

# NorthEast Transportation Training & Certification Program

## Sieve Analysis Test Report ( T 27, T 11 , T 255)

Date/Time:	Lab/Location:	
Weather:	Date Rec'd #:	Random Sample: Yes No
Project:	Lab Login #:	Lot #:
Contract #:	Material ID:	Sublot #:
Contractor:	Material #:	Sample Location:
Pay Item #:	Sample #:	Station:
Source:	Sample Type: QC A-V IA DR Other	Offset:
Plant Type:	Sampled By/Cert. #:	

<b>Total Moisture Content by Drying (T 255)</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">Wet Mass(W):</td><td style="width: 20%;"></td></tr> <tr><td>Original Dry Mass(D):</td><td></td></tr> <tr><td>Moisture Loss (W - D):</td><td></td></tr> <tr><td><b>% Moisture (100 x (W - D) / D):</b></td><td></td></tr> </table>	Wet Mass(W):		Original Dry Mass(D):		Moisture Loss (W - D):		<b>% Moisture (100 x (W - D) / D):</b>		<b>Materials Finer than 75 µm Sieve by Washing (T 11)</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">Dry Mass after wash (Dw):</td><td style="width: 20%;"></td></tr> <tr><td>Mass of Fines lost by washing (D - Dw):</td><td></td></tr> <tr><td><b>% -75 µm Sieve (100 x (D - Dw)/D):</b></td><td></td></tr> </table>	Dry Mass after wash (Dw):		Mass of Fines lost by washing (D - Dw):		<b>% -75 µm Sieve (100 x (D - Dw)/D):</b>	
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<b>% -75 µm Sieve (100 x (D - Dw)/D):</b>															

Sieve Analysis of Fine and Coarse Aggregates ( T 27 )								
Sieve	Mass per Sieve		% Retained per Sieve		% Passing		Specification %	
	Unwashed	Washed	Unwashed	Washed		Washed	Unwashed	Washed
Sieve, in. (mm)								
2 1/2 (63)								
2 (50)								
1 1/2 (37.5)								
1 (25)								
3/4 (19)								
1/2 (12.5)								
3/8 (9.5)								
#4 (4.75)								
#8 (2.36)								
#16 (1.18)								
#30 (600 µm)								
#50 (300 µm)								
#100 (150 µm)								
Pan								
Sub Total					<b>Fineness Modulus (FM) =</b>			
Loss on Washing (D - Dw)								
Total								

Comments:	
Tested by:	Reviewed by:
Certification #:	Certification #:
Date:	Date:
Test Results Within Engineering Limits:	YES <input type="checkbox"/> NO <input type="checkbox"/>