

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

MEMO REPORT BRATCHER SOAPSTONE PROSPECT

ASHLAND DISTRICT
JACKSON COUNTY

Owner

L. A. Bratcher, Ashland, Oregon.

Location

North edge sec. 18, T. 39 S., R. 1 E. at about 3700 feet elevation. The main cut is about 40 feet south and 400 feet west of the $\frac{1}{4}$ corner between secs. 7 and 18. It is reached via the Ashland mine road and a branching dirt road to the southeast up the ridge. It is about $4\frac{1}{2}$ miles from Ashland.

Development

To date only shallow cuts have been made exposing several small bodies of soapstone and minor occurrences of vermiculite. At the time visited excavation work was being done to deepen the cut and improve the exposures. The excavated area was about 60 feet in diameter and up to 10 feet deep.

Geology

The soapstone occurs as selvages and lenses as much as 8 feet thick at various places along the margins of pegmatitic to dioritic dikes which penetrate a body of serpentine. The outlines of the body of serpentine have not been accurately determined, but it appears to be about 1,000 feet wide and more than 2,000 feet long. It is completely surrounded by granodiorite and quartz diorite of the Ashland stock and appears to be a type of roof pendant. The soapstone occurs as selvages and as lenses of altered serpentine along the dike contacts. Some of the soapstone contains abundant tremolite intermixed with the talc.

At the main cut, soapstone is exposed along the contacts of a branching Y-shaped diorite dike. The dike strikes northerly and its 10-foot wide branching arms extend southward into the hill. The widest area of talc alteration appears to be in a zone about 15 feet lying between the branching dike arms near their point of convergence. Some serpentine is also present in this interior zone of soapstone. The outer edges of the dikes appear to have less alteration and narrower soapstone selvages. The outer or eastern edge of the eastern dike arm has about 8 inches of soapstone along its sheared contact and the outer or western edge of the western dike arm has as much as 4 feet of soapstone along its contact.

Mining

Mr. Tom Carrithers was working with Mr. Bratcher. They were deepening the cut to better expose the soapstone. Carrithers, who is from Santa Cruz,

California, planned to operate the mine (open cut preferably) and put the soapstone on railroad cars in Ashland for a certain agreed price. They were somewhat disappointed with the limited exposures and the intermixed nature of the diorite, but intend to produce or salvage as much soapstone as can be readily mined to return some of the development expenses. If sufficient improvement of the appearance of the deposit occurs with further development, mining will continue.

Visited: 5-19-64

Report by: Len Ramp - 5-22-64

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

1069 State Office Building
Portland, Oregon - 97201

YG-67
Au, Ag

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.

(Please print.)

Name DOGAMI Sample Date sample is sent 5/20/64
P. O. Box 417
 Street/Box Grants Pass, Oregon Name of property owners _____
 _____ L. A. Bratcher
 City State ZIP Code Are you hiring labor? _____
 Milling or shipping ore? _____

Name of claim sampled Bratcher Soapstone Prospect

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

County Jackson Mining district Ashland
 Township 39 S Range 1 E Section 18 Quarter section N edge
 How far from passable road and name of road Road to prospect

	Channel (length)	Grab	Assay for	Description
Sample No. 1	<u>8 "</u>		<u>Au, Ag</u>	<u>Contact Zone diorite-serpentine</u>

Sample No. 2 _____
 (Samples for assay should be at least 1 lb. in weight; clay samples for ceramic testing, at least 5 lbs.)

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) Len Ramp

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

Description highly fractured diorite in part talcy

Sample number	GOLD		SILVER					
	oz./T.	Value	oz./T.	Value				
P-29244 YG-67	Trace	- -	Trace	- -	- - -	- - -	- - -	- - -

Report issued _____ Card filed _____ Report mailed 6-3-64 Called for _____
 SIR-5