

Advance Testing

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Client:	Aden Aggregates	Project:	Chester Quarry 2025
Item:	Subbase (Item #4)	Project Number:	250460
Source:	Chester Quarry	Lab Number:	25-1364A
Date Sampled:	10/6/2025	Sampled By:	Client
Date Tested:	10/13/2025	Tested By:	Michael Flaherty

GRADATION (SIEVE ANALYSIS) OF SOIL OR AGGREGATE

Test Method(s): ASTM D422, C136, C117; AASHTO T88, T27, T11

Lab Number	Sample Type	Sampling Location	Specification
25-1364A	Subbase (Item #4)	Stockpile	NYSDOT 304-2.02 Type 4

Sieve Size		% Retained	% Passing	Spec. % Pass
mm	Inches			
100.0 mm	4"	0.0	100	
75.0 mm	3"	0.0	100	
63.0 mm	2 1/2"	0.0	100	
50.0 mm	2"	0.0	100	100
37.5 mm	1 1/2"	0.0	100	
25.0 mm	1"	0.0	100	
19.0 mm	3/4"	2.4	98	
12.5 mm	1/2"	16.1	82	
6.3 mm	1/4"	23.2	58	30-65
4.75 mm	#4	8.3	50	
2.00 mm	#10	18.6	31	
0.850 mm	#20	14.6	17	
0.600 mm	#30	4.2	13	
0.425 mm	#40	2.0	11	5-40
0.150 mm	#100	3.5	7	
0.075 mm	#200	1.4	5.7	0-10
Pan		5.7		

Comments: **Test results comply with specification**

Minus #200 by wash-sieve method.

Test result complies with NYSDOT 304-2.02 Type, 1, Type 2, Type 3 and Type 4

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 of uncertainty is applied in this determination.

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

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