August 2, 1974

Dr. Irving Friedman
Branch of Isotope Geology
U. S. Geological Survey
Federal Center
Denver, Colorado 80225

Dear Irving:

Your manuscript has just caught up with me as I have been working in the field in the Bend area working on a geologic map of Deschutes County and evaluating their mineral resources.

I have made some red penciled suggestions to the manuscript that I think will make it more accurate. I am also sending along a copy of our 1969 paper. You will note in this paper that the charcoal beneath the Big Obsidian flow was sent to the Univ. of Texas by Uel Clanton of NASA, not by us. This same charcoal was dated earlier by Libby on material submitted by Howel Williams ( $2054 \pm 230$ ). Copies of the original references are also enclosed. The charcoal from this pumice zone has also been dated by another laboratory at  $1330 \pm 60$  B.P.

Otherwise the article sounds all right to me. Hopefully this will not raise another controversial discussion with Higgins & Waters.

If you have any other questions be sure to let me know. Am also enclosing Ed Groh's new address and he has also looked over the article and concurs in the suggestions I have made. Feel free to use any or none of them.

Best regards,

Norman V. Peterson

NVP:rep Encls: 5