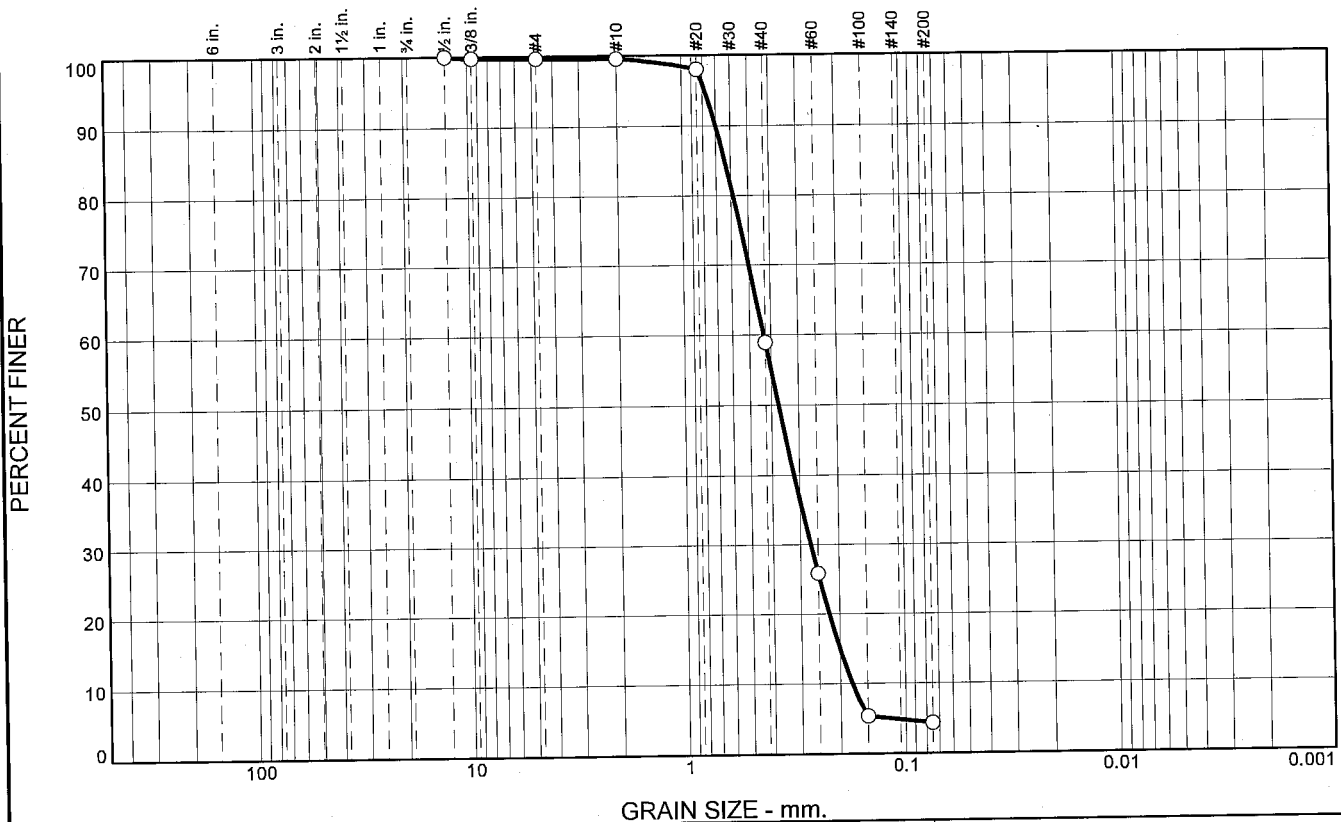


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.4	0.0	40.7	54.6	4.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.500	100.0		
.375	99.7		
#4	99.6		
#10	99.6		
#20	98.0		
#40	58.9		
#60	25.9		
#100	5.3		
#200	4.3		

\* (no specification provided)

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

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

**Coefficients**  
D<sub>90</sub>= 0.6990 D<sub>85</sub>= 0.6366 D<sub>60</sub>= 0.4319  
D<sub>50</sub>= 0.3718 D<sub>30</sub>= 0.2692 D<sub>15</sub>= 0.2006  
D<sub>10</sub>= 0.1767 C<sub>u</sub>= 2.44 C<sub>c</sub>= 0.95

USCS= SP **Classification** AASHTO=

**Remarks**  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-8-10C  
Sample Number: TE Lab ID: 4569.18

Depth: 12.0 - 16.9 (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