

FILE NAME: RT Vanderbilt (RTV)

DATE: 1970 June 4

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DOCUMENT DESCRIPTION: Memo RE Minerology - Western's Talc

Copy to L. Rubin

INTER-OFFICE MEMORANDUM

Date: June 4, 1970

To: R. C. Bacon
 From: A. C. Thompson
 Subject: Mineralogy - Western's Talc.

The only mineralogy study that has been run on our ore was done by Jack Rubin in 1968 at the request of the Ceramic Department as part of the Calcine Study. The cost of duplicating the study would be at least \$500 through a private firm. However, Dick Clark might be able to arrange it through the Interpace Lab if it were important.

Rubin's study indicates the following mineralogy for the various general types of talc.

Mineral (Hardness)	Ore Type		
	Hard	Soft	LB
Talc (1.0)	30%	80%	41%
Tremalite (5.0-6.0)	55%	4%	1%
Calcite (3.0)	7%	8%	9%
Dolomite (3.5-4.0)	7%	5%	45%
Mica (1) (2.0-3.0)	1%	3%	4%

(1) Probably Sericite.

The above data is for typical ore types. As you are aware, we blend the various types to produce most of our products. This prevents any positive type statement as to the mineralogy of a particular product.

Should it be necessary to have further work done on individual products, I am afraid the cost would be quite large.

ACT/slw



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