

# State Department of Geology and Mineral Industries

MAR 4 1941

702 Woodlark Building  
Portland, Oregon

## GOLD CHLORIDE PROSPECT (Gold) GOLD HILL AREA

STATE DEPARTMENT OF GEOLOGY  
& MINERAL INDS.

Owner: Jackson County. Under option to Sam L. Sandry and J. M. Whipple, Rogue River, Oregon.

Location: NE $\frac{1}{4}$  sec. 25, T. 35 S., R. 4 W., on Ward Creek at extreme south of Riddle quadrangle. Elevation 3000 feet.

Area: 80 acres are under option for purchase.

History: The tunnels were opened in the "early days" but no information is available on what kind of ore, value, etc.,

Development: There are two tunnels; No. 2 is 188 feet and No. 1 is 97 feet in length. Both of these were driven prior to the work of the present operators. They have re-opened them and timbered the portals but have done no new rock work. The present operators have explored the surface above No. 1 with a series of pits and trenches to prove the vein for a distance of over 1000 ft.

Equipment: None, except hand tools.

Geology: The rock of the area is classed as May Creek schist by Diller (Riddle folio) but Wells & Hotz of the U. S. G. S. have mapped similar rock  $\frac{1}{2}$  mile south as part of the Applegate (Paleozoic) metasedimentary series. The rock is somewhat banded and fine grained, and quite quartzitic in part. Strike is N. 25 E., and the dip is 60° S. E. This dip and strike is very persistent over the entire area.

The mineralized zone strikes E-W, and dips 65° N. It is persistently four feet wide between walls; usually a narrow gouge seam along each wall; quartz varies from 6 inches to 4 feet in width. The quartz and mineralized zone are sparsely sprinkled with sulfides; a few sulfide grains in the wall rock, but they are not plentiful.

An oxidized zone about 15 feet deep pans free gold. Samples panned, showed that unmortared rock gives up 70 percent as much gold as mortared rock. This suggests that the oxide zone is a sort of "gossan" deposit.

Ray C. Treasher,  
Field Geologist,  
Feb. 28, 1941.

(The property is 9 miles up Ward Cr. from Rogue River by very poor, dry (weather road; then a rise of 370 feet in  $\frac{1}{2}$  mile by trail to the lower (No. 2 tunnel)

Gold Chloride  
S.25 R.4W. T.35S.

Gold Hill

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number

AG-1568  
1569

Grants Pass, Oregon

~~Grants Pass, Oregon~~

January 3 1941

Sample submitted by Sam L. Sandry

Rogue River, Oregon

Sample description Nos. 1 and 2-Two samples of white and gray, milky quartz with some sheared greenstone. 5 lbs. each. 1 inch and smaller.

The assay results given below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results given below are from a sample furnished by the above named person. This department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

Sample Number	GOLD		SILVER		Percent	Value	Percent	Value	Total Value
	Ounces per ton	Value	Ounces per ton	Value					
1	0.12	\$4.20	Trace						\$4.20
2	0.02	0.70	Trace						0.70

Market Quotations:

Gold \$5.00 per oz.  
Silver per oz.  
per oz.  
per oz.

STATE ASSAY LABORATORY

Assayer

CRIB MINERAL RESOURCES FILE 12

## RECORD IDENTIFICATION

RECORD NO..... M061409  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 MAP CODE NO. OF REC..

## REPORTER

NAME..... JOHNSON, MAUREEN G.

## NAME AND LOCATION

DEPOSIT NAME..... GOLD CHLORIDE

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..... 20

QUAD SCALE            QUAD NO OR NAME  
 1: 62500            WIMER

LATITUDE            LONGITUDE  
 42-30-13N            123-06-45W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
 4705500.0            490750.0            +10

TWP..... 35S  
 RANGE..... 04W  
 SECTION.. 25  
 MERIDIAN. WILLAMETTE

LOCATION COMMENTS: NE 1/4

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU    AG    AG

## PRODUCER(PAST OR PRESENT):

MAJOR PRODUCTS.. AJ  
 MINOR PRODUCTS.. AG

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VEIN/SHEAR ZONE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
MAX LENGTH..... 1000 FT  
MAX WIDTH..... 4 FT  
STRIKE OF OREBODY.... E  
DIP OF OREBODY..... 65N

COMMENTS(DESCRIPTION OF DEPOSIT):

OXIDIZED ZONE TO 15 FT CONTAINS FREE GOLD

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

\*LENGTH OF WORKINGS..... 1000 FT

COMMENTS(DESCRIP. OF WORKINGS):

DEVELOPED BY 97 AND 198 FT ADITS. ABOUT 1000 FT OF THE VEIN HAS BEEN EXPLORED AT THE SURFACE BY PITS AND TRENCHES

PRODUCTION

YES

SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE SML		.036	TONS		
2 AU SML		.038	OZ	1.06	OZ/T
3 AG SML		.009	OZ	.250	OZ/T
23 ORE, SML		.036+	TONS	PRE 1943	1.1 AU, 0.25 AG

PRODUCTION YEARS..... 1942

SOURCE OF INFORMATION (PRODUCTION) .. USBM

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PRE-LTRI  
HOST ROCK TYPES..... QUARTZITES QUARTZ MICA SCHISTS QUARTZ MICA SCHISTS