


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				  US Army Corps of Engineers 701 San Marco Blvd. Jacksonville, Florida 32207 Phone (904) 396-7121			
Project Name: Sarasota SPP							
Sample Name: VB-SCV10-60 #2							
Analysis Date: 09-18-10							
Analyzed By:							
Easting (ft): <b>487,980.369</b>		Northing (ft): <b>946,341.246</b>		Coordinate System:		Elevation (ft): <b>-46.7 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 - 3.86</b>	Organics (%):	Carbonates (%):	Shells (%): <b>35.00</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		3.69		3.69	
#3.5	-2.50	5.66		0.29		3.98	
#4	-2.25	4.75		0.33		4.31	
#5	-2.00	3.99		0.30		4.61	
#7	-1.50	2.82		1.07		5.68	
#10	-1.00	2.00		2.01		7.69	
#14	-0.50	1.41		4.29		11.98	
#18	0.00	1.00		8.09		20.07	
#25	0.50	0.71		13.11		33.18	
#35	1.00	0.50		14.48		47.66	
#45	1.50	0.35		12.75		60.41	
#60	2.00	0.25		7.56		67.97	
#80	2.50	0.18		7.73		75.70	
#120	3.00	0.13		12.05		87.75	
#170	3.50	0.09		6.80		94.55	
#200	3.75	0.07		0.86		95.41	
#230	4.00	0.06		0.73		96.14	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.63	2.84	2.45	1.09	0.19	-0.25	-1.81	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1	0.50	1.6	-0.83	4.08		

Depths and elevations based on measured values



Analyzed By:

-48.7 NAVD88

Comments:

Shells (%):

12.00

C. % Weight Retained

0.00

0.26

0.56

1.21

2.31

4.40

7.72

11.98

14.93

18.21

23.43

35.98

60.58

72.09

81.24


Phi 95

0.09

## Kurtosis

### 4.3

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<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-SCV10-60 #7							
Analysis Date: 09-08-10							
Analyzed By:							
Easting (ft): <b>487,980.369</b>		Northing (ft): <b>946,341.246</b>		Coordinate System:		Elevation (ft): <b>-51.7 NAVD88</b>	
USCS: <b>SM</b>		Munsell: <b>Wet - 10YR 7/1</b>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			<b>#230 - 14.70</b>				<b>0.00</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		38.22		38.22	
3/8"	-3.25	9.48		2.15		40.37	
#3.5	-2.50	5.66		4.51		44.88	
#4	-2.25	4.75		1.52		46.40	
#5	-2.00	3.99		1.17		47.57	
#7	-1.50	2.82		2.99		50.56	
#10	-1.00	2.00		2.92		53.48	
#14	-0.50	1.41		2.66		56.14	
#18	0.00	1.00		2.32		58.46	
#25	0.50	0.71		1.83		60.29	
#35	1.00	0.50		1.92		62.21	
#45	1.50	0.35		1.90		64.11	
#60	2.00	0.25		2.66		66.77	
#80	2.50	0.18		3.28		70.05	
#120	3.00	0.13		5.67		75.72	
#170	3.50	0.09		6.39		82.11	
#200	3.75	0.07		2.13		84.24	
#230	4.00	0.06		1.06		85.30	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.72	2.94	-1.59				
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-1.83	3.56	2.5	1.78	3.45		