

1973 Feb. 28

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Dear Sir:

I got out the Bells and Crescent specimens. In each case we have only one small stone retrieved prior to any rainfall, and each has a broken face. I used a blunt-knife point to dig off a bit and hope I have furnished enough material. For my curiosity you might let me know how many milligrams of each you find these to be.

The Crescent seemed softer than the Bells but maybe I just tackled it in a better spot. Both of these exhibit the little white inclusions which as I understand it are actually highly shocked olivine.

The Crescent was a complete stone when picked up by the finder, a little boy of about 6, but his uncle cut one end off with a pocket knife. Mr. Robert Brown, who made the recovery, found the place on the grass or "lawn" where some of these fragments had fallen and we retrieved them, but I found they all had outside crust so I couldn't send any of them.

The Bells hit a roof which broke it, and altho we recovered some of the fragments of the break below the point where it hit the roof these had been rained on and I thought they might not be suitable. The piece your material came from is absolutely fresh and had been carefully wrapped up by the boy who picked it up.

Tell me this. What happens to the so-called remanent magnetism if a magnet has been brought near a specimen after it reaches the earth? And how does passage thru and residence in the earth's magnetic field affect magnetic experiments such as your technique?

Sincerely,