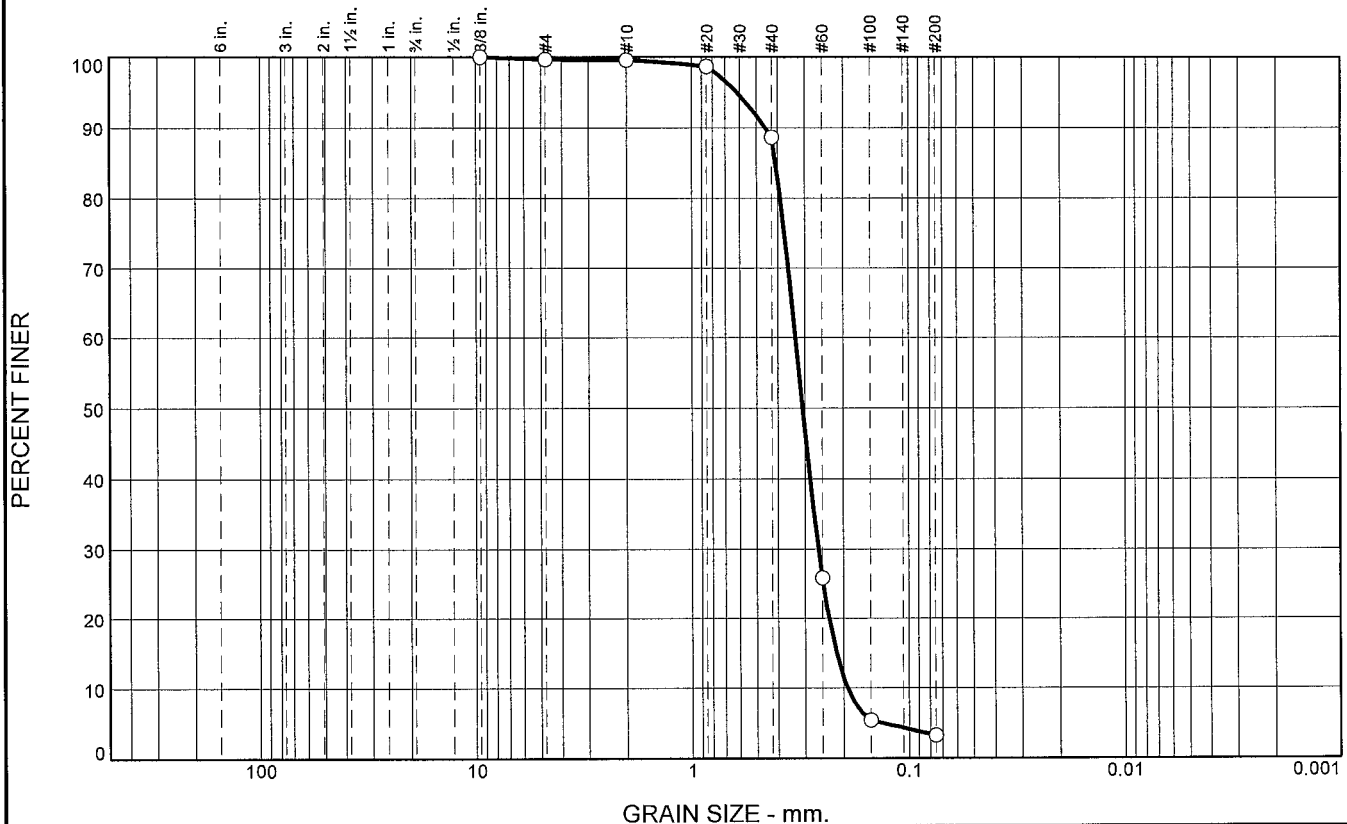


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.4	0.1	10.9	85.3	3.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.6		
#10	99.5		
#20	98.6		
#40	88.6		
#60	25.9		
#100	5.4		
#200	3.3		

\* (no specification provided)

**Material Description**  
SAND, (SP), medium to fine grained

**Atterberg Limits**  
PL=      LL=      PI=

**Coefficients**  
D<sub>90</sub>= 0.4555      D<sub>85</sub>= 0.4086      D<sub>60</sub>= 0.3314  
D<sub>50</sub>= 0.3073      D<sub>30</sub>= 0.2605      D<sub>15</sub>= 0.2157  
D<sub>10</sub>= 0.1923      C<sub>u</sub>= 1.72      C<sub>c</sub>= 1.06

**Classification**  
USCS= SP      AASHTO=

**Remarks**  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-38-10D  
Sample Number: TE Lab ID: 4612.07

Depth: 15.0 - 18.5 (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: G.Fancher

Checked By: R.Byrd