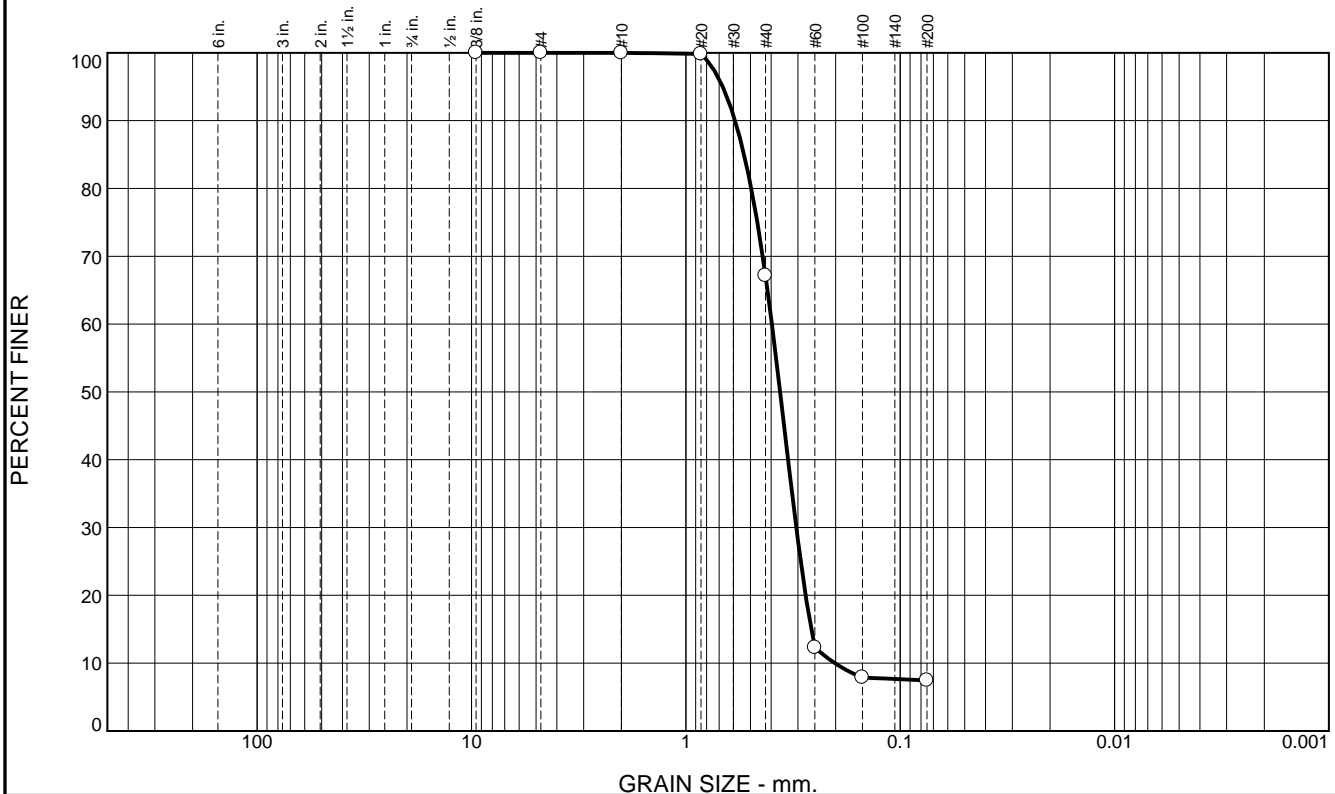


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	32.9	59.6	7.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.8		
#40	67.1		
#60	12.3		
#100	7.9		
#200	7.5		

* (no specification provided)

Material Description

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

Atterberg Limits

PL= LL= PI=

Coefficients

D₉₀= 0.5889 D₈₅= 0.5349 D₆₀= 0.3969
D₅₀= 0.3635 D₃₀= 0.3055 D₁₅= 0.2602
D₁₀= 0.2017 C_u= 1.97 C_c= 1.17

Classification

USCS= SP-SM AASHTO=

Remarks

Location: USACE Sample # BI-PB-142C-11
Sample Number: TE Lab ID: 5054.139

Depth: 9.0 - 12.0 (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