

# State Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

## CALUMET MINE (Au)

Jackson County  
Gold Hill District

Owners: S. S. Hatch, G. L. Hatch, and H. O. White, Rogue River and Grants Pass.

Area: Three claims held by location.

Location: Amended to legal subdivisions Jan. 1954 to include the SE $\frac{1}{4}$  of SW $\frac{1}{4}$  sec. 5, T. 37 S., R. 4 W. and the W $\frac{1}{2}$  SW $\frac{1}{4}$  of SE $\frac{1}{4}$  sec. 5, T. 37 S., R. 4 W. The mine is reached via Birdseye Creek road for 4 miles to Zimmerman cabin and about  $\frac{1}{2}$  mile of trail west up the canyon. Elevation of the lower north adit is about 2,400 feet. The upper, south or prospect tunnel, is 95 feet higher and enters from the south side of the ridge at a point about 200 yards N. 15<sup>o</sup> W. from the  $\frac{1}{4}$  corner of secs. 5 and 8.

Development: Workings consist of a lower 215 foot cross-cut tunnel with an 80-foot "rat hole" raise, a 180-foot "prospect" tunnel (drift) and caved surface cuts (see map).

History and production: The original locator was Phil Robinson who in the late 1800s took out a surface pocket (reportedly about \$700.00 worth). Some time during the early 1900s Mr. Cotton and his 2 sons, one of whom (Jess Cotton) is still living on Birdseye Creek, worked the claim in the surface cuts which lie above the prospect tunnel.

The claim layed idle then till 1934 when Sam L. Sandry and Jim M. Whipple, Rogue River, located it and drove the "prospect" tunnel. Sandry and Whipple sold the mine to a development company about 1937. The company put in the lower crosscut tunnel and raise before going broke. The mine then reverted back to Sandry and Whipple who later sold it to C. S. Hatch, father of the present owners. Work since that time has consisted

only of annual assessment work.

Sandry and Whipple reportedly produced the largest amount from their work in the prospect tunnel and its stopes. The ore was milled in an arrastra situated in the creek below the workings. No record of the amount of their production was obtained.

Geology: The values occur in a narrow quartz vein which strikes northwest and dips  $80^{\circ}$  SW. Thickness of the vein where exposed in the prospect drift varies from 3 to 7 inches. In places 1-inch parallel veinlets occur in the 2-foot fracture zone along with the main vein.

The country rock consists mainly of Applegate group metavolcanics and metasediments which have been intruded by diorite dikes. Deeply weathered diorite is exposed near the face of the prospect drift. A larger cross-cutting vein is reported to be exposed in the face of the underhand stope of the prospect drift, but water discouraged examination of it.

Samples were taken from 3 places in the prospect drift. Sample XG-68, a 24-inch cut taken across the southeast wall of the underhand stope or winze about 2 feet below the sill and about 110 feet from the portal assayed 0.52 oz./ton Au and 0.20 oz./ton Ag. Sample XG-69, a 5-inch cut of the vein only in the back at a point 20 feet toward the portal from sample XG-68 assayed 0.54 oz./ton Au and 0.50 oz./ton Ag. Sample XG-70, a 6-inch cut from the vein only in the back at a point 35 feet toward the portal from sample XG-69 assayed 0.28 oz./ton Au and 0.20 oz./ton Ag.

Visited: 4/3/63.

Informant: Gordon Hatch.

Report by: Len Ramp 4/15/63.

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RECEIVED  
JUL 3 1963

STATE DEPT. OF GEOLOGY  
& MINERAL INDS.

4-3-63

### History Calumet

Original locators Phil  
~~that~~ Robinson took out surface  
 pocket late 1800's?  
 About early 1900's Jess Cotton (bo)  
 (still alive) Cotton Bros and father  
 cut off surface work above  
 old prospect tunnel

Then laid idle till 1934  
 Sam L. Sandry & <sup>Jim</sup> Whipple located and  
 brot prospect tunnel.

They sold mine about 1937 to  
 a Company  
 Company ran lower tunnel  
 215' X-cut and 80' raise below  
 going broke and tunnel  
 back to Sandry & Whipple  
 (Sam L. Sandry & Jim Whipple)  
 S & W sold to E.S. Hatch  
 (Gadons Father and ~~Stuart~~ Stuart Hatch)  
 very little work several  
 other than assessment work  
 st

Robinson reportedly took out about  
 #200  
 S & W produced the most  
 (one run \$1400)

4-3-63 with Mr Hatch

Mine at old '99 of Birdseye  
 rd 598.6  
 Zimmerman cabin 600.6  
 Dillenbeck built cabin 1932 ±  
 and worked claim  
 3 claims cal 123

Up to southern tunnel  
 1980' E of SW cor 5  
 - then 1320' N to NW cor  
 660' E to NE cor 1320 S to  
 SW  
 E 1/2 SE 1/4 of SW 1/4 sec 5  
 E side above claim (Calumet  
 is westside of Calumet No 1  
 located Jan 5 1954 by  
 S.S. Hatch  
 G.H. Hatch } co locators  
~~Wm. Tingle~~ } (3 owners)  
 H.O. White } now



South prospect tunnel 110'  
 from portal take sample  
 in SE wall of wing  
 24" cut contains  
 1" vein on N wall, 3" vein  
 on S wall and 1" vein  
 8 inches from S wall  
 S # 1-4-3-63  
 Veins || strike about N40°  
 dip 80° SW below  
 Hatch #25 ran sample in vein  
 only

RECORD IDENTIFICATION

RECORD NO..... M013879  
RECORD TYPE..... X1M  
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..... CALUMET

MINING DISTRICT/AREA/SUBDIST. ~~GOLD HILL~~

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

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

COUNTY..... JACKSON  
DRAINAGE AREA..... 17 ROGUE RIVER  
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS  
LAND CLASSIFICATION..... 00

QUAD SCALE            QUAD NO OR NAME  
1: 62500            GOLD HILL

LATITUDE            LONGITUDE  
42-22-39N            123-11-55W

UTM NDRTHING        UTM EASTING            UTM ZONE NO  
4691500.            483650.            +10

TWP..... 37S  
RANGE..... 04W  
SECTION.. 05  
MERIDIAN. W.M.

ALTITUDE.. 2400'

POSITION FROM NEAREST PROMINENT LOCALITY: SE1/4 SW1/4, ELEVATION 2400 FEET.

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
UNKNOWN (AU, AG)

ANALYTICAL DATA (GENERAL)

ODGMI ASSAYS RAN 0.28-0.52 OZ/TON AU; 0.20-0.50 OZ/TON AG

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VEINLETS/SHEAR ZONE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

PRODUCTION

\*YES

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

23 ORE EST            0000.700 DOLLARS            1800 \*S            AU (POCKET)

PRODUCTION COMMENTS..... FIRST PRODUCTION REPORTED AS ABOUT \$700 FROM SURFACE POCKET. THE AMOUNT OF PRODUCTION BETWEEN 1934 & 1937 FROM ORE MILLED IN AN ARRASTRA IS NOT REPORTED.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM TRI

PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. VALUES OCCUR IN NORTHWEST-TRENDING, 80 DEG. SW-DIPPING, 2-FOOT SHEAR ZONE WITH 1 TO 7-INCH QUARTZ VEINLETS.

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: APPLIGATE GROUP

AGE: PERM-TRI

GENERAL REFERENCES

1) BROOKS, H C AND RAMP, L, 1968, GOLD AND SILVER IN OREGON; ODGMI BULL 61, P 250

2) RAMP, L, 1963, CALUMET; ODGMI UNPUBLISHED FILE REPORT