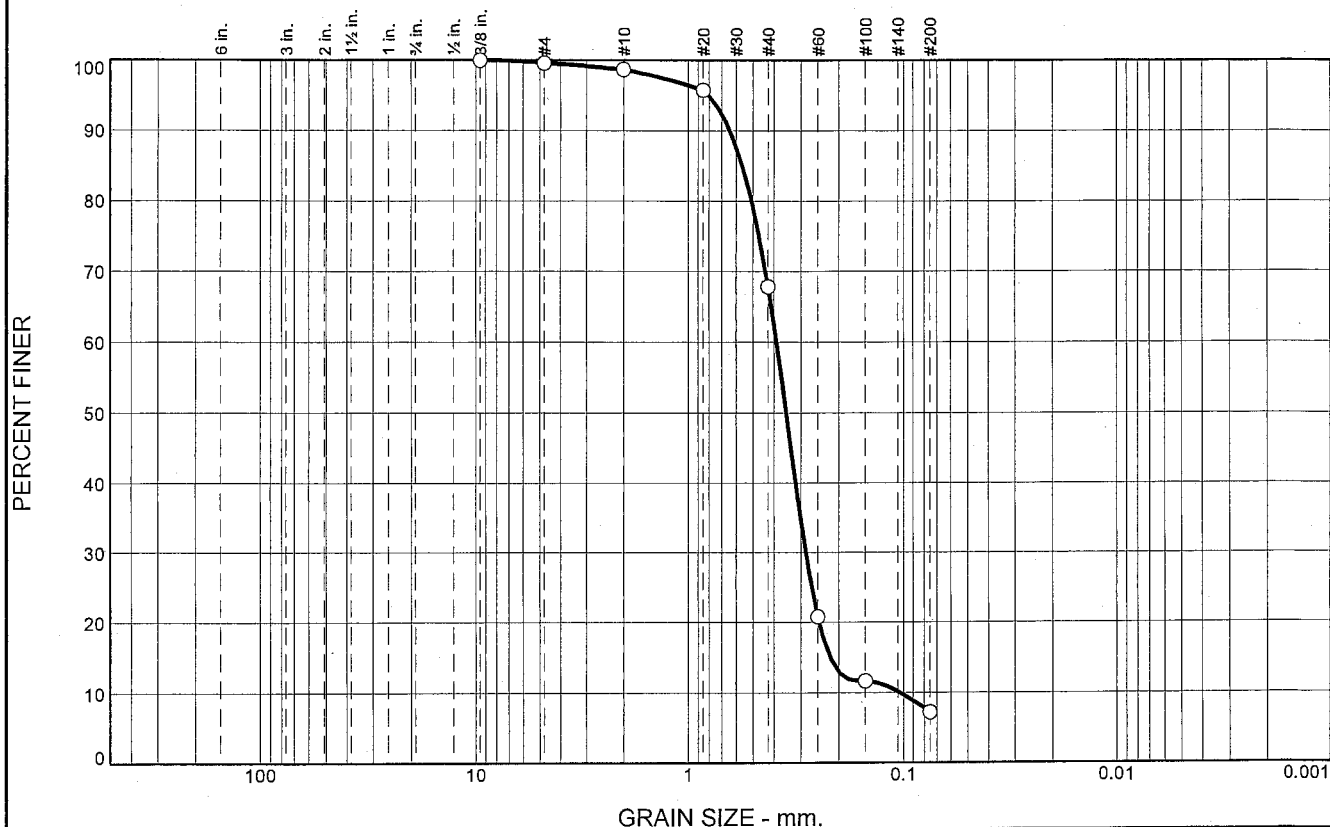


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.4	0.9	30.9	60.6	7.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.6		
#10	98.7		
#20	95.8		
#40	67.8		
#60	20.8		
#100	11.7		
#200	7.2		

\* (no specification provided)

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

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

**Coefficients**  
D<sub>90</sub>= 0.6420 D<sub>85</sub>= 0.5609 D<sub>60</sub>= 0.3890  
D<sub>50</sub>= 0.3509 D<sub>30</sub>= 0.2840 D<sub>15</sub>= 0.2189  
D<sub>10</sub>= 0.1035 C<sub>u</sub>= 3.76 C<sub>c</sub>= 2.00

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

**Remarks**  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-25-10A  
Sample Number: TE Lab ID: 4578.32

Depth: 0.0 - 0.3 (ft.)

Date: 7/16/10

**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

**Figure**

Tested By: G.Fancher

Checked By: R.Byrd