




GRANULARMETRIC REPORT SARASOTA\_ALL\_VC\_GINT\_FDEP.GPJ FL DEP ROSS.GDT 11/22/13

<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-SCV10-56 #2							
Analysis Date: 05-16-10							
Analyzed By:							
Easting (ft): 495,806.023		Northing (ft): 943,716.965		Coordinate System:		Elevation (ft): -37.1 NAVD88	
USCS: SW		Munsell: Wet - 10YR 5/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 1.17	Organics (%):	Carbonates (%): 66.40	Shells (%): 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		1.19		1.19	
#3.5	-2.50	5.66		1.00		2.19	
#4	-2.25	4.75		0.00		2.19	
#5	-2.00	3.99		0.52		2.71	
#7	-1.50	2.82		0.89		3.60	
#10	-1.00	2.00		1.52		5.12	
#14	-0.50	1.41		3.51		8.63	
#18	0.00	1.00		6.94		15.57	
#25	0.50	0.71		12.94		28.51	
#35	1.00	0.50		17.99		46.50	
#45	1.50	0.35		18.99		65.49	
#60	2.00	0.25		17.50		82.99	
#80	2.50	0.18		9.67		92.66	
#120	3.00	0.13		5.07		97.73	
#170	3.50	0.09		0.96		98.69	
#200	3.75	0.07		0.09		98.78	
#230	4.00	0.06		0.05		98.83	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.73	2.05	1.77	1.09	0.36	0.02	-1.04	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.95	0.52	1.18	-1.14	5.64		


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Project Name: Sarasota SPP							
Sample Name: VB-SCV10-56 #2.001							
Analysis Date: 10-08-10							
Analyzed By:							
Easting (ft): <b>495,806.023</b>		Northing (ft): <b>943,716.965</b>		Coordinate System:		Elevation (ft): <b>-37.1 NAVD88</b>	
USCS: <b>SP</b>		Munsell: <b>Wet - 10YR 7/1</b>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): <b>#230 - 0.00</b>	Organics (%):	Carbonates (%):	Shells (%):
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
#14	-0.50	1.41		0.00		0.00	
#18	0.00	1.00		0.09		0.09	
#25	0.50	0.71		0.21		0.30	
#35	1.00	0.50		0.60		0.90	
#45	1.50	0.35		9.57		10.47	
#60	2.00	0.25		27.44		37.91	
#80	2.50	0.18		34.48		72.39	
#120	3.00	0.13		22.23		94.62	
#170	3.50	0.09		4.70		99.32	
#200	3.75	0.07		0.55		99.87	
#230	4.00	0.06		0.13		100.00	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.04	2.76	2.56	2.17	1.76	1.60	1.21	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.17	0.22	0.55	-0.08	3.12		

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Project Name: Sarasota SPP							
Sample Name: VB-SCV10-56 #7							
Analysis Date: 05-16-10							
Analyzed By:							
Easting (ft): <b>495,806.023</b>		Northing (ft): <b>943,716.965</b>		Coordinate System:		Elevation (ft): <b>-42.1 NAVD88</b>	
USCS: <b>SW</b>		Munsell: <b>Wet - 10YR 5/1</b>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): <b>#230 - 2.23</b>	Organics (%):	Carbonates (%):	Shells (%): <b>34.00</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		3.65		3.65	
#3.5	-2.50	5.66		0.25		3.90	
#4	-2.25	4.75		0.00		3.90	
#5	-2.00	3.99		0.40		4.30	
#7	-1.50	2.82		0.58		4.88	
#10	-1.00	2.00		0.73		5.61	
#14	-0.50	1.41		1.13		6.74	
#18	0.00	1.00		2.72		9.46	
#25	0.50	0.71		5.72		15.18	
#35	1.00	0.50		10.44		25.62	
#45	1.50	0.35		17.10		42.72	
#60	2.00	0.25		15.33		58.05	
#80	2.50	0.18		15.03		73.08	
#120	3.00	0.13		18.78		91.86	
#170	3.50	0.09		5.21		97.07	
#200	3.75	0.07		0.36		97.43	
#230	4.00	0.06		0.34		97.77	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.30	2.79	2.55	1.73	0.97	0.54	-1.42	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.47	0.36	1.47	-1.77	6.98		

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Project Name: Sarasota SPP							
Sample Name: VB-SCV10-56 #9							
Analysis Date: 05-16-10							
Analyzed By:							
Easting (ft): 495,806.023		Northing (ft): 943,716.965		Coordinate System:		Elevation (ft): -44.1 NAVD88	
USCS: SM		Munsell: Wet - 10YR 7/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			#230 - 27.84				10.00
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
3/8"	-3.25	9.48		0.00		0.00	
#3.5	-2.50	5.66		0.40		0.40	
#4	-2.25	4.75		0.00		0.40	
#5	-2.00	3.99		0.16		0.56	
#7	-1.50	2.82		0.84		1.40	
#10	-1.00	2.00		0.55		1.95	
#14	-0.50	1.41		1.41		3.36	
#18	0.00	1.00		1.65		5.01	
#25	0.50	0.71		2.05		7.06	
#35	1.00	0.50		1.95		9.01	
#45	1.50	0.35		2.95		11.96	
#60	2.00	0.25		4.61		16.57	
#80	2.50	0.18		16.93		33.50	
#120	3.00	0.13		10.34		43.84	
#170	3.50	0.09		14.83		58.67	
#200	3.75	0.07		6.86		65.53	
#230	4.00	0.06		6.63		72.16	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
			3.21	2.25	1.93	0.00	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.41	0.19	1.29	-1.49	5.4		