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National Museum of Natural History, Division of Meteorites Correspondence - Australia

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La Trobe University Department of Geology
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24th May, 1976

Dr. B. Mason,
Curator,
Department of Mineral Sciences,
National Museum of Natural History,
[[underline]] WASHINGTON [[/underline]], D.C. 20560, U.S.A.

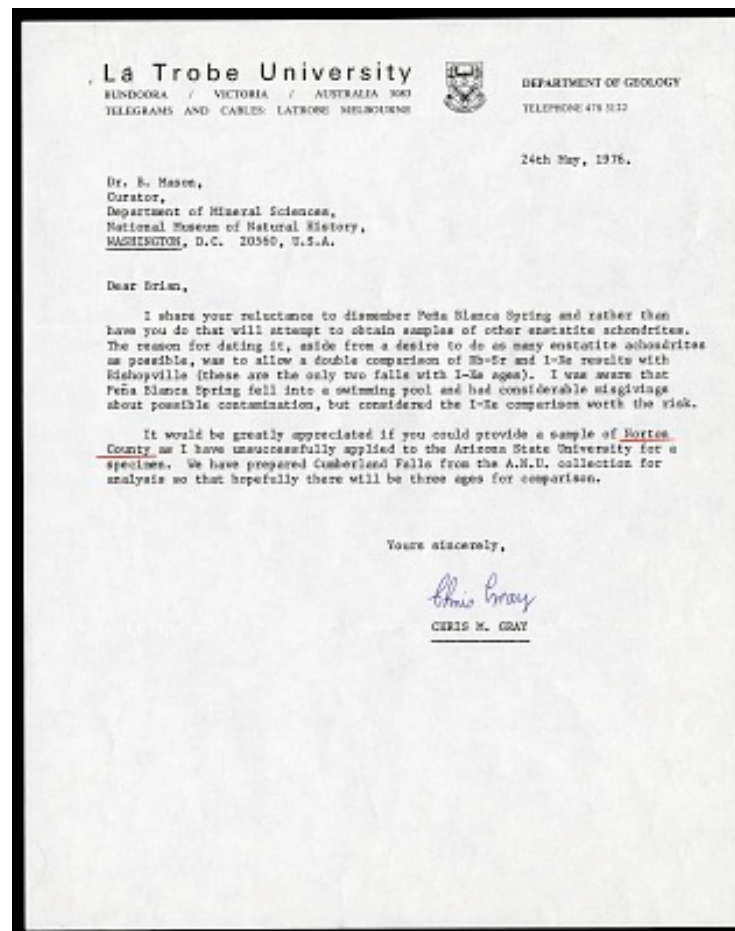
Dear Brian,

I share your reluctance to dismember Peña Blanca Spring and rather than have you do that will attempt to obtain samples of other enstatite achondrites. The reason for dating it, aside from a desire to do as many enstatite achondrites as possible, was to allow a double comparison of Rb-Sr and I-Xe results with Bishopville (these are the only two falls with I-Xe ages). I was aware that Peña Blanca Spring fell into a swimming pool and had considerable misgivings about possible contamination, but considered the I-Xe comparison worth the risk.

It would be greatly appreciated if you could provide a sample of [[underline]] Norton County [[/underline]] as I have unsuccessfully applied to the Arizona State University for a specimen. We have prepared Cumberland Falls from the A.N.U. collection for analysis so that hopefully there will be three ages for comparison.

Yours sincerely,

Chris Gray
[[underline]] Chris M. Gray [[/underline]]



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