

Sieve Analysis

ONE SET OF SIEVES ONLY: x

ASTM C-136

Gravel Section

Weights are Cumulative: x

Sieve Size	Cumulative Retained Weight	Cumulative Percent Retained	Cumulative Percent Passing	Interpolated Percent Passing
US mm				
5.00"	127.00			100.0%
3.50"	88.90			100.0%
3.00"	75.00			100.0%
2.50"	63.00			100.0%
2.00"	50.00			100.0%
1.75"	45.00			100.0%
1.50"	37.50	0.0%	100%	100.0%
1.25"	31.50			71.0%
1.00"	25.00	767.08	60.3%	40%
7/8"	22.40			39.7%
3/4"	19.00	1199.92	94.4%	6%
5/8"	16.00			24.9%
1/2"	12.50	1246.42	98.0%	2%
3/8"	9.50			2.0%
1/4"	6.30			1.8%
#4	4.75	1250.87	98.4%	2%
Leave Blank			1.6%	1.7%
Total Weight				1.6%

STL Standard General

Specs
Max Min

ASTM D-2487

Unified Soils Classification System

GP, Poorly graded 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: 3/4" Local Gravel
Source: Onsite
Ref Spec: NYS DOT Table 703-4 #2

Fines Section

Weights are Cumulative: x

Before Wash Weight: 1271.64

After Wash Weight:

After Sieving Weight:

Sieve Size	Cumulative Retained Weight	Cumulative Percent Retained	Cumulative Percent Passing	Interpolated Percent Passing	Specs Max Min
US mm					
#8	2.36			1.1%	
#10	2.00			1.0%	
#16	1.18			0.8%	
#20	0.85			0.7%	
#30	0.600			0.6%	
#40	0.425			0.6%	
#50	0.300			0.5%	
#60	0.250			0.5%	
#80	0.180			0.5%	
#100	0.150			0.5%	
#140	0.106			0.5%	
#170	0.090			0.5%	
#200	0.075	1265.35	99.5%	0.5%	
Pan		1271.43			

% Gravel = 98.4 %
% Sand = 1.1 %
% Silt & Clay = 0.5 %
% 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.

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