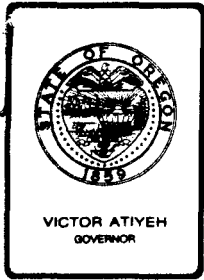


MAHOGANY MTS

RED Butte Area



Department of Geology and Mineral Industries
ADMINISTRATIVE OFFICE

1005 STATE OFFICE BLDG., PORTLAND, OREGON 97201 PHONE (503) 229-5580

April 1, 1985

C. Susan Evans
1503 Bissonnet #12-D
Houston, TX 77005

Dear Q:

Wish you luck on your thesis. The data you asked for is attached. The map showing the Mahogany Mt. caldera is as best as I can do from a talk that Rytuba gave to AIME. I won't make the Boise meeting, but Rytuba will give the same talk at that meeting. Red Butte must be in his caldera. He did state that the caldera could be a lot larger than it is wide. He also said that most likely it had a lake as deep as Crater Lake. As for summer work, I have not seen any job openings. The Geologist from the Vale office of the BLM has transferred to Salem. That may be unfilled.

Sincerely,

Jerry J. Gray
Economic Geologist

JJG:ak

Enclosure

C. Susan Evans
1503 Bissonnet #12-D
Houston, TX 77005

March 13, 1985

Jerry Gray
DOGAMI
1005 State Office Bldg.
Portland, OR 97201

Dear Jerry,

I'm still working on the thesis, progress is being made. I am also hustling for a summer job. Any leads for me in Oregon? Could you possibly send me a xerox or other facsimilie of a map with the soil, rock, and stream sediment sample locations for Red Butte for your WSA samples? You gave me old field maps, but only one soil line is marked on it, and most of the stream samples, no rock chip locations. This information will help make my previous work section more realistic, and will (I hope) help with my model. I hear roumors that Anaconda may pick up Red Butte and drill there this summer. But they didn't want to give me a summer job out there.

I assume I will see you in Boise at the GSA meeting. I doubt if my thesis will have passed my committe by then, but will let you know.

Take Care,



(C. Susan Evans)