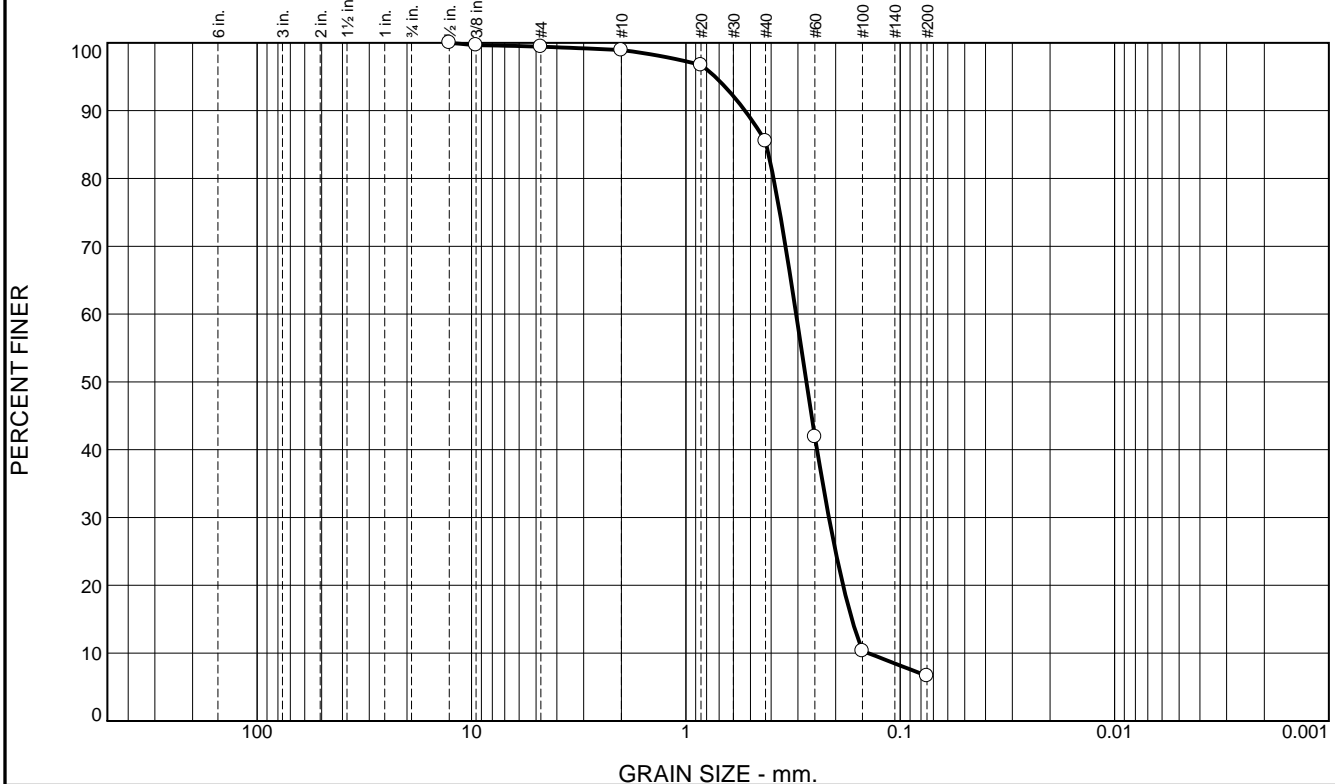


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.6	0.5	13.4	78.9	6.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.5	100.0		
.375	99.7		
#4	99.4		
#10	98.9		
#20	96.7		
#40	85.5		
#60	41.9		
#100	10.3		
#200	6.6		

* (no specification provided)

<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 = 0.5301	D ₈₅ = 0.4213	D ₆₀ = 0.3061
D ₅₀ = 0.2741	D ₃₀ = 0.2151	D ₁₅ = 0.1681
D ₁₀ = 0.1411	C _u = 2.17	C _c = 1.07
<u>Classification</u>		
USCS= SP-SM	AASHTO=	
<u>Remarks</u>		

Location: USACE Sample # BI-PB-133A-11
Sample Number: TE Lab ID: 5054.108

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