

**CHEMPET RESEARCH CORPORATION**

330 N. Zachary Avenue, Suite 107 Moorpark, CA 93021  
Telephone: (805) 529-0814/(805) 496-5947

October 5, 1989

Mr. Mark Bunnell  
Utah Fuel Co.  
P.O. Box 719  
Helper, UT 84526

Dear Mr. Bunnell:

The XRD results are enclosed. The claystone has a significant amount of montmorillonite (58%). The siltstones do not contain much clay and their amounts are basically at the limits of our resolution (circa 5%). The standards which we used were developed for California sedimentary rocks and the clays contained within them. The quantitative amounts of the clays in your samples may vary from the results reported if the clay composition and crystallinity are different. If the results are not consistent with other data in your possession, it would be advisable to make specific standards for your rock types.

Please contact me if you have further questions.

Sincerely,

A handwritten signature in cursive script that reads "Richard W. Hurst".

Richard W. Hurst, Ph.D.  
President & CEO

RWH:mah

Enclosure