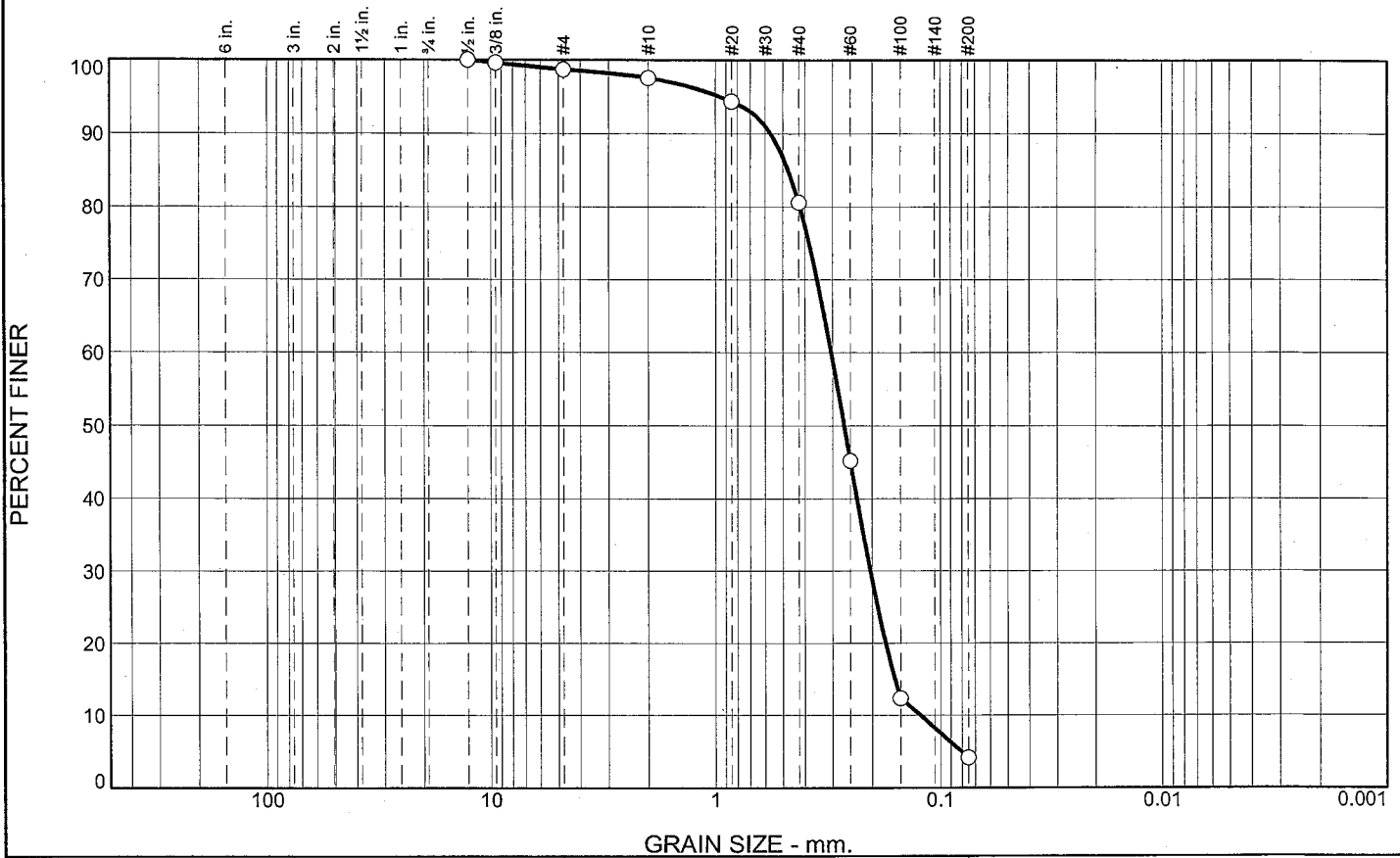


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.3	1.2	16.9	76.4	4.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.500	100.0		
.375	99.6		
#4	98.7		
#10	97.5		
#20	94.4		
#40	80.6		
#60	45.2		
#100	12.4		
#200	4.2		

\* (no specification provided)

## Material Description

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

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5663 D<sub>85</sub>= 0.4726 D<sub>60</sub>= 0.3044  
D<sub>50</sub>= 0.2663 D<sub>30</sub>= 0.2035 D<sub>15</sub>= 0.1589  
D<sub>10</sub>= 0.1227 C<sub>u</sub>= 2.48 C<sub>c</sub>= 1.11

## Classification

USCS= SP AASHTO=

## Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-54-10A  
Sample Number: TE Lab ID: 4636.01

Depth: 0.0 - 1.5 (ft.)

Date: 8/18/10

**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 #:

Tested By: R.Martin

Checked By: R.Byrd