

March 19, 1942

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon
Gold Hill area

HIDDEN TREASURE (gold)
(old name: Homestake)

Owners: R. L., and G. C. Irwin, Rogue River, Oregon.

Location: NW $\frac{1}{2}$ sec. 16, T. 36 S., R. 4 W., about 1 mile N.W. of Rogue River, Oregon, on the S.E. flank of Fieldner Mt.

History: Parks & Swartley reported as follows:

"The Homestake Mine is in the NW $\frac{1}{2}$ sec. 16, T. 36 S., R. 4 W., about 1 mile northwest of Woodville, at an elevation of 1600 feet by barometer, and is owned by Dr. C. R. Ray, of Medford."

"The main entry extends northwest about 300 feet and thence northwest about 200 feet, crossing numerous small quartz veins and stringers. The country rocks are impure quartzites and argillites. The upper adit strikes a well defined quartz vein about 12-18 inches thick, which strikes N. 35° W. and dips 35° N.E. Caved ground prevented learning how far the vein was followed. The mine is equipped with a 5-stamp mill having a concentrator and slime table. The ore contains pyrite, and a little galena and sphalerite; telluride of gold is reported in it, but it was not observed."

Development: Recent work by Irwin includes a 31 foot shaft being sunk at the present time and a 50 ft. adit. The old Homestake workings are not safe for entry.

Geology: Country rock belongs to the metavolcanic series. The quartz is bluish and contains pyrite, chalcopyrite, a small amount of galena; and sphalerite and tellurides are reported. Sheared country rock adjacent to the quartz vein shows abundant chalcopyrite, in places.

Informant: G. C. Irwin and R. C. Treasher, March 18, 1942.

Reference: Parks & Swartley, 16:124 (quoted).

RECORD IDENTIFICATION

RECORD NO..... M013874
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
FILE LINK ID..... CONSV
MAP CODE NO. OF REC..

REPORTER

NAME..... LEE, W
DATE..... 74 01
UPDATED..... 80 12
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... HIDDEN TREASURE
SYNONYM NAME..... HOMESTAKE

MINING DISTRICT/AREA/SUBDIST. GOLD HILL

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

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

COUNTY..... JACKSON

QUAD SCALE QUAD NO OR NAME
1: ~~GOLD HILL~~ Rogue River

LATITUDE LONGITUDE
42-26-26N 123-11-05W

UTM NORTHING UTM EASTING UTM ZONE NO
4698500. 484800. +10

TWP..... 36S
RANGE.... 04W
SECTION.. 16
MERIDIAN. WILLAMETTE

ALTITUDE.. 1600'

POSITION FROM NEAREST PROMINENT LOCALITY: NW1/4 AT 1600 FEET ELEVATION.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU AG CU PB ZN? TE?

POTENTIAL.....
OCCURRENCE..... AG CU PB

ORE MATERIALS (MINERALS, ROCKS, ETC.):
CHALCOPYRITE, GALENA, SPHALERITE?, TELLURIDES?; PYRITE

MAIN ORE MINERALS:
CHALCOPYRITE, GALENA, SPHALERITE?, TELLURIDES?

MINOR ORE MINERALS:
PYRITE

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 4
PROPERTY IS INACTIVE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEINLETS
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL
MAX WIDTH..... 18 IN
STRIKE OF OREBODY..... N35W
DIP OF OREBODY..... 35NE

DESCRIPTION OF WORKINGS
UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):
30 FT SHAFT AND 50 FT ADIT OPEN IN 1942. 500 FT OF OLDER WORKINGS CAVED. EQUIPPED WITH 5-STAMP MILL, EARLY 19

PRODUCTION
YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., ORE BURD.)

PRODUCTION COMMENTS..... NO PRODUCTION FIGURES AVAILABLE

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI
HOST ROCK TYPES..... ARGILLITE, IMPURE QUARTZITE, METAVOLCANICS
PERTINENT MINERALOGY..... QUARTZ