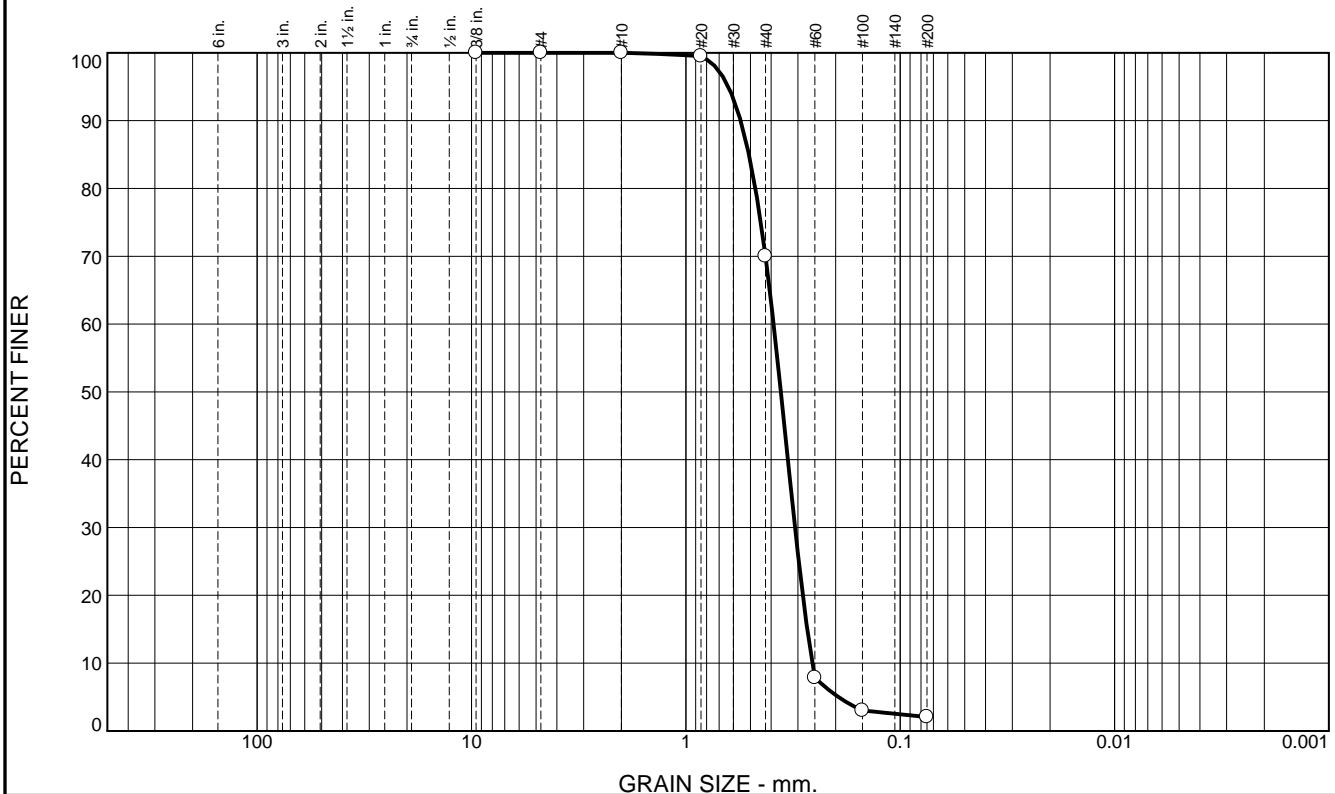


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	30.0	67.9	2.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.5		
#40	70.0		
#60	7.8		
#100	3.0		
#200	2.1		

* (no specification provided)

<u>Material Description</u>		
SAND (SP), medium to fine grained		
PL=	<u>Atterberg Limits</u> LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 0.5550	D ₈₅ = 0.5078	D ₆₀ = 0.3897
D ₅₀ = 0.3606	D ₃₀ = 0.3098	D ₁₅ = 0.2718
D ₁₀ = 0.2572	C _u = 1.52	C _c = 0.96
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		

Location: USACE Sample # BI-PB-146E-11
Sample Number: TE Lab ID: 5054.119

Depth: 16.0 - 18.9 (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