
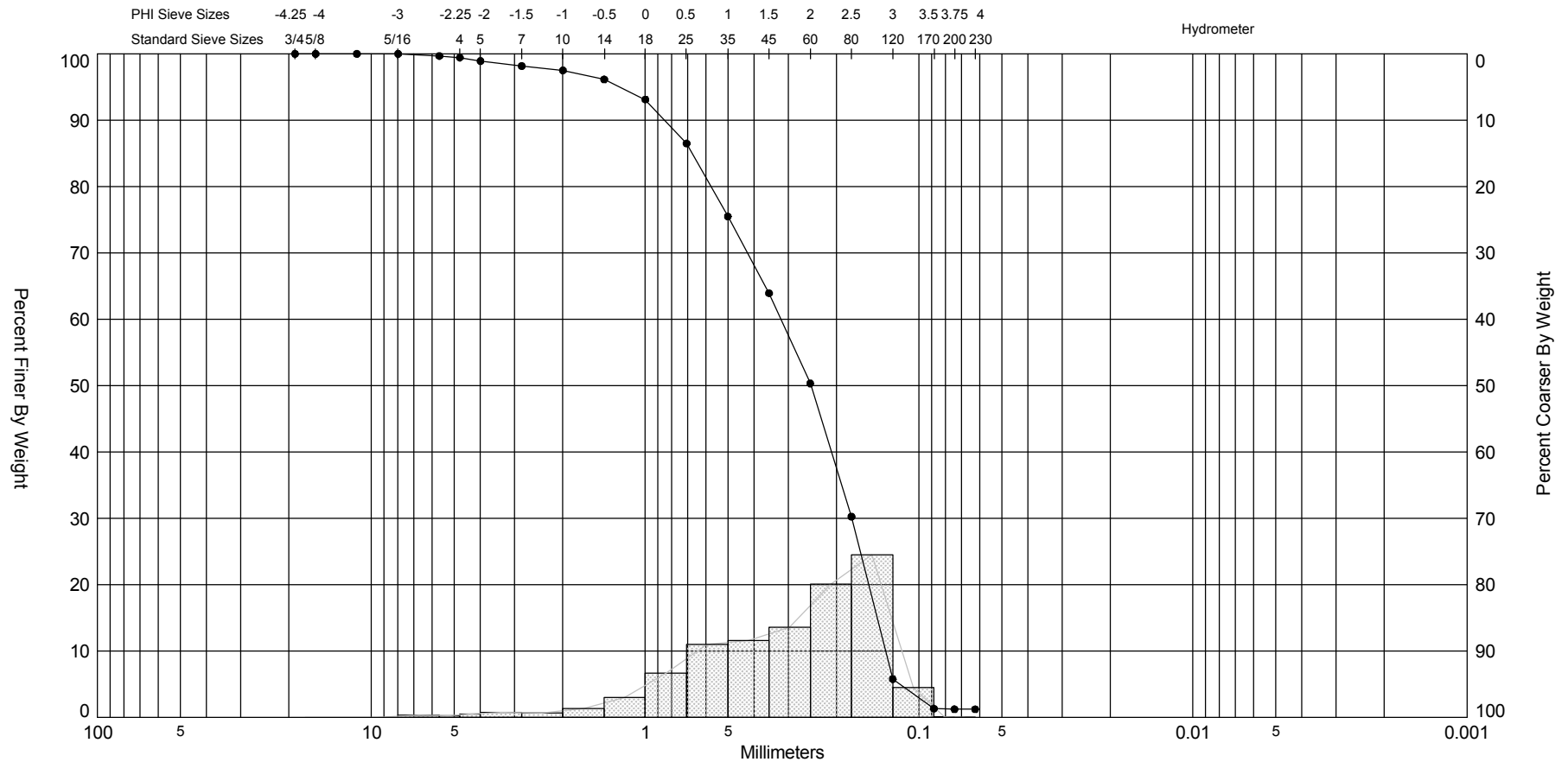



<h2 style="text-align: center;">Granularmetric Report</h2> <p style="text-align: center;">Depths and elevations based on measured values</p>				 <p style="text-align: center;"> Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 </p>			
Project Name: 2007 Sand Search Investigation							
Sample Name: TPVC-07-11 #5							
Analysis Date: 01-29-07							
Analyzed By: mc							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
972,457		822,632		Florida State Plane East		-32.4 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - 2.5Y-6/2 Dry - 2.5Y-6/2 Washed - 2.5Y-6/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
86.99	86.00	0.04	0.01	#200 - 1.22 #230 - 1.21		70.00	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	
7/16	-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	0.28	0.32	0.28	0.32	
4	-2.25	4.76	0.20	0.23	0.48	0.55	
5	-2.00	4.00	0.46	0.53	0.94	1.08	
7	-1.50	2.83	0.65	0.75	1.59	1.83	
10	-1.00	2.00	0.57	0.66	2.16	2.49	
14	-0.50	1.41	1.19	1.37	3.35	3.86	
18	0.00	1.00	2.63	3.02	5.98	6.88	
25	0.50	0.71	5.78	6.64	11.76	13.52	
35	1.00	0.50	9.57	11.00	21.33	24.52	
45	1.50	0.35	10.05	11.55	31.38	36.07	
60	2.00	0.25	11.82	13.59	43.20	49.66	
80	2.50	0.18	17.48	20.09	60.68	69.75	
120	3.00	0.13	21.29	24.47	81.97	94.22	
170	3.50	0.09	3.89	4.47	85.86	98.69	
200	3.75	0.07	0.08	0.09	85.94	98.78	
230	4.00	0.06	0.01	0.01	85.95	98.79	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.09	2.79	2.61	2.01	1.02	0.61	-0.31	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.71	0.31	1.11	-1.09	4.3		

SIEVE ANALYSIS TOPB_VC_07.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	
TPVC-07-11 #5	—●—	-32.4	SW	#200 - 1.22 #230 - 1.21		70.00	2.01	1.71	-1.09	4.3	1.11	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-29-07
Depths and elevations based on measured values												Analyzed By:	mc
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	972,457
												Northing (Y, ft):	822,632
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88