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

Sieve Analysis

ONE SET OF SIEVES ONLY: x					Date Da	Received: ate Tested: Sample #:	02/19/25 02/20/25 25S0021	By: Client Project: Lawton Adams Client: Lawton Adams Date Issued: 02/27/25 Last Tasta PS	
	ASTM C-136					Material: Onsite			
	Gravel Section					Color. Drown		Lab Tech: B5	
	Weights are Cumulative: x					STL Standard General		•	
		Cumulative	Cumulative	Cumulative	Interpolated	Specs			
Sieve	Size	Retained	Percent	Percent	Percent	Max	Min		
US	mm	Weight	Retained	Passing	Passing				
5.00"	127.00	0.00	0.0%	100%	100.0%			ASTM D-	-2487
3.50"	88.90	0.00	0.0%	100%	100.0%			Unified Soils	Classification System
3.00"	75.00	0.00	0.0%	100%	100.0%			SW, Well-graded Sand with Gravel	
2.50"	63.00	0.00	0.0%	100%	100.0%			The data presented on this report relates	
2.00"	50.00	0.00	0.0%	100%	100.0%			only to the material sample tested	
1.75"	45.00				100.0%			Deviations from the test method described	
1.50"	37.50	0.00	0.0%	100%	100.0%			in the referenced	ASTM: None
1.25"	31.50				97.1%			in the referenced	ASTW. None
1.00"	25.00				94.0%				
7/8"	22.40				92.7%				
3/4"	19.00	114.42	8.9%	91%	91.1%				
5/8"	16.00				85.6%				
1/2"	12.50				79.1%				
3/8"	9.50				73.6%			Other Notes:	Bank Run
1/4"	6.30	413.51	32.3%	68%	67.7%			Source:	Onsite
#4	4.75	499.58	39.0%	61%	61.0%			Ref Spec:	None Provided
Lea	ve Blank		61.0%						
100	u weight	Finas Saatia	n						
		Weights are	n Cumulative	v					
Before Wash Weight: 1281.71									
	After V	Vash Weight:	120101						
	After Sie	wing Woight:							
	Allel Sie	Cumulatina	Completing	Cumulativa	Tutomolotod	E mana			
Siovo	Sizo	Detained	Doroont	Boroont	Baraant	Mov	Min		
US	mm	Weight	Retained	Passing	Passing	wiax	IVIIII		
#8	2.36	weight	Retained	i ussing	46.1%				
#10	2.00	720.13	56.2%	44%	43.8%			%	Gravel = 39.0 %
#16	1.18				28.6%			9	6 Sand = 58.8 %
#20	0.85				22.5%			% Silt &	& Clay = 2.2 %
#30	0.600				17.9%				% Silt: N/A, Run Hydrometer
#40	0.425	1094.14	85.4%	15%	14.6%				% Clay: N/A, Run Hydrometer
#50	0.300				9.9%				
#60	0.250				8.0%				
#80	0.180				5.3%				
#100	0.150	1228.27	95.8%	4%	4.2%				
#140	0.106				3.0%				
#1/0	0.090	1252 50	07 00/	2 20/	2.6%				
π200 Pan	0.075	1255.58	91.070	4.4 /0	2.270				

Train 1278.04
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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 measeurement uncertanity is applied in this determinination.

Richard Spiciale 1



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