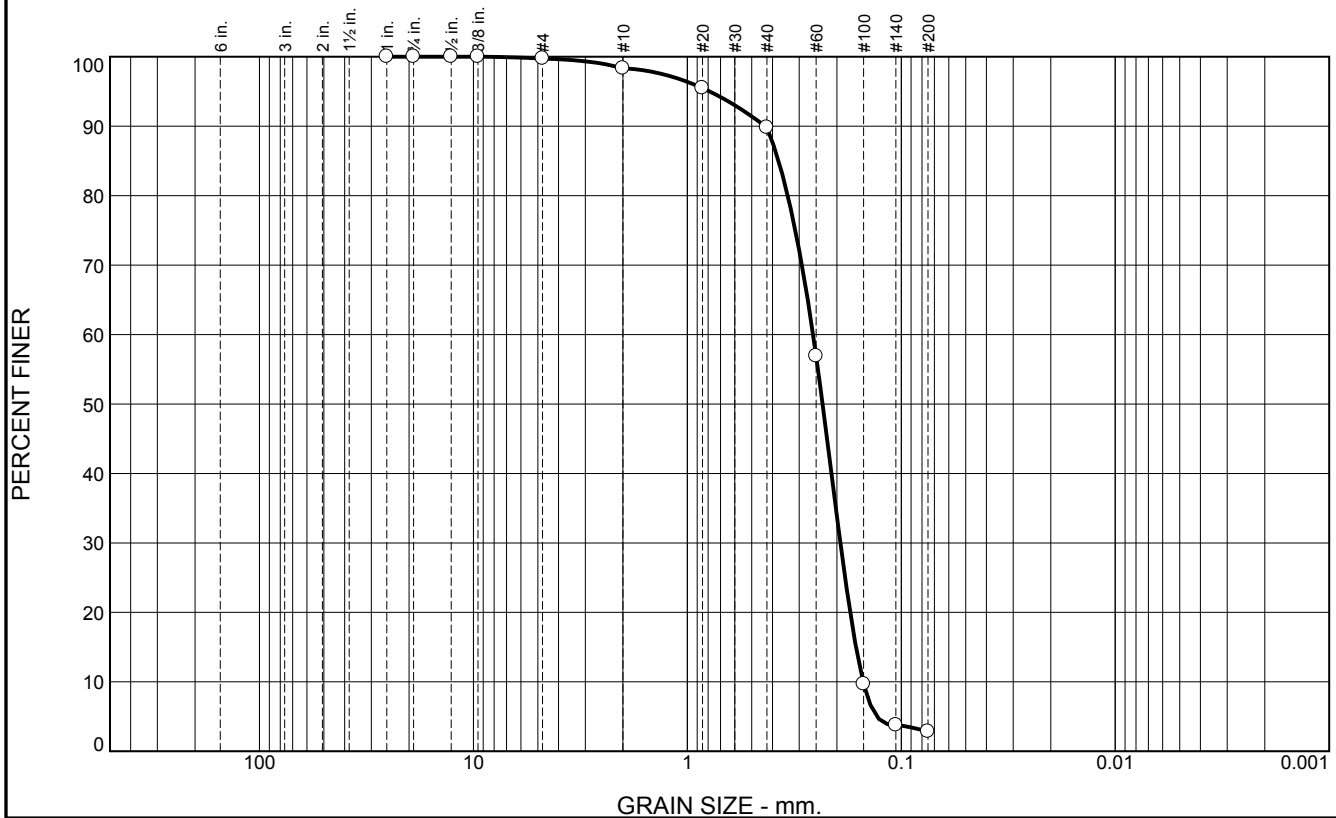


Particle Size Distribution Report



| % +3" | % Gravel | | % Sand | | | % Fines | |
|-------|----------|------|--------|--------|------|---------|------|
| | Coarse | Fine | Coarse | Medium | Fine | Silt | Clay |
| 0.0 | 0.0 | 0.3 | 1.4 | 8.5 | 87.0 | 2.8 | |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1 | 100.0 | | |
| .75 | 100.0 | | |
| .5 | 100.0 | | |
| .375 | 100.0 | | |
| #4 | 99.7 | | |
| #10 | 98.3 | | |
| #20 | 95.5 | | |
| #40 | 89.8 | | |
| #60 | 56.9 | | |
| #100 | 9.7 | | |
| #140 | 3.8 | | |
| #200 | 2.8 | | |

* (no specification provided)

| <u>Material Description</u> | | |
|-----------------------------|--------------------------|--------------------------|
| Fine grained, SAND | | |
| <u>Atterberg Limits</u> | | |
| PL= | LL= | PI= |
| <u>Coefficients</u> | | |
| D ₉₀ = 0.4338 | D ₈₅ = 0.3746 | D ₆₀ = 0.2585 |
| D ₅₀ = 0.2333 | D ₃₀ = 0.1927 | D ₁₅ = 0.1631 |
| D ₁₀ = 0.1509 | C _u = 1.71 | C _c = 0.95 |
| <u>Classification</u> | | |
| USCS= SP | AASHTO= | |
| <u>Remarks</u> | | |

Location: BI-PBS-12-12 B
Sample Number: 6469 (34)

Depth: 5.0'

Date: 11/28/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure