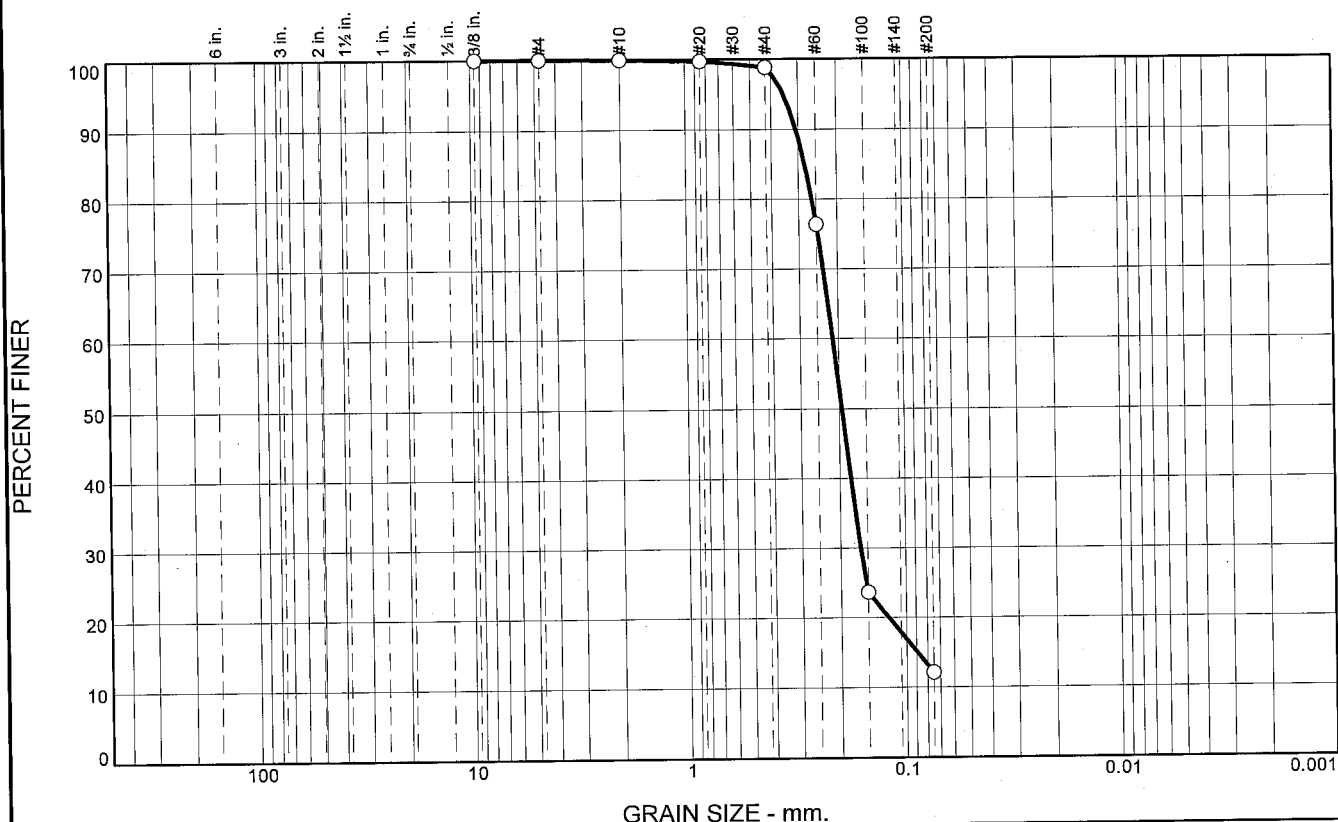


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.1	1.1	86.7	12.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.9		
#20	99.7		
#40	98.8		
#60	76.4		
#100	23.6		
#200	12.1		

* (no specification provided)

Material Description

SILTY SAND, (SM), fine grained, with some clay pockets

Atterberg Limits

PL=

LL=

PI=

Coefficients

D₉₀= 0.3072

D₈₅= 0.2806

D₆₀= 0.2127

D₅₀= 0.1947

D₃₀= 0.1615

D₁₅= 0.0893

D₁₀=

C_u=

C_c=

Classification

USCS= SM

AASHTO=

Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-4-10B
Sample Number: TE Lab ID: 4569.08

Depth: 12.0 - 17.7 (ft.)

Date: 7/8/10

Thompson Engineering

Mobile, Alabama

Client: US Army Corps of Engineers

Project: Contract No. W91278-10-D-0026 - Task 03
Mississippi Barrier Island Restoration Project

Project No: 10-2123-0009

Figure

Tested By: R.Martin

Checked By: R.Byrd