

June 10, 1947

Mr. Richard H. Jahns
Division of the Geological Sciences
California Institute of Technology
Pasadena 4, California

Dear Mr. Jahns:

In response to your inquiry of May 19 I believe a thorough treatment of all aspects of the occurrence and origin of bentonites and the glauconite group of minerals merits particular attention. Research in this field should be integrated so as to correlate mineralogical composition, chemistry, and stratigraphic and paleo-geographic occurrence. It is my impression that treatment hitherto has covered only one of these fields without relation to any of the others, hence, has not gone deep enough to explain the origin of these minerals. It is my impression that the sedimentary and stratigraphic environment of these minerals has been neglected entirely. From what I know of the occurrence of these minerals in Texas, I am convinced that certain types of bentonites occur only in certain types of sedimentary environments. None of these problems are now under active investigation.

Very truly yours,

H. B. STENZEL
Geologist

HBS:hrb