
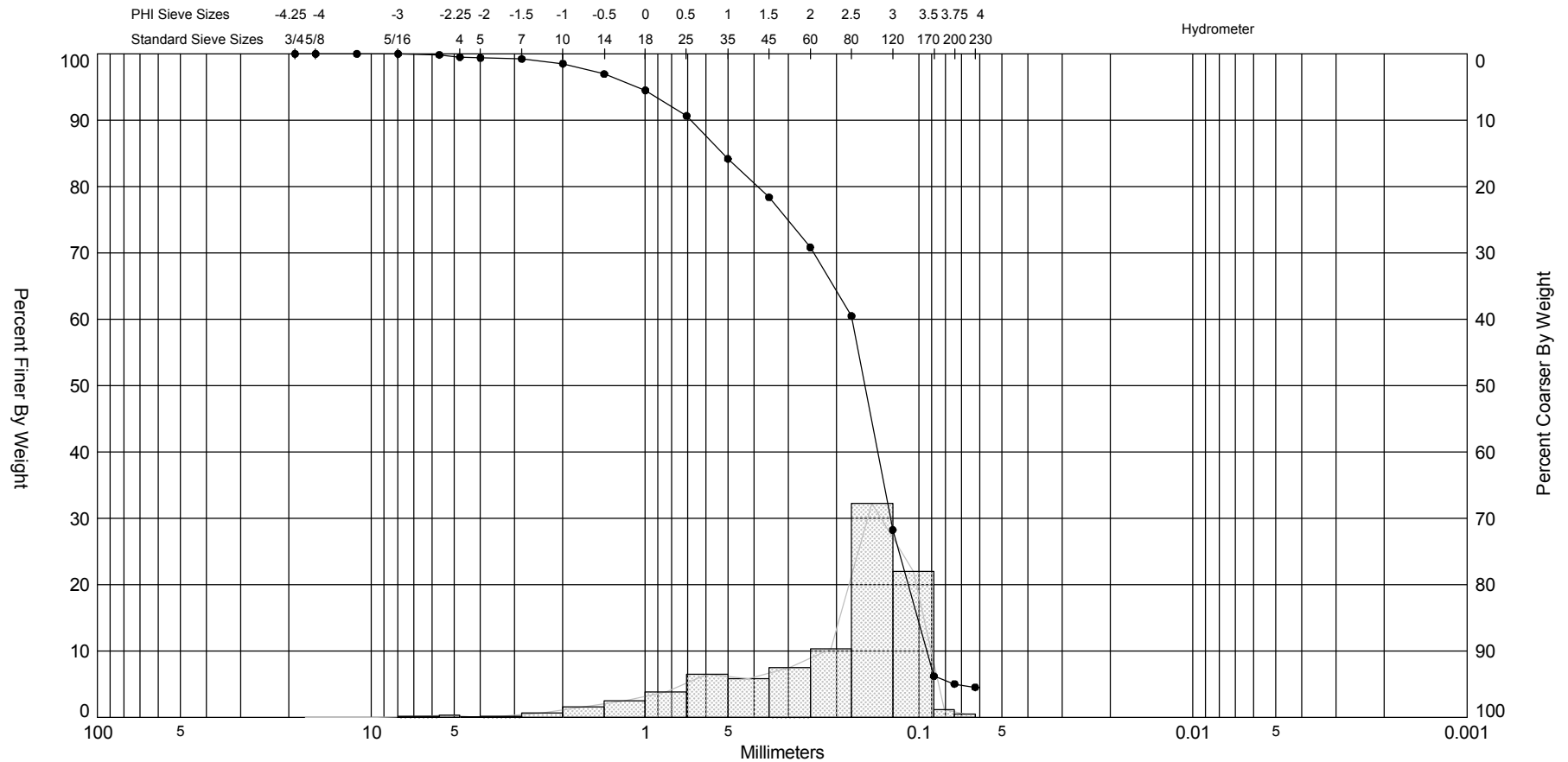



<b>Granularmetric Report</b> Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: Reach 8 Geotechnical Investigation							
Sample Name: PBVC-05-10 #6							
Analysis Date: 03-16-05							
Analyzed By: CPE							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
972,852		833,882		Florida State Plane East		-46.0 NAVD 88	
USCS:		Munsell:		Comments:			
SW-SM		Wet - 5Y-5/1 Dry - 5Y-7/1 Washed - 5Y-6/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
80.07	76.69	0.16	0.11	#200 - 5.04 #230 - 4.54			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	0.12	0.15	0.12	0.15	
4	-2.25	4.76	0.27	0.34	0.39	0.49	
5	-2.00	4.00	0.10	0.12	0.49	0.61	
7	-1.50	2.83	0.13	0.16	0.62	0.77	
10	-1.00	2.00	0.56	0.70	1.18	1.47	
14	-0.50	1.41	1.26	1.57	2.44	3.04	
18	0.00	1.00	1.97	2.46	4.41	5.50	
25	0.50	0.71	3.09	3.86	7.50	9.36	
35	1.00	0.50	5.17	6.46	12.67	15.82	
45	1.50	0.35	4.64	5.80	17.31	21.62	
60	2.00	0.25	6.04	7.54	23.35	29.16	
80	2.50	0.18	8.29	10.35	31.64	39.51	
120	3.00	0.13	25.82	32.25	57.46	71.76	
170	3.50	0.09	17.64	22.03	75.10	93.79	
200	3.75	0.07	0.94	1.17	76.04	94.96	
230	4.00	0.06	0.40	0.50	76.44	95.46	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.77	3.28	3.07	2.66	1.72	1.02	-0.10	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.22	0.21	1.15	-1.39	4.68		

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-05-10 #6	—●—	-46.0	SW-SM	#200 - 5.04 #230 - 4.54			2.66	2.22	-1.39	4.68	1.15	Project Name:	Reach 8 Geotechnical Investigation
Comments:												Analysis Date:	03-16-05
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):	972,852
												Northing (Y, ft):	833,882
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88