

Route 1, Box 39
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May 21, 1973

Dr. Peter Bleed
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Lincoln, Nebraska 68508

Dear Pete:

Thank you for the kind words about the paper on the "Cone Principle" and am glad that you may find it of some use. It is interesting to know that you realize how quickly the stone working muscles become flacid. I find the same is true with me which is also probably the reason so many extinct skills were lost in a short span of time. However, you will soon regain your muscle tone with a little practice. I am so glad that you are continuing to spread the faith.

I am delighted that you have found someone who will continue the experiments on heat treatment. As you know, I do not agree with Purdy but do not have the lab facilities to rebut. I do hope you man will find a way of measuring the reduction of crystal size to ultimately note a reversion to the natural size after a certain period lapse. The changes could then be compared to thermally altered rocks of known C14 dates. Also the use of thermoluminescence may prove to be significant. Some jaspers have to be heated in excess of 48 hours at a reduced temperature - specifically I have in mind a jasper from the bruneau desert in Idaho. I am sure that continued thermal experiments will disclose that there are radical differences in the application and time elements of heating and cooling processes in diverse materials. I do wish to encourage this man to continue this phase of technology. If you know of Dr. John Fremlin the nuclear physicist from Birmingham you might want to correspond with him as he has made some remarkable discoveries about the heating of lithics.

Pete we hope we may be able to see you this summer sometime around the last of July or the first of August. We intend to visit Larry Agenbroad at his bison kill site and Vance Haynes also plans to be there at the same time. Do hope that your survey will be in that vicinity at that time.

Thanks for the nice letter and hope to see you this summer. Please give our regards to Ann and your lovely daughter and good Luck to Ann in Peru this summer.

With best wishes,

Don E. Crabtree

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