

Depths and elevations based on measured values



Analyzed By:

-36.9 NAVD88

Comments:

Shells (%):

42.00

C. % Weight Retained

0.00

0.22

0.35

0.99

2.45

5.64

12.48

24.76

40.21

56.77

78.45

91.26

97.44

98.54

98.68

98.85


Phi 95

-0.60

## Kurtosis

3.08

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-SCV10-50 #6							
Analysis Date: 09-15-10							
Analyzed By:							
Easting (ft): <b>494,694.837</b>		Northing (ft): <b>949,792.036</b>		Coordinate System:		Elevation (ft): <b>-40.9 NAVD88</b>	
USCS: <b>SW</b>		Munsell: <b>Wet - 10YR 4/1</b>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): <b>#230 - 1.73</b>	Organics (%):	Carbonates (%):	Shells (%): <b>39.00</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		6.66		6.66	
#3.5	-2.50	5.66		2.97		9.63	
#4	-2.25	4.75		0.14		9.77	
#5	-2.00	3.99		0.76		10.53	
#7	-1.50	2.82		1.05		11.58	
#10	-1.00	2.00		1.37		12.95	
#14	-0.50	1.41		2.45		15.40	
#18	0.00	1.00		4.64		20.04	
#25	0.50	0.71		7.30		27.34	
#35	1.00	0.50		9.18		36.52	
#45	1.50	0.35		11.72		48.24	
#60	2.00	0.25		14.60		62.84	
#80	2.50	0.18		15.11		77.95	
#120	3.00	0.13		15.01		92.96	
#170	3.50	0.09		4.58		97.54	
#200	3.75	0.07		0.40		97.94	
#230	4.00	0.06		0.33		98.27	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.22	2.70	2.40	1.56	0.34	-0.44	-3.50	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.01	0.50	1.87	-1.25	3.85		

Depths and elevations based on measured values



Analyzed By:

-42.9 NAVD88

Comments:

Shells (%):

22.00

C. % Weight Retained

0.00

0.42

0.42

0.92

1.71

2.60

4.56

9.21

15.88

22.52

27.69

33.54

42.36

70.46

87.15

91.03


93.65

Phi 95

-0.45

## Kurtosis

3.43

<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-SCV10-50 #10							
Analysis Date: 09-15-10							
Analyzed By:							
Easting (ft): <b>494,694.837</b>		Northing (ft): <b>949,792.036</b>		Coordinate System:		Elevation (ft): <b>-44.9 NAVD88</b>	
USCS: <b>SM</b>		Munsell: <b>Wet - 10YR 5/1</b>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			<b>#230 - 16.22</b>				<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		6.88		6.88	
#3.5	-2.50	5.66		4.41		11.29	
#4	-2.25	4.75		0.13		11.42	
#5	-2.00	3.99		0.75		12.17	
#7	-1.50	2.82		2.16		14.33	
#10	-1.00	2.00		2.33		16.66	
#14	-0.50	1.41		3.96		20.62	
#18	0.00	1.00		4.97		25.59	
#25	0.50	0.71		6.40		31.99	
#35	1.00	0.50		5.96		37.95	
#45	1.50	0.35		5.23		43.18	
#60	2.00	0.25		3.65		46.83	
#80	2.50	0.18		5.95		52.78	
#120	3.00	0.13		11.51		64.29	
#170	3.50	0.09		10.74		75.03	
#200	3.75	0.07		4.14		79.17	
#230	4.00	0.06		4.61		83.78	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.50	2.26	-0.06	-1.14	-3.52	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.96	0.51	2.32	-0.66	2.32		