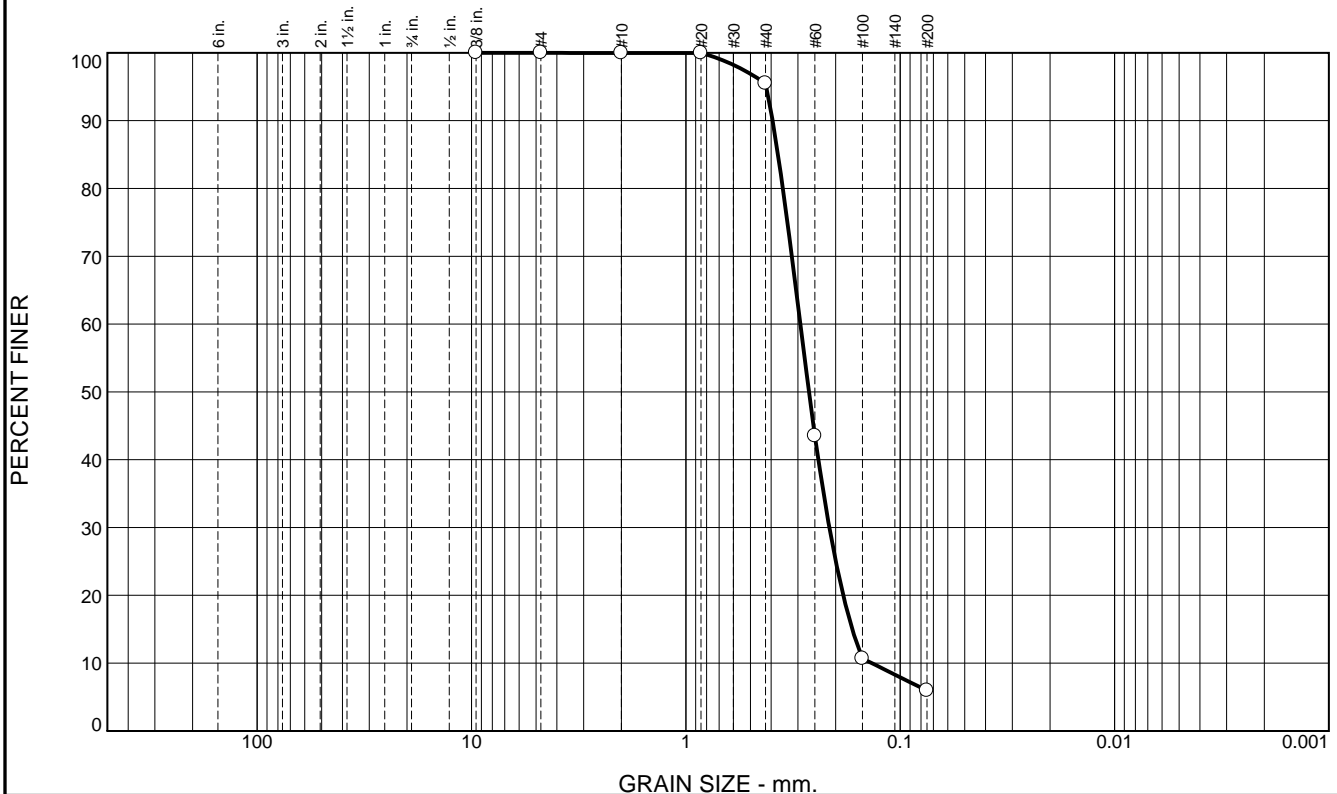


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	4.5	89.6	5.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	95.5		
#60	43.5		
#100	10.7		
#200	5.9		

* (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 ₉₀ = 0.3938	D ₈₅ = 0.3717	D ₆₀ = 0.2925
D ₅₀ = 0.2666	D ₃₀ = 0.2140	D ₁₅ = 0.1674
D ₁₀ = 0.1358	C _u = 2.15	C _c = 1.15
<u>Classification</u>		
USCS= SP-SM	AASHTO=	
<u>Remarks</u>		

Location: USACE Sample # BI-PB-134B-11
Sample Number: TE Lab ID: 5054.112

Depth: 5.0 - 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