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

Sieve Analysis

ONE SET OF SIEVES ONLY: x

Date Received: 02/19/25 Date Tested: 02/24/25 Sample #: 25S0024 Material: Onsite

Color: Gray

By: Client **Project: Lawton Adams** Client: Lawton Adams Date Issued: 02/27/25 Lab Tech: BS

ASTM C-136

Gravel Section

Gravel Section									_
Weights are Cumulative: x							rd General		
-		Cumulative	Cumulative	Cumulative Interpolated		Specs			
Sieve Size		Retained	Percent	Percent	Percent	Max	Min		
US	mm	Weight	Retained	Passing	Passing				
5.00"	127.00				100.0%			ASTM	D-2487
3.50"	88.90				100.0%			Unified Soil	s Classification System
3.00"	75.00				100.0%			GP, Poorly grad	led Gravel
2.50"	63.00	0.00	0.0%	100%	100.0%			The data prese	ented on this report relates
2.00"	50.00	0.00	0.0%	100%	100.0%			only to the ma	terial sample tested
1.75"	45.00				100.0%			Deviations fro	m the test method described
1.50"	37.50	0.00	0.0%	100%	100.0%			in the reference	ed ASTM: None
1.25"	31.50				84.5%			in the reference	ed / 15 TWI. TVOIC
1.00"	25.00	378.16	32.2%	68%	67.8%				
7/8"	22.40				51.9%				
3/4"	19.00	808.80	68.9%	31%	31.1%				
5/8"	16.00				18.7%				
1/2"	12.50	1125.09	95.8%	4%	4.2%				
3/8"	9.50				3.2%			Other Notes:	3/4" 1" Recycled Gravel
1/4"	6.30				2.1%			Source:	Onsite
#4	4.75	1155.24	98.4%	2%	1.6%			Ref Spec:	NYS DOT Table 703-4 #2
Leave Blank			1.6%						

Total Weight

Fines Section

Weights are Cumulative: x

Before Wash Weight: 1174.38

After Wash Weight:

After Sieving Weight:

		Cumulative	Cumulative	Cumulative	Interpolated	Specs		
Sieve	Size	Retained	Percent	Percent	Percent	Max	Min	
US	mm	Weight	Retained	Passing	Passing			
#8	2.36				1.1%			
#10	2.00				1.0%			% Gravel = 98.4 %
#16	1.18				0.8%			% Sand = 1.0 %
#20	0.85				0.8%			% Silt & Clay = 0.6 %
#30	0.600				0.7%			% Silt: N/A, Run Hydrometer
#40	0.425				0.7%			% Clay: N/A, Run Hydrometer
#50	0.300				0.6%			
#60	0.250				0.6%			
#80	0.180				0.6%			
#100	0.150				0.6%			
#140	0.106				0.6%			
#170	0.090				0.6%			
#200	0.075	1167.36	99.4%	0.6%	0.6%			
Pan		1173.83						

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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 uncertanity is applied in this determinination.

Kichard Specials

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