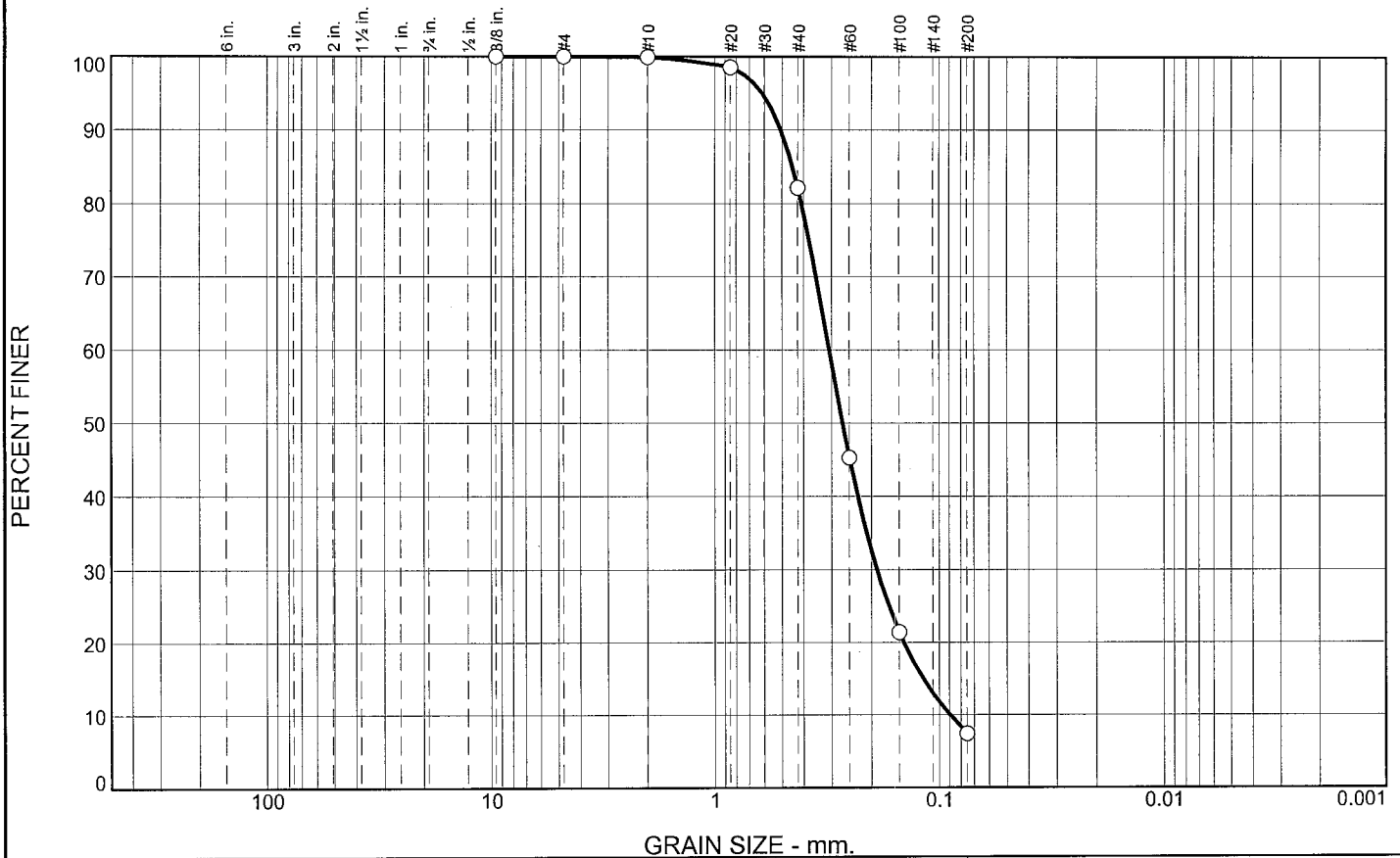


Particle Size Distribution Report



| % +3" | % Gravel | | % Sand | | | % Fines | |
|-------|----------|------|--------|--------|------|---------|------|
| | Coarse | Fine | Coarse | Medium | Fine | Silt | Clay |
| 0.0 | 0.0 | 0.0 | 0.1 | 17.8 | 74.7 | 7.4 | |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| .375 | 100.0 | | |
| #4 | 100.0 | | |
| #10 | 99.9 | | |
| #20 | 98.5 | | |
| #40 | 82.1 | | |
| #60 | 45.3 | | |
| #100 | 21.4 | | |
| #200 | 7.4 | | |

* (no specification provided)

Material Description

SAND, (SP-SM), medium to fine grained, with trace clay pockets

Atterberg Limits

PL= LL= PI=

Coefficients

D₉₀= 0.5076 D₈₅= 0.4494 D₆₀= 0.3072
D₅₀= 0.2679 D₃₀= 0.1888 D₁₅= 0.1174
D₁₀= 0.0892 C_u= 3.44 C_c= 1.30

Classification

USCS= SP-SM AASHTO=

Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-98-10B
Sample Number: TE Lab ID: 4622.02

Depth: 5.0 - 10.0 (ft.)

Date: 8/15/10

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: R.Martin

Checked By: R.Byrd