

November 25, 2002

Mr. Charles Freeman Carolina Stalite Company P.O. Box 1037 Charlotte, NC 28144

Subject:

Laboratory Results of Expanded Slate - Stalite

Carolina Stalite Company LAW Project No. 30160-5-0486

Dear Mr. Freeman:

As authorized by your acceptance of our Work Authorization Sheet dated January 20, 1995, LAW Engineering and Environmental Services, Inc. (LAW) has completed the requested laboratory testing on the Expanded Slate - Stalite sample submitted by Mr. Freeman to the LAW Charlotte Laboratory on July 16, 2002. Testing was performed in general accordance with section:

AASHTO T 103 Standard Method of Test for Soundness of Aggregates by Freezing and Thawing

The results of the test are on the attached "Summary of Laboratory Test" sheet. If you should have any questions concerning this report, or if we may be of further assistance, please contact this office at (704) 357-8600 ext. 5582.

Sincerely,

LAW ENGINEERING AND ENVIRONMENTAL SERVICES, INC.

Greg W. Williams

Materials Laboratory Technician

Dreg W. Williams

Michael O. Hamlett

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Laboratory Business Unit Leader

GWW/MSH: gww

Attachments: Summary of Laboratory Testing Sheet

Summary of Laboratory Test Expanded Slate - Stalite Testing Carolina Stalite Company LAW Project No. 30160-5-0486

Sample Identification: Expanded Slate - Stalite

AASHTO T 103: Standard Method of Test for Soundness of Aggegates by Freezing and Thawing (Procedure A, 25 cycles)

Sample Fraction	Percent of Total Sample Retained	Sample Weight (gms)	Percent Passing Designated Sieve After Test	Weighted Percentage Loss
1 1/2" - 34"	4.1	0	0.59*	0.02
34" - 3/8"	80.7	999.7	0.59	0.48
3/8" - #4	14.8	300.2	0.53	0.08
Minus #4	0.4	0		***
Total	100.0			0.58

^{*}Assumed value per AASHTO T 103