

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.2	17.8	73.8	8.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
#4	100.0		
#10	99.8		
#20	99.3		
#40	82.0		
#60	24.2		
#100	8.9		
#140	8.4		
#200	8.2		

* (no specification provided)

Material Description

Fine to medium grained, SLIGHTLY SILTY SAND

Atterberg Limits

PL= LL= PI=

Coefficients

D₉₀= 0.5461 D₈₅= 0.4639 D₆₀= 0.3461
D₅₀= 0.3187 D₃₀= 0.2666 D₁₅= 0.2149
D₁₀= 0.1777 C_u= 1.95 C_c= 1.16

Classification

USCS= SP-SM AASHTO=

Remarks

Location: BI-PB-179-12 B
Sample Number: 6494 (69)

Depth: 2.2'

Date: 12/26/12

Thompson Engineering

Mobile, Alabama

Client: CDM/Thompson Engineering JV
Project: MsCIP Barrier Island Restoration GT

Project No: 1221110095

Figure