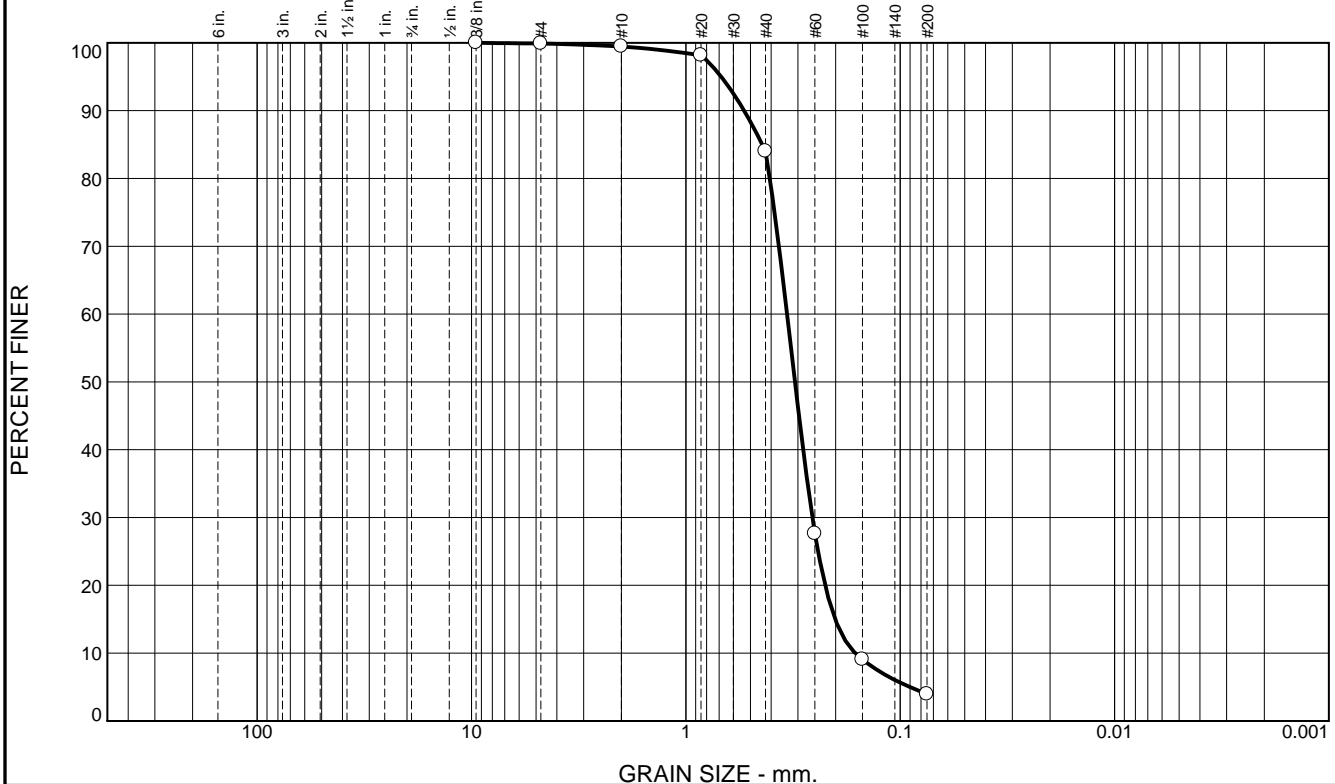


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	0.4	15.5	80.0	4.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.9		
#10	99.5		
#20	98.2		
#40	84.0		
#60	27.6		
#100	9.1		
#200	4.0		

<u>Material Description</u>		
Slightly silty SAND (SP-SM), medium to fine grained		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 0.5347	D ₈₅ = 0.4401	D ₆₀ = 0.3373
D ₅₀ = 0.3099	D ₃₀ = 0.2569	D ₁₅ = 0.2011
D ₁₀ = 0.1622	C _u = 2.08	C _c = 1.21
<u>Classification</u>		
USCS= SP-SM	AASHTO=	
<u>Remarks</u>		

* (no specification provided)

Location: USACE Sample # BI-PB-132A-11
Sample Number: TE Lab ID: 5054.103

Depth: 0.0 - 5.0 (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