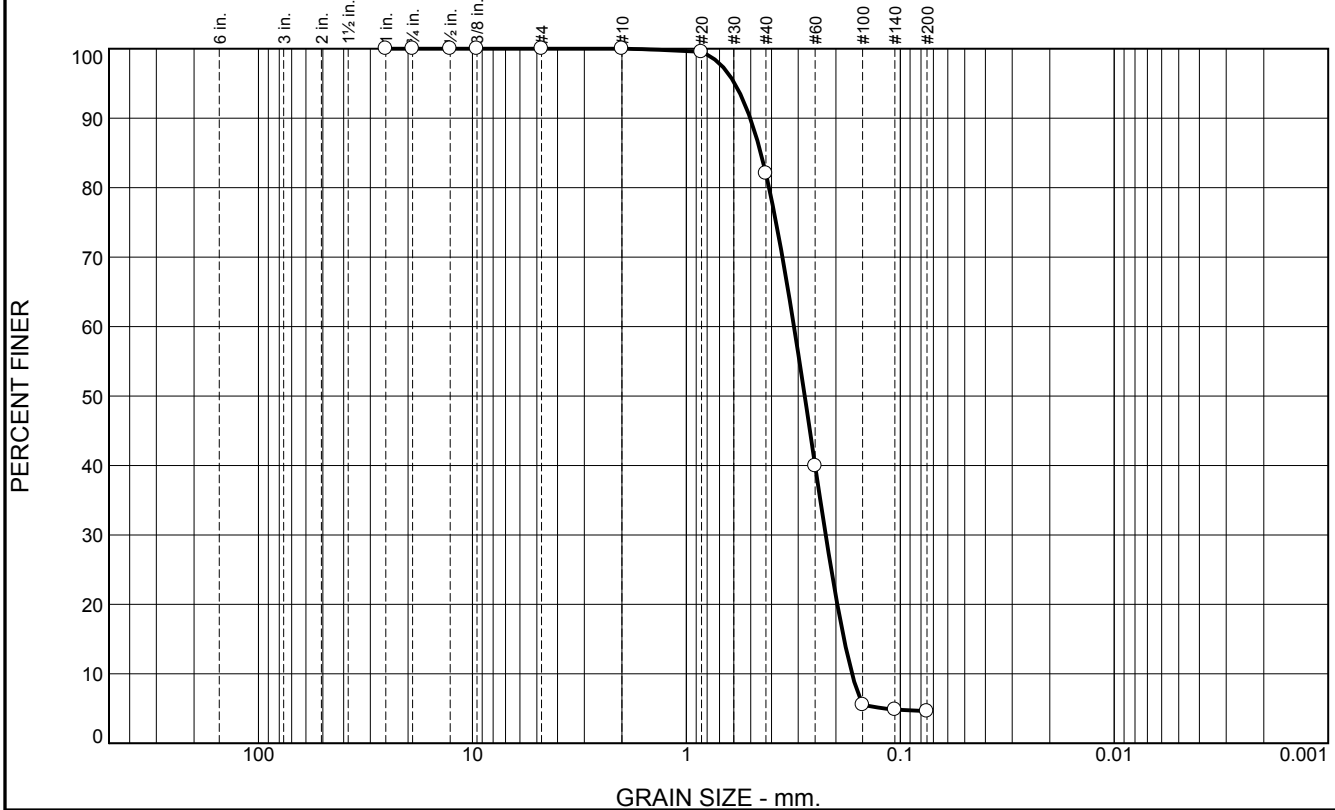


# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 18.0   | 77.4 | 4.6     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1          | 100.0         |                |              |
| .75        | 100.0         |                |              |
| .5         | 100.0         |                |              |
| .375       | 100.0         |                |              |
| #4         | 100.0         |                |              |
| #10        | 100.0         |                |              |
| #20        | 99.5          |                |              |
| #40        | 82.0          |                |              |
| #60        | 39.9          |                |              |
| #100       | 5.5           |                |              |
| #140       | 4.9           |                |              |
| #200       | 4.6           |                |              |

\* (no specification provided)

| Material Description   |  |  |
|--|--|--|
| Fine to medium grained, SAND   |  |  |
| <div> <div> Atterberg Limits </div> <div> PL= LL= PI= </div> </div>  |  |  |
| <div> <div> Coefficients </div> <div> D<sub>90</sub>= 0.5029 D<sub>85</sub>= 0.4489 D<sub>60</sub>= 0.3141 D<sub>50</sub>= 0.2799 D<sub>30</sub>= 0.2232 D<sub>15</sub>= 0.1834 D<sub>10</sub>= 0.1682 C<sub>u</sub>= 1.87 C<sub>c</sub>= 0.94 </div> </div> |  |  |
| <div> <div> Classification </div> <div> USCS= SP AASHTO= </div> </div>   |  |  |
| <div> <div> Remarks </div> </div>  |  |  |

Location: BI-PBS-84-12 B  
Sample Number: 6494 (55)

Depth: 4.1'

Date: 12/26/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure