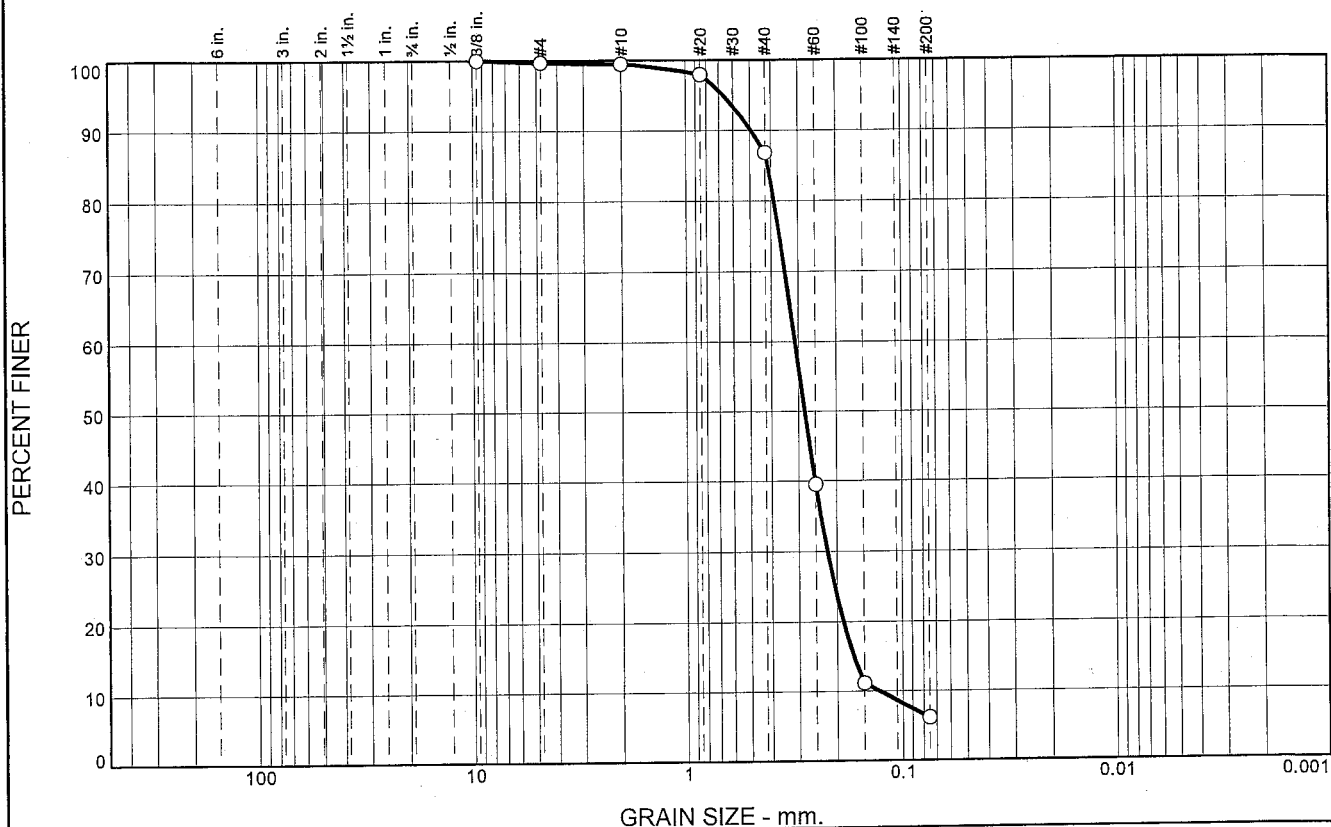


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.3	0.2	12.7	80.6	6.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.7		
#10	99.5		
#20	98.0		
#40	86.8		
#60	39.5		
#100	11.2		
#200	6.2		

Material Description
SAND, (SP-SM), medium to fine grained, with clay nodules

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 0.4942 D₈₅= 0.4133 D₆₀= 0.3108
 D₅₀= 0.2805 D₃₀= 0.2212 D₁₅= 0.1678
 D₁₀= 0.1273 C_u= 2.44 C_c= 1.24

Classification
 USCS= SP-SM AASHTO=

Remarks
 CADD CODE = CH10D965

* (no specification provided)

Location: USACE Sample # BI-PB-31-10A
 Sample Number: TE Lab ID: 4593.16

Depth: 0.0 - 4.0 (ft.)

Date: 7/26/10

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 Report No.

Tested By: G.Fancher

Checked By: R.Byrd