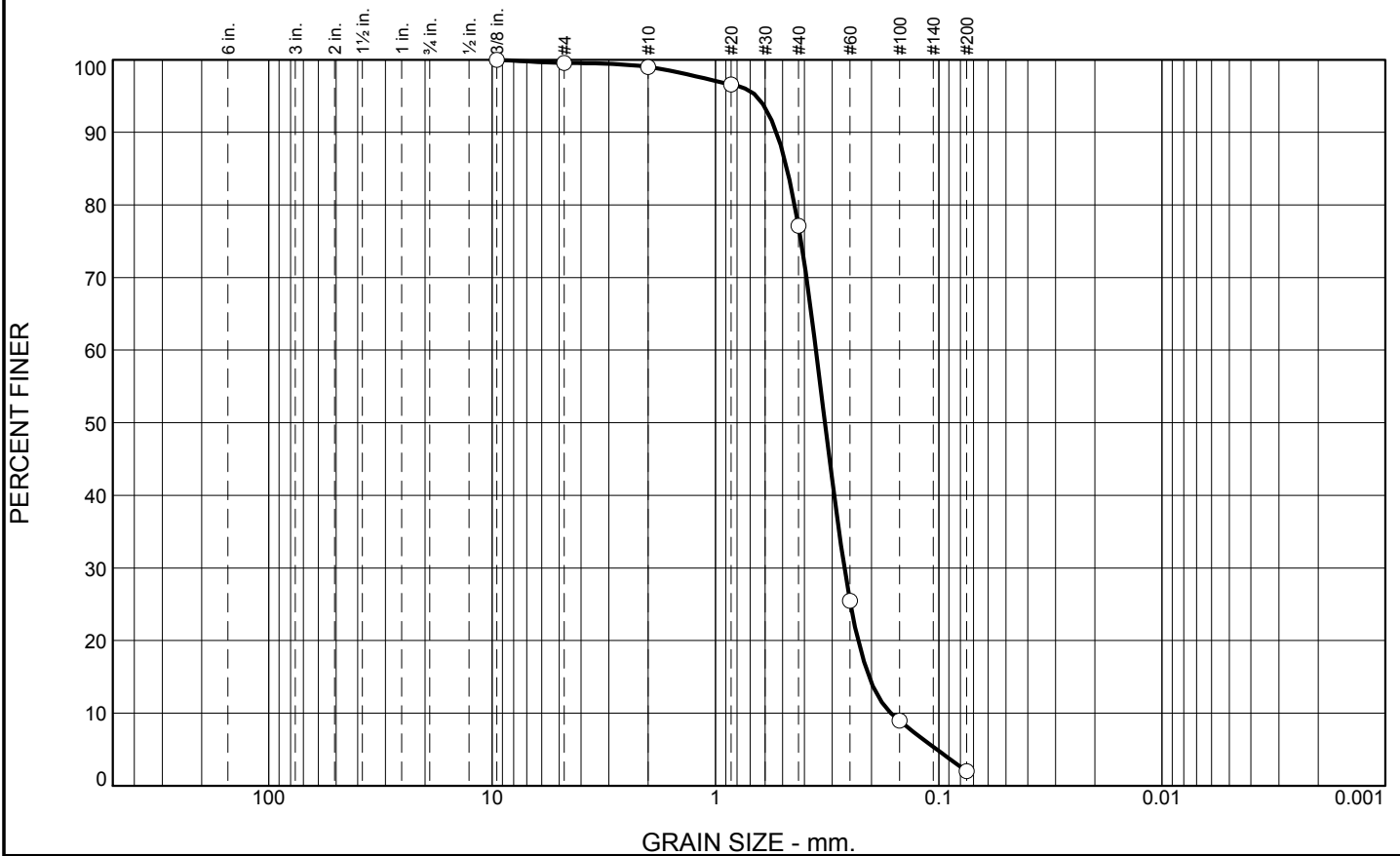


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.4	0.6	21.9	75.1	2.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.6		
#10	99.0		
#20	96.6		
#40	77.1		
#60	25.5		
#100	9.0		
#200	2.0		

\* (no specification provided)

<u>Material Description</u>		
SAND, (SP), medium to fine grained		
PL=	<u>Atterberg Limits</u> LL=	PI=
<u>Coefficients</u>		
D <sub>90</sub> = 0.5329	D <sub>85</sub> = 0.4780	D <sub>60</sub> = 0.3548
D <sub>50</sub> = 0.3231	D <sub>30</sub> = 0.2645	D <sub>15</sub> = 0.2052
D <sub>10</sub> = 0.1636	C <sub>u</sub> = 2.17	C <sub>c</sub> = 1.20
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		
CADD CODE = CH10D965		

Location: USACE Sample # BI-PB-36-10B  
Sample Number: TE Lab ID: 4609.09

Depth: 5.0 - 10.0 (ft.)

Date: 8/4/10

**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.** Revised 8/20

Tested By: R.Martin

Checked By: R.Byrd