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STATE UNIVERSITY OF NEW YORK
COLLEGE OF CERAMICS AT
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ALFRED, N. Y.
14802

DEPARTMENT OF
CERAMIC SCIENCE

July 29, 1966

Mr. Donald Crabtree
Idaho State Museum
Pocatello, Idaho

Dear Mr. Crabtree:

Professor C. Vance Haynes, Jr. of the University of Arizona has advised me that you have studied the question of flint knapping in relation to the understanding of ancient arrowheads and implements.

Without any particular knowledge of archaeology to start with, I am very much interested in learning the details of the several techniques for manufacturing these tools and implements.

For my part I have been studying for some years the evidence of fracture mechanisms in materials, ceramics and rocks. I take the liberty of enclosing a recent paper which illustrates some of the principles involved. It would be extremely interesting to extend these techniques of fractography to ancient artifacts.

I would appreciate anything that you could do to set me on the track. It would be most desirable to discuss the question with you in person but we are separated by such a distance that the possibility seems remote. Possibly you have written on the subject and would let me know where I could find this material. Also if you care to let me see some of the artifacts, I will see what I can do toward interpreting them from a fractographic standpoint.

Sincerely yours,

V. D. Fréchette

V. D. Fréchette
Professor of Ceramic Science

VDF:sj
Enc.