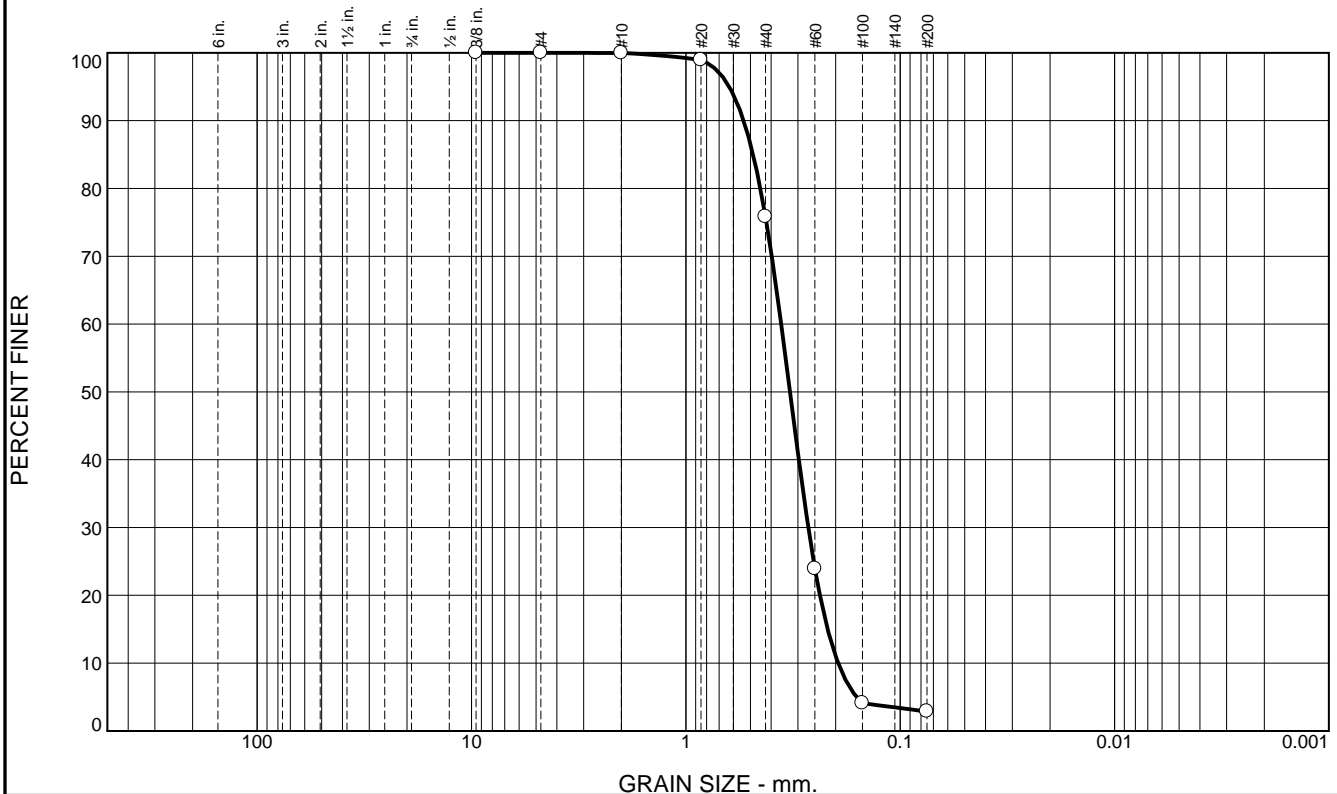


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	24.2	72.9	2.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.0		
#40	75.8		
#60	23.9		
#100	4.1		
#200	2.9		

\* (no specification provided)

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

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

**Coefficients**  
 D<sub>90</sub>= 0.5372      D<sub>85</sub>= 0.4855      D<sub>60</sub>= 0.3593  
 D<sub>50</sub>= 0.3269      D<sub>30</sub>= 0.2685      D<sub>15</sub>= 0.2180  
 D<sub>10</sub>= 0.1947      C<sub>u</sub>= 1.85              C<sub>c</sub>= 1.03

**Classification**  
 USCS= SP                      AASHTO=

**Remarks**

Location: USACE Sample # BI-PB-138C-11  
 Sample Number: TE Lab ID: 5054.128

Depth: 10.0 - 15.0 (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**