



3348 Route 208, Campbell Hall, NY 10916
Phone: 845-496-1600 Fax: 845-496-1398
12960 Commerce Lakes Drive, A14, Fort Myers, FL 33913
42 Day Farm Road, West Stockbridge, MA 01266
1813 State Route 7, Harpursville, NY 13787

Report of 25 Cycle Freezing and Thawing of Coarse Aggregates

Test Method NYSDOT 703-08-2

Client:	Aden Aggregates	Project:	Hancock QC 2025
Item:	3/4 Stone	Project #:	250350
Source:	Hancock Quarry	ATC Lab #:	25-0655
Date Sampled:	6/2/2025	Sampled By:	Client
Date Tested:	6/9/2025 - 7/9/2025	Tested By:	Michelle Burns

NYSDOT Designation: _____ #1 Stone X #2 Stone

Item	Prepared Sample Mass	Sample Mass after 25 cycles	Mass Loss	Percent Loss	Total Percent Loss
19 - 12.5 mm	1012.7	834.4	178.3	17.6	15.8
25 - 19 mm	1539.1	1314.1	225	14.6	

Sample Composition: Gray and brown sandstone and red shale, with pre-existing bedding planes.

Principle Form of Degradation:

<u> X </u> Splitting	<u> </u> Chipping
<u> </u> Crumbling	<u> X </u> Cracking
<u> X </u> Flaking	<u> </u> Disintegration

Emily J. Rodriguez

Report Reviewed By: _____

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The results in this report relate only to the items inspected or tested.



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Photos of samples before testing:

1/2 in.



3/4 in.



Photos of samples after testing:

1/2 in.



3/4"

