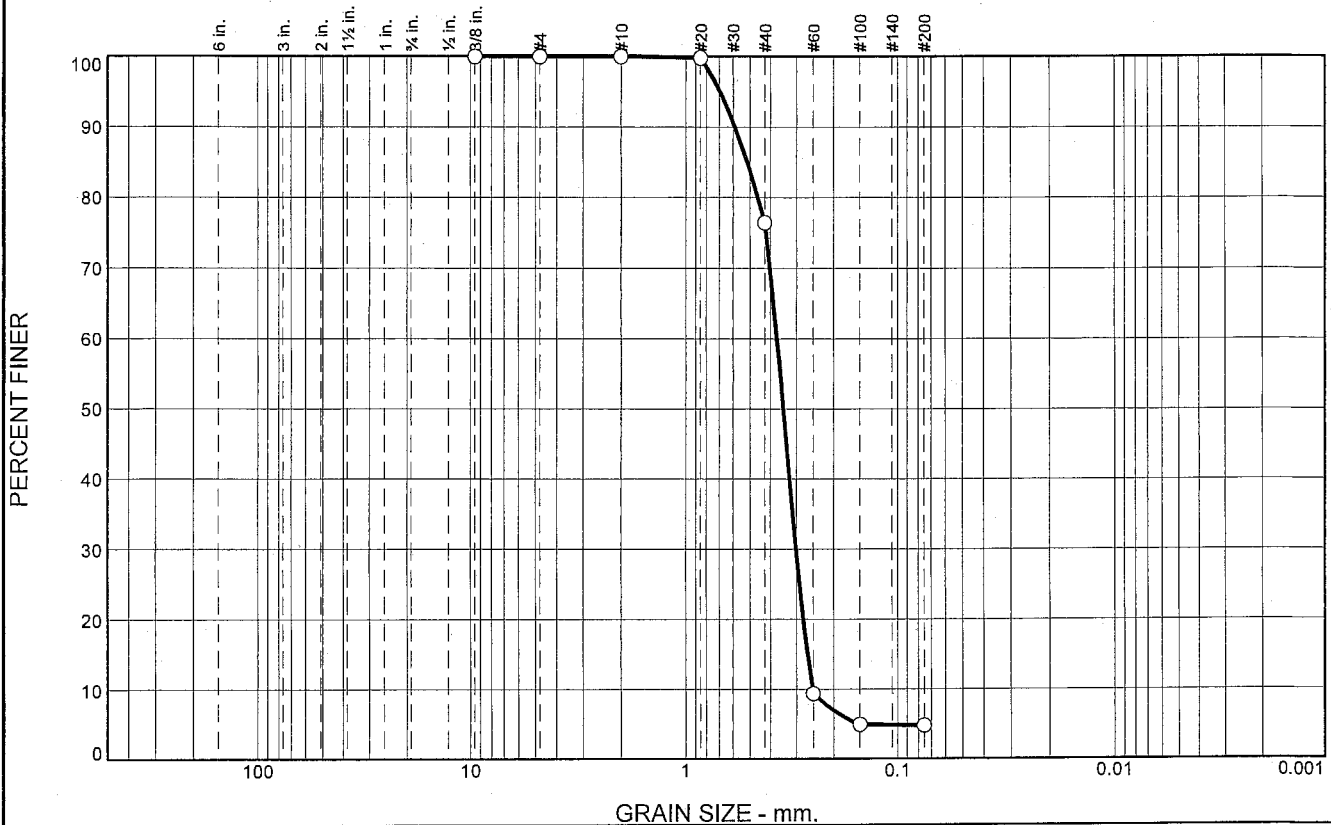


# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 23.6   | 71.6 | 4.8     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| .375       | 100.0         |                |              |
| #4         | 100.0         |                |              |
| #10        | 100.0         |                |              |
| #20        | 99.8          |                |              |
| #40        | 76.4          |                |              |
| #60        | 9.4           |                |              |
| #100       | 4.9           |                |              |
| #200       | 4.8           |                |              |

\* (no specification provided)

## Material Description

SAND, (SP), medium to fine grained

PL=      Atterberg Limits      LL=      PI=

Coefficients  
D<sub>90</sub>= 0.5885      D<sub>85</sub>= 0.5151      D<sub>60</sub>= 0.3726  
D<sub>50</sub>= 0.3472      D<sub>30</sub>= 0.3015      D<sub>15</sub>= 0.2661  
D<sub>10</sub>= 0.2520      C<sub>u</sub>= 1.48      C<sub>c</sub>= 0.97

USCS= SP      Classification      AASHTO=

Remarks  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-24-10D  
Sample Number: TE Lab ID: 4578.31

Depth: 13.6 - 18.2 (ft.)

Date: 7/16/10

**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

Figure

Tested By: G.Fancher

Checked By: R.Byrd