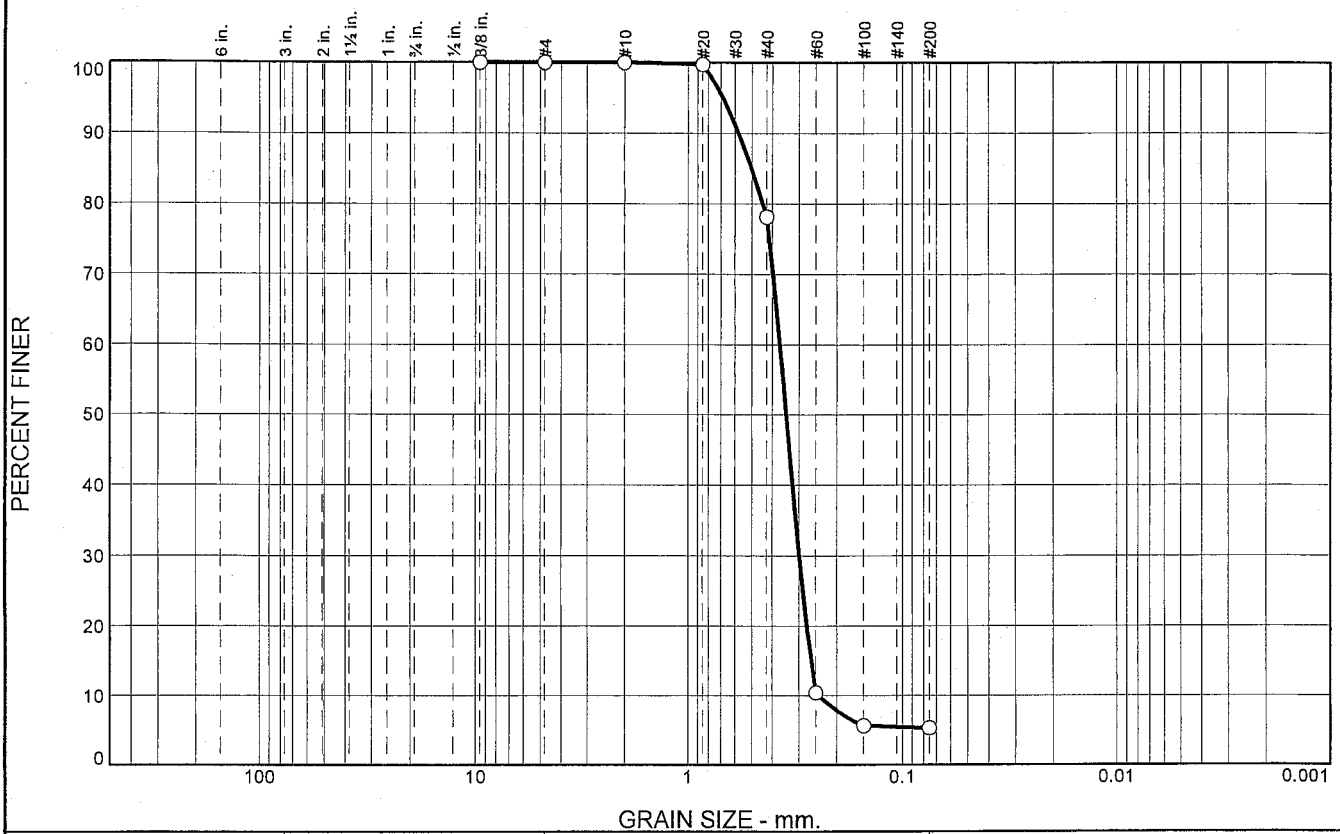
Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	21.9	72.8	5.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.7		
#40	78.1		
#60	10.4		
#100	5.6		
#200	5.3		

* (no specification provided)

Material Description

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

Atterberg Limits

PL= LL= PI=

Coefficients

D_{90}= 0.5771 D_{85}= 0.5014 D_{60}= 0.3683
D_{50}= 0.3435 D_{30}= 0.2985 D_{15}= 0.2632
D_{10}= 0.2425 C_u= 1.52 C_c= 1.00

Classification

USCS= SP-SM AASHTO=

Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-24-10C
Sample Number: TE Lab ID: 4578.30 **Depth:** 8.6 - 13.6 (ft.) **Date:** 7/16/10

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: G.Fancher **Checked By:** R.Byrd