




Granularmetric Report 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-SCV09-07 #1							
Analysis Date: 07-13-09							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
497,927		950,088				-41.7 NAVD88	
USCS:		Munsell:		Comments:			
SW		Wet - 5Y 4/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
				#230 - 4.21		6.10	40.00
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		1.95		1.95	
#3.5	-2.50	5.66		3.15		5.10	
#4	-2.25	4.75		0.58		5.68	
#5	-2.00	3.99		0.58		6.26	
#7	-1.50	2.82		1.55		7.81	
#10	-1.00	2.00		2.01		9.82	
#14	-0.50	1.41		5.06		14.88	
#18	0.00	1.00		6.71		21.59	
#25	0.50	0.71		11.47		33.06	
#35	1.00	0.50		16.38		49.44	
#45	1.50	0.35		20.19		69.63	
#60	2.00	0.25		12.30		81.93	
#80	2.50	0.18		8.32		90.25	
#120	3.00	0.13		3.67		93.92	
#170	3.50	0.09		1.00		94.92	
#200	3.75	0.07		0.40		95.32	
#230	4.00	0.06		0.47		95.79	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.55	2.12	1.71	1.01	0.15	-0.42	-2.52	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.7	0.62	1.42	-1.03	4.39		

Granularmetric Report 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-SCV09-07 #1.1							
Analysis Date: 07-18-09							
Analyzed By:							
Easting (ft): 497,927		Northing (ft): 950,088		Coordinate System:		Elevation (ft): -41.8 NAVD88	
USCS: SW		Munsell: Wet - 5Y 4/2		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 0.04	Organics (%):	Carbonates (%):	Shells (%): 30.00
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		0.94		0.94	
#3.5	-2.50	5.66		0.98		1.92	
#4	-2.25	4.75		0.42		2.34	
#5	-2.00	3.99		0.76		3.10	
#7	-1.50	2.82		1.34		4.44	
#10	-1.00	2.00		1.96		6.40	
#14	-0.50	1.41		6.28		12.68	
#18	0.00	1.00		6.02		18.70	
#25	0.50	0.71		11.81		30.51	
#35	1.00	0.50		17.73		48.24	
#45	1.50	0.35		17.81		66.05	
#60	2.00	0.25		21.58		87.63	
#80	2.50	0.18		7.08		94.71	
#120	3.00	0.13		3.24		97.95	
#170	3.50	0.09		1.22		99.17	
#200	3.75	0.07		0.37		99.54	
#230	4.00	0.06		0.42		99.96	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.54	1.91	1.70	1.05	0.27	-0.22	-1.36	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.88	0.54	1.22	-0.95	4.77		

Granularmetric Report 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-SCV09-07 #2							
Analysis Date: 07-09-09							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
497,927		950,088				-42.7 NAVD88	
USCS:		Munsell:		Comments:			
SM		Wet - 5Y 6/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			#230 - 14.71				25.00
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		2.17		2.17	
#3.5	-2.50	5.66		1.30		3.47	
#4	-2.25	4.75		0.40		3.87	
#5	-2.00	3.99		0.85		4.72	
#7	-1.50	2.82		1.31		6.03	
#10	-1.00	2.00		2.32		8.35	
#14	-0.50	1.41		6.30		14.65	
#18	0.00	1.00		4.82		19.47	
#25	0.50	0.71		8.23		27.70	
#35	1.00	0.50		10.13		37.83	
#45	1.50	0.35		9.79		47.62	
#60	2.00	0.25		10.44		58.06	
#80	2.50	0.18		8.68		66.74	
#120	3.00	0.13		8.45		75.19	
#170	3.50	0.09		5.24		80.43	
#200	3.75	0.07		2.55		82.98	
#230	4.00	0.06		2.31		85.29	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.86	2.99	1.61	0.34	-0.36	-1.89	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.08	0.47	1.69	-0.69	3.36		