



Atlantic Testing Laboratories

# Particle Size Analysis Report

Report #: SL08A-000011

**Syracuse**  
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**Client:**  
O'Tooles Stone & Gravel  
70 Oak Hill Road  
Moravia, NY 13118

**Project:**  
ST4872  
O'Tooles Stone & Gravel Laboratory Testing LSA  
2024  
Syracuse, NY 13206

## Sampling Information

<b>Sample Number:</b> 114699	<b>Sampled By:</b> Client
<b>Sampling Method:</b> Not Provided	<b>Sample Date:</b> 06/24/2024
<b>Sample From:</b> Not Given	<b>Material Description:</b> Crushed Stone
<b>Color/Material Description:</b> Grey #2 crushed	

## Test Results

<b>Test Completed By:</b> Wilburn, Jon				<b>Test Completed Date:</b> 07/17/2024			
Sieve Analysis Data				<p>The graph plots % Passing on the y-axis (0 to 100) against Sieve Size (mm) on the x-axis (logarithmic scale from 100 to 0.075). The data points are: 37.5 mm (100%), 25 mm (57%), 19 mm (4%), 12.5 mm (1%), 6.3 mm (1%), 4.75 mm (1%), 2 mm (1%), 850 micrometers (1%), 425 micrometers (1%), 250 micrometers (1%), 180 micrometers (1%), 150 micrometers (1%), and 75 micrometers (0.6%).</p>			
Sieve Size	Percent Passing	Spec. Range	Spec. Result				
37.5 mm (1.5 inch)	100	---	---				
25 mm (1 inch)	57	---	---				
19 mm (3/4 inch)	4	---	---				
12.5 mm (1/2 inch)	1	---	---				
6.3 mm (1/4 inch)	1	---	---				
4.75 mm (No. 4)	1	---	---				
2 mm (No. 10)	1	---	---				
850 µm (No. 20)	1	---	---				
425 µm (No. 40)	1	---	---				
250 µm (No. 60)	1	---	---				
180 µm (No. 80)	1	---	---				
150 µm (No. 100)	1	---	---				
75 µm (No. 200)	0.6	---	---				
<b>Test Specification:</b> ASTM C136/C117							

Jon Wilburn Lab Supervisor 07/17/2024