



GRANULARMETRIC REPORT SARASOTA_ALL_VC_GINT_FDEP.GPJ FL DEP ROSS.GDT 8/2/13

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-SCV09-12 #0.5							
Analysis Date: 07-02-09							
Analyzed By:							
Easting (ft): 489,855		Northing (ft): 948,042		Coordinate System:		Elevation (ft): -44.3 NAVD88	
USCS: SM		Munsell: Wet - 5Y 6/2		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			#230 - 19.67				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		0.26		0.26	
#4	-2.25	4.75		0.01		0.27	
#5	-2.00	3.99		0.16		0.43	
#7	-1.50	2.82		0.40		0.83	
#10	-1.00	2.00		0.50		1.33	
#14	-0.50	1.41		0.90		2.23	
#18	0.00	1.00		1.15		3.38	
#25	0.50	0.71		1.74		5.12	
#35	1.00	0.50		3.10		8.22	
#45	1.50	0.35		3.64		11.86	
#60	2.00	0.25		4.72		16.58	
#80	2.50	0.18		5.45		22.03	
#120	3.00	0.13		26.68		48.71	
#170	3.50	0.09		18.87		67.58	
#200	3.75	0.07		8.15		75.73	
#230	4.00	0.06		4.60		80.33	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.73	3.03	2.56	1.93	0.46	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.57	0.17	1.12	-1.79	6.73		

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Project Name: Sarasota SPP							
Sample Name: VB-SCV09-12 #2							
Analysis Date: 07-02-09							
Analyzed By:							
Easting (ft): 489,855		Northing (ft): 948,042		Coordinate System:		Elevation (ft): -45.8 NAVD88	
USCS: SW		Munsell: Wet - 5Y 4/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 3.80	Organics (%):	Carbonates (%):	Shells (%): 40.00
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
#3.5	-2.50	5.66		0.00		0.00	
#4	-2.25	4.75		0.18		0.18	
#5	-2.00	3.99		0.19		0.37	
#7	-1.50	2.82		0.65		1.02	
#10	-1.00	2.00		0.81		1.83	
#14	-0.50	1.41		1.87		3.70	
#18	0.00	1.00		2.95		6.65	
#25	0.50	0.71		6.38		13.03	
#35	1.00	0.50		13.85		26.88	
#45	1.50	0.35		21.28		48.16	
#60	2.00	0.25		25.85		74.01	
#80	2.50	0.18		11.29		85.30	
#120	3.00	0.13		8.02		93.32	
#170	3.50	0.09		2.04		95.36	
#200	3.75	0.07		0.52		95.88	
#230	4.00	0.06		0.32		96.20	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.41	2.44	2.04	1.53	0.93	0.61	-0.28	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.41	0.38	0.94	-0.62	4.28		