

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Examination by N. S. Wagner
October 10, 1944
for W. H. Yankee

BULGER HILL GARNET OCCURRENCE (Baker County)

GENERAL: Mr. Yankee brought to this office several large specimens composed almost entirely of red garnet. He reported the occurrence to be 8 feet thick in one exposure with indications that it ran several hundred yards. There is no claim, and the occurrence goes by no established name.

LOCATION: The south side of Bulger Hill, T. 7 S., R. 38 E. Section 9.

GEOLOGY: As shown on the geologic map of the Supter Quadrangle, a small amount of argillite occurs on the south side of Bulger Hill. This contains narrow lenses of limestone, now largely altered to marble. The garnet is developed between the contacts of these formations and the granite-diorite which lies to the south. As claimed, great thickness of essentially pure garnet are to be seen, but its extension isn't clearly shown to be several hundred yards. Croppings do occur along a strike over a distance of several hundred yards but in all probabilities prospecting trenching would show a series of small, independent bunches of garnet rather than one continuous vein.

No tungsten, and a very little amount of pegmatitic rock is to be seen.