
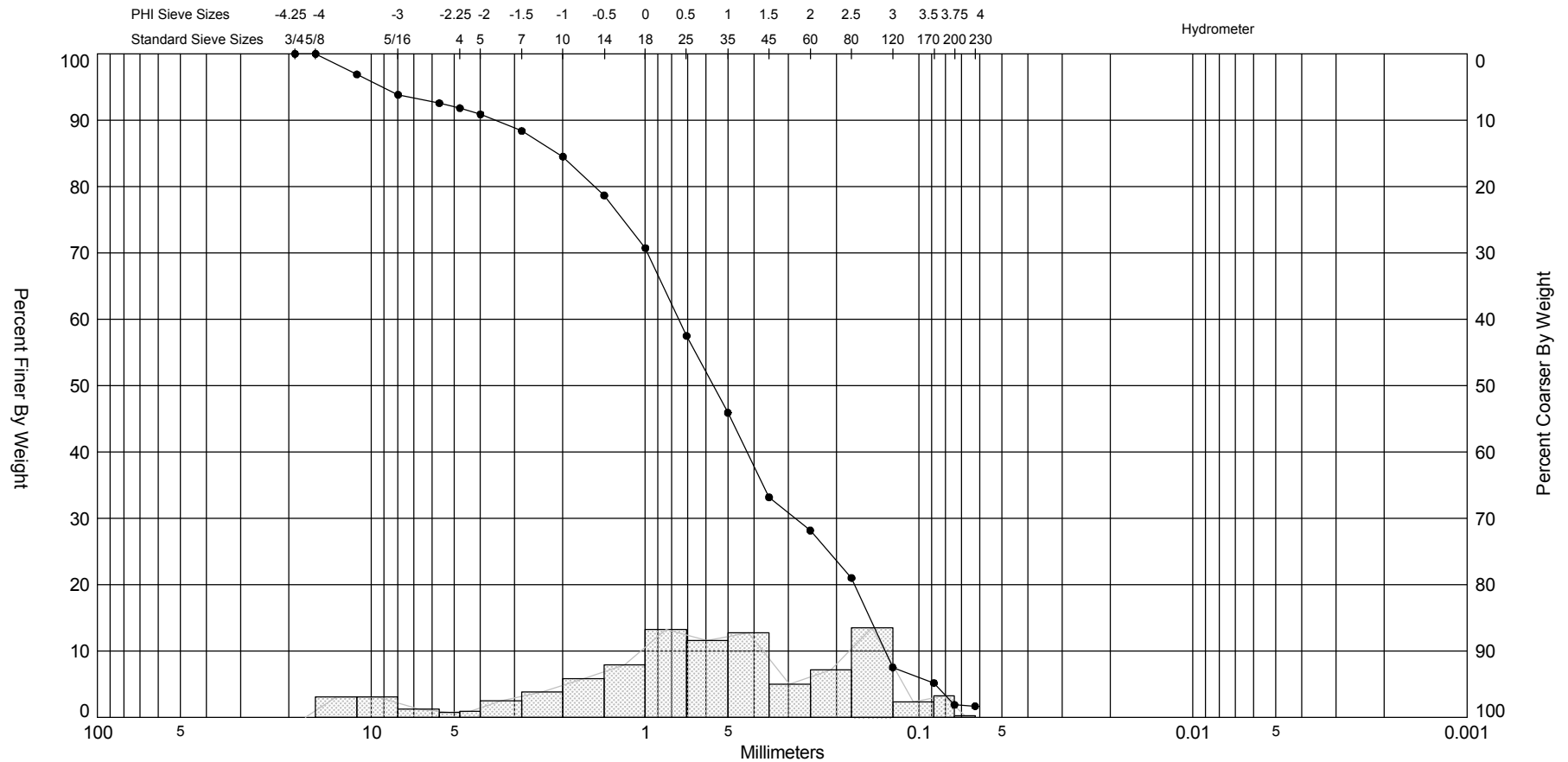



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: Reach 8 Geotechnical Investigation							
Sample Name: PBVC-05-12 #5							
Analysis Date: 03-17-05							
Analyzed By: CPE							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
972,893		826,711		Florida State Plane East		-33.4 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - 5Y-6/3 Dry - 5Y-6/2 Washed - 5Y-7/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
71.98	70.97	0.04	0.21	#200 - 1.89 #230 - 1.68		80.00	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	2.23	3.10	2.23	3.10	
5/16	-3.00	8.00	2.21	3.07	4.44	6.17	
3.5	-2.50	5.66	0.91	1.26	5.35	7.43	
4	-2.25	4.76	0.55	0.76	5.90	8.19	
5	-2.00	4.00	0.67	0.93	6.57	9.12	
7	-1.50	2.83	1.80	2.50	8.37	11.62	
10	-1.00	2.00	2.78	3.86	11.15	15.48	
14	-0.50	1.41	4.22	5.86	15.37	21.34	
18	0.00	1.00	5.72	7.95	21.09	29.29	
25	0.50	0.71	9.52	13.23	30.61	42.52	
35	1.00	0.50	8.33	11.57	38.94	54.09	
45	1.50	0.35	9.18	12.75	48.12	66.84	
60	2.00	0.25	3.60	5.00	51.72	71.84	
80	2.50	0.18	5.14	7.14	56.86	78.98	
120	3.00	0.13	9.71	13.49	66.57	92.47	
170	3.50	0.09	1.69	2.35	68.26	94.82	
200	3.75	0.07	2.37	3.29	70.63	98.11	
230	4.00	0.06	0.15	0.21	70.78	98.32	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.51	2.69	2.22	0.82	-0.27	-0.96	-3.19	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.67	0.63	1.8	-0.59	2.94		

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 #5	—●—	-33.4	SW	#200 - 1.89 #230 - 1.68		80.00	0.82	0.67	-0.59	2.94	1.8	Project Name:	Reach 8 Geotechnical Investigation
Comments:												Analysis Date:	03-17-05
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