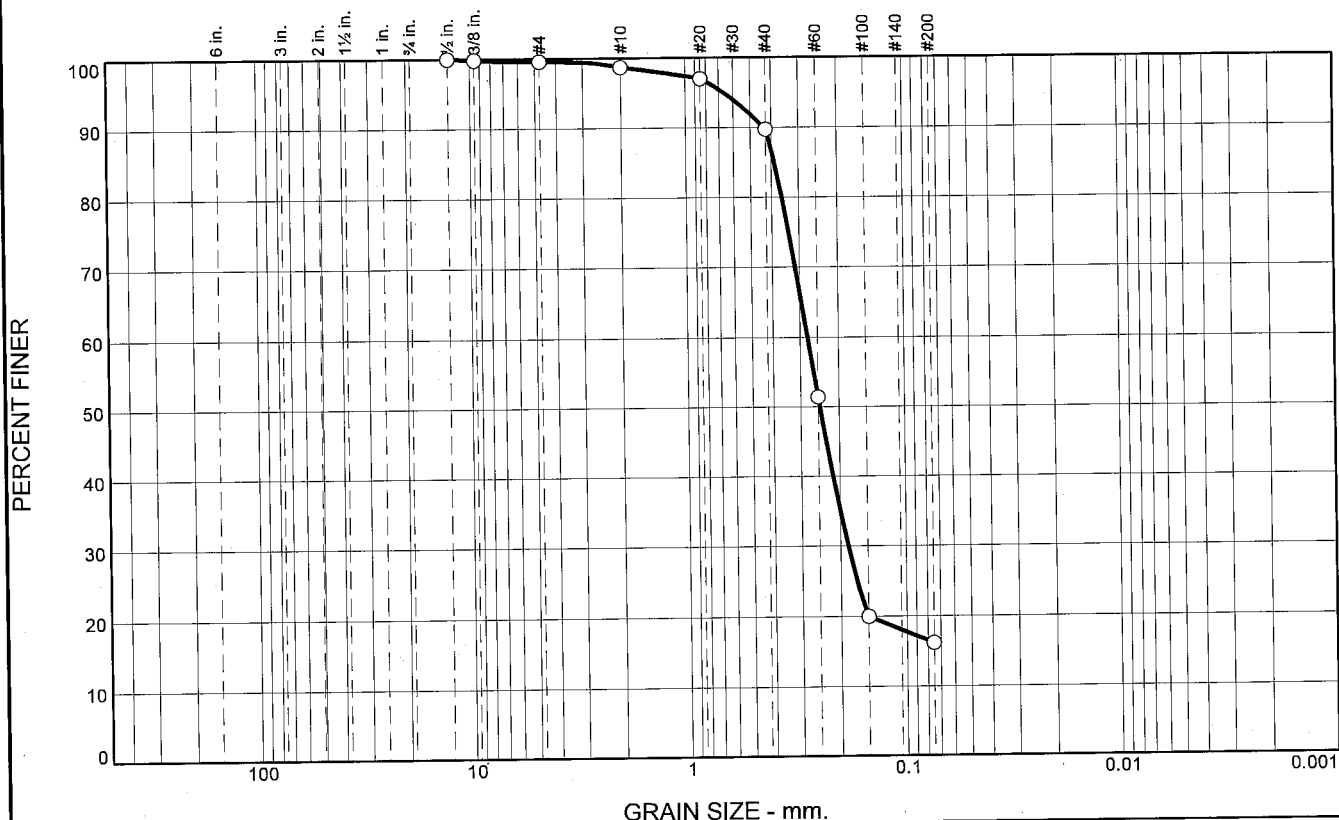


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.4	0.9	9.0	73.5	16.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.500	100.0		
.375	99.8		
#4	99.6		
#10	98.7		
#20	97.0		
#40	89.7		
#60	51.4		
#100	20.0		
#200	16.2		

\* (no specification provided)

**Material Description**  
SILTY SAND, (SM), fine grained, with some clay pockets

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

**Coefficients**  
 D<sub>90</sub>= 0.4333      D<sub>85</sub>= 0.3889      D<sub>60</sub>= 0.2779  
 D<sub>50</sub>= 0.2455      D<sub>30</sub>= 0.1847      D<sub>15</sub>=  
 D<sub>10</sub>=      C<sub>u</sub>=      C<sub>c</sub>=

**Classification**  
 USCS= SM      AASHTO=

**Remarks**  
 CADD CODE = CH10D965

Location: USACE Sample # BI-PB-4-10A  
 Sample Number: TE Lab ID: 4569.07

Depth: 8.0 - 12.0 (ft.)

Date: 7/8/10

**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: R.Martin

Checked By: R.Byrd