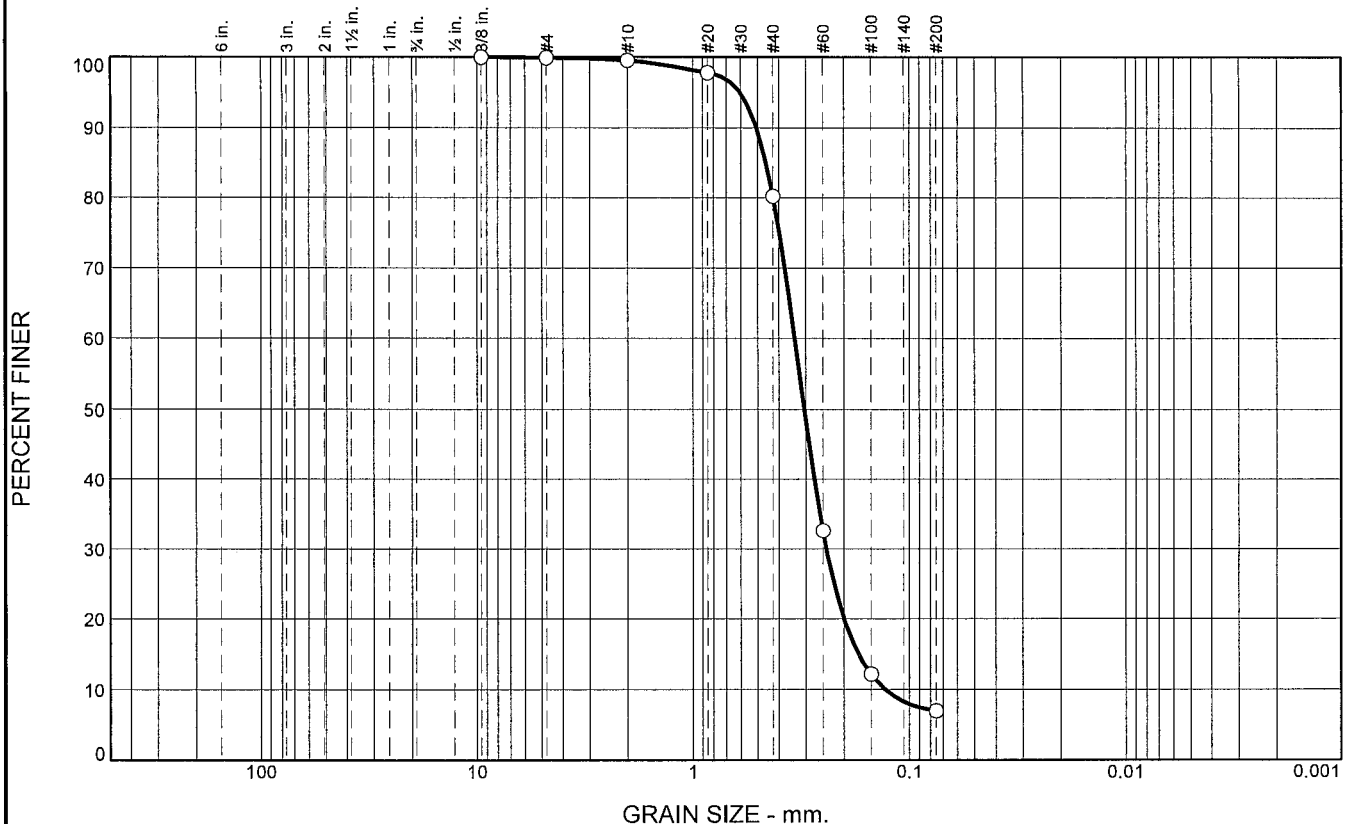


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	0.4	19.3	73.2	7.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.9		
#10	99.5		
#20	97.8		
#40	80.2		
#60	32.6		
#100	12.1		
#200	7.0		

\* (no specification provided)

## Material Description

SAND, (SP-SM), medium to fine grained

## Atterberg Limits

PL= LL= PI=

## Coefficients

$D_{90} = 0.5082$      $D_{85} = 0.4582$      $D_{60} = 0.3373$   
 $D_{50} = 0.3045$      $D_{30} = 0.2411$      $D_{15} = 0.1719$   
 $D_{10} = 0.1291$      $C_u = 2.61$      $C_c = 1.34$

## Classification

USCS= SP-SM    AASHTO=

## Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-37-10A  
Sample Number: TE Lab ID: 4612.01

Depth: 0.0 - 5.0 (ft.)

Date: 8/7/10

**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: G.Fancher

Checked By: R.Byrd