
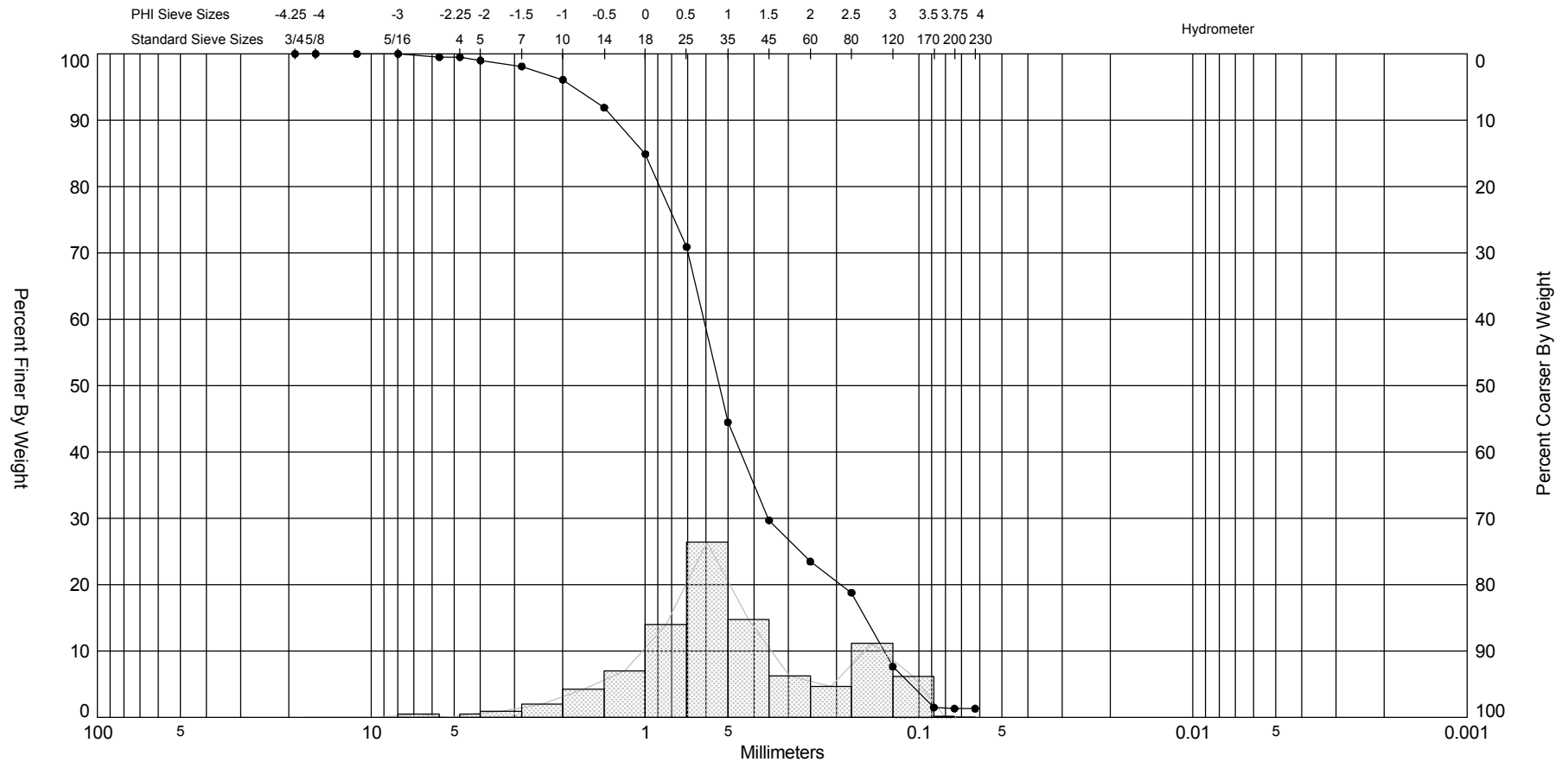



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: Reach 8 Geotechnical Investigation							
Sample Name: PBVC-05-12 #2							
Analysis Date: 03-11-05							
Analyzed By: CPE				Coordinate System: Florida State Plane East		Elevation (ft): -30.5 NAVD 88	
Easting (ft): 972,893		Northing (ft): 826,711					
USCS: SW		Munsell: Wet - 5Y-6/1 Dry - 5Y-5/1 Washed - 5Y-5/1		Comments:			
Dry Weight (g): 89.62	Wash Weight (g): 88.66	Pan Retained (g): 0.01	Sieve Loss (%): 0.23	Fines (%): #200 - 1.32 #230 - 1.31	Organics (%):	Carbonates (%): 70.00	Shell Hash (%): 1
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	0.44	0.49	0.44	0.49	
4	-2.25	4.76	0.00	0.00	0.44	0.49	
5	-2.00	4.00	0.47	0.52	0.91	1.01	
7	-1.50	2.83	0.79	0.88	1.70	1.89	
10	-1.00	2.00	1.80	2.01	3.50	3.90	
14	-0.50	1.41	3.77	4.21	7.27	8.11	
18	0.00	1.00	6.28	7.01	13.55	15.12	
25	0.50	0.71	12.54	13.99	26.09	29.11	
35	1.00	0.50	23.69	26.43	49.78	55.54	
45	1.50	0.35	13.23	14.76	63.01	70.30	
60	2.00	0.25	5.58	6.23	68.59	76.53	
80	2.50	0.18	4.19	4.68	72.78	81.21	
120	3.00	0.13	9.99	11.15	82.77	92.36	
170	3.50	0.09	5.52	6.16	88.29	98.52	
200	3.75	0.07	0.14	0.16	88.43	98.68	
230	4.00	0.06	0.01	0.01	88.44	98.69	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.21	2.63	1.88	0.90	0.35	0.03	-0.87	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.04	0.49	1.19	0	2.97		

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



Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
PBVC-05-12 #2	—●—	-30.5	SW	#200 - 1.32 #230 - 1.31		70.00	0.9	1.04	0	2.97	1.19	Project Name:	Reach 8 Geotechnical Investigation
Comments:												Analysis Date:	03-11-05
Depths and elevations based on measured values												Analyzed By:	CPE
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	972,893
												Northing (Y, ft):	826,711
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88