
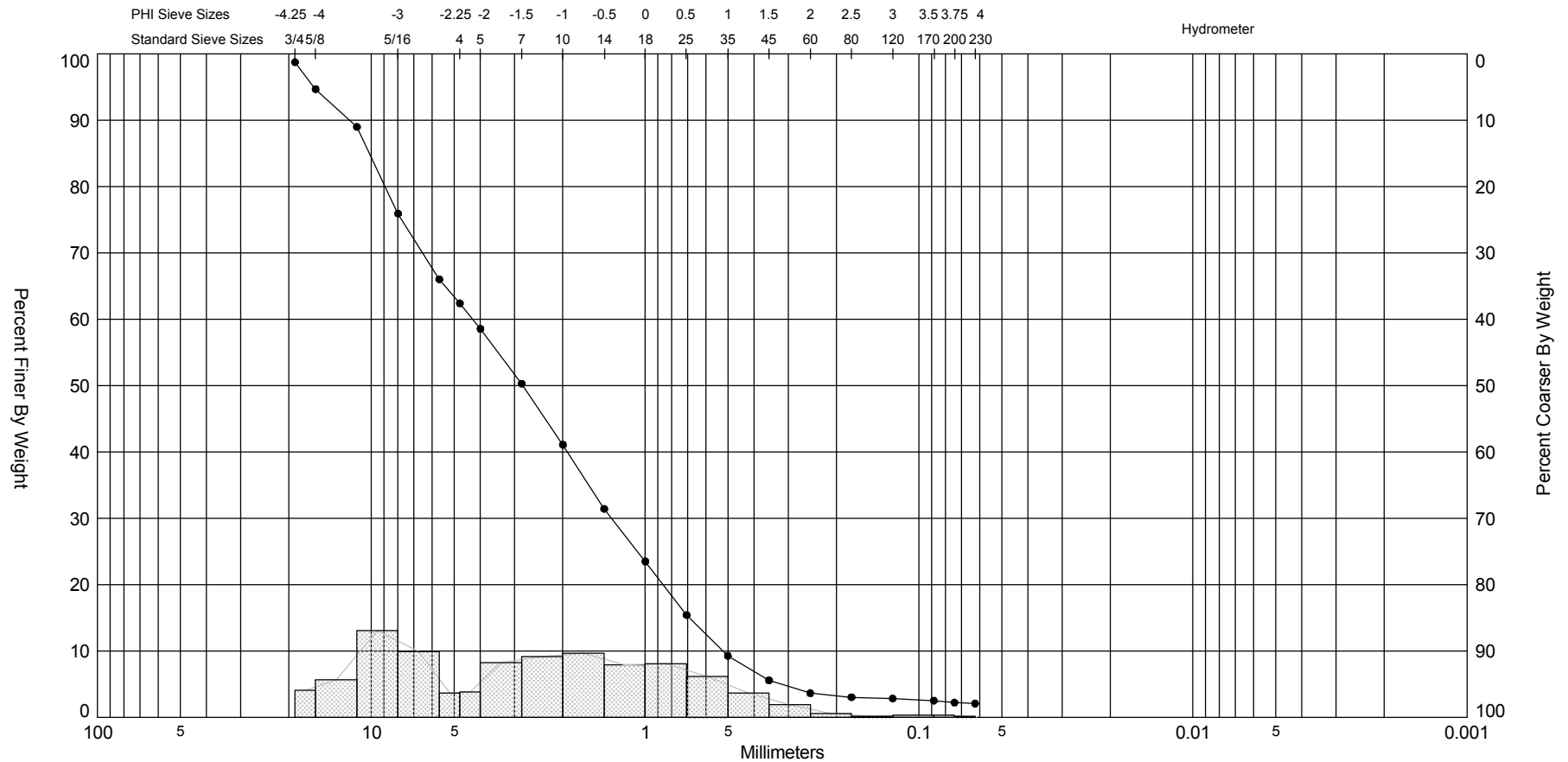



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Sand Search							
Sample Name: SLJP-06-06 #BOT							
Analysis Date: 03-13-06							
Analyzed By: AMS							
Easting (ft): 913,047		Northing (ft): 1,085,373		Coordinate System: Florida State Plane East		Elevation (ft):	
USCS: GW		Munsell: Wet - 5Y-4/2 Dry - 2.5Y-5/1 Washed - 5Y-6/1		Comments: SHELL 1.3"X1.1"			
Dry Weight (g): 90.48	Wash Weight (g): 88.60	Pan Retained (g): 0.01	Sieve Loss (%): 0.00	Fines (%): #200 - 2.22 #230 - 2.09	Organics (%):	Carbonates (%):	Shells (%): 50
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
3/4"	-4.25	19.03	1.14	1.26	1.14	1.26	
5/8"	-4.00	16.00	3.66	4.05	4.80	5.31	
7/16"	-3.50	11.31	5.16	5.70	9.96	11.01	
5/16"	-3.00	8.00	11.82	13.06	21.78	24.07	
3.5	-2.50	5.66	8.96	9.90	30.74	33.97	
4	-2.25	4.76	3.29	3.64	34.03	37.61	
5	-2.00	4.00	3.47	3.84	37.50	41.45	
7	-1.50	2.83	7.48	8.27	44.98	49.71	
10	-1.00	2.00	8.30	9.17	53.28	58.89	
14	-0.50	1.41	8.76	9.68	62.04	68.57	
18	0.00	1.00	7.19	7.95	69.23	76.51	
25	0.50	0.71	7.28	8.05	76.51	84.56	
35	1.00	0.50	5.57	6.16	82.08	90.72	
45	1.50	0.35	3.34	3.69	85.42	94.41	
60	2.00	0.25	1.77	1.96	87.19	96.36	
80	2.50	0.18	0.54	0.60	87.73	96.96	
120	3.00	0.13	0.17	0.19	87.90	97.15	
170	3.50	0.09	0.29	0.32	88.19	97.47	
200	3.75	0.07	0.28	0.31	88.47	97.78	
230	4.00	0.06	0.12	0.13	88.59	97.91	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
1.65	0.47	-0.10	-1.48	-2.95	-3.31	-4.02	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-1.45	2.73	1.67	0.33	2.39		

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-06-06 #BOT	—●—		GW	#200 - 2.22 #230 - 2.09				-1.45	0.33	2.39	1.67	Project Name:	St. Lucie Sand Search
Comments: SHELL 1.3"X1.1"												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):	913,047
												Northing (Y, ft):	1,085,373
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88