

100 CLEAN PUMICE

MALHEUR

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
ASSAY LABORATORIES

REQUEST FOR SAMPLE INFORMATION

The State law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the Laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information called for as completely as possible, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Your name in full Mrs. Etheyl M. Goss

Post-office address Baker, Oregon

Are you a citizen of Oregon x Date on which sample is sent May 18, 1948

Name (or names) of owners of the property Mrs. Jones

Name of claim sample obtained from I Do Clean Pumicite Deposit

Location of property or source of sample (describe as accurately as possible below):

County Malheur Mining district \_\_\_\_\_

Township 21S Range 46E Section 33 Quarter section \_\_\_\_\_

How far from passable road \_\_\_\_\_

For what minerals or elements do you wish the sample(s) analyzed Expansion Test

	<u>Channel (length)</u>	<u>Grab</u>	<u>Pipe</u>	<u>Description</u>
Sample No. 1	_____	_____	_____	_____
Sample No. 2	_____	_____	_____	_____

**IMPORTANT:** A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) Mrs. Etheyl M. Goss

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

Description \_\_\_\_\_

Sample Number	GOLD		SILVER				
	oz./T.	Value	oz./T.	Value			
IB-64					Grain size - 95% thru 20 mesh.		
					Volume increase - 200% @ 18500F		

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed \_\_\_\_\_ Called for \_\_\_\_\_

NAME: <sup>Clean</sup> I Do ~~Clean~~ Nyssa District Malheur County.  
 Pumicite deposit.

OWNERS: Mr. and Mrs. Lawrence Jones, 122 Place Street, Baker, Oregon

AREA: 4 claims, 80 acres.

LOCATION: E $\frac{1}{2}$  of SE $\frac{1}{4}$  of Sec. 33, T 31 S, R 46 E.

HISTORY: Small amount was shipped; a road was built in 1934.

EQUIPMENT: None on property.

MISCELLANEOUS: Railroad and highway is  $\frac{1}{2}$  mile E of property. No timber. Climate mild. Water ample in Snake River  $\frac{1}{2}$  mile to the E. A section above the cabin and quarry is as follows:

- Elevation 2870 Top of rimrock in conglomerate cross bedded containing many wood fragments.
- Contact 2770 Blocky yellow tuff.
- Contact 2760 Massive yellow, cross bedded tuff.
- Contact 2645 White or light gray when wet, pumicite.
- Contact 2630 Gray and yellowish massive, medium grained tuff.

Basic section 2525: The white tuff layers are 10 to 28 ft. thick and run for at least a half mile horizontally. At one point the entire section is faulted down on the north for 85 ft, except the one area of 2 or 3 acres  $\frac{1}{4}$  mile north of the cabin where there are only 20 to 30 ft. of overburden. The entire tuff must be mined under ground. The tuff is very fine and gritless, and even throughout the 10 to 20 ft. thickness.

Property is very accessible. Car can be driven within 100 ft. of it. There is no timber on the property, and only a very small spring.

The following analysis has been submitted by Mrs. Jones as having come from Crisman and Nichols, Salt Lake, November 12, 1928:

SiO <sub>2</sub>	70.00
FeO	.93
Al <sub>2</sub> O <sub>3</sub>	16.17
CaCO <sub>3</sub>	1.4
MgO	.65
NaO	
KO	3.65
H <sub>2</sub> O loss	7.2
	<hr/> 100.00

This composition is equivalent to a rhyodacite.

Informant: James Lynch.  
 Date: Nov. 1938

*J. Allen*

I Do Clean Permit Deposit

Permit

6/46

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

315

46E

SE 1/4 33

T

R

S

PUBLISHED REFERENCES

..... Malheur ..... COUNTY

..... Lyssa ..... AREA

..... 26.00 - 28.00 ..... ELEVATION

..... ROAD OR HIGHWAY

..... R.R. 1/2 mile ..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S)

Mrs. Lawrence Jones

Address

122 Race Street, Baker, Oregon

OPERATOR

Name of claims                      Area    Pat.    Unpat.

4

Name of claims                      Area    Pat.    Unpat.

EQUIPMENT ON PROPERTY

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

## Memorandum Report

Do Clean Pumicite Deposit

Unclassified District  
Malheur County

### Owner-Location:

Reference is here made to the report by the above name made by JEA, departmental files.

A Mrs Ethyl Goss called at this office some weeks ago relative to the above deposit. She manifested interest in promoting the deposit for something or other and asked about its uses as a concrete aggregate amongst other things. The writer has long considered this deposit as worthy of investigation from the standpoint of its expanding properties. The suggestion was made to Mrs. Goss accordingly that she might do well to have samples tested for their popping qualities. She has promised to bring in samples for said purpose. This morning however, she phoned in to state that she had sent a sample to the Engineering Research Division of the Alexander Film Company, Colorado, Springs, Colorado. The reply as jotted down from her phone conversation follows:

-- The material was classified as a perlitic volcanic material which after explosion resembles the end product of the Dantore Company of Portland, Oregon ---

The reply doesn't specifically say so, but the inference is that this company performed expansion tests on the sample sent them.

The company requests further information concerning the deposit and included with their letter folders which bear on expansion plants and products. Evidently they are in the expansion business to some extent at least.

Considering the gigantic size of this deposit, and the fact that it exists in a natural state of fine subdivision, together with the fact that it is situated essentially on a railroad, it would appear that the deposit would merit additional study including sampling and laboratory testing.

\*\*\*\*\*

### Report by:

N. S. Wagner

### Date Report:

May 3, 1948