

Route 1, Box 39
Kimberly, Idaho 83341

March 21, 1972

Mr. Dan F. Morse
Arkansas Archaeological Survey
Drawer 820
State University, Arkansas 72467

Dear Dan:

Just a note to let you know that today I sent you some of the obsidian from Glass Butte. This material is from a find my wife made and it is quite colorful - an old quarry site.

Dan, at the present time, I do not have a satisfactory method of controlling the heat and determining the temperatures required to alter novaculite and quartz crystal. Outdoor fires make it a bit difficult to give accurate control. Don't know how ancient man did it. However, Barbara Purdy of the University of Florida does have the facilities and she may be able to do the tests on this material. She has done quite a bit of research on thermal alteration and is continuing the study so am sure she will cooperate with you. If you know someone with a diamond saw to slab the obsidian, it will furnish a lot of material without much waste.

I have certainly enjoyed working the the novaculite. It is excellent for making blades in its natural state and very good for pressure flaking after the proper heat alteration. I am to meet with Francois Bordes at Pullman on April 9th and plan to take some of it with me and have him try some blade-making.

Thanks so very much for all you have done for me.

Your friend,

Don E. Crabtree

Re. 7.2.142