

RECORD IDENTIFICATION

RECORD NO..... M061308
 RECORD TYPE..... XIM
 COUNTRY/ORGANIZATION. USGS
 MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
 UPDATED..... 81 01
 BY..... FERNS, MARK L.; (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... LEE
 SYNONYM NAME..... NEATHAMER, CAPITOL HILL, CAPITOL HILL

MINING DISTRICT/AREA/SUBDIST. GOLD HILL

COUNTRY CODE..... US
 COUNTRY NAME: UNITED STATES

STATE CODE..... OR
 STATE NAME: OREGON

COUNTY..... JACKSON
 DRAINAGE AREA..... 17 RIGUE RIVER
 PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
 LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME
 1: 62500 WIMER

LATITUDE LONGITUDE
 42-33-37N 123-06-23W

UTM NORTHING UTM EASTING UTM ZONE NO
 4711773.8 491258.5 +10

TWP..... 35S
 RANGE..... 09W
 SECTION.. 06
 MERIDIAN. W.M.

COMMODITY INFORMATION

COMMODITIES PRESENT..... MN

PRODUCER(PAST OR PRESENT):
 MAJOR PRODUCTS.. MN

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 4

DESCRIPTION OF DEPOSIT
FORM/SHAPE OF DEPOSIT: PODS

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL
DEPTH TO BOTTOM..... 5 FT.
MAX LENGTH..... 12 FT.
MAX WIDTH..... 4 FT.
COMMENTS(DESCRIPTION OF DEPOSIT):
SIZE VARIES, GENERAL GIVEN

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):
ADITS 90, 20, PITS, TRENCH

PRODUCTION
NO PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)
23 MN, OCCUR MN

PRODUCTION COMMENTS.... MINED & STOCKPILED IN 1916, NOT SHIPPED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PRE-LTRI
HOST ROCK TYPES..... QUARTZITE QUARTZ MICA SCHIST QUARTZ MICA SCHIST

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS.. RHODONITE IN QUARTZITE IS ALWAYS WITHIN 100 FT. OF QUARTZITE -SCHIST CONTACT

GEOLOGICAL DESCRIPTIVE NOTES. OVERBURDEN IS 2 TO 8 FT. DEEP

LOCAL GEOLOGY

SIGNIFICANT ALTERATION:
OXIDATION

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

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

LEE PROPERTY (Manganese)

GOLD HILL DISTRICT

Leasee: Horace F. Lee.

Location: NW $\frac{1}{4}$ sec. 6, T. 35 S., R. 3 W.;

Area: 160 acres.

History: The following is quoted from the Hodge 1/ report:

"The property is in the NW $\frac{1}{4}$ sec. 6, T. 35 S., R. 3 W., under lease to Horace F. Lee, consists of 160 acres, on which there are several manganese outcrops. The manganese is a replacement in quartzite and was derived from rhodonite. It is very siliceous and of doubtful value as a manganese ore. The outcrops range from 2060 to 2520 feet in elevation, and were opened in search of gold. The rock on the dump looks like fine manganese ore, but when fragments are broken, the manganese is revealed as only a superficial coating on quartzite. The dip of the quartzite is plus or minus 25° N. 60° E."

"The best showing is on the ridge where the manganese is lower in silica. The manganese would have to be hauled 11.5 miles to the Rogue River, then ~~be~~ loaded into freight cars and shipped 306 miles to Portland by the Southern Pacific Railroad."

"A four-pound sample across the best manganese, from one to two feet wide, on analysis yielded:

SiO ₂	33.83
Fe ₂ O ₃	9.79
P ₂ O ₅	
MnO.....	34.29
Undetermined..	22.09
	<u>100.00</u>

Moisture..... 1.66"

1/ Hodge, Edwin T., Preliminary Report on some Northwest Manganese Deposits, War Department.

Reference: *Libbey & Othous 42:20 (quoted)*