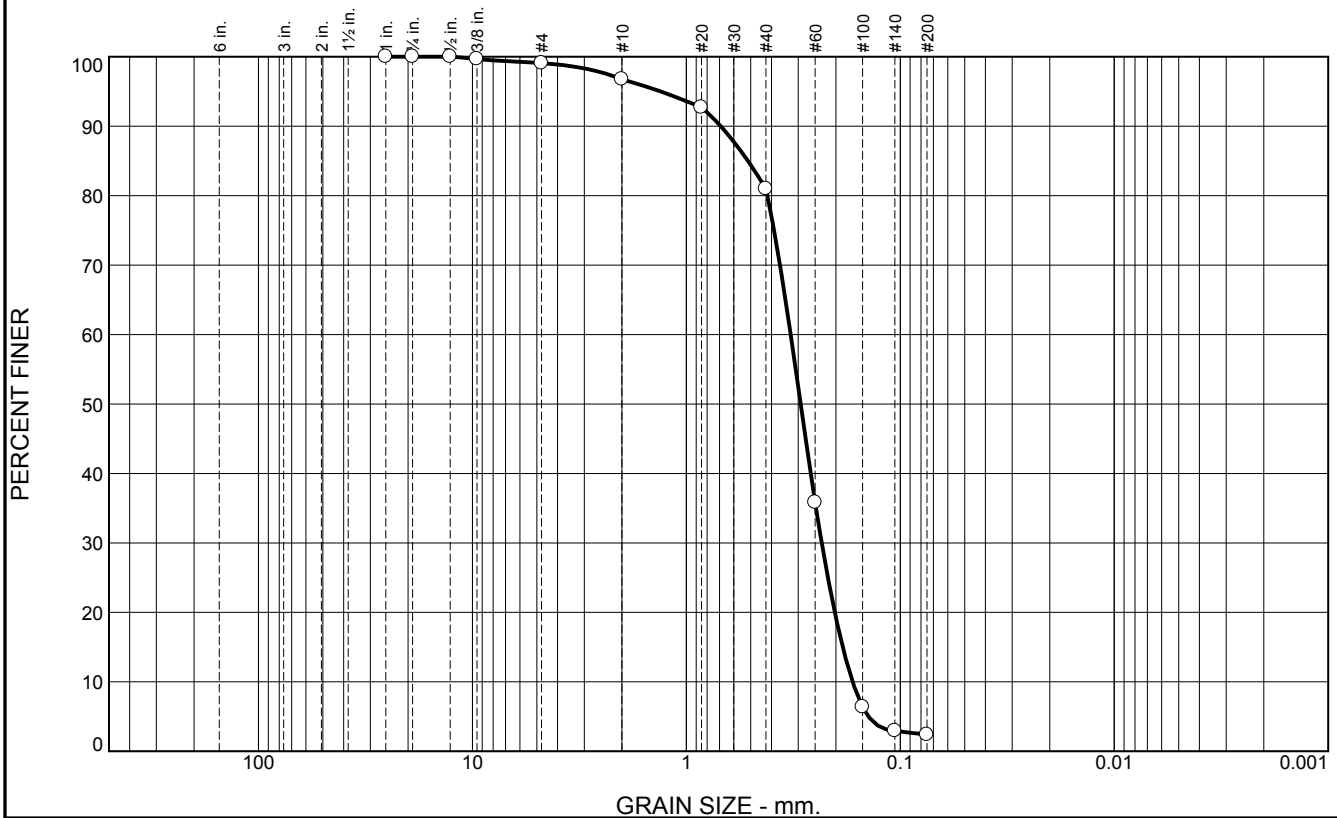


# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.9  | 2.4    | 15.7   | 78.6 | 2.4     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1          | 100.0         |                |              |
| .75        | 100.0         |                |              |
| .5         | 100.0         |                |              |
| .375       | 99.7          |                |              |
| #4         | 99.1          |                |              |
| #10        | 96.7          |                |              |
| #20        | 92.7          |                |              |
| #40        | 81.0          |                |              |
| #60        | 35.8          |                |              |
| #100       | 6.4           |                |              |
| #140       | 2.9           |                |              |
| #200       | 2.4           |                |              |

\* (no specification provided)

| Material Description   |  |  |
|--|--|--|
| Fine to medium grained, SAND   |  |  |
| <div> <div> Atterberg Limits </div> <div> PL= </div> <div> LL= </div> <div> PI= </div> </div>  |  |  |
| <div> <div> Coefficients </div> <div> D<sub>90</sub>= 0.6916 </div> <div> D<sub>50</sub>= 0.2923 </div> <div> D<sub>10</sub>= 0.1672 </div> <div> D<sub>85</sub>= 0.5156 </div> <div> D<sub>30</sub>= 0.2329 </div> <div> C<sub>u</sub>= 1.95 </div> <div> D<sub>60</sub>= 0.3255 </div> <div> D<sub>15</sub>= 0.1859 </div> <div> C<sub>c</sub>= 1.00 </div> </div> |  |  |
| <div> <div> Classification </div> <div> USCS= SP </div> <div> AASHTO= </div> </div>  |  |  |
| <div> <div> Remarks </div> </div>  |  |  |

Location: BI-PBS-16-12 A  
Sample Number: 6469 (30)

Depth: 0.0'

Date: 11/28/12

**Thompson Engineering**

**Mobile, Alabama**

Client: CDM/Thompson Engineering JV  
Project: MsCIP Barrier Island Restoration GT

Project No: 1221110095

Figure