



GRANULARMETRIC REPORT SARASOTA_ALL_VC_GINT_FDEP.GPJ FL DEP ROSS.GDT 11/22/13

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-SCV10-55 #2							
Analysis Date: 05-16-10							
Analyzed By:							
Easting (ft): 495,133.184		Northing (ft): 943,858.936		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 - 0.43	Organics (%):	Carbonates (%): 71.00	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		1.97		1.97	
#3.5	-2.50	5.66		0.62		2.59	
#4	-2.25	4.75		0.20		2.79	
#5	-2.00	3.99		0.17		2.96	
#7	-1.50	2.82		1.24		4.20	
#10	-1.00	2.00		1.94		6.14	
#14	-0.50	1.41		3.79		9.93	
#18	0.00	1.00		7.93		17.86	
#25	0.50	0.71		14.04		31.90	
#35	1.00	0.50		14.10		46.00	
#45	1.50	0.35		24.59		70.59	
#60	2.00	0.25		15.68		86.27	
#80	2.50	0.18		8.69		94.96	
#120	3.00	0.13		3.89		98.85	
#170	3.50	0.09		0.64		99.49	
#200	3.75	0.07		0.03		99.52	
#230	4.00	0.06		0.05		99.57	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.51	1.92	1.64	1.08	0.25	-0.12	-1.29	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.86	0.55	1.22	-1.3	5.96		

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Project Name: Sarasota SPP							
Sample Name: VB-SCV10-55 #6							
Analysis Date: 05-16-10							
Analyzed By:							
Easting (ft): 495,133.184		Northing (ft): 943,858.936		Coordinate System:		Elevation (ft): -41.1 NAVD88	
USCS: SW		Munsell: Wet - 10YR 6/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 2.85	Organics (%):	Carbonates (%):	Shells (%): 34.00
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		0.30		0.30	
#3.5	-2.50	5.66		0.00		0.30	
#4	-2.25	4.75		0.03		0.33	
#5	-2.00	3.99		0.52		0.85	
#7	-1.50	2.82		0.83		1.68	
#10	-1.00	2.00		1.45		3.13	
#14	-0.50	1.41		3.19		6.32	
#18	0.00	1.00		6.75		13.07	
#25	0.50	0.71		11.26		24.33	
#35	1.00	0.50		13.69		38.02	
#45	1.50	0.35		16.98		55.00	
#60	2.00	0.25		14.69		69.69	
#80	2.50	0.18		17.23		86.92	
#120	3.00	0.13		7.39		94.31	
#170	3.50	0.09		1.88		96.19	
#200	3.75	0.07		0.52		96.71	
#230	4.00	0.06		0.44		97.15	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.18	2.41	2.15	1.35	0.52	0.13	-0.71	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.22	0.43	1.13	-0.59	3.77		

Depths and elevations based on measured values



Analyzed By:

-44.1 NAVD88

Comments:

Shells (%):

28.00

C. % Weight Retained

0.00

0.86

1.36

1.88

3.03

4.32

6.00

8.56

12.52

17.74

29.36

45.63

68.91

91.27

95.79

96.39

96.78


Phi 95

-0.80

Kurtosis

5.55

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Project Name: Sarasota SPP							
Sample Name: VB-SCV10-55 #12							
Analysis Date: 05-16-10							
Analyzed By:							
Easting (ft): 495,133.184		Northing (ft): 943,858.936		Coordinate System:		Elevation (ft): -47.1 NAVD88	
USCS: SM		Munsell: Wet - 10YR 6/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			#230 - 16.80				21.00
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		2.99		2.99	
#4	-2.25	4.75		0.30		3.29	
#5	-2.00	3.99		0.00		3.29	
#7	-1.50	2.82		0.71		4.00	
#10	-1.00	2.00		1.07		5.07	
#14	-0.50	1.41		1.54		6.61	
#18	0.00	1.00		1.50		8.11	
#25	0.50	0.71		1.68		9.79	
#35	1.00	0.50		1.66		11.45	
#45	1.50	0.35		2.43		13.88	
#60	2.00	0.25		3.41		17.29	
#80	2.50	0.18		8.24		25.53	
#120	3.00	0.13		19.44		44.97	
#170	3.50	0.09		24.74		69.71	
#200	3.75	0.07		6.45		76.16	
#230	4.00	0.06		7.04		83.20	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.70	3.10	2.47	1.81	-1.03	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.41	0.19	1.57	-1.97	6.41		