

BOULDER MANGANESE AND MINERAL LEDGE

Greenback area

Owner: Dan N. Trudell, 329 West L Street, Grants Pass, Oregon.

Location: sec. 25, T. 33 S., R. 5 W., on King Mt. road, just east of its crossing with Boulder Creek.

Area: One claim, held by location, dated Aug. 31, 1940, recorded at Grants Pass, Oregon.

History: It is reported that this deposit produced a small amount of manganese during the first World War; as nearly as could be determined the operating company was called the Oregon Manganese Company (see Parks and Swartley, p. 173).

Development: There is one short adit about 100 feet long. Manganese stained rock shows at the portal and inside about 40 feet a small pocket was taken out. Just above the tunnel is a shallow prospect trench that exposes a brownish rock which might be mistaken for manganese ore. There are reports of more workings up the hill, but none could be found. There is also a report of workings about $\frac{1}{4}$ mile northwest, but these could not be found.

Geology: The country rock is classed by Diller as Galice formation but the U.S.G.S. has identified it as similar to the Applegate series of the Illinois Valley. The rock is quite slaty and seems to be quartzose to cherty. Manganese oxides stain many cleavage surfaces and in some places make the rock appear quite black.

No samples were cut, as the "good ore" was situated at a place where it was considered unsafe to cut a sample. However, "ore" piled on the dump was collected - it would not run over 5 percent manganese oxide.

The structural trend is N. 35° E., dip is 45° S.E.

Conclusions: The manganese ore consists of country rock stained by manganese bearing solutions. It is possible that further development might expose material which has had sufficient concentration of oxides to make ore.

Reference: Libbey 42:25-26

Report by: Ray C. Treasher, April 8th, 1941