

Particle Size Distribution Report



| % +3" | % Gravel | | % Sand | | | % Fines | |
|-------|----------|------|--------|--------|------|---------|------|
| | Coarse | Fine | Coarse | Medium | Fine | Silt | Clay |
| 0.0 | 0.0 | 0.2 | 0.8 | 10.7 | 85.7 | 2.6 | |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1 | 100.0 | | |
| .75 | 100.0 | | |
| .5 | 100.0 | | |
| .375 | 100.0 | | |
| #4 | 99.8 | | |
| #10 | 99.0 | | |
| #20 | 97.1 | | |
| #40 | 88.3 | | |
| #60 | 57.4 | | |
| #100 | 11.8 | | |
| #140 | 4.3 | | |
| #200 | 2.6 | | |

* (no specification provided)

| | | |
|------------------------------------|--------------------------|--------------------------|
| <u>Material Description</u> | | |
| Fine to medium grained, SAND | | |
| <u>Atterberg Limits</u> | | |
| PL= | LL= | PI= |
| <u>Coefficients</u> | | |
| D ₉₀ = 0.4498 | D ₈₅ = 0.3872 | D ₆₀ = 0.2575 |
| D ₅₀ = 0.2311 | D ₃₀ = 0.1890 | D ₁₅ = 0.1580 |
| D ₁₀ = 0.1444 | C _u = 1.78 | C _c = 0.96 |
| <u>Classification</u> | | |
| USCS= SP | AASHTO= | |
| <u>Remarks</u> | | |

Location: BI-PBS-88-12 A
Sample Number: 6494 (61)

Depth: 0.0'

Date: 12/26/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure