

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

SCOTT MINE (Au)

STATE DEPARTMENT OF
& MINERAL INDUSTRIES

Upper Applegate Dist.
Jackson County

Owners: The property is at least in part deeded land owned by Mr. ^{Vaughn} Tom Burlingham, Tahoe City, California. Location notice at the workings (shaft), dated 8/3/57, was posted by Victor S. Kasser, Medford, and Steve Bloss. It was located as the Mother Lode claim.

Location: SW $\frac{1}{4}$ sec. 13 & SE $\frac{1}{4}$ sec. 14, T. 38 S., R. 4 W. A shaft is located on the northwest-trending ridge in the SW $\frac{1}{4}$ of sec. 13 at 2,585 (altimeter) elevation. A caved tunnel is located about 700 feet S. 60° W. from the shaft and about 400 feet lower in the SE $\frac{1}{4}$ of sec. 13. The area is reached via Highway 23, Humbug Creek road for 1 mile, and 2/3 mile of trail up the ridge to the shaft.

Development: The shaft is about 45 feet deep and is on an incline of 60° to the SW. The tunnel is caved near the entrance. It appears to head in a N. 60° E. direction and judging from the size of the dump is about 500' long.

History: About 1900(?) a few tons of \$75 ore were reported to have been sledded down the ridge and hauled to a mill at Applegate by Ben Thurston's father.

Geology: The shaft was sunk on a narrow vein (mineralized shear zone) striking N. 50° W. and dipping 60° SW. The hanging wall is a partly decomposed diorite and the footwall is fractured metavolcanic rock belonging to the Applegate group (See geologic map of Grants Pass Quad by Wells, et al, 1940). A greenish gray porphyritic dike rock of probable dioritic composition is exposed in the small cut on the west side of the shaft. Small chunks of fresh porphyry in the dump indicate that the dike

was cut by the shaft.

A sample consisting of several 6 to 14-inch cuts across the vein in the east wall of the shaft (TG-42, P-23945) assayed only \$1.40 in gold and no silver. The sample was described as iron-stained, sulphide-impregnated, fractured metavolcanic rock with minor quartz.

Rock from the dump, of the tunnel is a hard greenish gray metavolcanic (greenstone) with minor calcite and quartz veinlets but with no evidence of mineralization other than a small amount of disseminated pyrite.

The ore hauled out from the shaft must have been from a small ore-shoot in the vein. Efforts to encounter the vein at depth with the tunnel were apparently unsuccessful.

Visited: 3/20/59.

Reference: Wells, et. al. Prelim. Geologic Map of the Grants Pass Quadrangle, Oregon, 1940.

Informant: J. W. Pressler.

Report by: Len Ramp 9/8/59.

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CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M061104
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..... SCOTT MINE
MINING DISTRICT/AREA/SUBDIST. UPPER APPELEGATE
COUNTRY CODE..... US
COUNTRY NAME: UNITED STATES
STATE CODE..... OR
STATE NAME: OREGON
COUNTY..... JACKSON
DRAINAGE AREA..... 17 APPELEGATE RIVER
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 00

QUAD SCALE QUAD NO OR NAME
1: 62500 GOLD HILL

LATITUDE LONGITUDE
42-15-48N 123-07-48W

UTM NORTHING UTM EASTING UTM ZONE NO
4678808.0 489272.4 +10

TWP..... 38S
RANGE..... 04W
SECTION.. 13
MERIDIAN. WILLAMETTE

LOCATION COMMENTS: NW 1/4 SW 1/4

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 1

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LODE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

STRIKE OF DREBODY..... N50W

DIP OF DREBODY..... 60

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):

DEVELOPED BY A 300 FOOT TUNNEL

PRODUCTION

UNDETERMINED

23 AU, EST

SOME?

PRE 1948

AU

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI

HOST ROCK TYPES..... METAVOLCANICS

PERTINENT MINERALOGY..... QUARTZ, CALCITE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: APPLIGATE GROUP

AGE: PERM-TRI

SIGNIFICANT LOCAL STRUCTURES:

FAULT INTERSECTION?

GENERAL COMMENTS

NO REFERENCES FOUND FOR THIS MINE

GENERAL REFERENCES

1) RAMP, L, 1959, SCOTT MINE, DDGMI UNPUBLISHED FILE REPORT.

2) WELLS, F G AND OTHERS, 1940, PRELIMINARY GEOLOGIC MAP OF THE GRANTS PASS QUADRANGLE; DDGMI GEOL. MAP