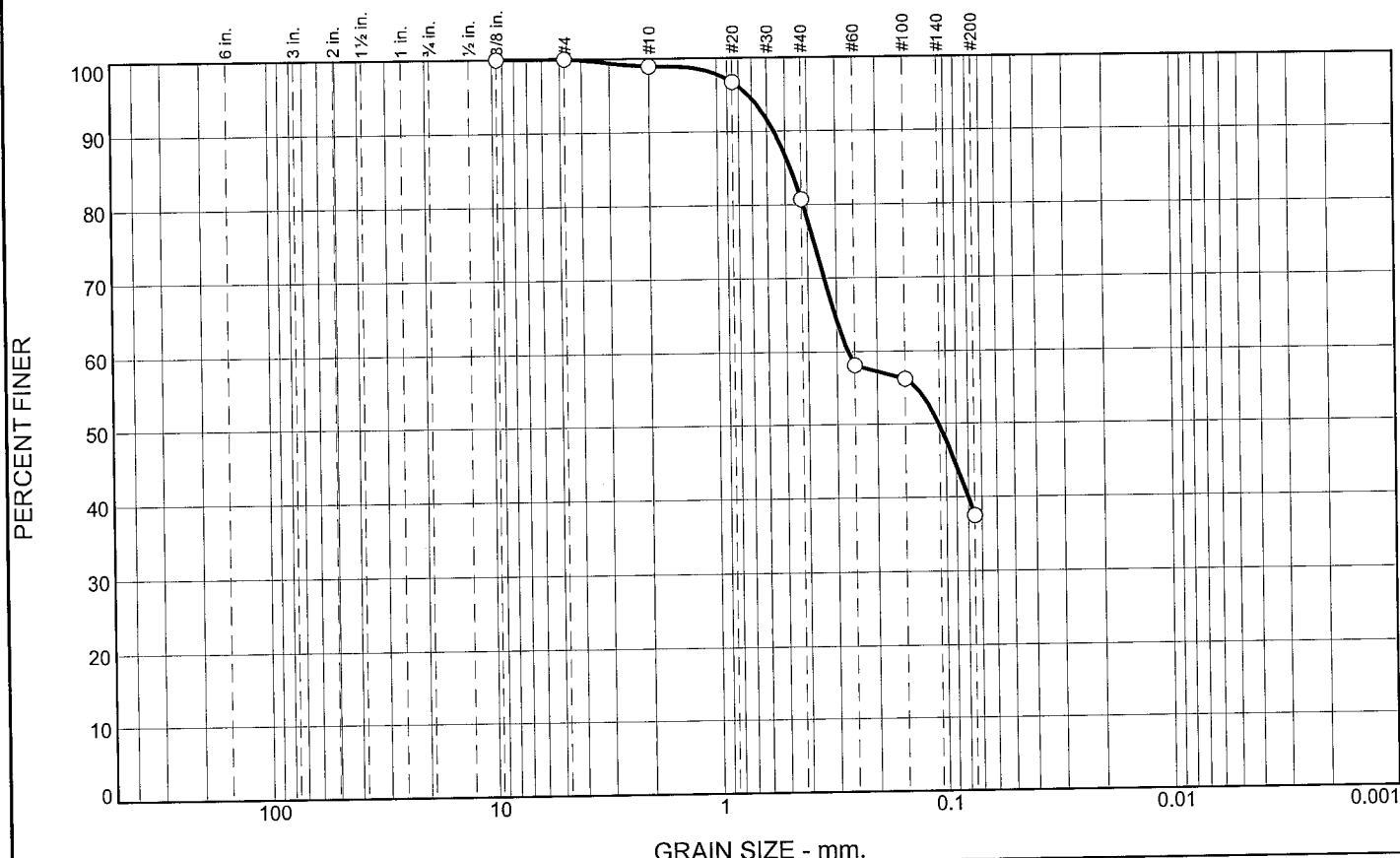


# Particle Size Distribution Report



GRAIN SIZE - mm.

% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	1.1	18.2	43.2	37.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	98.9		
#20	96.7		
#40	80.7		
#60	58.1		
#100	56.2		
#200	37.5		

\* (no specification provided)

## Material Description

CLAYEY SAND, (SC), medium to fine grained, with trace clay pockets

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5605 D<sub>85</sub>= 0.4746 D<sub>60</sub>= 0.2682  
D<sub>50</sub>= 0.1077 D<sub>30</sub>= C<sub>u</sub>= D<sub>15</sub>=  
D<sub>10</sub>= C<sub>c</sub>=

## Classification

USCS= SC AASHTO=

## Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-104-10B  
Sample Number: TE Lab ID: 4622.14

Depth: 5.0 - 8.0 (ft.)

Date: 8/15/10

**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: R.Martin

Checked By: R.Byrd