

Douglas County
Grubstake, 1938

Name: Gopher Mine (Quicksilver)

Owner: Guy Pennell, Tiller, Oregon.

Location: $1\frac{1}{2}$ miles northwest of Boulder Creek bridge in Sec. 12, T. 29 S., R. 1 W. 12 miles N.E. of Tiller, Oregon. On the north side of the third creek, on west side of Boulder Creek and one-half mile west of Boulder Creek. The topography is not correct on U.S.F.S map. The claim is shown in Sec. 11 while actually it is in Sec. 12.

Area: 20 acres. Located August 27, 1936.

Geology: Rhyolite country rock which carries cinnabar. The area runs N. 40° W. and cinnabar can be panned for a distance of 1000 ft. The width is not known. Four samples were taken. Two from the discovery tunnel and two from an open-cut about 600 ft. N.E. of discovery cut. All four samples run a trace.

Miscellaneous Information: Aneroid Elevation 2000 ft. Maximum 3 ft. snow. Plenty timber and water for mining purposes. One and one-half miles of road would have to be built to the property.

Informant: J. E. Morrison. 10/20/38.

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M055879
 RECORD TYPE..... XIM
 COUNTRY/ORGANIZATION. USGS
 INFORMATION SOURCE... BAILEY, E. H.
 MAP CODE NO. OF REC..

REPORTER

NAME..... PETERSON, JOCELYN A.
 DATE..... 76 08
 UPDATED..... 81 03
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... GOPHER
 SYNONYM NAME..... STEPHEN, PENNELL

MINING DISTRICT/AREA/SUBDIST. TILLER

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

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

COUNTY..... DOUGLAS
 DRAINAGE AREA..... 17100302
 PHYSIOGRAPHIC PRDV..... 13 CASCADE RANGE
 LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
 1: 62500 RED BUTTE

LATITUDE LONGITUDE
 43-04-12N 122-47-35W

UTM NORTHING UTM EASTING UTM ZONE NO
 4768400.0 516850.0 +10

TWP..... 029S
 RANGE..... 001W
 SECTION.. 11
 MERIDIAN. WILLAMETTE

ALTITUDE.. 2000

LOCATION COMMENTS: 1.5 MILE NW OF BOULDER CREEK BRIDGE AND 0.5 MI W OF BOULDER CREEK

MAIN COMMOD..... HG

ORE MATERIALS (MINERALS, ROCKS, ETC.):
CINNABAR

MAIN ORE MINERALS:
CINNABAR

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2
PROPERTY IS INACTIVE
YEAR OF DISCOVERY..... 1936
PRESENT/LAST OWNER..... GUY PENNELL

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
MINERALIZED FRACTURE ZONE
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS
SURFACE

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY
HOST ROCK TYPES..... RHYOLITE
AGE OF MINERALIZATION..... UPPER TER

LOCAL GEOLOGY

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:
HYDROTHERMAL SOLUTIONS

GENERAL REFERENCES

- 1) BROOKS, H. C., 1963, QUICKSILVER IN OREGON: OREGON DEPT. OF GEOLOGY AND MINERAL INDUSTRIES, BULL. 55, 223 P.
- 2) MERCURY IN OREGON, 1965, USBM IC 8252
- 3) OREGON METAL MINES HANDBOOK, 1940, BULL. 14-C, V. 1, 133 P.
- 4) FREDERICK, F., 1945, STATE OF OREGON MAP SHOWING LOCATION OF QUICKSILVER DEPOSITS: OREGON DEPT. OF GEOL. AND MIN. INDUSTRIES, SCALE 1:1,000,000

GOPHER

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STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number _____

Grants Pass, Oregon

~~Baker, Oregon~~

October 29, 19¹⁸

Sample submitted by J. E. Morrison, Mining Geologist--Grants Pass, Oregon

Sample description Following are the results of assays made on samples from the property of Mr. Pennell:

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	Trace		Blank						
2	0.02	0.70	Trace						\$0.70
3	0.02	0.70	Trace						0.70
4	Trace		Blank						
5	0.08	2.80	Trace						2.80

Market Quotations:

Gold \$ 35.00 per oz.
Silver \$ per oz.
 \$ per lb.
 \$ per lb.

State Assay Laboratory

Assayer

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORIES

Baker, Oregon
Grants Pass, Oregon

SAMPLE INFORMATION REQUESTED

The law passed by the Legislature, governing the free assaying and analyzing of samples sent to a State Assay Laboratory, provides that certain information be furnished to the Laboratory regarding samples sent for assays, etc. A copy of the law will be found on the back of this blank. Please read the law carefully. Will you please fill in the information called for in the following blank, as far as possible, and return the same to the nearest State Assay Laboratory, along with your sample. If you have made out a blank, this copy is for your future use. Keep a copy of the information on each sample for your own reference.

Your name in full . . . *J. E. Morrison*
Postoffice address

Are you a citizen of Oregon? Date on which sample is sent. *10/19/38*
Name (or names) of owners of the property . . . *N.G. Pennell Estate*

Name of particular claim and date of location *Deed land*
Location of property or source of sample:

- (1) County *Douglas* (2) Mining District *Tiller*
- (3) Township *30 S.* (4) Range *2 W* (5) Section *27*
- (6) Quarter Section *N.E.*

How far from passable road? *1/4 mile*
For what do you wish sample tested? *gold*
Does your sample represent a new discovery? *No*
On a newly located claim? *no* Old? *No*
Has any ore from this claim been milled or shipped? *yes*

Width of ore where sample was taken (length of channel cut) *4 samples*

Remarks: The Department would be pleased to have you add to the above, such information as you think would be of interest and value. Use the reverse side of this sheet or a separate sheet. This could best be shown by a pencil sketch, indicating the development on the claim with the widths of vein, especially the width of ore at the place where this sample was taken.

A sample, to be of value, should be taken in an even channel across the vein from wall to wall. Its position in the workings should be marked and the width measured. Assays of unlocated samples, without widths, are of little value. They create but little interest in the minds of experienced investors and engineers.

(signed) *J. E. Morrison*

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORIES

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Grants Pass, Oregon

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Your name in full . . . *J. E. Merrino*
Postoffice address

Are you a citizen of Oregon? Date on which sample is sent. *10/20*

Name (or names) of owners of the property . . . *Guy Pennell*

Name of particular claim and date of location . . . *Copher*

Location of property or source of sample:

(1) County. *Douglas* (2) Mining District

(3) Township . . . *29.5* (4) Range . . . *1W* . . . (5) Section . . . *12*

(6) Quarter Section

How far from passable road? . . . *1 1/2 miles*

For what do you wish sample tested? . . . *Hg*

Does your sample represent a new discovery? . . . *yes*

On a newly located claim? . . . *yes* Old?

Has any ore from this claim been milled or shipped? . . . *no*

Width of ore where sample was taken (length of channel cut) . . . *4 samples*

Remarks: The Department would be pleased to have you add to the above, such information as you think would be of interest and value. Use the reverse side of this sheet or a separate sheet. This could best be shown by a pencil sketch, indicating the development on the claim with the widths of vein, especially the width of ore at the place where this sample was taken.

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(signed) *J. E. Merrino*