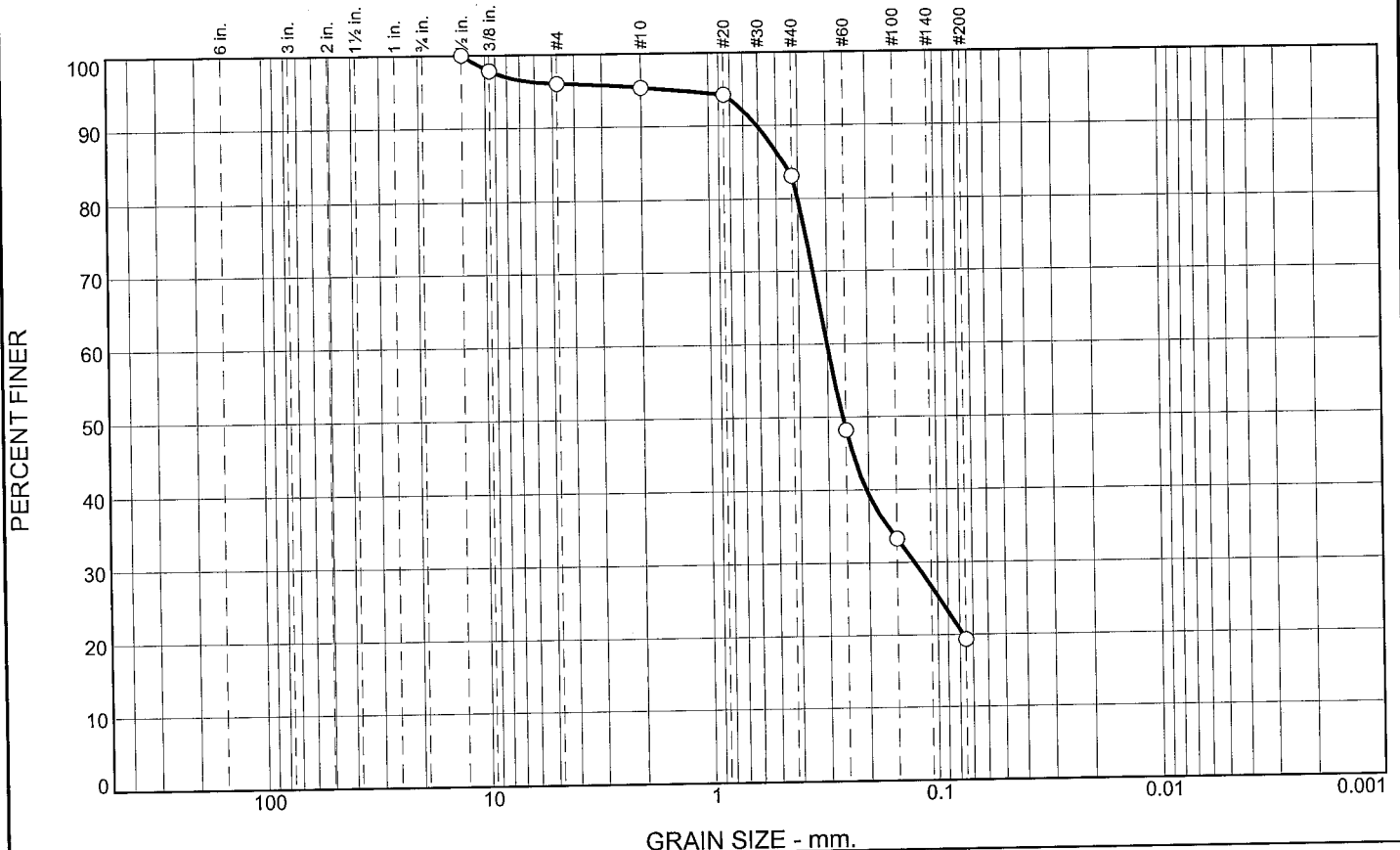


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	4.0	0.7	12.2	63.8	19.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.500	100.0		
.375	97.8		
#4	96.0		
#10	95.3		
#20	94.2		
#40	83.1		
#60	48.2		
#100	33.3		
#200	19.3		

\* (no specification provided)

## Material Description

SILTY SAND, (SM), medium to fine grained, with trace shell and clay pockets

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.6086      D<sub>85</sub>= 0.4631      D<sub>60</sub>= 0.3008  
 D<sub>50</sub>= 0.2584      D<sub>30</sub>= 0.1260      D<sub>15</sub>=  
 D<sub>10</sub>=                  C<sub>u</sub>=                  C<sub>c</sub>=

## Classification

USCS= SM      AASHTO=

## Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-106-10B  
Sample Number: TE Lab ID: 4622.18

Depth: 5.0 - 9.5 (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