


Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: Reach 8 Geotechnical Investigation							
Sample Name: PBVC-05-10 #4							
Analysis Date: 03-16-05							
Analyzed By: CPE							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
972,852		833,882		Florida State Plane East		-36.5 NAVD 88	
USCS:		Munsell:		Comments:			
SP		Wet - 5Y-5/1 Dry - 5Y-6/1 Washed - 5Y-6/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
80.25	78.55	0.04	0.10	#200 - 2.38 #230 - 2.27		40.00	0
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
3/4	-4.25	19.03	0.00	0.00	0.00	0.00	
5/8	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16	-3.00	8.00	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	0.00	0.00	0.00	0.00	
4	-2.25	4.76	0.00	0.00	0.00	0.00	
5	-2.00	4.00	0.00	0.00	0.00	0.00	
7	-1.50	2.83	0.02	0.02	0.02	0.02	
10	-1.00	2.00	0.07	0.09	0.09	0.11	
14	-0.50	1.41	0.30	0.37	0.39	0.48	
18	0.00	1.00	0.62	0.77	1.01	1.25	
25	0.50	0.71	1.99	2.48	3.00	3.73	
35	1.00	0.50	3.76	4.69	6.76	8.42	
45	1.50	0.35	3.90	4.86	10.66	13.28	
60	2.00	0.25	4.75	5.92	15.41	19.20	
80	2.50	0.18	10.66	13.28	26.07	32.48	
120	3.00	0.13	37.38	46.58	63.45	79.06	
170	3.50	0.09	14.54	18.12	77.99	97.18	
200	3.75	0.07	0.35	0.44	78.34	97.62	
230	4.00	0.06	0.09	0.11	78.43	97.73	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.44	3.14	2.96	2.69	2.22	1.73	0.64	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.44	0.18	0.81	-1.57	5.31		

SIEVE ANALYSIS PALMBEACH_05_NAVD88.GPJ FL DEP ROSS.GDT 5/10/07

