

April 8th, 1941.

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

## NEATHAMER MANGANESE

GOLD HILL AREA

### Owner:

Location: west center sec. 6, T. 35 S., R. 3 W., on hill north of the Evans Creek Road.

### Area:

History: It is reported that the same outfit that operated the Oregon Manganese Co. on Coyote Creek mined ore at this deposit and stock piled it along the road. No ore was shipped, however.

Geology: The deposit lies within the May Creek schist (Devonian?) of Diller's Riddle folio. The May Creek schist is considered as part of the Applegate series by Wells and Hotz of the U. S. G. S. These schists contain lenses and bands of manganiferous material, usually rhodonite. The rhodonite has weathered at the surface to manganese oxides. The oxides will frequently assay rather high in manganese, but they will also assay rather high in combined silica.

This deposit is of the weathered rhodonite type. When chunks of ~~black~~ black oxide are broken, the pink rhodonite usually shows someplace within the specimen.

The principal deposit is near the top of the "mountain" at an elev. of 2700-3000 feet, and about 1500 feet above the highway. There is no road, and no trail to the deposit. Surface excavations constitute the only work.

Conclusions: The mountainside has showings of manganese oxide mixed with rhodonite. Some "ore" has been mined and piled at the roadside. 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 8, 1941.

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702 Woodlark Building  
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GREENBACK AREA

BOULDER MANGANESE AND MINERAL LEDGE

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

Location: sec. 25, T. 33 S., R. 5 W., on King Mtn. 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 claimed that this deposit produced a small amount of manganese during the first World War; as nearly as could be determined it was 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 ft. a small pocket was taken out. Just above the tunnel is a shallow prospect trench that exposes a brownish rock that 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  $\frac{1}{2}$  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 go over 5 percent manganese oxide.

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

Conclusions: The manganese ore is hardly ore - it consists of country rock that is stained by manganese bearing solutions. It is possible that further development might expose rock in which there has been sufficient concentration of oxides to make the rock become ore.

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

SITE NAME: LEE  
SYNONYMS: NEATHAMER , CAPITOL HILL  
OWNER:  
LOCATION:  
MINING\_DIS:GOLD HILL  
BLM\_FS\_DIS:  
QUAD1: CANYONVILLE  
QUAD2: WIMER  
RIVER BASIN:17  
PHYSIOG: 13 KLAMATH MOUNTAINS

COUNTY: JACKSON

SCALE: 100000 TOWNSHIP:035S  
SCALE: 62500 RANGE:003W  
SECTION:06  
SECT\_FRACT:

USGS NUM: M061308  
DOGAMI MLR:

LAT:42-33-37N  
LONG:123-06-23W

REPORTER: JOHNSON, MAUREEN G.  
AFFILIATION: USGS  
REP\_DATE:  
UPDATE BY: FERNS, MARK L.  
AFFILIATION: ODGMI  
UP DATE: 81 01

UTM\_N:4711773  
UTM\_E:491258  
UTM\_Z:+10  
ALTITUDE:

YR\_DISC:  
PRODUCTION:YES  
COMMODITIES PRESENT:MN

STATUS: 3  
PRODUCTION SIZE:

YR\_1ST\_PRO:  
COMMODITIES PRODUCED:MN  
ORE\_MAT: RHODONITE, MANGANESE OXIDES  
GANGUE: QUARTZ

YR\_LASTPRO:

DEPOS\_TYP:  
MIN AGE:  
HOST\_ROCK: QUARTZITE QUARTZ MICA SCHIST QUARTZ MICA SCHIST  
HOST\_R\_AGE:PRE-LTRI  
ALTERATION:OXIDIATION

IGNEOUS\_R:  
IG\_R\_AGE:  
ORE\_CNTRL: RHODONITE IN QUARTZITE IS ALWAYS WITHIN 100 FT. OF QUARTZITE  
-SCHIST CONTACT

DEP\_DESCOM:SIZE VARIES, GENERAL GIVEN  
GEOLOG\_COM:

TYPE OF WORKINGS:  
WORKINGS DESCRIPTION:ADITS 90, 20, PITS, TRENCHMINED & STOCKPILED IN 1916, NOT  
SHIPPED

CUMULATIVE PRODUCTION (UNITS IN 1000'S)

|        |        |        |
|--------|--------|--------|
| ITEM1: | ITEM2: | ITEM3: |
| AMT1:  | AMT2:  | AMT3:  |
| UNIT1: | UNIT2: | UNIT3: |
| YEAR1: | YEAR2: | YEAR3: |
| ITEM4: | ITEM5: | ITEM6: |
| AMT4:  | AMT5:  | AMT6:  |
| UNIT4: | UNIT5: | UNIT6: |
| YEAR4: | YEAR5: | YEAR6: |

GENERAL COMMENTS: U.S.B.M. STUDIED THIS AS TYPICAL OF THE TYPE

REFERENCES:

OREGON METAL MINES HANDBOOK, 1943, ODGMI BULL 14-C, VOL 2, SEC  
2, P 84

APPLING, R N, 1958, MANGANESE DEPOSITS OF SOUTHWESTERN OREGON;  
USBM REPT INVEST 5369, P 41