Carbonate Mine (gold) Quartz  


Location: Twelve miles by road northeast of Rogue River. The last mile and half to the mine is narrow and in poor condition. Sec. 17, T. 35 S., R. 3 W., in Murphy Gulch.

Area: Three full claims held by location. Carbonate, Carbonate 1 and 2.

History: Discovered 1930 and operated intermittently ever since. No record of production.

Equipment: Three 800 lb. stamp mill, make unknown, 2½" x 5' plate, 4 H.P., Fairbanks Morse vertical gas engine, five home made square tanks for use as cyanide sand leaching tanks, varying in size from 5 x 6 to 5 x 9'. A small pump and compressor (3 cu.ft. per min.). The plates took care of the oxidized ore. As the development went on more sulphides were encountered. The ore was said to have assayed about $20. About $8.00 was recovered by plates. At present the tailings are being cyanided. The combined recovery of the plates and cyanide will probably be only about 75%.


Geology: A quartz vein in altered diorite. Block faulting is indicated. A six foot displacement to the right near portal and in about 70 feet is another displacement of 23 ft. to the right place. The faulting was subsequent. 50 feet in from portal is an intersection of vein which formed some very good ore. A stope 12 ft. long by 30 feet high and a winze 8 ft. long by 30 ft. deep are to be found at this point. Just beyond the fault is a stope 15 ft. long by 40 ft. high. At the face is another stope 15 ft. long by 15 ft. high. The vein is narrow, averaging 12 inches but varies from nothing to 4 ft. The general strike of vein is S. 20° E., dip 80° N. The ore should break easily from the wall rock and can be easily scooped. Very little gauge and in some places none. Above work is on the Carbonate claim. Only location work on Carbonate 1 and 2 claims.

Development: One adit runs S. 26° E., 70 Ft. to a fault which runs S. 55° W., 23 ft. thence S. 17° E., 55 ft. to face. Another adit (the portal caved last winter and has not been reopened) about 60 ft. vertically under the upper adit is in about 80 ft. It is estimated another 40 to 50 ft. will put them in the good ore found in the upper adit.

Informant: J. E. Morrison.
CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO. M061309
RECORD TYPE. X1M
COUNTRY/ORGANIZATION. USGS
MAP CODE NO. OF REC.

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

NAME AND LOCATION
DEPOSIT NAME. CARBONATE
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 PROV. 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION. 00

QUAD SCALE. 62500
QUAD NO OR NAME. WIMER
LATITUDE. 42-31-39N
LONGITUDE. 123-05-12W

UTM NORTHING. 4708138.1
UTM EASTING. 492881.8
UTM ZONE NO. 10

TWP. 35S
RANGE. 03W
SECTION. 17
MERIDIAN. W.M.

LOCATION COMMENTS: W 1/2

COMMODITY INFORMATION
COMMODITIES PRESENT. AU AG AG

PRODUCER(PAST OR PRESENT):
MAJOR PRODUCTS. AJ
COMMODITY SUBTYPES OR USE CATEGORIES:
2,54 Au:Ag

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. B

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
- Fissure Vein

FORM/SHAPE OF DEPOSIT: TAPERING

SIZE/DIRECTIONAL DATA
- SIZE OF DEPOSIT: SMALL
- MAX WIDTH: 4 FT
- STRIKE OF OREBODY: N20W
- DIP OF OREBODY: BONE

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIPTION OF WORKINGS):
- 148 AND 80 FT ADITS WITH STOPES.

PRODUCTION

YES

SMALL PRODUCTION

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

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ACC</th>
<th>AMOUNT THOUS. UNITS</th>
<th>YEAR</th>
<th>GRADE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ORE</td>
<td>SML</td>
<td>.274 TONS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 AU</td>
<td>SML</td>
<td>.091 OZ</td>
<td>.333 OZ/T</td>
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<tr>
<td>3 AG</td>
<td>SML</td>
<td>.036 OZ</td>
<td>.131 OZ/T</td>
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</tr>
<tr>
<td>23 ORE</td>
<td>SML</td>
<td>.274 TONS</td>
<td>1931-1941</td>
<td>0.33 Au, 0.13 Ag</td>
<td></td>
</tr>
</tbody>
</table>

PRODUCTION YEARS: 1931-1941

SOURCE OF INFORMATION (PRODUCTION): USBM

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: PRE-LTRI

HOST ROCK TYPES: DIORITE 2 2

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
CARBONATE MINE (gold quartz) 


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CARBONATE MINE (continued)

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