




<b>Granularmetric Report</b> Depths and elevations based on measured values				 <p>US Army Corps of Engineers                  701 San Marco Blvd.                  Jacksonville, Florida 32207                  Phone (904) 396-7121</p>			
Project Name: Sarasota SPP							
Sample Name: VB-SCV09-10 #0.5							
Analysis Date: 07-13-09							
Analyzed By:							
Easting (ft): <b>500,509</b>		Northing (ft): <b>949,564</b>		Coordinate System:		Elevation (ft): <b>-43.0 NAVD88</b>	
USCS: <b>SP</b>		Munsell: <b>Wet - 5Y 6/2</b>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): <b>#230 - 2.06</b>	Organics (%):	Carbonates (%): <b>5.20</b>	Shells (%): <b>30.00</b>
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
3/4"	-4.25	19.03		2.58		2.58	
3/8"	-3.25	9.48		2.11		4.69	
#3.5	-2.50	5.66		1.59		6.28	
#4	-2.25	4.75		0.45		6.73	
#5	-2.00	3.99		0.83		7.56	
#7	-1.50	2.82		2.47		10.03	
#10	-1.00	2.00		3.74		13.77	
#14	-0.50	1.41		10.49		24.26	
#18	0.00	1.00		11.58		35.84	
#25	0.50	0.71		14.12		49.96	
#35	1.00	0.50		13.75		63.71	
#45	1.50	0.35		9.42		73.13	
#60	2.00	0.25		7.86		80.99	
#80	2.50	0.18		9.11		90.10	
#120	3.00	0.13		5.54		95.64	
#170	3.50	0.09		1.57		97.21	
#200	3.75	0.07		0.43		97.64	
#230	4.00	0.06		0.30		97.94	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.94	2.16	1.61	0.50	-0.47	-0.89	-3.10	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.36	0.78	1.46	-0.16	3.28		

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Project Name: Sarasota SPP							
Sample Name: VB-SCV09-10 #0.6							
Analysis Date: 07-18-09							
Analyzed By:							
Easting (ft): <b>500,509</b>		Northing (ft): <b>949,564</b>		Coordinate System:		Elevation (ft): <b>-43.1 NAVD88</b>	
USCS: <b>SW</b>		Munsell: <b>Wet - 5Y 6/2</b>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): <b>#230 - 0.88</b>	Organics (%):	Carbonates (%):	Shells (%): <b>25.00</b>
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	
3/8"	-3.25	9.48		0.16		0.16	
#3.5	-2.50	5.66		0.91		1.07	
#4	-2.25	4.75		0.36		1.43	
#5	-2.00	3.99		0.76		2.19	
#7	-1.50	2.82		2.71		4.90	
#10	-1.00	2.00		3.89		8.79	
#14	-0.50	1.41		12.97		21.76	
#18	0.00	1.00		11.69		33.45	
#25	0.50	0.71		15.47		48.92	
#35	1.00	0.50		14.74		63.66	
#45	1.50	0.35		10.59		74.25	
#60	2.00	0.25		8.61		82.86	
#80	2.50	0.18		7.61		90.47	
#120	3.00	0.13		6.44		96.91	
#170	3.50	0.09		1.65		98.56	
#200	3.75	0.07		0.32		98.88	
#230	4.00	0.06		0.24		99.12	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.85	2.07	1.54	0.54	-0.36	-0.72	-1.49	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.58	0.67	1.3	-0.02	2.73		

<b>Granularmetric Report</b> Depths and elevations based on measured values				 US Army Corps of Engineers 701 San Marco Blvd. Jacksonville, Florida 32207 Phone (904) 396-7121		
Project Name: Sarasota SPP						
Sample Name: VB-SCV09-10 #2						
Analysis Date: 07-02-09						
Analyzed By:						
Easting (ft): <b>500,509</b>		Northing (ft): <b>949,564</b>		Coordinate System:		Elevation (ft): <b>-44.5 NAVD88</b>
USCS: <b>SM</b>		Munsell: <b>Wet - 5Y 6/2</b>		Comments:		
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%): Shells (%): <b>15.00</b>
				<b>#230 - 15.64</b>		
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
3/8"	-3.25	9.48		0.21		0.21
#3.5	-2.50	5.66		2.68		2.89
#4	-2.25	4.75		0.53		3.42
#5	-2.00	3.99		0.62		4.04
#7	-1.50	2.82		1.36		5.40
#10	-1.00	2.00		1.57		6.97
#14	-0.50	1.41		2.36		9.33
#18	0.00	1.00		2.73		12.06
#25	0.50	0.71		3.40		15.46
#35	1.00	0.50		4.77		20.23
#45	1.50	0.35		4.74		24.97
#60	2.00	0.25		5.92		30.89
#80	2.50	0.18		11.82		42.71
#120	3.00	0.13		26.12		68.83
#170	3.50	0.09		10.42		79.25
#200	3.75	0.07		3.30		82.55
#230	4.00	0.06		1.81		84.36
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.95	3.30	2.64	1.50	0.56	-1.64
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
Statistics	1.83	0.28	1.63	-1.37	4.21	