1965, March 29

Mr. John Whiteley,
Route 2,
Tishomingo, Oklahoma.

Dear Mr. Whiteley:

The black rock like you have is the same as the kind I took a sample of from Mr.Orr. The place where it outcrops on your land, I believe you said near a creek, is probably what is called a "dike" in the granite structures of that region. After leaving you the other day, we went over to the Devil's Den. I saw a dike of that same material over there, a strip cutting thru the granite just before you cross the Pennington Creek, and you could actually see the rock running out into the creek.

I sent a sample to a Dr. Brian Mason who is quite an expert on geochemistry and petrology, the study of rocks. He says it would be classified, in all probability, as an "anorthosite". This is a technical name for a rock containing mostly what the rock people call "plagioclase feldspar" and "augite". The former is a sodium-calcium feldspar, and the latter a silicate mineral. In fact, most of the minerals in this rock are silicates.

The rock is of igneous origin, that is, was made by hot melted materials inside the earth at one time. It is not rare or of any special value, as the minerals in it are quite common in many regions, and are not ores from which any thing of special value can be easily extracted. I am sorry if I seem to hidebehind a lot of big words, but that's the way the scientists in the world of rocks and minerals talk and write.

Thanks again for your courtesies to us when we were there. I am still hopeful of finally getting the meteorites from you and Glenn. Just don't let any one else come in and fast-talk or high pressure you to my disadvantage. Not every one wanting these objects is as easy going or gentle as I, and some will try hard to twist your arm with a lot of talk about important scientific experiments that is not always fully correct.

Yours sincerely,