

RECEIVED
DEC 1 1938

STATE DEPT OF GEOLOGY
& MINERAL INDS.

Douglas County

Name: Douglas Mine (Quartz)

Old Name: Baker Mine.

Owners: Lincoln Smith and Paul Roehl, both deceased. Mr. Robert Smith, a lawyer in Portland, and a brother of Lincoln Smith, has charge of his estate. Mr. Roehl's widow lives in Grants Pass. Property is under bond and lease to Mr. E. G. Gabriel of 610 N. Capitol, Salem, Oregon.

Location: 9 miles west of Glendale on the north side of Cow Creek in the N.W.1/4 of Sec. 27, T. 32 S., R. 7 W.

Area: 20 acres held by location.

Geology: Country rock meta gabbro. Fractures are numerous and run in all directions. Gold has been deposited at the intersection of two of these fractures. The cross-cut tunnel cut the intersection that produced the gold. The quartz is bounded by slickensided surfaces along a well defined fracture zone which contains soft altered fault material resembling serpentine. There is about 6 inches of good ore showing in bottom of wintz. No samples were taken in the mine. Difficulties were encountered in making a suitable recovery with the present plant.

Development: The development consists of main adit which runs N. 75° W. 150 ft., drifts, stope and wintz as shown on attached map.

Misc. Information: Elevation 1600 ft. Maximum 3 ft. of snow. Plenty of timber and water for mining purposes on the property.

Equipment: 7 H.P. Stover Engine. Gibson Prospect Mill. Straub Table No. 8.

Informant: J. E. Morrison, 6/22/38.



STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number 790

Grants Pass, Oregon
BANK OF OREGON

July 23, 1938

Sample submitted by Mike Wagner Glendale, Oregon

Sample description Finely ground sample containing a small amount of quartz.
Weight: 2 pounds. Size: 1/8th 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					
	0.06	2.10	Trace						\$2.10

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 REPORT

Office Number 685 & 686

Grants Pass, Oregon
Baker, Oregon

August 9, 1938

Sample submitted by J. E. Morrison Grants Pass, Oregon

Sample description Following are the results of assays made on mill samples from the property of J. A. Wagner:

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					
Conc't	1.92	67.20	Trace						\$67.20
Tail.	0.22	7.70	Trace						7.70

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. *6/24*

Name (or names) of owners of the property . . . *J. Wagner*

Name of particular claim and date of location . . . *Douglas Mine*

Location of property or source of sample: *Riddle*

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

(3) Township . . . *32.5* (4) Range . *7 W* . . . (5) Section *26*

(6) Quarter Section . *Cook Creek*

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

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

Does your sample represent a new discovery? . . . *no*

On a newly located claim? . . . *no* . . . Old? *yes*

Has any ore from this claim been milled or shipped? . . . *-*

Width of ore where sample was taken (length of channel cut) . . . *2 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.
1 - concentrates 1 - tailings

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*

RECORD IDENTIFICATION

RECORD NO..... M061327
 RECORD TYPE..... X1M
 COUNTRY/ORGANIZATION. USGS
 MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
 UPDATED..... 81 02
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... DOUGLAS (BAKER)

MINING DISTRICT/AREA/SUBDIST. RIDDLE

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... OR

STATE NAME: OREGON

COUNTY..... DOUGLAS

DRAINAGE AREA..... 17100302 PACIFIC NORTHWEST

PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 41

QUAD SCALE
 1: 62500

QUAD NO OR NAME
 DUTCHMAN BUTTE

LATITUDE
 42-45-51N

LONGITUDE
 123-30-59W

UTM NORTHING
 4734550.0

UTM EASTING
 457750.0

UTM ZONE NO
 +10

TWP..... 32S

RANGE..... 07W

SECTION.. 27

MERIDIAN. WILLAMETTE

ALTITUDE.. 1800

LOCATION COMMENTS: NW 1/4

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VEIN

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):

ADIT 150' WINZC, STOPES

PRODUCTION

YES

SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE SML		.001	TONS		
2 AU SML		.002	OZ	2.00	OZ/T
23 ORE, SML		.001	TONS	1932	2 AU

PRODUCTION YEARS..... 1932

SOURCE OF INFORMATION (PRODUCTION).. USBM

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR?
HOST ROCK TYPES..... GREENSTONE (METAGABBRO)
IGNEOUS ROCK TYPES..... SERPENTINITE (IN SHEAR ZONE)

IMPORTANT ORE CONTROL/LOCUS.. NUMEROUS FRACTURE INTERSECTIONS

LOCAL GEOLOGY

SIGNIFICANT LOCAL STRUCTURES:

WELL DEFINED SHEAR ZONE