

Gold Hill Dist Jackson E

8-1-38

Jackson County

Carbonate Mine (gold) Quartz ~~Fractured~~

Owners: Charles Warren and O. U. Niles of Grants Pass, Oregon.

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%.

General Information: Elevation 2100 feet. Maximum snowfall 5½ ft. Plenty of timber on property for mining purposes. Water limited. If careful, enough for a small mill.

Geology: A quartz vein in altered diorite. ^{Part minerals top} 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 ^{assembled} socketed. Very little gage 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.

RECORD IDENTIFICATION

RECORD NO..... M061309
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..... 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 ROGUE RIVER

PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 00

QUAD SCALE
1: 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

FREE GOLD, UNKNOWN TAG
COMMODITY SUBTYPES OR USE CATEGORIES:
2.54 AU:AG

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 8

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 DREBODY.... N20W
DIP OF DREBODY..... 80NE

DESCRIPTION OF WORKINGS

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

PRODUCTION

YES
SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE SML		.274 TONS			
2 AU SML		.091 OZ		.333 OZ/T	
3 AG SML		.036 OZ		.131 OZ/T	
23 ORE, SML	.274	TONS		1931-1941	0.33AU, 0.13 AG

PRODUCTION YEARS..... 1931-1941

SOURCE OF INFORMATION (PRODUCTION) .. USBM

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PRE-LTRI
HOST ROCK TYPES..... DIORITE ? ?

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

CARBONATE MINE (gold quartz).

Gold Hill District

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General Information: Elevation 2100 feet. Maximum snowfall $5\frac{1}{2}$ ft. Plenty of timber on property for mining purposes. Water limited. If careful, enough for a small mill.

Geology: A quartz vein in altered diorite. Post-mineral step 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. 50 feet in from portal is an intersection of vein which formed some very good ore. A stope 12 feet long by 30 feet high and winze 8 feet long by 30 feet deep are to be found at this point. Just beyond the fault is a stope 15 feet long by 40 feet high. At the face is another stope 15 feet long by 15 feet high. The vein is narrow, averaging 12 inches but varies from nothing to 4 feet. The general strike of vein is S. 20° E., dip 80° N. The ore should break easily

CARBONATE MINE (continued)

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