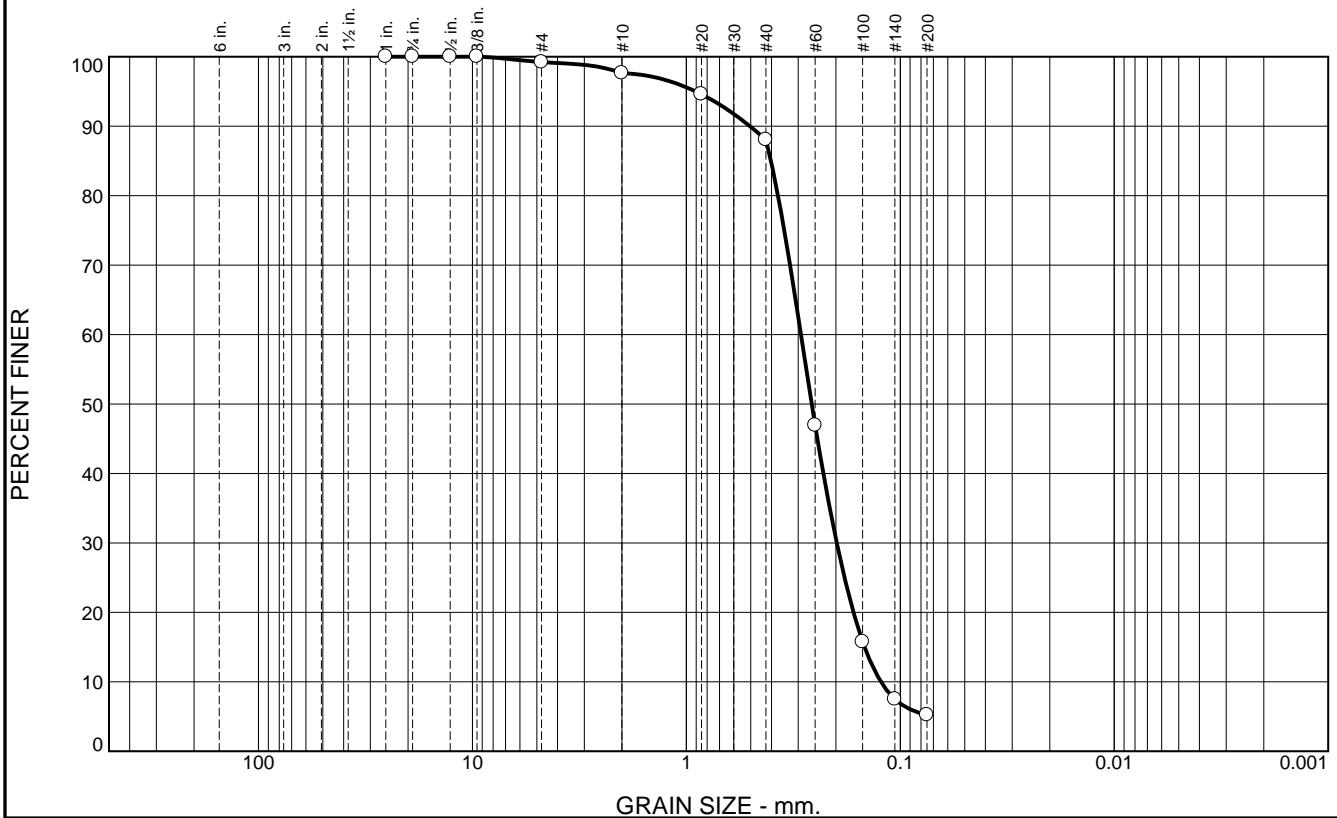


# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.8  | 1.6    | 9.6    | 82.8 | 5.2     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1          | 100.0         |                |              |
| .75        | 100.0         |                |              |
| .5         | 100.0         |                |              |
| .375       | 100.0         |                |              |
| #4         | 99.2          |                |              |
| #10        | 97.6          |                |              |
| #20        | 94.6          |                |              |
| #40        | 88.0          |                |              |
| #60        | 46.9          |                |              |
| #100       | 15.8          |                |              |
| #140       | 7.5           |                |              |
| #200       | 5.2           |                |              |

\* (no specification provided)

## Material Description

Fine grained, SLIGHTLY SILTY SAND

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5050 D<sub>85</sub>= 0.4022 D<sub>60</sub>= 0.2914  
D<sub>50</sub>= 0.2594 D<sub>30</sub>= 0.1982 D<sub>15</sub>= 0.1470  
D<sub>10</sub>= 0.1232 C<sub>u</sub>= 2.37 C<sub>c</sub>= 1.09

## Classification

USCS= SP-SM AASHTO=

## Remarks

Location: BI-PBS-27-12 B  
Sample Number: 6469 (15)

Depth: 6.0'

Date: 11/28/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure