

Hoot-en-ame & Crow
 Lane Co.
 Sec. 13, T. 11 S., R. 4 E.

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number -32, -33, -3

Grants Pass, Oregon
~~Baker, Oregon~~

September 20, 1938

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

Sample description Three samples from the property of Mr. Philip R. Peterson.

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	Blank		Blank						
2	0.06	2.10	4.6	2.94					\$5.04

Market Quotations:

Gold \$35.00 per oz.
 Silver \$0.64 per oz.
 \$ per lb.
 \$ per lb.

State Assay Laboratory

Assayer

Linn County
Grubstake, 1937.

Name: Hoot-en-Anne (quartz mine)

Owner: Philip R. Peterson, 1620 No. Liberty St., Salem, Oregon.

Location: About one-half mile east of Red Heifer Butte on the trail to Detroit. Three miles N.E. of quartzville in Sec. 13, T. 11 S., R. 4 E. 40 Miles to Sweet Home.

Area: Two full claims known as Crow and Hoot-en-Anne.

History: Discovered and located in fall of 1937.

Geology: Cherty quartz and breccia ~~from~~ the vein material. The country rock is rhyolite ~~perphyry~~. The out-croppings are leached and are ironed stained. The ore minerals are gold with a small amount of pyrite, chalcopryrite and very little galena. The veins are very difficult to trace due to the large amount of soil and debris. The ore shoots are short, usually lasting only a few feet. General trend of the veins is N. 50° W.

Development: Development work consists of two discovery cuts and four shallow cuts. Elevation 4,000 ft. Maximum 15 ft. snow. Plenty of timber and water for mining purposes. The following samples were taken by the informant: No. 1 18 inch vein material from the location out of the Hoot-en-Anne which run a blank both in gold and silver. No. 2 six inches of vein material from discovery cut of the Crow runs Au. 0.06 \$2.10, Ag. 4.6 \$2.94.

The following samples were taken by Mr. Peterson in the location out of the Hoot-en-Anne. The location in the cut was not given.

Au.	Ag.	Total
.03 oz. \$1.05	.04 oz. \$0.25	\$1.30
Trace	.2 " .12	.12
.06 oz. 2.10	22.5 " 14.40	16.50
Trace	Blank	
"	"	
"	"	
.1 oz. 3.50	3.7 oz. 2.37	5.87
.05 " 1.75	9.2 " 5.89	7.64

The U.S. Forest Service map attached does not show the property as well as Plate 18, Bull. 893 would.

Informant: J. E. Morrison, 8/30/38