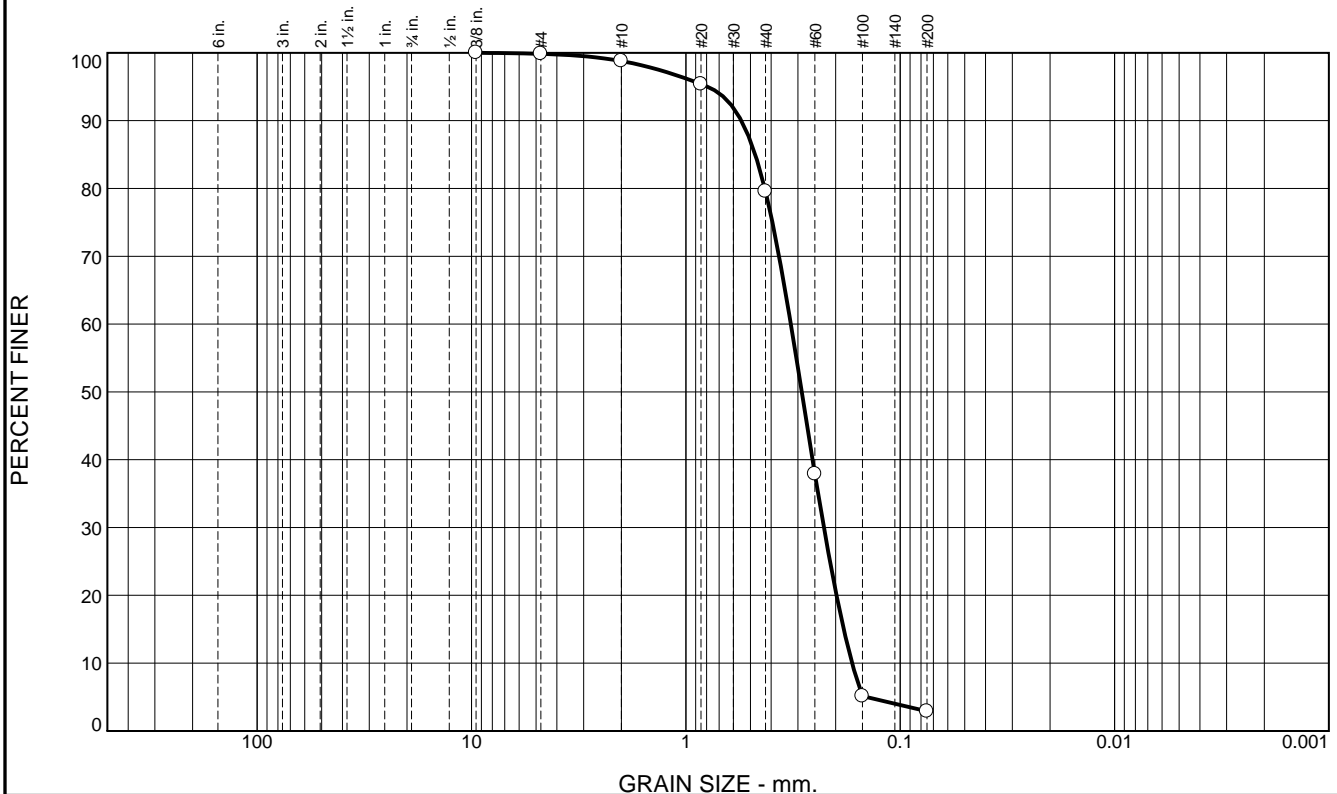


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.2	1.0	19.2	76.7	2.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.8		
#10	98.8		
#20	95.4		
#40	79.6		
#60	37.9		
#100	5.1		
#200	2.9		

\* (no specification provided)

<u>Material Description</u>		
SAND (SP), medium to fine grained		
PL=	<u>Atterberg Limits</u> LL=	PI=
<u>Coefficients</u>		
D <sub>90</sub> = 0.5508	D <sub>85</sub> = 0.4746	D <sub>60</sub> = 0.3240
D <sub>50</sub> = 0.2881	D <sub>30</sub> = 0.2269	D <sub>15</sub> = 0.1834
D <sub>10</sub> = 0.1677	C <sub>u</sub> = 1.93	C <sub>c</sub> = 0.95
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		

Location: USACE Sample # BI-PB-137A-11  
Sample Number: TE Lab ID: 5054.120

Depth: 0.0 - 4.0 (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