


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-SCV10-51 #2							
Analysis Date: 05-16-10							
Analyzed By:							
Easting (ft): <b>495,630.754</b>		Northing (ft): <b>948,909.877</b>		Coordinate System:		Elevation (ft): <b>-39.8 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 - 0.84</b>	Organics (%):	Carbonates (%):	Shells (%): <b>37.00</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		4.57		4.57	
#3.5	-2.50	5.66		1.15		5.72	
#4	-2.25	4.75		0.14		5.86	
#5	-2.00	3.99		0.72		6.58	
#7	-1.50	2.82		1.60		8.18	
#10	-1.00	2.00		2.33		10.51	
#14	-0.50	1.41		4.41		14.92	
#18	0.00	1.00		8.88		23.80	
#25	0.50	0.71		13.72		37.52	
#35	1.00	0.50		14.49		52.01	
#45	1.50	0.35		14.98		66.99	
#60	2.00	0.25		12.12		79.11	
#80	2.50	0.18		14.79		93.90	
#120	3.00	0.13		2.51		96.41	
#170	3.50	0.09		2.38		98.79	
#200	3.75	0.07		0.18		98.97	
#230	4.00	0.06		0.19		99.16	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.72	2.16	1.83	0.93	0.04	-0.44	-2.97	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.7	0.62	1.53	-1.11	4.44		

Depths and elevations based on measured values



Analyzed By:

-41.8 NAVD88

Comments:

Shells (%):

14.00

C. % Weight Retained

0.00

0.03

0.03

0.52

1.13

2.41

4.98

9.21

13.70

14.66

29.45

62.53

90.59

95.00

96.64

Phi 95

0.50

## Kurtosis

5.7

Depths and elevations based on measured values



Analyzed By:

-43.8 NAVD88

Comments:

Shells (%):

9.00

C. % Weight Retained

0.00

0.96

0.96

0.97

1.63

2.58

4.08

5.83

7.87

9.38

11.44

12.78

15.59

27.17

53.78

62.30

72.19

Phi 95

-0.24

## Kurtosis

## 6.5