CALUMET MINE (Au)

Jackson County
Gold Hill District


Area: Three claims held by location.

Location: Amended to legal subdivisions Jan. 1954 to include the SE$ of SW$ sec. 5, T. 37 S., R. 4 W. and the W$ SW$ of SE$ sec. 5, T. 37 S., R. 4 W. The mine is reached via Birdseye Creek road for 4 miles to Zimmerman cabin and about ½ 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° W. from the ¼ 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
Calumet Mine

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° 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.

Informant: Gordon Hatch.

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4-3-63

History Column

Original location "Phil"
Robinson took out surface pocket late 1890's
About early 1900's Jos Cotton (still at Cotton Bros and father-cut surface work about old prospect tunnel.

Then laid idle till 1934
Sam H. Sunday & Whipple located and built prospect tunnel

They sold mine about 1937 to a Company company, ran lower tunnel 215' Out and 80' raise before going broke and worked back to Sunday & Whipple

S & W sold to S.S. Hatch

Condors Falcon and Stuart Hatch

very little work saved other than assessment work

Robinson reportedly took out about $700
S & W produced the most (one run $1400)

4-3-63 with Mr. Hatch

mi at old 99 of Birds Eye Rd 5 90.0
at Zimmerman cabin 600.6
Dickenbeck built cabin 1932
and worked claims

3 claims cal 12-

U. S. Southern tunnel
1980' E of SW cor 5
1320' N TO NW cor
660' E TO NE cor 1320 S TO

Sw E 5 E 1/2 of SW 1/4 Sec 5

E side above claim (cabin)

is west side of claim No 1
located Jan 5 1954 by

S.S. Hatch

Hatch

Co-locators

Time: Tinga (3 owners) now

50th prospect tunnel 110'
from rental take sample in SE wall of mine

24" cut contains
1" vein on N wall
3" vein on S wall and 1" vein
8 inches from S wall

Veins II strike about N 40

dip 80 SW below

Hatch # 25 Pan sample in vein only
CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO. .............. M013679
RECORD TYPE .............. XM
COUNTRY/ORGANIZATION .... USGS
FILE LINK ID .............. CONV
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 PROV ....... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION ..... 00
QUAD SCALE ............... 1: 62500
QUAD NO OR NAME .......... GOLD HILL
LATITUDE ................. 42-22-39N
LONGITUDE ............... 123-11-55W
UTH NORTHING ......... 4691500.
UTH EASTING .......... 483650.
UTH ZONE NO ............ +10
THP .................. 37S
RANGE ............ 04W
SECTION .......... 05
MERIDIAN .......... W.M.
ALTITUDE ......... 2400'

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

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

ANALYTICAL DATA (GENERAL)
DDGMI ASSAYS RAN 0.29-0.52 OZ/TON AU; 0.20-0.50 OZ/TON AG

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 0

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., OBERBURD.)
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: APPLEGATE GROUP
   AGE: PERM-TRI

GENERAL REFERENCES
1) BROOKS, H C AND RAMP, L, 1969, GOLD AND SILVER IN OREGON; DDGMI BULL 61, P 250
2) RAMP, L, 1963, CALUMET; DDGMI UNPUBLISHED FILE REPORT