

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.4	20.0	78.4	1.2	

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	99.6		
#20	98.3		
#40	79.6		
#60	20.8		
#100	2.6		
#140	1.4		
#200	1.2		

* (no specification provided)

<u>Material Description</u>		
Fine to medium grained, SAND		
PL=	<u>Atterberg Limits</u> LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 0.5816	D ₈₅ = 0.4944	D ₆₀ = 0.3538
D ₅₀ = 0.3259	D ₃₀ = 0.2749	D ₁₅ = 0.2314
D ₁₀ = 0.2113	C _u = 1.67	C _c = 1.01
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		

Location: BI-PB-182-12 A
Sample Number: 6485 (14)

Depth: 0.0'

Date: 12/07/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure