


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-05-15 #4							
Analysis Date: 03-16-05							
Analyzed By: CPE							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
972,769		821,109		Florida State Plane East		-32.4 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - 5Y-6/3 Dry - 5Y-7/1 Washed - 5Y-7/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
77.80	76.46	0.03	0.05	#200 - 1.96 #230 - 1.83		70.00	3
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	0.59	0.76	0.59	0.76	
3.5	-2.50	5.66	0.22	0.28	0.81	1.04	
4	-2.25	4.76	0.27	0.35	1.08	1.39	
5	-2.00	4.00	0.32	0.41	1.40	1.80	
7	-1.50	2.83	1.71	2.20	3.11	4.00	
10	-1.00	2.00	2.54	3.26	5.65	7.26	
14	-0.50	1.41	4.93	6.34	10.58	13.60	
18	0.00	1.00	6.22	7.99	16.80	21.59	
25	0.50	0.71	7.63	9.81	24.43	31.40	
35	1.00	0.50	7.97	10.24	32.40	41.64	
45	1.50	0.35	3.37	4.33	35.77	45.97	
60	2.00	0.25	2.92	3.75	38.69	49.72	
80	2.50	0.18	5.37	6.90	44.06	56.62	
120	3.00	0.13	19.88	25.55	63.94	82.17	
170	3.50	0.09	11.81	15.18	75.75	97.35	
200	3.75	0.07	0.54	0.69	76.29	98.04	
230	4.00	0.06	0.10	0.13	76.39	98.17	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.42	3.06	2.86	2.02	0.17	-0.35	-1.35	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.43	0.37	1.6	-0.57	2.28		

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

