

April 8th, 1941. *RA*
State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

NO NAME MANGANESE

GOLD HILL AREA

Owner:

Location: sec. 25, T. 35 S., R. 4 W., and sec. 30, T. 35 S., R. 3 W.
on Wards Creek, east of the Gold Chloride prospect.

Area:

History: Manganiferous material has been prospected in this area for a number of years. Little has been done with it other than a few test pits.

Geology: The "ore" material lies within the May Creek Schist of Diller, or the Applegate series of Wells & Hotz. These schists contain lenses and bands of manganiferous material, usually rhodonite. The rhodonite has weathered at the surface to manganese oxides. The oxides frequently assay rather high in manganese, but they will also assay rather high in combined silica

Material seen is of the weathered rhodonite type. Chunks of black oxide show pink to whitish rhodonite when the chunks are broken down.

There are several test pits covering an area of about a mile. The few seen are of the Rhodonite type. There is no road or trail to the deposits.

Conclusions: The mountainside has showings of manganese oxide mixed with rhodonite. Some "ore" has been exposed in shallow test pits. No conclusions as to the width of the ore body, or its size could be obtained from the meager workings. The presence of rhodonite practically excludes it from economic consideration at this time.

Ray C. Treasher,
Field Geologist,
April 8th, 1941.