### Sieve Analysis of Fine Aggregate

**AASHTO T-27**

<table>
<thead>
<tr>
<th>Percent Passing:</th>
<th>3/8''</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.:</th>
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<tbody>
<tr>
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<td>35.9</td>
<td>14.7</td>
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<td>0.7</td>
<td>2.91</td>
</tr>
</tbody>
</table>

### Unit Weight and Void in Aggregate

**AASHTO T-19**

- **Unit Weight:** 108.92 (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate

**AASHTO T-84**

- **Bulk S.G.:** 2.634
- **Apparent S.G.:** 2.682
- **Bulk (SSD):** 2.652
- **Absorption:** 0.68

### Plastic Fines by Sand Equivalence

**AASHTO T-176**

- **Plastic Fines:**

### Organic Impurities in Sands for Concrete

**AASHTO T-21**

- **Organic Impurities:**

### Amount of Material Finer than # 200 Sieve in Aggregate

**AASHTO T-37**

- **%:**
**RHODE ISLAND DEPARTMENT OF TRANSPORTATION**  
MATERIALS AND QUALITY ASSURANCE  
FINE AGGREGATE ANALYSIS REPORT - 2015

Vendor: J.H. LYNCH  
Source: FIRST STREET QUARRY  
Lab No: 20150103  
Location: CUMBERLAND, RI

---

### Sieve Analysis of Fine Aggregate  
**AASHTO T-27**

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<th># 4</th>
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<th># 100</th>
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<td>20.5</td>
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<td>3.07</td>
</tr>
</tbody>
</table>

### Unit Weight and Void in Aggregate  
**AASHTO T-19**

Unit Weight: 121.17 (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate  
**AASHTO T-84**

- Bulk S.G.: 2.891  
- Apparent S.G.: 2.946  
- Bulk (SSD): 2.910  
- Absorption: 0.64

### Plastic Fines by Sand Equivalence  
**AASHTO T-176**

Plastic Fines: 

### Organic Impurities in Sands for Concrete  
**AASHTO T-21**

(Blank space)

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

---

Reviewed By  
(Date)  

ID# TL9-082  
REV. 5/1/15
RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
MATERIALS AND QUALITY ASSURANCE  
FINE AGGREGATE ANALYSIS REPORT - 2015

Vendor: PJ KEATING - CRANSTON  
Source: PHENIX AVE.  
Lab No: 20150110  
Location: CRANSTON, RI

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Unit Weight and Void in Aggregate  
AASHTO T-19

Unit Weight: 109.03 (lbs./cu. ft.)

Specific Gravity and Absorption of Fine Aggregate  
AASHTO T-84

<table>
<thead>
<tr>
<th>Bulk S.G.:</th>
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<th>Apparent S.G.:</th>
<th>2.693</th>
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<td>Bulk (SSD):</td>
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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
FINE AGGREGATE ANALYSIS REPORT - 2015

Vendor: DRY BRIDGE SAND and STONE    Lab No: 20150113
Source: SLOCUM PIT    Location: N. KINGSTOWN, RI

### Sieve Analysis of Fine Aggregate

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### Unit Weight and Void in Aggregate

Unit Weight: 110.25 (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate

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<tr>
<td></td>
<td>2.612</td>
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### Plastic Fines by Sand Equivalence

Plastic Fines: ________

### Organic Impurities in Sands for Concrete

________

### Amount of Material Finer than # 200 Sieve in Aggregate

______ %
Vendor: CHERENZIA  
Source: OLD HOPKINTON RD. QUARRY  
Location: WESTERLY, RI

Sieve Analysis of Fine Aggregate

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<thead>
<tr>
<th>Percent Passing:</th>
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<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.</th>
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</thead>
<tbody>
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<td>8.7</td>
<td>2.5</td>
<td>2.97</td>
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Unit Weight and Void in Aggregate

Unit Weight: 107.80 (lbs./cu. ft.)

Specific Gravity and Absorption of Fine Aggregate

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<td>Apparent S.G.:</td>
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<td>Bulk (SSD):</td>
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<td>Absorption:</td>
<td>0.60</td>
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Plastic Fines by Sand Equivalence

Plastic Fines: 90.50

Organic Impurities in Sands for Concrete


Amount of Material Finer than # 200 Sieve in Aggregate

_____%
### RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2015

<table>
<thead>
<tr>
<th>Vendor:</th>
<th>RICHMOND SAND and GRAVEL</th>
<th>Lab No:</th>
<th>20150125</th>
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<td>Source:</td>
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<td>Location:</td>
<td>RICHMOND, RI</td>
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### Sieve Analysis of Fine Aggregate
AASHTO T-27

<table>
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<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.:</th>
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<td>1.5</td>
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</table>

### Unit Weight and Void in Aggregate
AASHTO T-19

| Unit Weight: | 103.43 (lbs./cu. ft.) |

### Specific Gravity and Absorption of Fine Aggregate
AASHTO T-84

<table>
<thead>
<tr>
<th>Bulk S.G.:</th>
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</thead>
<tbody>
<tr>
<td>Apparent S.G.:</td>
<td>2.662</td>
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<tr>
<td>Bulk (SSD):</td>
<td>2.644</td>
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<td>Absorption:</td>
<td>0.42</td>
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### 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

| ___ % |

Reviewed By (Print / Sign) Date

ID# TL9-082

REV. 5/1/15
## Sieve Analysis of Fine Aggregate

<table>
<thead>
<tr>
<th>Percent Passing</th>
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<th># 8</th>
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<th># 200</th>
<th>F.M.:</th>
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<td>7.7</td>
<td>3.2</td>
<td>3.35</td>
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</table>

## Unit Weight and Void in Aggregate

- Unit Weight: **110.60** (lbs./cu. ft.)

## Specific Gravity and Absorption of Fine Aggregate

- Bulk S.G.: **2.644**
- Apparent S.G.: **2.699**
- Bulk (SSD): **2.665**
- Absorption: **0.77**

## Plastic Fines by Sand Equivalence

- Plastic Fines: **87.00**

## Organic Impurities in Sands for Concrete

## Amount of Material Finer than # 200 Sieve in Aggregate

- **___ %**
**Sieve Analysis of Fine Aggregate**  
AASHTO T-27

<table>
<thead>
<tr>
<th>Percent Passing:</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
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<th># 100</th>
<th># 200</th>
<th>F.M.:</th>
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<td>32.2</td>
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<td>13.5</td>
<td>8.2</td>
<td>3.18</td>
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</tbody>
</table>

**Unit Weight and Void in Aggregate**  
AASHTO T-19

Unit Weight: 112.44 (lbs./cu. ft.)

**Specific Gravity and Absorption of Fine Aggregate**  
AASHTO T-84

Bulk S.G.: 2.604  
Apparent S.G.: 2.651  
Bulk (SSD): 2.621  
Absorption: 0.68

**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
FINE AGGREGATE ANALYSIS REPORT - 2015

Vendor: SOUTH COUNTY S & G                      Lab No: 20150148
Source: CHARLESTOWN PIT                           Location: CHARLESTOWN, RI

Sieve Analysis of Fine Aggregate

<table>
<thead>
<tr>
<th>Percent Passing</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.</th>
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<td>100.0</td>
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</table>

Unit Weight and Void in Aggregate

Unit Weight: 108.79 (lbs./cu. ft.)

Specific Gravity and Absorption of Fine Aggregate

Bulk S.G.: 2.595  Apparent S.G.: 2.642
Bulk (SSD): 2.613  Absorption: 0.68

Plastic Fines by Sand Equivalence

Plastic Fines:

Organic Impurities in Sands for Concrete

Amount of Material Finer than # 200 Sieve in Aggregate

Reviewed By  (Print / Sign)  Date

ID# TL9-082  REV. 5/1/15
### Sieve Analysis of Fine Aggregate

**AASHTO T-27**

<table>
<thead>
<tr>
<th>Percent Passing</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.</th>
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</thead>
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<td>22.6</td>
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</table>

### Unit Weight and Void in Aggregate

**AASHTO T-19**

- **Unit Weight**: 110.63 (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate

**AASHTO T-84**

- **Bulk S.G.**: 2.617
- **Apparent S.G.**: 2.670
- **Absorption**: 0.77

### 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**
**FINE AGGREGATE ANALYSIS REPORT - 2015**

Vendor: MATERIALS SAND and STONE  
Source: POUND HILL ROAD  
Lab No: 20150171  
Location: N. SMITHFIELD

### Sieve Analysis of Fine Aggregate

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<th># 8</th>
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<th># 100</th>
<th># 200</th>
<th>F.M.:</th>
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<td>48.9</td>
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<td>21.4</td>
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### Unit Weight and Void in Aggregate

Unit Weight: 109.30 (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate

<table>
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<tr>
<th></th>
<th>Bulk S.G.:</th>
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<th>Absorption:</th>
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<tr>
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<td>2.598</td>
<td>2.648</td>
<td>0.73</td>
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### Plastic Fines by Sand Equivalence

Plastic Fines: 

### Organic Impurities in Sands for Concrete

### Amount of Material Finer than # 200 Sieve in Aggregate

%
### Sieve Analysis of Fine Aggregate

**Percent Passing:**

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<th>Fraction</th>
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<td>18.1</td>
<td>5.1</td>
<td>1.3</td>
<td>2.93</td>
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</tbody>
</table>

### Unit Weight and Void in Aggregate

**Unit Weight:** 110.35 (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate

- **Bulk S.G.:** 2.604
- **Apparent S.G.:** 2.657
- **Bulk (SSD):** 2.624
- **Absorption:** 0.77

### Plastic Fines by Sand Equivalence

**Plastic Fines:**

### Organic Impurities in Sands for Concrete

**Organic Impurities in Sands for Concrete**

### Amount of Material Finer than # 200 Sieve in Aggregate

**%**
RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
MATERIALS AND QUALITY ASSURANCE  
FINE AGGREGATE ANALYSIS REPORT - 2015

| Vendor: PYNE SAND AND GRAVEL | Lab No: 20150178 |
| Source: PYNE SAND and GRAVEL | Location: DOUGLAS, MA |

**Sieve Analysis of Fine Aggregate**  
AASHTO T-27

<table>
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<tr>
<th>Percent Passing:</th>
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<th># 4</th>
<th># 8</th>
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<th>F.M.:</th>
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<td>1.1</td>
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**Unit Weight and Void in Aggregate**  
AASHTO T-19

| Unit Weight: | 109.06 (lbs./cu. ft.) |

**Specific Gravity and Absorption of Fine Aggregate**  
AASHTO T-84

|Bulk S.G.:       | 2.612 |
|Apparent S.G.:   | 2.659 |
|Bulk (SSD):      | 2.630 |
|Absorption:      | 0.68  |

**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

| % |

Reviewed By (Print / Sign)  
Date  
ID# TL9-082  
REV. 5/1/15
RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
MATERIALS AND QUALITY ASSURANCE  
FINE AGGREGATE ANALYSIS REPORT - 2015  

Vendor: CHERENZIA  
Lab No: 20150184  
Source: WHITE ROCK ROAD  
Location: WESTERLY, RI  

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<td>22.3</td>
<td>7.7</td>
<td>1.7</td>
<td>2.89</td>
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</table>

Unit Weight and Void in Aggregate  
AASHTO T-19  
Unit Weight: 105.37 (lbs./cu. ft.)  

Specific Gravity and Absorption of Fine Aggregate  
AASHTO T-84  
Bulk S.G.: 2.597  
Apparent S.G.: 2.654  
Bulk (SSD): 2.619  
Absorption: 0.83  

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  

Reviewed By (Print / Sign)  
Date  
ID# TL9-082  
REV. 5/1/15
# Fine Aggregate Analysis Report - 2015

**Vendor:** CARDI CORP  
**Source:** Hopkins Hill Road  
**Location:** Coventry, RI  
**Lab No:** 20150192

## Sieve Analysis of Fine Aggregate

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<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.</th>
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<tbody>
<tr>
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<td>99.5</td>
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<td>28.3</td>
<td>7.8</td>
<td>0.9</td>
<td>2.69</td>
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</table>

### Unit Weight and Void in Aggregate

**Unit Weight:** 104.80 (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate

- **Bulk S.G.:** 2.603  
- **Apparent S.G.:** 2.630  
- **BULK (SSD):** 2.613  
- **Absorption:** 0.40

### Plastic Fines by Sand Equivalence

**Plastic Fines:**

### Organic Impurities in Sands for Concrete

### Amount of Material Finer than # 200 Sieve in Aggregate

**%**

---

**Reviewed By**  
(Print / Sign)  
**Date**

**ID# TL9-082**  
REV. 5/1/15
# Fine Aggregate Analysis Report - 2015

**Vendor:** HARRY COLE CONSTRUCTION  
**Source:** Dry Bridge Road  
**Location:** Exeter, RI  
**Lab No:** 20150193

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### Sieve Analysis of Fine Aggregate  
**AASHTO T-27**

<table>
<thead>
<tr>
<th>Percent Passing</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>98.9</td>
<td>90.9</td>
<td>74.9</td>
<td>49.8</td>
<td>32.0</td>
<td>14.3</td>
<td>4.5</td>
<td>2.39</td>
</tr>
</tbody>
</table>

### Unit Weight and Void in Aggregate  
**AASHTO T-19**

**Unit Weight:** 113.84  
**lbs./cu. ft.**

### Specific Gravity and Absorption of Fine Aggregate  
**AASHTO T-84**

<table>
<thead>
<tr>
<th>S.G.</th>
<th>Apparent S.G.</th>
<th>Absorption</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.612</td>
<td>2.652</td>
<td>0.58</td>
</tr>
</tbody>
</table>

### 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**

**%**

---

**Reviewed By:** (Print / Sign)  
**Date:** REV. 5/1/15

---

ID# TL9-082
RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
MATERIALS AND QUALITY ASSURANCE  
FINE AGGREGATE ANALYSIS REPORT - 2015

Vendor: CAPE COD AGGREGATES  
Lab No: 20150196  
Source: BOURNE, MA  
Location: BOURNE, MA

Sieve Analysis of Fine Aggregate  
AASHTO T-27

<table>
<thead>
<tr>
<th>Size</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>100.0</td>
<td>97.5</td>
<td>85.6</td>
<td>70.2</td>
<td>41.6</td>
<td>15.7</td>
<td>2.2</td>
<td>0.3</td>
<td>2.87</td>
</tr>
</tbody>
</table>

Unit Weight and Void in Aggregate  
AASHTO T-19

Unit Weight: 110.12 (lbs./cu. ft.)

Specific Gravity and Absorption of Fine Aggregate  
AASHTO T-84

Bulk S.G.: 2.609  
Apparent S.G.: 2.642

Bulk (SSD): 2.621  
Absorption: 0.48

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

Reviewed By  
(Date)  
ID# TI.9-082  
REV. 5/1/15
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2015

Vendor: CUMBERLAND QUARRY  Lab No: 20150198
Source: MANVILLE HILL ROAD  Location: CUMBERLAND, RI

Sieve Analysis of Fine Aggregate
AASHTO T-27

<table>
<thead>
<tr>
<th>Percent Passing:</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100.0</td>
<td>98.6</td>
<td>68.7</td>
<td>39.9</td>
<td>22.9</td>
<td>13.2</td>
<td>6.2</td>
<td>2.8</td>
<td>3.50</td>
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</table>

Unit Weight and Void in Aggregate
AASHTO T-19

Unit Weight: 111.62 (lbs./cu. ft.)

Specific Gravity and Absorption of Fine Aggregate
AASHTO T-84

| Bulk S.G.:         | 2.746 |
| Apparent S.G.:     | 2.821 |
| Bulk (SSD):        | 2.773 |
| Absorption:        | 0.97  |

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

%
### Fine Aggregate Analysis Report - 2015

**Vendor:** ARMETTA SAND & STONE  
**Source:** BRADFORD, RI  
**Location:** BRADFORD, RI  
**Lab No:** 20150205

<table>
<thead>
<tr>
<th>Percent Passing</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100.0</td>
<td>99.8</td>
<td>91.7</td>
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<td>1.0</td>
<td>2.73</td>
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#### AASHTO T-27

**Unit Weight and Void in Aggregate**

**Unit Weight:** 102.85 (lbs./cu. ft.)

<table>
<thead>
<tr>
<th>AASHTO T-19</th>
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<tbody>
<tr>
<td>2.614</td>
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<tr>
<td>2.625</td>
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<table>
<thead>
<tr>
<th>AASHTO T-176</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.644</td>
</tr>
<tr>
<td>0.42</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AASHTO T-21</th>
</tr>
</thead>
</table>

**Plastic Fines by Sand Equivalence**

**Plastic Fines:**

<table>
<thead>
<tr>
<th>AASHTO T-37</th>
</tr>
</thead>
</table>

**Organic Impurities in Sands for Concrete**

**Amount of Material Finer than # 200 Sieve in Aggregate**

**%**
RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
MATERIALS AND QUALITY ASSURANCE  
FINE AGGREGATE ANALYSIS REPORT - 2015

Vendor: P.A. LANDERS  
Source: HANOVER PIT  
Lab No: 20150212  
Location: HANOVER, MA.

### Sieve Analysis of Fine Aggregate  
AASHTO T-27

<table>
<thead>
<tr>
<th>Percent Passing</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100.0</td>
<td>98.6</td>
<td>93.1</td>
<td>80.0</td>
<td>47.5</td>
<td>17.2</td>
<td>2.4</td>
<td>0.3</td>
<td>2.61</td>
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</table>

### Unit Weight and Void in Aggregate  
AASHTO T-19

Unit Weight: **108.12** (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate  
AASHTO T-84

Bulk S.G.: **2.612**  
Apparent S.G.: **2.641**

Bulk (SSD): **2.623**  
Absorption: **0.42**

### 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

%
### Sieve Analysis of Fine Aggregate

<table>
<thead>
<tr>
<th>Percent Passing</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100.0</td>
<td>95.7</td>
<td>79.3</td>
<td>66.5</td>
<td>54.0</td>
<td>34.8</td>
<td>10.5</td>
<td>1.7</td>
<td>2.59</td>
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</table>

### Unit Weight and Void in Aggregate

- **Unit Weight:** 110.23 (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate

<table>
<thead>
<tr>
<th>Bulk S.G.:</th>
<th>2.643</th>
<th>Apparent S.G.:</th>
<th>2.683</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk (SSD):</td>
<td>2.658</td>
<td>Absorption:</td>
<td>0.56</td>
</tr>
</tbody>
</table>

### Plastic Fines by Sand Equivalence

- **Plastic Fines:**

### Organic Impurities in Sands for Concrete

### Amount of Material Finer than # 200 Sieve in Aggregate

- **%**
### Sieve Analysis of Fine Aggregate

<table>
<thead>
<tr>
<th>Percent Passing</th>
<th>3/8&quot;</th>
<th># 4</th>
<th># 8</th>
<th># 16</th>
<th># 30</th>
<th># 50</th>
<th># 100</th>
<th># 200</th>
<th>F.M.:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100.0</td>
<td>97.5</td>
<td>89.3</td>
<td>73.0</td>
<td>37.9</td>
<td>17.1</td>
<td>8.2</td>
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<td>2.77</td>
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### Unit Weight and Void in Aggregate

**Unit Weight:** 109.49 (lbs./cu. ft.)

### Specific Gravity and Absorption of Fine Aggregate

<table>
<thead>
<tr>
<th>Method</th>
<th>Bulk S.G.</th>
<th>Apparent S.G.</th>
<th>Absorption</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASHTO T-84</td>
<td>2.636</td>
<td>2.686</td>
<td>0.70</td>
</tr>
</tbody>
</table>

### Plastic Fines by Sand Equivalence

**Plastic Fines:**

### Organic Impurities in Sands for Concrete

### Amount of Material Finer than # 200 Sieve in Aggregate

%