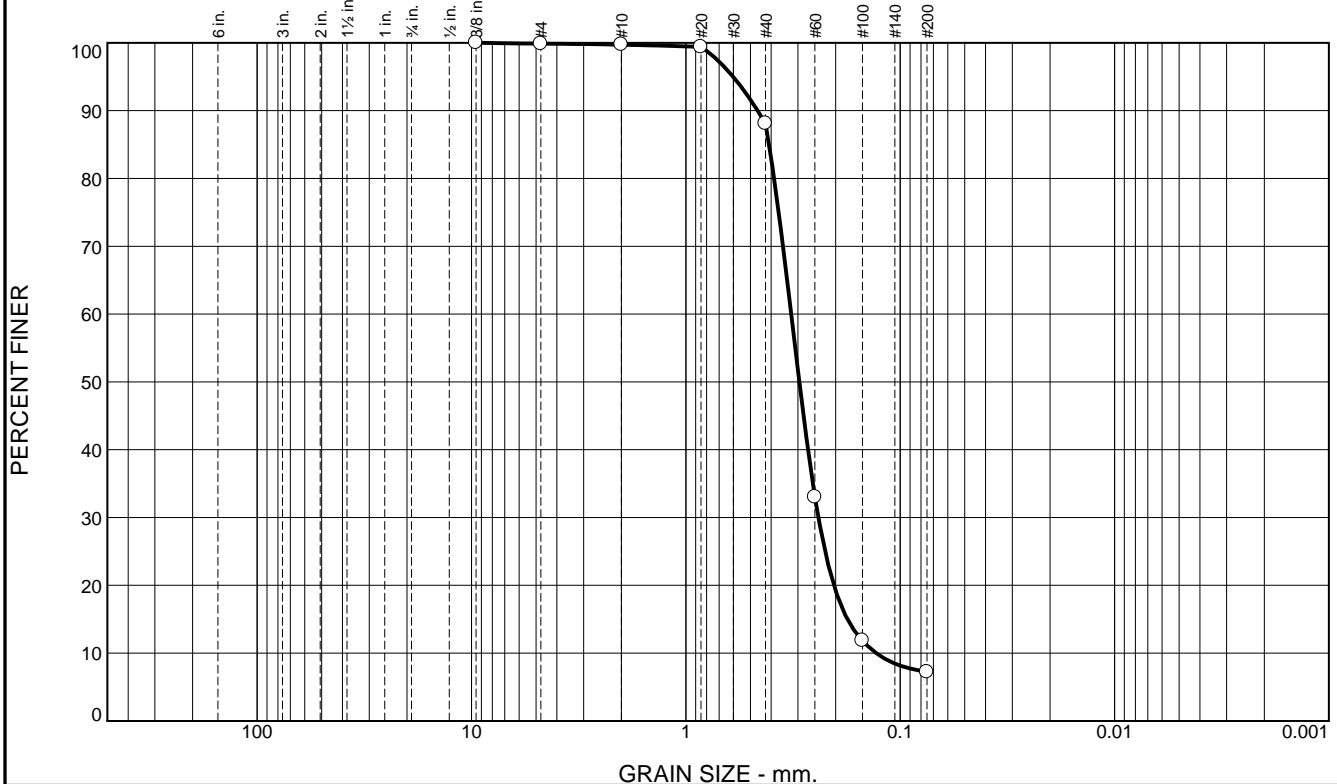


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	0.2	11.6	80.9	7.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.9		
#10	99.7		
#20	99.4		
#40	88.1		
#60	33.0		
#100	11.8		
#200	7.2		

* (no specification provided)

Material Description

Slightly silty SAND (SP-SM), medium to fine grained

Atterberg Limits

PL=

LL=

PI=

Coefficients

D₉₀= 0.4625

D₈₅= 0.4092

D₆₀= 0.3227

D₅₀= 0.2957

D₃₀= 0.2409

D₁₅= 0.1764

D₁₀= 0.1294

C_u= 2.49

C_c= 1.39

Classification

USCS= SP-SM

AASHTO=

Remarks

Location: USACE Sample # BI-PB-131B-11
Sample Number: TE Lab ID: 5054.107

Depth: 3.3 - 8.3 (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