

2033 First Street  
Baker, Oregon

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
1069 State Office Building  
Portland 1, Oregon

239 S.E. "H" Street  
Grants Pass, Oregon

REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein as fully as possible and submit this blank filled out along with the sample.

Your name in full Max Schafer (DOGAMI)

Post office address P.O. Box 417 Grants Pass, Oregon

Are you a citizen of Oregon? \_\_\_\_\_ Date on which sample is sent 6-12-56

Name (or names) of owners of the property Roush, John & Weyland; & Rehart

Are you hiring labor? \_\_\_\_\_ Are you milling or shipping ore? \_\_\_\_\_

Name of claim sample obtained from Digmore

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Lake Mining District \_\_\_\_\_

Township 38 S Range 20 E Section 12 Quarter section NE

How far from passable road? 200 yds. Name of road Salt Creek

Channel (length) Grab Assay for Description

Sample no. 1 x Hg Pit #1

Sample no. 2 \_\_\_\_\_  
(Samples for assay should be at least 1 pound in weight)

(Signed) Max Schafer

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description Clayey and opalized tuff with cinnabar stain along bedding and fractures.

Sample number	GOLD		SILVER		MERCURY			
	oz./T.	Value	oz./T.	Value	Hg			
P-19783	---	--	---	--	0.6 lb/ton	---	---	---
QG-145								

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed 7-19-56 Called for \_\_\_\_\_



copy

QG - 146  
Hg

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Name (or names) of owners of the property John & Weyland Roush, Wm. Rhehart

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County Lake Mining District \_\_\_\_\_

Township 38 S Range 20 E Section 12 Quarter section NE

How far from passable road? 200 yds. Name of road Salt Crk.

Channel (length) Grab Assay for Description

Sample no. 1 \_\_\_\_\_ x Hg From fracture seam 1' wide

Sample no. 2 \_\_\_\_\_

(Samples for assay should be at least 1 pound in weight)

(Signed) Max Schafer

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Sample Description Acid volcanics, partially opalized, stained with cinnabar. ✓

Sample number	GOLD		SILVER		MERCURY			
	oz./T.	Value	oz./T.	Value	Hg			
P-19784	---	--	---	--	4.0 lb/ton	---	---	---
QG-146								

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed 7-19-56 Called for \_\_\_\_\_

QG - 147  
Hg

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Post office address P.O. Box 417 Grants Pass, Oregon

Are you a citizen of Oregon? \_\_\_\_\_ Date on which sample is sent 6-12-56

Name (or names) of owners of the property John & Weyland Roush, Wm. Rehart

Are you hiring labor? \_\_\_\_\_ Are you milling or shipping ore? \_\_\_\_\_

Name of claim sample obtained from Digmore

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Lake Mining District \_\_\_\_\_

Township 38 S Range 20 E Section 12 Quarter section NE

How far from passable road? 200 yds. Name of road Salt Crk.

Channel (length) Grab Assay for Description

Sample no. 1 6' Hg N. face of pit

Sample no. 2 \_\_\_\_\_

(Samples for assay should be at least 1 pound in weight)

(Signed) Max Schafer

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Sample Description Acid volcanics, some highly opalized, cinnabar staining.

Sample number	GOLD		SILVER		MERCURY			
	oz./T.	Value	oz./T.	Value	Hg			
P-19785	---	--	---	--	0.30 lb/ton	---	---	---
QG-147	---	--	---	--	0.30 lb/ton	---	---	---

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed 7-19-56 Called for \_\_\_\_\_



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Name (or names) of owners of the property John & Weyland Roush & Wm. Rehart

Are you hiring labor? \_\_\_\_\_ Are you milling or shipping ore? \_\_\_\_\_

Name of claim sample obtained from Dignore

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Lake Mining District \_\_\_\_\_

Township 38 S Range 20 E Section 12 Quarter section NE

How far from passable road? 200 yds. Name of road Salt Crk.

Channel (length) Grab Assay for Description

Sample no. 1 5' Hg W. wall of Pit #6

Sample no. 2 \_\_\_\_\_  
(Samples for assay should be at least 1 pound in weight)

(Signed) Max Schafer

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Sample Description Opallized acid volcanics with cinnabar stain.

Sample number	GOLD		SILVER		MERCURY			
	oz./T.	Value	oz./T.	Value	Hg			
P-19786 QG-148	---	--	---	--	1.60 lb/ton	---	---	---

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed 7-19-56 Called for \_\_\_\_\_



# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland 5, Oregon

## DIGMORE CLAIMS (Hg)

Lake County

Owner: Land is owned by deed (?) to William Rehart, Lakeview. A lease-partnership deal on the mercury occurrence was given to John and Weyland Roush, Lakeview.

Location: The occurrence is located in the NE $\frac{1}{4}$  sec. 12, T. 38 S., R. 20 E., Lake County. The prospect is reached by traveling north on Highway 395 approximately 7 miles, to the Salt Creek road, then east on the Salt Creek road about 2 $\frac{1}{2}$  miles. The prospect is just north of the Salt Creek road.

Development: Exploration in progress June 9, date of visit. Methods were removal of the 1-foot or less of soil cover, and trenching with bulldozer, and digging of prospect pits. Object of exploration is to deal with private company for mining.

Geology: Mercury mineralization is present in a bedded series of altered volcanic tuffs. Clayey tuffs, tuffs, and opalized rocks are present. Some of the opalized rocks are brecciated. Banding parallel to bedding is common in the opalized rocks.

The brittle opalized rocks are badly fractured and bedding planes are well developed. Some vertical fractures or shears can be found.

The mercury is present as cinnabar (HgS). The mineral is partly associated with the opalization, partly coating fractures in opalized material, and partly disseminated in clayey altered tuffs.

The cinnabar is in streaks and bands throughout the opalized rock, giving the material a reddish banded appearance. Breccia fragments often contain cinnabar. The greater part of the material is of this type - a



typical banded or reddish opaline material.

Mercury is frequently more heavily concentrated in narrow seams or fractures which are usually vertical. The hard, brittle, broken rock is heavily coated with cinnabar for 6 inches to 1 foot on each side of the fracture. These fractures contain very sparse manganese staining and some hematite and limonite. No other minerals were noted at any spot on the property.

Some cinnabar is found disseminated throughout small areas of clayey tuff. At the time of the examination this type of ore seemed to be minor in amount.

It is evident that the banded cinnabar is very closely associated with the silicification (opalization) of tuffaceous or other porous rocks. The mineralization must have been contemporaneous with at least part of the silicification. Since cinnabar is also coating fractures there must have been later mineralization after some movement of the ground. Whether this mineralization is supergene or not, is not known, but there were no signs of leaching of mercury in the areas examined.

Economics: The deposit offers a possibility for a large low-grade operation. There are reported occurrences to the east of the deposit which were not examined, but it is felt that there must be continuous mineralization for possibly 500 feet. A mineralized zone 300 feet by 100 feet was examined, and the possibilities are very good for extending this distance.

The deposit is very similar to those described by Yates in U.S.G.S. Bull. 931-N, Quicksilver Deposits of the Opalite District, Malheur County, Oregon, and Humboldt Co., Nevada.



Exploration: The primary purpose of exploration work should be to extend the surface deposits to their full extent. The only hope of the property probably is to develop a surface operation of large tonnage.

Diamond drilling was attempted at the prospect with little success. Little core was recovered, and this was principally from barren rock. At a very shallow depth, water was lost, and no cuttings were recovered. Thus no sample at all was recovered.

<u>Samples:</u>	QG- 145	Pit #1	-	0.6 lb./T
	146	Pit #2 - 1' seam	-	4.0 "
	147	Pit #4 - N. face	-	0.3 "
	148	Pit #6 - W. face	-	1.6 "

Report by: Max Schafer      July 1956

Visited: June 9, 1956.

\* \* \* \* \*

Fair - Beautiful Day

See also map  
Crooked Creek Valley,  
Blue Hills.

Tuesday - Sept. 14, 1971  
With Don Baggs leave for afternoon  
at 9:30 a.m. - Lunch K Falls -

arrive Quartz, MT about 2:00 p.m.

Look over the area - N 1/2 of  
hillside and discover old  
shaft - abundant mineralized  
flow banded rhyolite - rhyolite  
lots of bulldozer cuts. On to  
Lakeview and up Salt Creek  
to again evaluate the Salt Creek  
Hg Sinter (sinter) mine visible  
Quartz in opal present near  
fossil spring orifices. Roughly  
sketch in contacts of sinter  
overlying basalt and flow rock.

Check in at Clark's office and  
also Assessors office to find out  
land ownership on Salt Creek  
in Sec 1-12. 38S 20E

Rehan Ranch - Benajah Vincent



and J. W. Robertson Route 8  
Tahoe.

After dinner talk to Don Tracy  
about Gey Mtn and Perlite  
just to the west. See Thomas  
Meadow tomorrow.