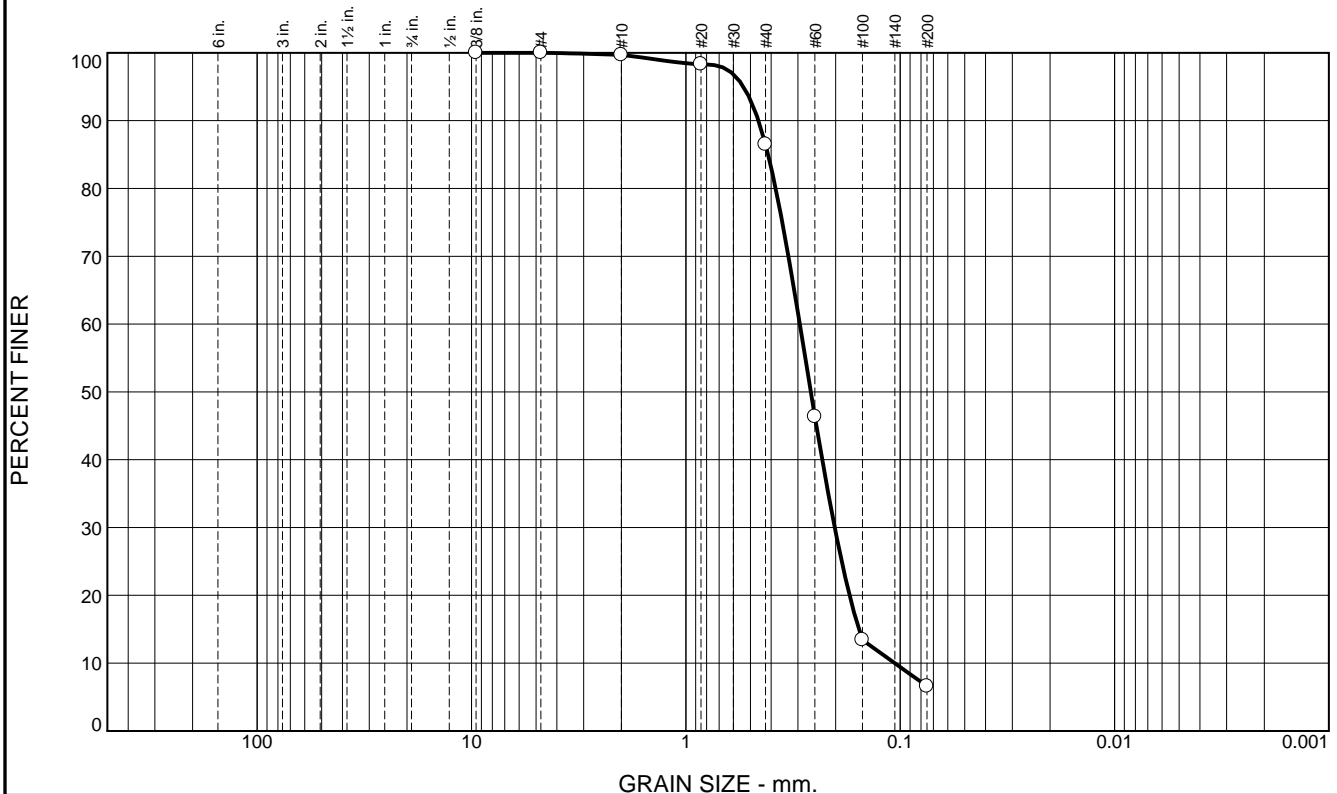


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.3	13.2	79.9	6.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.7		
#20	98.3		
#40	86.5		
#60	46.3		
#100	13.4		
#200	6.6		

\* (no specification provided)

<u>Material Description</u>		
Sightly silty SAND (SP-SM), medium to fine grained		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D <sub>90</sub> = 0.4583	D <sub>85</sub> = 0.4134	D <sub>60</sub> = 0.2942
D <sub>50</sub> = 0.2613	D <sub>30</sub> = 0.2020	D <sub>15</sub> = 0.1558
D <sub>10</sub> = 0.1060	C <sub>u</sub> = 2.77	C <sub>c</sub> = 1.31
<u>Classification</u>		
USCS= SP-SM	AASHTO=	
<u>Remarks</u>		

Location: USACE Sample # BI-PB-137B-11  
Sample Number: TE Lab ID: 5054.121

Depth: 4.0 - 8.0 (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**