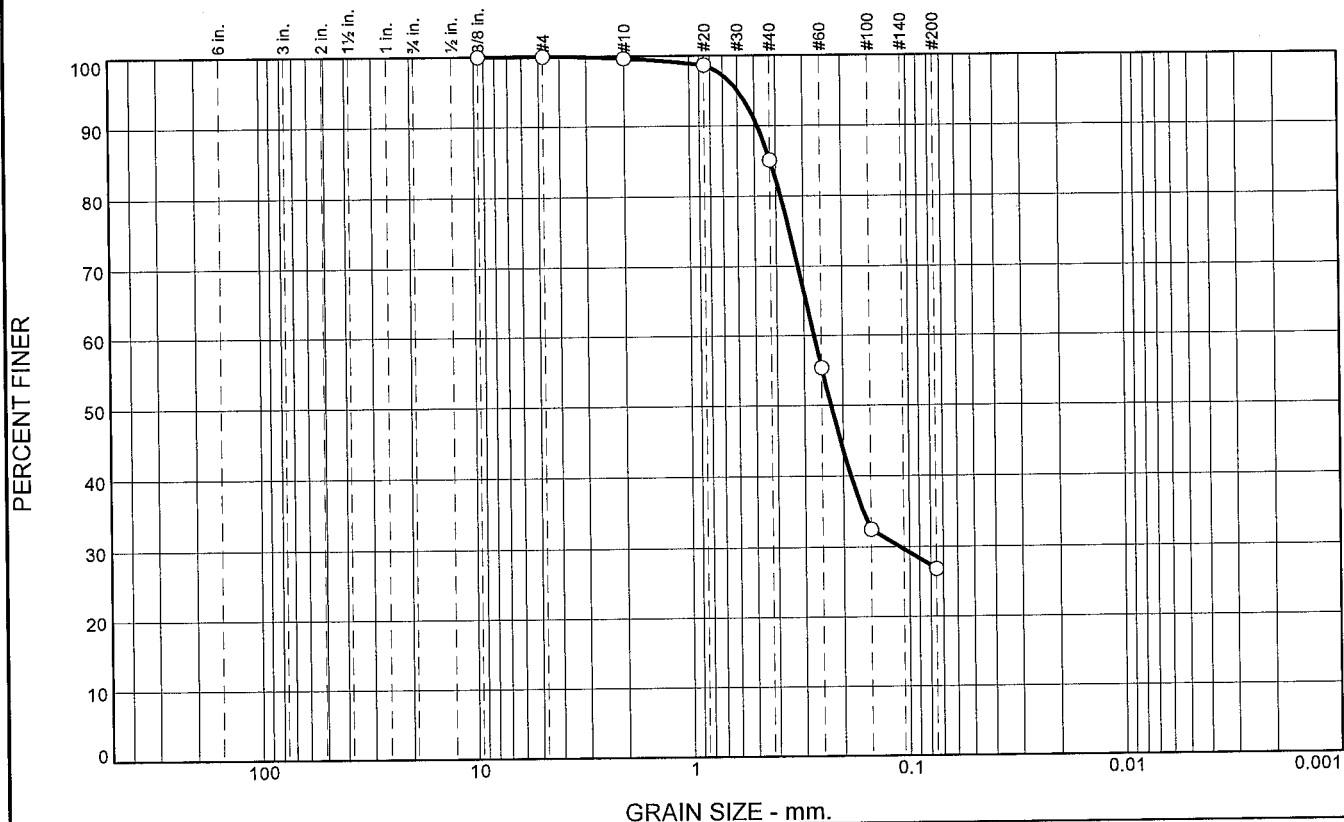


Particle Size Distribution Report



| % +3" | % Gravel | | % Sand | | | % Fines | |
|-------|----------|------|--------|--------|------|---------|------|
| | Coarse | Fine | Coarse | Medium | Fine | Silt | Clay |
| 0.0 | 0.0 | 0.0 | 0.4 | 14.5 | 58.2 | 26.9 | |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| .375 | 100.0 | | |
| #4 | 100.0 | | |
| #10 | 99.6 | | |
| #20 | 98.7 | | |
| #40 | 85.1 | | |
| #60 | 55.4 | | |
| #100 | 32.5 | | |
| #200 | 26.9 | | |

* (no specification provided)

Material Description
SILTY SAND, (SM), medium to fine grained, with clay pockets

Atterberg Limits
PL= LL= PI=

Coefficients
D₉₀= 0.4855 D₈₅= 0.4242 D₆₀= 0.2703
D₅₀= 0.2271 D₃₀= 0.1105 D₁₅=
D₁₀= C_u= C_c=

Classification
USCS= SM AASHTO=

Remarks
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-114-10A
Sample Number: TE Lab ID: 4612.53

Depth: 0.0 - 5.0 (ft.)

Date: 8/7/10

Thompson Engineering

Mobile, Alabama

Client: US Army Corps of Engineers

Project: Contract No. W91278-10-D-0026 - Task 03
Mississippi Barrier Island Restoration Project

Project No: 10-2123-0009

Report No.

Tested By: J.Maddox

Checked By: R.Byrd