Special Testing Lab, Inc.
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Sieve Analysis

ONE SET OF SIEVES ONLY: x

ASTM C-136

Date Received: 02/19/25
Date Tested: 02/20/25
Sample #: 25S0021
Material: Onsite
Color: Brown

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

STL Standard General

Gravel Section
Weights are Cumulative: x

Sieve US	Size mm	**Cumulative Retained Weight**	Cumulative Percent Retained	**Cumulative Percent Passing**	Interpolated Percent Passing	**Specs Max**	**Min**
5.00"	127.00	**0.00**	0.0%	**100%**	100.0%		
3.50"	88.90	**0.00**	0.0%	**100%**	100.0%		
3.00"	75.00	**0.00**	0.0%	**100%**	100.0%		
2.50"	63.00	**0.00**	0.0%	**100%**	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				97.1%		
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%		
1/4"	6.30	**413.51**	32.3%	**68%**	67.7%		
#4	4.75	**499.58**	39.0%	**61%**	61.0%		
Leave Blank			61.0%				
Total Weight							

Fines Section
Weights are Cumulative: x

Before Wash Weight: **1281.71**
After Wash Weight:
After Sieving Weight:

Sieve US	Size mm	**Cumulative Retained Weight**	Cumulative Percent Retained	**Cumulative Percent Passing**	Interpolated Percent Passing	**Specs Max**	**Min**
#8	2.36				46.1%		
#10	2.00	**720.13**	56.2%	**44%**	43.8%		
#16	1.18				28.6%		
#20	0.85				22.5%		
#30	0.600				17.9%		
#40	0.425	**1094.14**	85.4%	**15%**	14.6%		
#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%		
#170	0.090				2.6%		
#200	0.075	**1253.58**	97.8%	**2.2%**	2.2%		
Pan		**1278.84**					

ASTM D-2487
Unified Soils Classification System

SW, Well-graded Sand with Gravel

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: **Bank Run**
Source: **Onsite**
Ref Spec: **None Provided**

% Gravel = 39.0 %
% Sand = 58.8 %
% Silt & Clay = 2.2 %
% Silt: N/A, Run Hydrometer
% Clay: N/A, Run Hydrometer

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 uncertainty is applied in this determinination.

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TESTING
NVLAP LAB CODE 100308-0

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