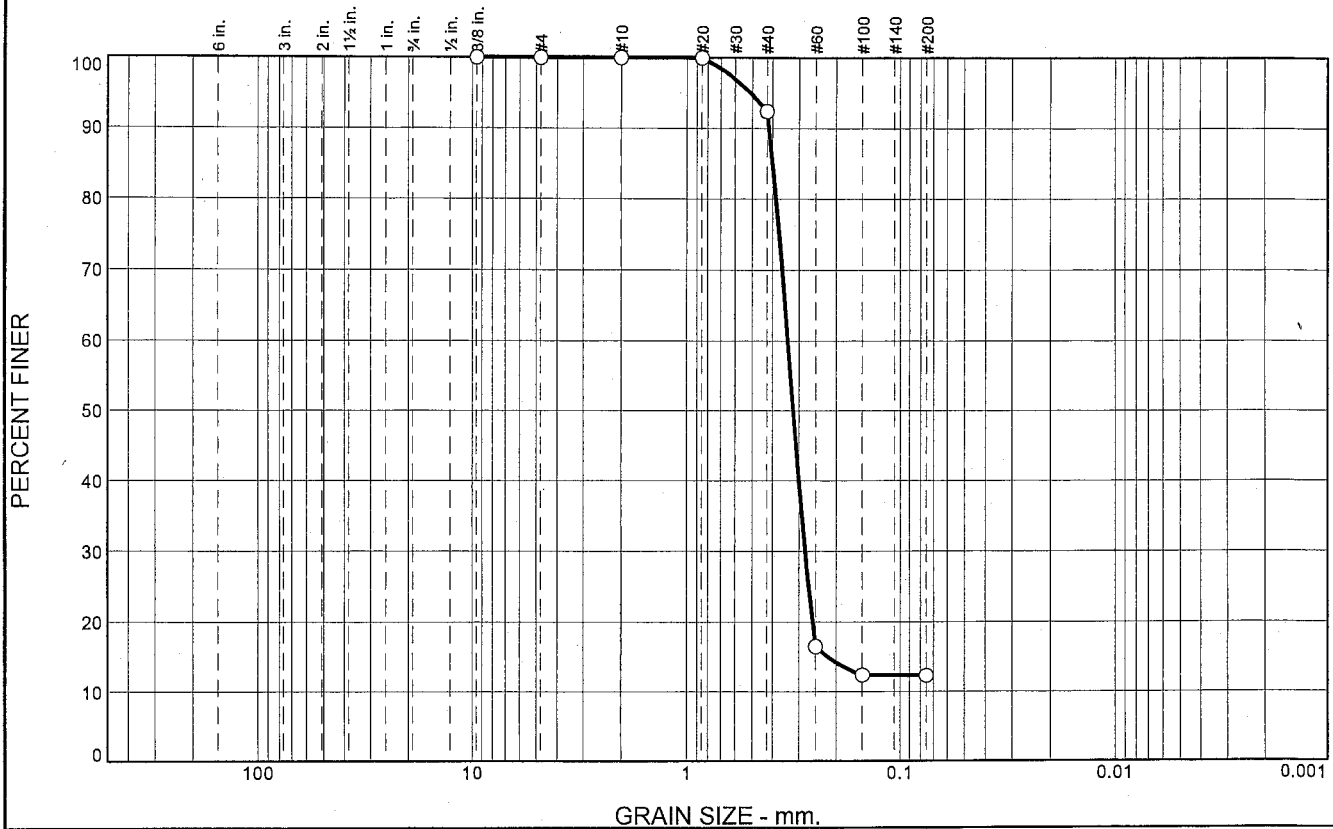


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	7.6	80.1	12.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	92.4		
#60	16.5		
#100	12.3		
#200	12.3		

\* (no specification provided)

**Material Description**  
SILTY SAND, (SM), fine grained

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

**Coefficients**  
 D<sub>90</sub>= 0.4161      D<sub>85</sub>= 0.3998      D<sub>60</sub>= 0.3395  
 D<sub>50</sub>= 0.3195      D<sub>30</sub>= 0.2806      D<sub>15</sub>= 0.2171  
 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-25-10D  
 Sample Number: TE Lab ID: 4578.35

Depth: 8.3 - 12.3 (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