

# Advance Testing

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<b>Client:</b>	Aden Aggregates	<b>Project:</b>	Grasso Quarry QC 2025
<b>Item:</b>	(Subbase) Item 4	<b>Project Number:</b>	250005
<b>Source:</b>	Aden Aggregates	<b>Lab Number:</b>	25-1086
<b>Date Sampled:</b>	8/11/2025	<b>Sampled By:</b>	Client
<b>Date Tested:</b>	8/13/2025	<b>Tested By:</b>	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
25-1086	(Subbase) Item 4	Stockpile	NYSDOT 304.03 Type 2

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"	2.3	98	
19.0 mm	3/4"	10.7	87	
12.5 mm	1/2"	18.1	69	
6.3 mm	1/4"	19.7	49	25-60
4.75 mm	#4	5.9	43	
2.00 mm	#10	19.5	24	
0.850 mm	#20	9.4	14	
0.600 mm	#30	2.3	12	
0.425 mm	#40	1.7	10	5-40
0.150 mm	#100	3.2	7	
0.075 mm	#200	1.3	5.9	0-10
Pan		5.9		

Comments: **Test results comply with specification**  
 Minus #200 by wash-sieve method.

*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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