

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2023**

Vendor:	<u>J.H. LYNCH</u>	Lab No:	<u>20230103</u>
Source:	<u>FIRST STREET QUARRY</u>	Location:	<u>CUMBERLAND, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">97.5</td> <td style="text-align: center;">77.9</td> <td style="text-align: center;">48.4</td> <td style="text-align: center;">30.6</td> <td style="text-align: center;">19.4</td> <td style="text-align: center;">12.5</td> <td style="text-align: center;">9.1</td> <td style="text-align: center;">3.14</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	97.5	77.9	48.4	30.6	19.4	12.5	9.1	3.14	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	97.5	77.9	48.4	30.6	19.4	12.5	9.1	3.14												
Unit Weight and Void in Aggregate	AASHTO T-19																				
Unit Weight: _____ (lbs./cu. ft.)																					
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																				
Bulk S.G.: <u>2.847</u> Apparent S.G.: <u>2.891</u>																					
Bulk (SSD): <u>2.862</u> Absorption: <u>0.52</u>																					
Plastic Fines by Sand Equivalence	AASHTO T-176																				
Plastic Fines: _____																					
Organic Impurities in Sands for Concrete	AASHTO T-21																				

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																				
_____ %																					

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FINE AGGREGATE ANALYSIS REPORT - 2023**

Vendor:	<u>PJ KEATING - CRANSTON</u>	Lab No:	<u>20230110</u>
Source:	<u>PHENIX AVE.</u>	Location:	<u>CRANSTON, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
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	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	99.2	81.6	61.5	45.8	26.5	8.7	2.8	2.77												
Unit Weight and Void in Aggregate	AASHTO T-19																				
Unit Weight: _____ (lbs./cu. ft.)																					
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																				
Bulk S.G.: <u>2.679</u> Apparent S.G.: <u>2.737</u>																					
Bulk (SSD): <u>2.700</u> Absorption: <u>0.79</u>																					
Plastic Fines by Sand Equivalence	AASHTO T-176																				
Plastic Fines: _____																					
Organic Impurities in Sands for Concrete	AASHTO T-21																				

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																				
_____ %																					

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FINE AGGREGATE ANALYSIS REPORT - 2023**

Vendor:	<u>MATERIALS SAND and STONE</u>	Lab No:	<u>20230114</u>
Source:	<u>MOUNTAINDALE QUARRY</u>	Location:	<u>SMITHFIELD, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
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3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	97.8	67.8	40.7	25.7	13.0	3.9	1.5	3.52											
Percent Passing :																			
Unit Weight and Void in Aggregate	AASHTO T-19																		
Unit Weight: _____ (lbs./cu. ft.)																			
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																		
Bulk S.G.: <u>2.599</u> Apparent S.G.: <u>2.642</u>																			
Bulk (SSD): <u>2.615</u> Absorption: <u>0.62</u>																			
Plastic Fines by Sand Equivalence	AASHTO T-176																		
Plastic Fines: _____																			
Organic Impurities in Sands for Concrete	AASHTO T-21																		

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																		
_____ %																			

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Vendor:	<u>RAWSON SAND and GRAVEL</u>	Lab No:	<u>20230120</u>
Source:	<u>SOCHOR PIT</u>	Location:	<u>PUTNAM, CT</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">94.0</td> <td style="text-align: center;">71.1</td> <td style="text-align: center;">47.2</td> <td style="text-align: center;">21.3</td> <td style="text-align: center;">6.8</td> <td style="text-align: center;">2.7</td> <td style="text-align: center;">2.60</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	100.0	94.0	71.1	47.2	21.3	6.8	2.7	2.60	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	100.0	94.0	71.1	47.2	21.3	6.8	2.7	2.60												
Unit Weight and Void in Aggregate	AASHTO T-19																				
Unit Weight: _____ (lbs./cu. ft.)																					
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																				
Bulk S.G.: <u>2.622</u> Apparent S.G.: <u>2.680</u>																					
Bulk (SSD): <u>2.643</u> Absorption: <u>0.83</u>																					
Plastic Fines by Sand Equivalence	AASHTO T-176																				
Plastic Fines: _____																					
Organic Impurities in Sands for Concrete	AASHTO T-21																				

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																				
_____ %																					

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Vendor:	<u>RICHMOND SAND and GRAVEL</u>	Lab No:	<u>20230125</u>
Source:	<u>STILSON ROAD PIT</u>	Location:	<u>RICHMOND, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">100.0</td> <td style="text-align: center;">98.9</td> <td style="text-align: center;">84.2</td> <td style="text-align: center;">65.2</td> <td style="text-align: center;">44.6</td> <td style="text-align: center;">23.1</td> <td style="text-align: center;">7.6</td> <td style="text-align: center;">2.3</td> <td style="text-align: center;">2.76</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	98.9	84.2	65.2	44.6	23.1	7.6	2.3	2.76	
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	98.9	84.2	65.2	44.6	23.1	7.6	2.3	2.76											
Percent Passing :																			
Unit Weight and Void in Aggregate	AASHTO T-19																		
Unit Weight: _____ (lbs./cu. ft.)																			
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																		
Bulk S.G.: <u>2.600</u> Apparent S.G.: <u>2.626</u>																			
Bulk (SSD): <u>2.610</u> Absorption: <u>0.38</u>																			
Plastic Fines by Sand Equivalence	AASHTO T-176																		
Plastic Fines: _____																			
Organic Impurities in Sands for Concrete	AASHTO T-21																		

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																		
_____ %																			

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Vendor:	<u>LYNCH - TIVERTON</u>	Lab No:	<u>20230141</u>
Source:	<u>FISH ROAD QUARRY</u>	Location:	<u>TIVERTON</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">100.0</td> <td style="text-align: center;">99.0</td> <td style="text-align: center;">90.2</td> <td style="text-align: center;">73.3</td> <td style="text-align: center;">39.9</td> <td style="text-align: center;">9.5</td> <td style="text-align: center;">1.3</td> <td style="text-align: center;">0.6</td> <td style="text-align: center;">2.87</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.0	90.2	73.3	39.9	9.5	1.3	0.6	2.87	
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.0	90.2	73.3	39.9	9.5	1.3	0.6	2.87											
Percent Passing :																			
Unit Weight and Void in Aggregate	AASHTO T-19																		
Unit Weight: _____ (lbs./cu. ft.)																			
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																		
Bulk S.G.: <u>2.605</u> Apparent S.G.: <u>2.634</u>																			
Bulk (SSD): <u>2.616</u> Absorption: <u>0.42</u>																			
Plastic Fines by Sand Equivalence	AASHTO T-176																		
Plastic Fines: _____																			
Organic Impurities in Sands for Concrete	AASHTO T-21																		

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																		
_____ %																			

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Vendor:	<u>SOUTH COUNTY S & G</u>	Lab No:	<u>20230147</u>
Source:	<u>KLONDIKE QUARRY</u>	Location:	<u>CHARLESTOWN, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">84.4</td> <td style="text-align: center;">56.8</td> <td style="text-align: center;">30.8</td> <td style="text-align: center;">13.0</td> <td style="text-align: center;">4.0</td> <td style="text-align: center;">1.1</td> <td style="text-align: center;">3.11</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	100.0	84.4	56.8	30.8	13.0	4.0	1.1	3.11	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	100.0	84.4	56.8	30.8	13.0	4.0	1.1	3.11												
Unit Weight and Void in Aggregate	AASHTO T-19																				
Unit Weight: _____ (lbs./cu. ft.)																					
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																				
Bulk S.G.: <u>2.596</u> Apparent S.G.: <u>2.633</u>																					
Bulk (SSD): <u>2.610</u> Absorption: <u>0.54</u>																					
Plastic Fines by Sand Equivalence	AASHTO T-176																				
Plastic Fines: _____																					
Organic Impurities in Sands for Concrete	AASHTO T-21																				

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																				
_____ %																					

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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FINE AGGREGATE ANALYSIS REPORT - 2023**

Vendor:	<u>G. LOPES CONC. SAND</u>	Lab No:	<u>20230169</u>
Source:	<u>MIDDLEBORO PIT</u>	Location:	<u>MIDDLEBORO, MA</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
Percent Passing :	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>100.0</td> <td>99.8</td> <td>85.5</td> <td>68.7</td> <td>50.6</td> <td>27.4</td> <td>7.2</td> <td>2.0</td> <td>2.61</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.8	85.5	68.7	50.6	27.4	7.2	2.0	2.61
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.8	85.5	68.7	50.6	27.4	7.2	2.0	2.61											
Unit Weight and Void in Aggregate	AASHTO T-19																		
Unit Weight: _____	(lbs./cu. ft.)																		
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																		
Bulk S.G.: <u>2.660</u>	Apparent S.G.: <u>2.718</u>																		
Bulk (SSD): <u>2.682</u>	Absorption: <u>0.81</u>																		
Plastic Fines by Sand Equivalence	AASHTO T-176																		
Plastic Fines: _____																			
Organic Impurities in Sands for Concrete	AASHTO T-21																		

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																		
_____ %																			

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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FINE AGGREGATE ANALYSIS REPORT - 2023**

Vendor:	<u>J.P. CARRARA</u>	Lab No:	<u>20230172</u>
Source:	<u>MIDDLEBURY, VT</u>	Location:	<u>MIDDLEBURY, VT</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">100.0</td> <td style="text-align: center;">99.6</td> <td style="text-align: center;">78.2</td> <td style="text-align: center;">52.1</td> <td style="text-align: center;">34.5</td> <td style="text-align: center;">18.6</td> <td style="text-align: center;">9.0</td> <td style="text-align: center;">3.2</td> <td style="text-align: center;">3.08</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.6	78.2	52.1	34.5	18.6	9.0	3.2	3.08	
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.6	78.2	52.1	34.5	18.6	9.0	3.2	3.08											
Percent Passing :																			
Unit Weight and Void in Aggregate	AASHTO T-19																		
Unit Weight: _____ (lbs./cu. ft.)																			
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																		
Bulk S.G.: <u>2.593</u> Apparent S.G.: <u>2.653</u>																			
Bulk (SSD): <u>2.616</u> Absorption: <u>0.87</u>																			
Plastic Fines by Sand Equivalence	AASHTO T-176																		
Plastic Fines: _____																			
Organic Impurities in Sands for Concrete	AASHTO T-21																		

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																		
_____ %																			

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FINE AGGREGATE ANALYSIS REPORT - 2023**

Vendor: <u>CARDI (ASPHALT SAND)</u>	Lab No: <u>20230183</u>
Source: <u>West Greenwich, RI</u>	Location: <u>West Greenwich, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">93.9</td> <td style="text-align: center;">53.7</td> <td style="text-align: center;">31.2</td> <td style="text-align: center;">21.5</td> <td style="text-align: center;">16.5</td> <td style="text-align: center;">9.1</td> <td style="text-align: center;">2.3</td> <td style="text-align: center;">3.74</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	93.9	53.7	31.2	21.5	16.5	9.1	2.3	3.74	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	93.9	53.7	31.2	21.5	16.5	9.1	2.3	3.74												
Unit Weight and Void in Aggregate	AASHTO T-19																				
Unit Weight: _____ (lbs./cu. ft.)																					
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																				
Bulk S.G.: <u>2.594</u> Apparent S.G.: <u>2.638</u>																					
Bulk (SSD): <u>2.610</u> Absorption: <u>0.64</u>																					
Plastic Fines by Sand Equivalence	AASHTO T-176																				
Plastic Fines: _____																					
Organic Impurities in Sands for Concrete	AASHTO T-21																				

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																				
_____ %																					

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
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Vendor: <u>CARDI CORP</u>	Lab No: <u>20230192</u>
Source: <u>West Greenwich, RI</u>	Location: <u>West Greenwich, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">100.0</td> <td style="text-align: center;">99.0</td> <td style="text-align: center;">83.9</td> <td style="text-align: center;">69.8</td> <td style="text-align: center;">56.1</td> <td style="text-align: center;">35.8</td> <td style="text-align: center;">11.5</td> <td style="text-align: center;">2.6</td> <td style="text-align: center;">2.44</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.0	83.9	69.8	56.1	35.8	11.5	2.6	2.44	
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.0	83.9	69.8	56.1	35.8	11.5	2.6	2.44											
Percent Passing :																			
Unit Weight and Void in Aggregate	AASHTO T-19																		
Unit Weight: _____ (lbs./cu. ft.)																			
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																		
Bulk S.G.: <u>2.610</u>	Apparent S.G.: <u>2.633</u>																		
Bulk (SSD): <u>2.618</u>	Absorption: <u>0.34</u>																		
Plastic Fines by Sand Equivalence	AASHTO T-176																		
Plastic Fines: _____																			
Organic Impurities in Sands for Concrete	AASHTO T-21																		
_____ _____																			
Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																		
_____ %																			

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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Vendor:	<u>WINDHAM MATERIALS</u>	Lab No:	<u>20230195</u>
Source:	<u>WILLIMANTIC CT.</u>	Location:	<u>WILLIMANTIC CT.</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">95.8</td> <td style="text-align: center;">80.7</td> <td style="text-align: center;">67.2</td> <td style="text-align: center;">49.4</td> <td style="text-align: center;">24.6</td> <td style="text-align: center;">7.2</td> <td style="text-align: center;">2.1</td> <td style="text-align: center;">2.75</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	95.8	80.7	67.2	49.4	24.6	7.2	2.1	2.75	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	95.8	80.7	67.2	49.4	24.6	7.2	2.1	2.75												
Unit Weight and Void in Aggregate	AASHTO T-19																				
Unit Weight: _____ (lbs./cu. ft.)																					
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																				
Bulk S.G.: <u>2.651</u> Apparent S.G.: <u>2.702</u>																					
Bulk (SSD): <u>2.670</u> Absorption: <u>0.70</u>																					
Plastic Fines by Sand Equivalence	AASHTO T-176																				
Plastic Fines: _____																					
Organic Impurities in Sands for Concrete	AASHTO T-21																				

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																				
_____ %																					

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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Vendor:	<u>CUMBERLAND QUARRY</u>	Lab No:	<u>20230198</u>
Source:	<u>MANVILLE HILL ROAD</u>	Location:	<u>CUMBERLAND, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">100.0</td> <td style="text-align: center;">98.1</td> <td style="text-align: center;">48.5</td> <td style="text-align: center;">19.7</td> <td style="text-align: center;">9.1</td> <td style="text-align: center;">4.7</td> <td style="text-align: center;">2.5</td> <td style="text-align: center;">1.5</td> <td style="text-align: center;">4.17</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	98.1	48.5	19.7	9.1	4.7	2.5	1.5	4.17	
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	98.1	48.5	19.7	9.1	4.7	2.5	1.5	4.17											
Percent Passing :																			
Unit Weight and Void in Aggregate	AASHTO T-19																		
Unit Weight: _____ (lbs./cu. ft.)																			
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																		
Bulk S.G.: <u>2.662</u> Apparent S.G.: <u>2.798</u>																			
Bulk (SSD): <u>2.711</u> Absorption: <u>1.83</u>																			
Plastic Fines by Sand Equivalence	AASHTO T-176																		
Plastic Fines: _____																			
Organic Impurities in Sands for Concrete	AASHTO T-21																		

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																		
_____ %																			

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FINE AGGREGATE ANALYSIS REPORT - 2023**

Vendor:	<u>OSSIPEE AGGREGATE CORP</u>	Lab No:	<u>20230199</u>
Source:	<u>OSSIPEE, NH</u>	Location:	<u>OSSIPEE, NH</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">98.4</td> <td style="text-align: center;">92.0</td> <td style="text-align: center;">77.0</td> <td style="text-align: center;">50.3</td> <td style="text-align: center;">19.8</td> <td style="text-align: center;">4.6</td> <td style="text-align: center;">1.2</td> <td style="text-align: center;">2.58</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	98.4	92.0	77.0	50.3	19.8	4.6	1.2	2.58	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	98.4	92.0	77.0	50.3	19.8	4.6	1.2	2.58												
Unit Weight and Void in Aggregate	AASHTO T-19																				
Unit Weight: _____ (lbs./cu. ft.)																					
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																				
Bulk S.G.: <u>2.559</u> Apparent S.G.: <u>2.614</u>																					
Bulk (SSD): <u>2.580</u> Absorption: <u>0.83</u>																					
Plastic Fines by Sand Equivalence	AASHTO T-176																				
Plastic Fines: _____																					
Organic Impurities in Sands for Concrete	AASHTO T-21																				

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																				
_____ %																					

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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FINE AGGREGATE ANALYSIS REPORT - 2023**

Vendor:	<u>P.A. LANDERS</u>	Lab No:	<u>20230212</u>
Source:	<u>FORESTDALE</u>	Location:	<u>FORESTDALE, MA.</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">98.6</td> <td style="text-align: center;">89.3</td> <td style="text-align: center;">76.2</td> <td style="text-align: center;">49.8</td> <td style="text-align: center;">19.7</td> <td style="text-align: center;">4.1</td> <td style="text-align: center;">1.4</td> <td style="text-align: center;">2.62</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	98.6	89.3	76.2	49.8	19.7	4.1	1.4	2.62	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	98.6	89.3	76.2	49.8	19.7	4.1	1.4	2.62												
Unit Weight and Void in Aggregate	AASHTO T-19																				
Unit Weight: _____ (lbs./cu. ft.)																					
Specific Gravity and Absorption of Fine Aggregate	AASHTO T-84																				
Bulk S.G.: <u>2.608</u> Apparent S.G.: <u>2.646</u>																					
Bulk (SSD): <u>2.623</u> Absorption: <u>0.54</u>																					
Plastic Fines by Sand Equivalence	AASHTO T-176																				
Plastic Fines: _____																					
Organic Impurities in Sands for Concrete	AASHTO T-21																				

Amount of Material Finer than # 200 Sieve in Aggregate	AASHTO T-37																				
_____ %																					

