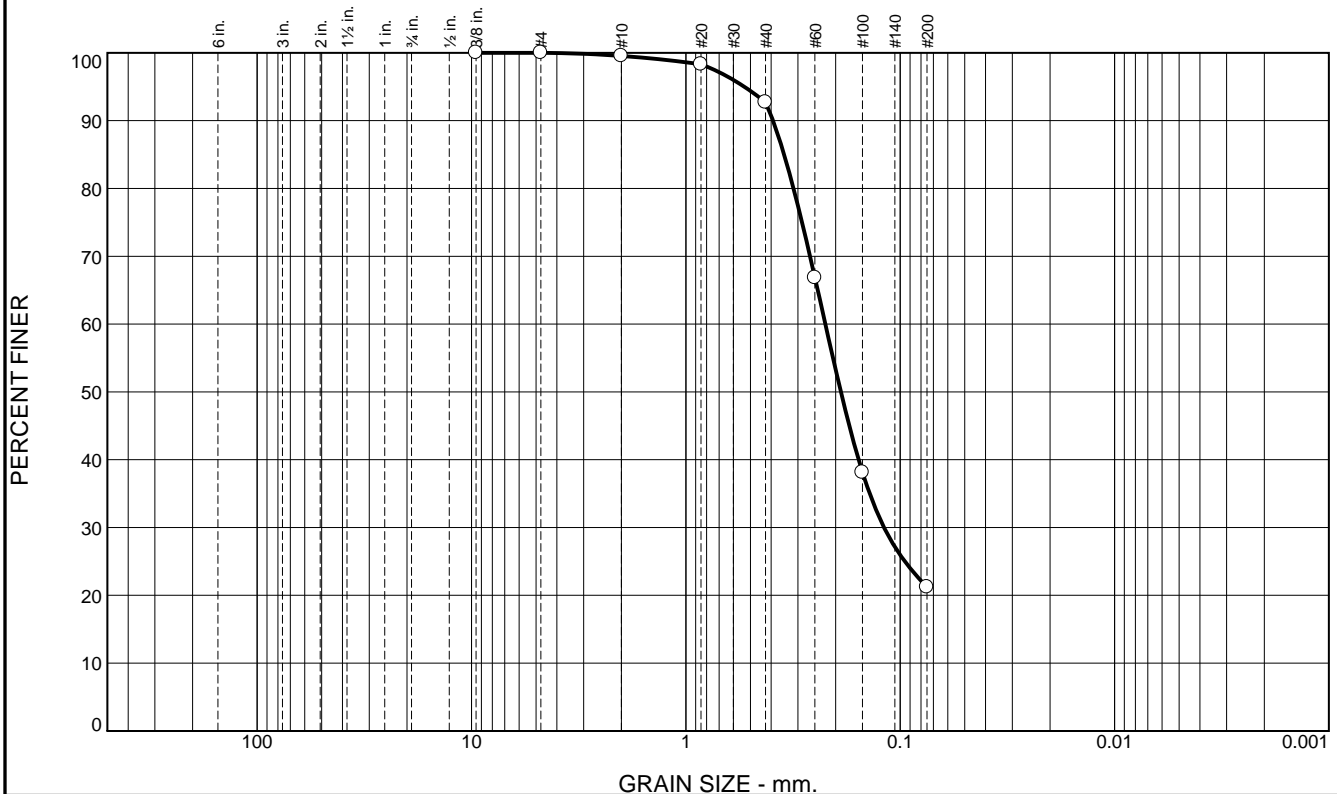


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.5	6.8	71.5	21.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.5		
#20	98.3		
#40	92.7		
#60	66.8		
#100	38.1		
#200	21.2		

\* (no specification provided)

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

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

**Coefficients**  
 D<sub>90</sub>= 0.3921      D<sub>85</sub>= 0.3481      D<sub>60</sub>= 0.2235  
 D<sub>50</sub>= 0.1890      D<sub>30</sub>= 0.1189      D<sub>15</sub>=  
 D<sub>10</sub>=      C<sub>u</sub>=      C<sub>c</sub>=

**Classification**  
 USCS= SM      AASHTO=

**Remarks**

Location: USACE Sample # BI-PB-145C-11  
 Sample Number: TE Lab ID: 5054.147

Depth: 7.3 - 11.4 (ft)

Date: 7/18/11

**Thompson Engineering**

**Mobile, Alabama**

**Client:** US Army Corps of Engineers

**Project:** Contract No. W91278-10-D-0026 - Task 009  
 Mississippi Barrier Island Restoration Project

**Project No:** 11-2116-0057

**Figure**