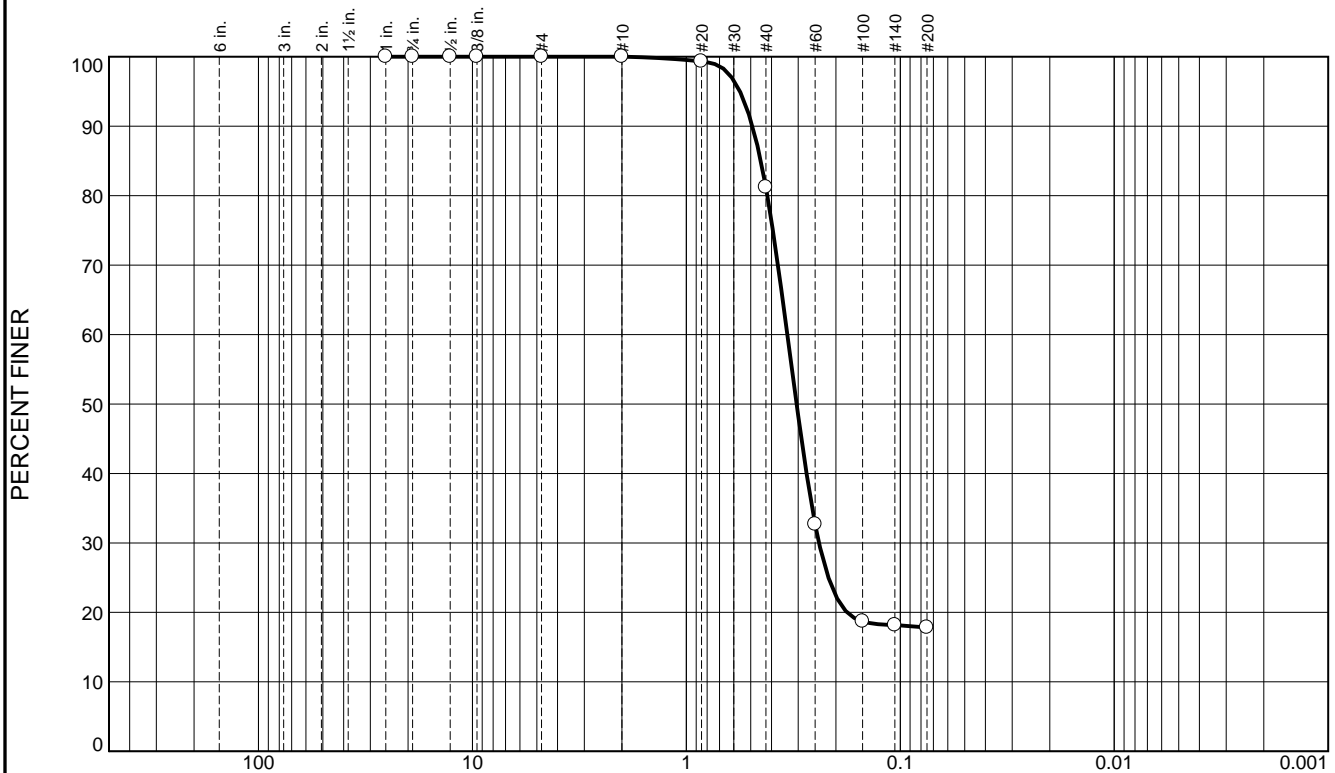


Particle Size Distribution Report



| % +3" | % Gravel | | % Sand | | | % Fines | |
|-------|----------|------|--------|--------|------|---------|------|
| | Coarse | Fine | Coarse | Medium | Fine | Silt | Clay |
| 0.0 | 0.0 | 0.0 | 0.0 | 18.8 | 63.4 | 17.8 | |

| 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 | 100.0 | | |
| #20 | 99.3 | | |
| #40 | 81.2 | | |
| #60 | 32.7 | | |
| #100 | 18.7 | | |
| #140 | 18.2 | | |
| #200 | 17.8 | | |

* (no specification provided)

| | | |
|------------------------------------|--------------------------|--------------------------|
| <u>Material Description</u> | | |
| Fine to medium grained, SILTY SAND | | |
| <u>Atterberg Limits</u> | | |
| PL= | LL= | PI= |
| <u>Coefficients</u> | | |
| D ₉₀ = 0.4912 | D ₈₅ = 0.4489 | D ₆₀ = 0.3373 |
| D ₅₀ = 0.3054 | D ₃₀ = 0.2398 | D ₁₅ = |
| D ₁₀ = | C _u = | C _c = |
| <u>Classification</u> | | |
| USCS= SM | AASHTO= | |
| <u>Remarks</u> | | |

Location: BI-PB-173-12 B
Sample Number: 6471 (42)

Depth: 1.9'

Date: 12/03/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure