

CORVALLIS, OREGON 97331

OREGON STATE UNIVERSITY

DEPARTMENT OF OCEANOGRAPHY  
Telephone (503) 754-3504

19 May 1971

*Duncan*

Mr. Norman Peterson  
521 N. E. "E" Street  
Grants Pass, OR 97526

Dear Norm:

Dr. Bodvarsson, Mike Gemperle, Steve Johnson, Bill Mac Farlane, Bob Whitsett and I are starting a program in geothermal exploration. Our purpose is to develop geophysical methods for locating and estimating the economic worth of potential geothermal energy sources. Enclosed is a short write-up of our proposed field program for which we have obtained partial funding from the National Science Foundation.

I have discussed our project with Andy Corcoran and asked him whether you might be able to assist us. He suggested you might be available and to write you of our plans. I realize your time is limited but we would very much appreciate your assistance, particularly in planning and locating our sensor sites. Our plans and people will need the knowledge and services of a good geologist throughout the program.

Our present plans call for a pre-site survey in the Klamath Falls area June 14-18, 1971. The intent of this survey is to locate potential sensor sites and to access the impending field and logistics problems. Following this we expect to begin measurements about mid-July and if all goes right the measurements should last about a month with a follow-up field study of about a month in the late fall or following spring to detail promising areas or fill in missing areas or enhance weak data.

Could you join us the third week in June in Klamath Falls to discuss our program and problems.

Sincerely,

*Dick*

Richard W. Couch

RWC:bt

July 9, 1971  
Merrill, Oregon  
97633

Mr. Norman Peterson  
Dept. of Geol. & Mineral Industries  
P O Box 417  
Grants Pass, Oregon 97526

Dear Mr. Peterson:

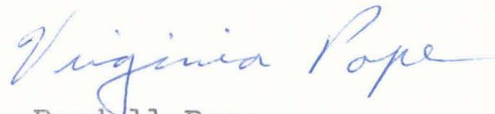
The micro-earthquake study does sound interesting.

I am sure that between Lynn and myself, we could get the recorder paper changed.

Now the question is - how long will the study last? If it is over by October 1st, we could put it in the potato cellar near the house. If it will last longer than that, I need to know if the recorder needs to be in contact with the ground and just how much space it requires. Also, does it require an electrical outlet?

We are having a cold, wet summer so far. Very bad for the alfalfa and garden, but great for grass.

Sincerely,



Mr. Randall Pope

July 6, 1971

Mrs. Randall Pope  
Merrill, Oregon 97633

Dear Mrs. Pope:

You may have read that the Department of Oceanography of Oregon State University will be making a study of micro-earthquakes in Klamath County this summer. I have been assisting them in locating favorable sites for setting up their equipment.

They would like to set up one station at a location out of the weather where someone would be available to change the paper on a recorder occasionally during the study.

If you would have a small space in a building and would be interested I am sure Dr. Couch would be happy to give you more information.

Please do not feel obligated, but I thought it may be interesting to you.

Sincerely yours,

Norman V. Peterson

NVP:rp



CORVALLIS, OREGON 97331

OREGON STATE UNIVERSITY

DEPARTMENT OF OCEANOGRAPHY  
Telephone (503) 754-3504

18 June 1971

Norman Peterson  
State of Oregon, Dept. of Geology  
& Mineral Industries  
521 N. E. "E" Street  
P. O. Box 417  
Grants Pass, Oregon

Dear Norm:

We would like to thank you once again for your help down in Klamath Falls. The assistance you rendered saved us considerable time and gets us off to a good start on our project.

Sincerely,

A handwritten signature in blue ink that reads "Bob".

A handwritten signature in blue ink that reads "Bill".

Robert Whitsett and  
William MacFarlane

RW:bt

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STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
1069 STATE OFFICE BUILDING  
PORTLAND, OREGON 97201

June 26, 1967

Mr. N. V. Peterson  
P.O. Box 417  
Grants Pass, Oregon 97526

Dear Norm:

Here are the results of the mercury analysis on the samples you and Ed collected at Klamath Falls.

Standard sample (1.8 ppm)	
#1	*2.3, 1.5, 1.6, 2.1
#2	<u>3.8, 3.8, 3.0, 4.0</u>
#3	<u>8.8, 8.3, 8.0, 8.0</u>
#4	2.1, 3.5, 2.5, 2.5
#5	1.0, 1.3, 1.0, 0.1
#7	<u>5.7, 4.6, 5.3, 6.0</u>
#8	1.2, 1.2, 1.0, 1.0
#9	0.7, 1.0, 1.0, 0.7
#10	<u>6.2, 5.6, 6.0, 6.3</u>
#11	0.5, 0.5, 0.3, 0.1
#12	0.5, 1.0, 0.4, 0.1
#13	0.4, 0.2, 0.3, 0.3
#14	0.7, 0.7, 0.7, 0.6
	0.3, 0.2, 0.3, 0.4

\* All figures in parts per million.

Samples 1, 2, 5, and 9 are particularly interesting. I hope you continue collecting these siliceous sinters when you are around hot spring areas.

Regards,

*Dick*

Dick

RGB:lk

cc Howard Brooks