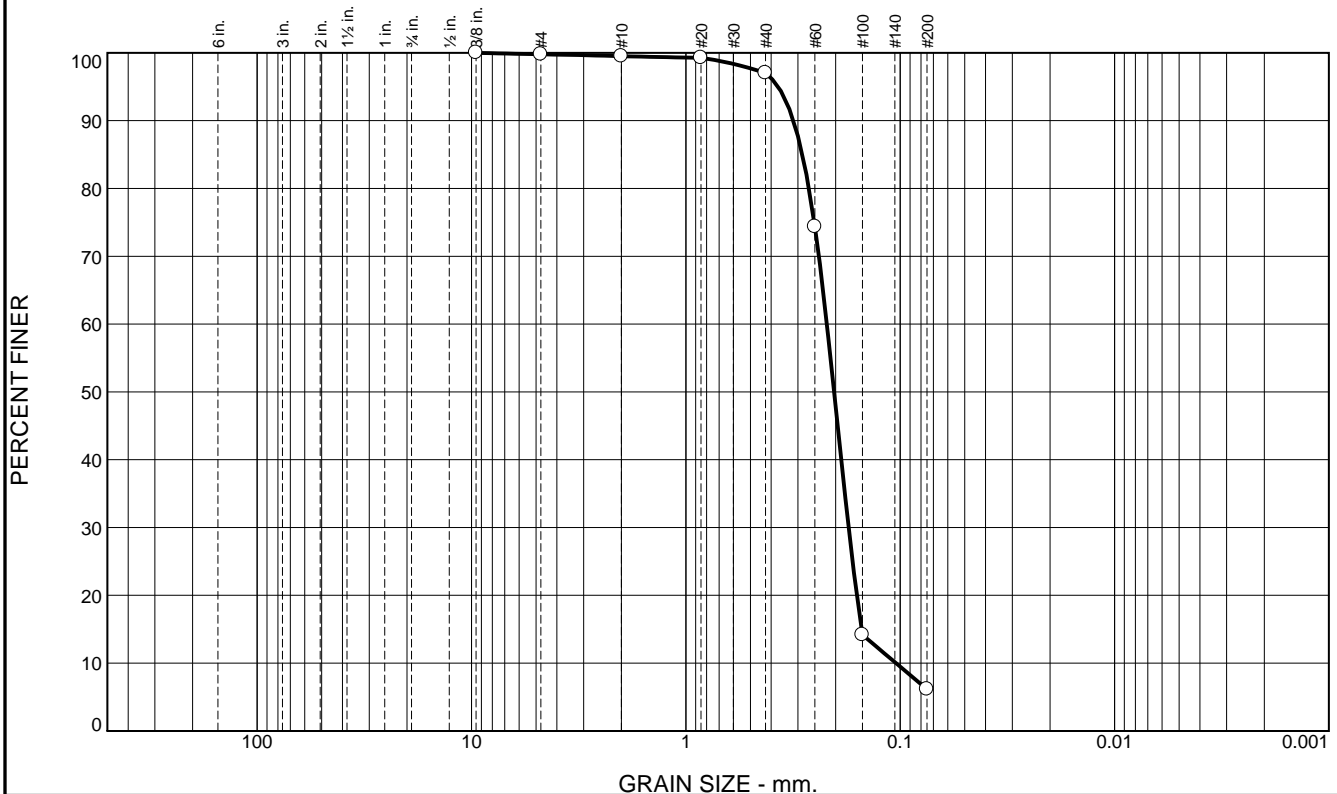


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.2	0.3	2.5	90.8	6.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.8		
#10	99.5		
#20	99.3		
#40	97.0		
#60	74.4		
#100	14.2		
#200	6.2		

\* (no specification provided)

<u>Material Description</u>		
Slightly silty SAND (SP-SM), fine grained		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D <sub>90</sub> = 0.3150	D <sub>85</sub> = 0.2862	D <sub>60</sub> = 0.2199
D <sub>50</sub> = 0.2033	D <sub>30</sub> = 0.1740	D <sub>15</sub> = 0.1514
D <sub>10</sub> = 0.1046	C <sub>u</sub> = 2.10	C <sub>c</sub> = 1.32
<u>Classification</u>		
USCS= SP-SM	AASHTO=	
<u>Remarks</u>		

Location: USACE Sample # BI-PB-147B-11  
Sample Number: TE Lab ID: 5054.135

Depth: 2.0 - 6.0 (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