north slope, on which the claim is located, shows occasional pieces of chrome float. Three shallow pits yielded about 3/4 ton of high grade chrome (53-55% Cr₂O₃) This chrome is piled near the pits. Fragments of tuff and argillite were found in these pits, but no serpentine or ultra basic rocks were observed. The chromite rocks are worn and no serpentine is adhering to the chrome, indicating that the chrome is float.

An exposure of serpentine was noted 3/4 miles northwest of the pits. No pieces of chrome float could be found in this vicinity.

It is believed that intensive work on this claim would produce less than 5 tons of chromite. It is estimated that one ton of chrome could be gathered from float that is now on the surface and piled near the pits.

Hugh K. Lancaster
Hugh K. Lancaster,
Field Engineer
Apr. 20, 1942.

Cross Handle

NAME

OLD NAMES

Quinn

PRINCIPAL ORE

MINOR MINERALS

14S

T

41E

R

34

S

PUBLISHED REFERENCES

Baker COUNTY

Upper Grand Basin AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) *W. Smith*

Address *Baker, Oregon*

..... *E. E. Stauffer*

..... *Cates, Oregon*

OPERATOR

Name of claims Area Pat. Unpat.

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EQUIPMENT ON PROPERTY