

Particle Size Distribution Report



GRAIN SIZE - mm.

% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.4	1.5	20.8	68.8	8.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
#4	99.6		
#10	98.1		
#20	94.5		
#40	77.3		
#60	40.3		
#100	11.0		
#140	9.0		
#200	8.5		

* (no specification provided)

Material Description

Fine to medium grained, SLIGHTLY SILTY SAND

Atterberg Limits

PL= LL= PI=

Coefficients

D₉₀= 0.6111 D₈₅= 0.5091 D₆₀= 0.3242
D₅₀= 0.2837 D₃₀= 0.2173 D₁₅= 0.1683
D₁₀= 0.1305 C_u= 2.49 C_c= 1.12

Classification

USCS= SP-SM AASHTO=

Remarks

Location: BI-PBS-28-12 B

Sample Number: 6469 (13)

Depth: 11.0'

Date: 11/28/12

Thompson Engineering

Mobile, Alabama

Client: CDM/Thompson Engineering JV

Project: MsCIP Barrier Island Restoration GT

Project No: 1221110095

Figure