
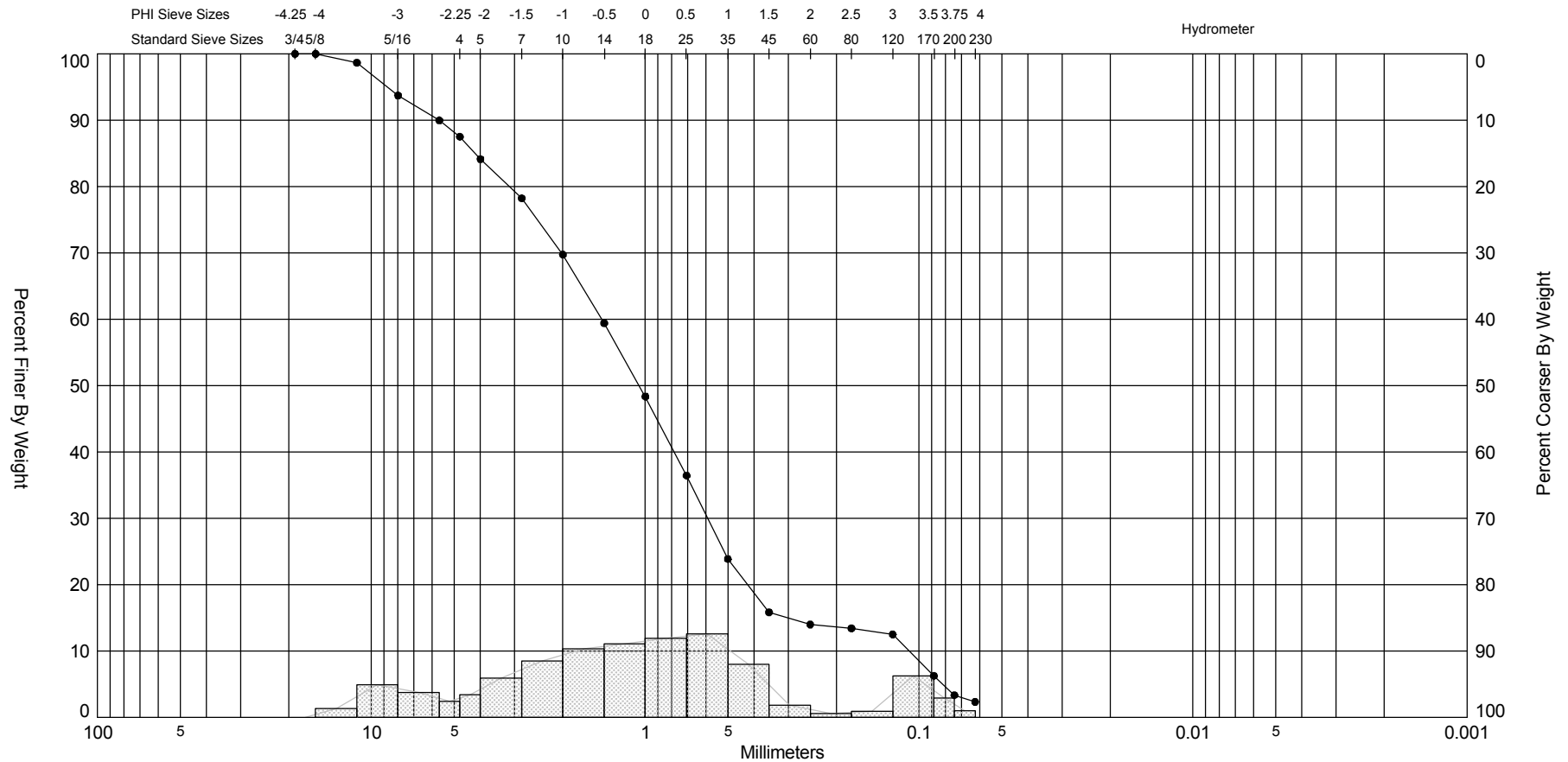



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Sand Search							
Sample Name: SLJP-06-09 #BOT							
Analysis Date: 03-13-06							
Analyzed By: AMS							
Easting (ft): 913,310		Northing (ft): 1,081,422		Coordinate System: Florida State Plane East		Elevation (ft):	
USCS: SW		Munsell: Wet - 5Y-5/1 Dry - 2.5Y-6/1 Washed - 5Y-6/1		Comments:			
Dry Weight (g): 107.42	Wash Weight (g): 105.22	Pan Retained (g): 0.25	Sieve Loss (%): 0.05	Fines (%): #200 - 3.35 #230 - 2.33	Organics (%):	Carbonates (%):	Shells (%): 22
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	1.44	1.34	1.44	1.34	
5/16"	-3.00	8.00	5.31	4.94	6.75	6.28	
3.5	-2.50	5.66	4.02	3.74	10.77	10.03	
4	-2.25	4.76	2.64	2.46	13.41	12.48	
5	-2.00	4.00	3.64	3.39	17.05	15.87	
7	-1.50	2.83	6.33	5.89	23.38	21.77	
10	-1.00	2.00	9.12	8.49	32.50	30.26	
14	-0.50	1.41	11.09	10.32	43.59	40.58	
18	0.00	1.00	11.88	11.06	55.47	51.64	
25	0.50	0.71	12.80	11.92	68.27	63.55	
35	1.00	0.50	13.51	12.58	81.78	76.13	
45	1.50	0.35	8.64	8.04	90.42	84.17	
60	2.00	0.25	1.96	1.82	92.38	86.00	
80	2.50	0.18	0.63	0.59	93.01	86.59	
120	3.00	0.13	0.97	0.90	93.98	87.49	
170	3.50	0.09	6.71	6.25	100.69	93.73	
200	3.75	0.07	3.13	2.91	103.82	96.65	
230	4.00	0.06	1.10	1.02	104.92	97.67	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.61	1.49	0.96	-0.07	-1.31	-1.99	-3.13	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.12	1.09	1.81	0.25	2.7		

SIEVE ANALYSIS ST. LUCIE JP.GPJ FL DEP ROSS.GDT 8/8/06



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	
SLJP-06-09 #BOT	—●—		SW	#200 - 3.35 #230 - 2.33				-0.12	0.25	2.7	1.81	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-13-06
Depths and elevations based on measured values												Analyzed By:	AMS
							Coastal Planning & Engineering						
							2481 NW Boca Raton Blvd, Boca Raton						
							FL 33431						
							ph (561) 391-8102						
							fax (561) 391-9116						
												Easting (X, ft):	913,310
												Northing (Y, ft):	1,081,422
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88