

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.8	2.1	12.3	81.9	2.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
#4	99.2		
#10	97.1		
#20	93.1		
#40	84.8		
#60	50.9		
#100	6.6		
#140	3.4		
#200	2.9		

* (no specification provided)

<u>Material Description</u>		
Fine to medium grained, SAND		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 0.5218	D ₈₅ = 0.4275	D ₆₀ = 0.2775
D ₅₀ = 0.2477	D ₃₀ = 0.2028	D ₁₅ = 0.1718
D ₁₀ = 0.1600	C _u = 1.73	C _c = 0.93
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		

Location: BI-PBS-13-12 B
Sample Number: 6471 (2)

Depth: 5.0'

Date: 12/03/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure