

GEORGIA INSTITUTE OF TECHNOLOGY

ENGINEERING EXPERIMENT STATION

ATLANTA, GEORGIA 30332

September 3, 1964



CENTRAL
FILES

Mr. Norman H. Horton
Laboratory Manager
Minerals and Chemicals Philipp Corporation
Attapulgus, Georgia

Re: Project A-232-249

Dear Norman:

Electron micrographs of the four samples referred to in your letter of August 19 are enclosed.

Sample A resembles neither attapulgite nor diatomite. The large fractured particles may be quartz.

Sample B is primarily attapulgite. The small dark particles may be calcite and the hazy material monmorillomite.

Sample C is very similar to B.

Sample D is primarily attapulgite with some thin flaky material.

Of the four samples, I believe A would be the most abrasive. B, C, and D are similar in appearance; no typical diatomite shapes are visible in any of the samples.

If you desire, we can run x-ray diffraction traces on these for better identification.

Sincerely,

John L. Brown, Head
Analytical Instrumentation Labs.

JLB:ld
Enclosures

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