

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.8	1.7	8.4	85.4	3.7	

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	97.5		
#20	94.8		
#40	89.1		
#60	64.3		
#100	6.3		
#140	4.1		
#200	3.7		

* (no specification provided)

<u>Material Description</u>		
Fine grained, SAND		
PL=	<u>Atterberg Limits</u> LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 0.4534	D ₈₅ = 0.3499	D ₆₀ = 0.2403
D ₅₀ = 0.2214	D ₃₀ = 0.1901	D ₁₅ = 0.1671
D ₁₀ = 0.1582	C _u = 1.52	C _c = 0.95
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		

Location: BI-PBS-38-12 B
Sample Number: 6482 (46)

Depth: 5.0'

Date: 12/12/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure