

Sieve Analysis

ONE SET OF SIEVES ONLY: x

ASTM C-136

Gravel Section

Weights are Cumulative: x

Sieve Size	US	mm	Cumulative Retained Weight	Cumulative Percent Retained	Cumulative Percent Passing	Interpolated Percent Passing
6.00"		152.40	0.00	0.0%	100%	100.0%
4.00"		101.60	0.00	0.0%	100%	100.0%
3.00"		75.00	0.00	0.0%	100%	100.0%
2.50"		63.00				100.0%
2.00"		50.00	0.00	0.0%	100%	100.0%
1.75"		45.00				100.0%
1.50"		37.50	0.00	0.0%	100%	100.0%
1.25"		31.50				100.0%
1.00"		25.00				100.0%
7/8"		22.40				100.0%
3/4"		19.00	0.00	0.0%	100%	100.0%
5/8"		16.00				90.4%
1/2"		12.50				79.3%
3/8"		9.50				69.7%
1/4"		6.30	525.83	40.5%	59%	59.5%
#4		4.75	640.41	49.4%	51%	50.6%
Leave Blank						
Total Weight						

Date Received: 01/13/26

Date Tested: 01/14/26

Sample #: 26S0009G

Material: Onsite

Color: Gray

By: Client

Project: Lawton Adams

Client: Lawton Adams

Date Issued: 01/26/26

Lab Tech: BS

custom specs 35

Specs

Max

Min

ASTM D-2487

Unified Soils Classification System

GW-GM, Well-graded Gravel with Silt and Sand

The data presented on this report relates only to the material sample tested
Deviations from the test method described in the referenced ASTM: None

Other Notes:

Local Screenings

Source:

Onsite

Ref Spec:

NYS DOT 733-11 Select Granular Fill

Sample Meets Spec

Fines Section

Weights are Cumulative: x

Before Wash Weight: 1297.30

After Wash Weight:

After Sieving Weight:

Sieve Size	US	mm	Cumulative Retained Weight	Cumulative Percent Retained	Cumulative Percent Passing	Interpolated Percent Passing	Specs Max	Min
#8		2.36				37.3%		
#10		2.00	839.59	64.7%	35%	35.3%		
#16		1.18				28.1%		
#20		0.85				25.3%		
#30		0.600				23.1%		
#40		0.425	1017.31	78.4%	22%	21.6%	70%	0%
#50		0.300				16.4%		
#60		0.250				14.3%		
#80		0.180				11.4%		
#100		0.150	1165.93	89.9%	10%	10.1%		
#140		0.106				7.2%		
#170		0.090				6.1%		
#200		0.075	1231.43	94.9%	5.1%	5.1%	15%	0%
Pan			1295.04					

% Gravel = 49.4 %

% Sand = 45.6 %

% Silt & Clay = 5.1 %

% Silt: N/A, Run Hydrometer

% Clay: N/A, Run Hydrometer

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STL uses the simple acceptance/simple rejection decision rule to determine in-tolerance and out-of-tolerance or pass/fail comply (yes/no) conditions and no measurement uncertainty is applied in this determination.

Richard Spears



This report cannot be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the US government.

Special Testing Lab, Inc.
21 Henry Street
Bethel, Ct. 06801
(203) 743-7281

Proctor Report

Date Tested: 01/14/26 Project: Lawton Adams Sample #: 26S0009G Client: Lawton Adams Material: Onsite Date Issued: 01/26/26 The data presented on this report relates only to the material sample tested. Color: Gray Lab Tech: BS ASTM D-2487, Unified Soils Classification System GW-GM, Well-graded Gravel with Silt and Sand						<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sieve</th> <th rowspan="2">Size</th> <th colspan="2">Specifications</th> </tr> <tr> <th>US</th> <th>mm</th> <th>Max</th> <th>Min</th> </tr> </thead> <tbody> <tr><td>6.00"</td><td>152.4</td><td>100.0 %</td><td></td></tr> <tr><td>4.00"</td><td>101.6</td><td>100.0 %</td><td></td></tr> <tr><td>3.00"</td><td>75.0</td><td>100.0 %</td><td></td></tr> <tr><td>2.50"</td><td>63.0</td><td></td><td></td></tr> <tr><td>2.00"</td><td>50.0</td><td>100.0 %</td><td></td></tr> <tr><td>1.75"</td><td>45.0</td><td></td><td></td></tr> <tr><td>1.50"</td><td>37.5</td><td>100.0 %</td><td></td></tr> <tr><td>1.25"</td><td>31.5</td><td></td><td></td></tr> <tr><td>1.00"</td><td>25.0</td><td></td><td></td></tr> <tr><td>7/8"</td><td>22.4</td><td></td><td></td></tr> <tr><td>3/4"</td><td>19.0</td><td>100.0 %</td><td></td></tr> <tr><td>5/8"</td><td>16.0</td><td></td><td></td></tr> <tr><td>1/2"</td><td>12.5</td><td></td><td></td></tr> <tr><td>3/8"</td><td>9.5</td><td></td><td></td></tr> <tr><td>1/4"</td><td>6.3</td><td>59.5 %</td><td></td></tr> <tr><td>#4</td><td>4.750</td><td>50.6 %</td><td></td></tr> <tr><td>#8</td><td>2.360</td><td></td><td></td></tr> <tr><td>#10</td><td>2.000</td><td>35.3 %</td><td></td></tr> <tr><td>#16</td><td>1.180</td><td></td><td></td></tr> <tr><td>#20</td><td>0.850</td><td></td><td></td></tr> <tr><td>#30</td><td>0.600</td><td></td><td></td></tr> <tr><td>#40</td><td>0.425</td><td>21.6 %</td><td></td></tr> <tr><td>#50</td><td>0.300</td><td></td><td></td></tr> <tr><td>#60</td><td>0.250</td><td></td><td></td></tr> <tr><td>#80</td><td>0.180</td><td></td><td></td></tr> <tr><td>#100</td><td>0.150</td><td>10.1 %</td><td></td></tr> <tr><td>#140</td><td>0.106</td><td></td><td></td></tr> <tr><td>#170</td><td>0.090</td><td></td><td></td></tr> <tr><td>#200</td><td>0.075</td><td>5.1 %</td><td></td></tr> </tbody> </table>		Sieve	Size	Specifications		US	mm	Max	Min	6.00"	152.4	100.0 %		4.00"	101.6	100.0 %		3.00"	75.0	100.0 %		2.50"	63.0			2.00"	50.0	100.0 %		1.75"	45.0			1.50"	37.5	100.0 %		1.25"	31.5			1.00"	25.0			7/8"	22.4			3/4"	19.0	100.0 %		5/8"	16.0			1/2"	12.5			3/8"	9.5			1/4"	6.3	59.5 %		#4	4.750	50.6 %		#8	2.360			#10	2.000	35.3 %		#16	1.180			#20	0.850			#30	0.600			#40	0.425	21.6 %		#50	0.300			#60	0.250			#80	0.180			#100	0.150	10.1 %		#140	0.106			#170	0.090			#200	0.075	5.1 %	
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Richard Special



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