

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.4  | 0.6    | 10.8   | 85.8 | 2.4     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1          | 100.0         |                |              |
| .75        | 100.0         |                |              |
| .5         | 100.0         |                |              |
| .375       | 100.0         |                |              |
| #4         | 99.6          |                |              |
| #10        | 99.0          |                |              |
| #20        | 97.7          |                |              |
| #40        | 88.2          |                |              |
| #60        | 43.1          |                |              |
| #100       | 4.9           |                |              |
| #140       | 2.8           |                |              |
| #200       | 2.4           |                |              |

\* (no specification provided)

| <u>Material Description</u>  |                                |                          |
|------------------------------|--------------------------------|--------------------------|
| Fine to medium grained, SAND |                                |                          |
|                              |                                |                          |
|                              |                                |                          |
| PL=                          | <u>Atterberg Limits</u><br>LL= | PI=                      |
|                              |                                |                          |
| <u>Coefficients</u>          |                                |                          |
| D <sub>90</sub> = 0.4687     | D <sub>85</sub> = 0.4026       | D <sub>60</sub> = 0.2972 |
| D <sub>50</sub> = 0.2682     | D <sub>30</sub> = 0.2180       | D <sub>15</sub> = 0.1817 |
| D <sub>10</sub> = 0.1680     | C <sub>u</sub> = 1.77          | C <sub>c</sub> = 0.95    |
|                              |                                |                          |
| <u>Classification</u>        |                                |                          |
| USCS= SP                     | AASHTO=                        |                          |
| <u>Remarks</u>               |                                |                          |

Location: BI-PBS-41-12 A  
Sample Number: 6482 (49)

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

Figure