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Client:	Aden Aggregates	Project:	Chester Quarry 2025
Material:	3/4" Stone	Project Number:	250460
Source:	Chester Quarry	Lab Number:	25-1364B
Location:	Stockpile	Item Number:	No Specifications
Sampled:	10/6/2025	Sampled By:	Client
Tested:	10/14/2025	Tested By:	Michael D Thomas

Report of Resistance to Degradation (Los Angeles Abrasion)
Test Method: ASTM C535

Table of Gradings and Weights (g) of Test Samples								
Sieve Size, mm (in.)		Grading Designation (ASTM C131, AASHTO T96)				Grading Designation ASTM C535		
Passing	Retained On	A	B	C	D	1	2	3
75.0 (3)	63.0 (2 1/2)					2500+/-50		
63.0 (2 1/2)	50.0 (2)					2500+/-50		
50.0 (2)	37.5 (1 1/2)					5000+/-50	5000+/-50	
37.5 (1 1/2)	25.0 (1)	1250+/-25					5000+/-25	5000+/-25
25.0 (1)	19 (3/4)	1250+/-25						5000+/-25
19.0 (3/4)	12.5 (1/2)	1250+/-10	2500+/-10					
12.5 (1/2)	9.5 (3/8)	1250+/-10	2500+/-10					
9.5 (3/8)	6.3 (1/4)			2500+/-10				
6.3 (1/4)	4.75 (#4)			2500+/-10				
4.75 (#4)	2.35 (#8)				5000+/-10			
Total (g):		5000+/-10	5000+/-10	5000+/-10	5000+/-10	10000+/-100	10000+/-75	1000+/-50

Test Method Used: ASTM C535

Original Sample Grading (see chart above): 3

Starting Oven-Dry Sample Weight, A (g): 10015

Final +1.70mm Sample Weight, B (g): 8220

LA Abrasion (% Loss): 17.9
 (A - B)/A * 100

Specification: _____

Comments:

Emily J. Rodriguez

Report Reviewed By:

The simple acceptance/rejection decision rule is utilized to determine in-tolerance and out of tolerance or pass/fail conditions and no measurement uncertainty is applied in this determination.

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