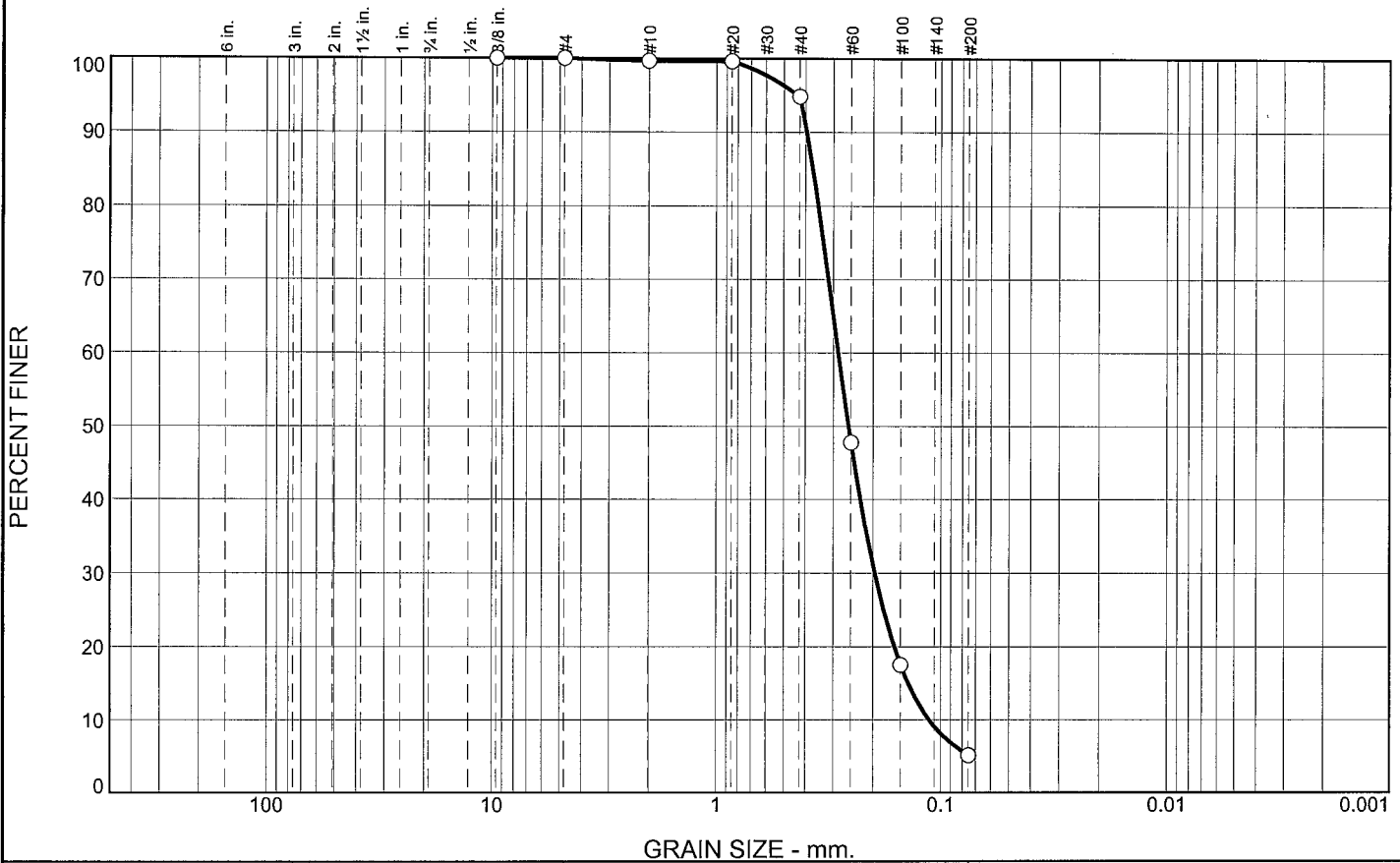


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.3	4.9	89.6	5.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.7		
#20	99.6		
#40	94.8		
#60	47.7		
#100	17.5		
#200	5.2		

**Material Description**  
SAND, (SP-SM), fine grained

**Atterberg Limits**  
PL=      LL=      PI=

**Coefficients**  
D<sub>90</sub>= 0.3948      D<sub>85</sub>= 0.3706      D<sub>60</sub>= 0.2849  
D<sub>50</sub>= 0.2564      D<sub>30</sub>= 0.1960      D<sub>15</sub>= 0.1390  
D<sub>10</sub>= 0.1124      C<sub>u</sub>= 2.53      C<sub>c</sub>= 1.20

**Classification**  
USCS= SP-SM      AASHTO=

**Remarks**  
CADD CODE = CH10D965

\* (no specification provided)

Location: USACE Sample # BI-PB-58-10A  
Sample Number: TE Lab ID: 4622.21

Depth: 10.0 - 14.0 (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