

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	12.1	76.5	11.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.8		
#40	87.9		
#60	44.6		
#100	13.2		
#200	11.4		

* (no specification provided)

Material Description

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

Atterberg Limits

PL=

LL=

PI=

Coefficients

D₉₀= 0.4640

D₈₅= 0.4051

D₆₀= 0.2975

D₅₀= 0.2660

D₃₀= 0.2070

D₁₅= 0.1577

D₁₀=

C_u=

C_c=

Classification

USCS= SP-SM

AASHTO=

Remarks

Location: USACE Sample # BI-PB-138E-11
Sample Number: TE Lab ID: 5054.130

Depth: 16.5 - 18.5 (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