

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.7    | 18.6   | 79.2 | 1.5     |      |

| 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        | 99.3          |                |              |
| #20        | 97.1          |                |              |
| #40        | 80.7          |                |              |
| #60        | 28.7          |                |              |
| #100       | 3.3           |                |              |
| #140       | 1.8           |                |              |
| #200       | 1.5           |                |              |

\* (no specification provided)

## Material Description

Fine to medium grained, SAND

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.4998 D<sub>85</sub>= 0.4531 D<sub>60</sub>= 0.3397  
D<sub>50</sub>= 0.3092 D<sub>30</sub>= 0.2537 D<sub>15</sub>= 0.2070  
D<sub>10</sub>= 0.1877 C<sub>u</sub>= 1.81 C<sub>c</sub>= 1.01

## Classification

USCS= SP AASHTO=

## Remarks

Location: BI-PB-186-12 A  
Sample Number: 6482 (11)

Depth: 0.0'

Date: 12/12/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

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