

Depths and elevations based on measured values



Analyzed By:

Elevation (ft):

-41.1 NAVD88

Comments:

Wet - 5Y 4/2

Shells (%):

20.00

C. % Weight Retained

0.00

0.20

0.28

0.51

1.04

1.96

5.41

8.21

16.18

28.55

44.46

65.46

83.44

96.00

97.82

98.07

98.24


Phi 95

-0.56

Kurtosis

3.79

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-SCV09-18 #0.6							
Analysis Date: 07-18-09							
Analyzed By:							
Easting (ft): 493,090		Northing (ft): 944,939		Coordinate System:		Elevation (ft): -41.2 NAVD88	
USCS: SW		Munsell: Wet - 5Y 4/2		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 0.62	Organics (%):	Carbonates (%):	Shells (%): 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		0.08		0.08	
#4	-2.25	4.75		0.03		0.11	
#5	-2.00	3.99		0.21		0.32	
#7	-1.50	2.82		0.55		0.87	
#10	-1.00	2.00		0.90		1.77	
#14	-0.50	1.41		2.98		4.75	
#18	0.00	1.00		3.41		8.16	
#25	0.50	0.71		7.45		15.61	
#35	1.00	0.50		12.77		28.38	
#45	1.50	0.35		15.87		44.25	
#60	2.00	0.25		23.16		67.41	
#80	2.50	0.18		20.42		87.83	
#120	3.00	0.13		9.69		97.52	
#170	3.50	0.09		1.47		98.99	
#200	3.75	0.07		0.23		99.22	
#230	4.00	0.06		0.16		99.38	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.87	2.41	2.18	1.62	0.87	0.51	-0.46	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.45	0.37	0.99	-0.78	3.74		

Depths and elevations based on measured values



Analyzed By:

Elevation (ft):

-43.1 NAVD88

Comments:

Wet - 5Y 4/2

Shells (%):

20.00

C. % Weight Retained

0.00

0.32

0.48

0.60

1.07

1.85

3.53

6.29

12.26

22.73

37.35

61.11

84.10

96.23

97.81

98.18


98.36

Phi 95

-0.23

Kurtosis

5.02

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-SCV09-18 #4							
Analysis Date: 07-07-09							
Analyzed By:							
Easting (ft): <div style="text-align: center;">493,090</div>		Northing (ft): <div style="text-align: center;">944,939</div>		Coordinate System:		Elevation (ft): <div style="text-align: center;">-44.6 NAVD88</div>	
USCS: <div style="text-align: center;">SP-SM</div>		Munsell: <div style="text-align: center;">Wet - 5Y 7/1</div>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): <div style="text-align: center;">#230 - 6.24</div>	Organics (%):	Carbonates (%):	Shells (%): <div style="text-align: center;">25.00</div>
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		0.18		0.18	
#4	-2.25	4.75		0.26		0.44	
#5	-2.00	3.99		0.64		1.08	
#7	-1.50	2.82		1.25		2.33	
#10	-1.00	2.00		1.65		3.98	
#14	-0.50	1.41		2.47		6.45	
#18	0.00	1.00		2.31		8.76	
#25	0.50	0.71		4.23		12.99	
#35	1.00	0.50		6.66		19.65	
#45	1.50	0.35		7.53		27.18	
#60	2.00	0.25		10.25		37.43	
#80	2.50	0.18		12.63		50.06	
#120	3.00	0.13		31.20		81.26	
#170	3.50	0.09		9.51		90.77	
#200	3.75	0.07		1.98		92.75	
#230	4.00	0.06		1.01		93.76	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.14	2.90	2.50	1.35	0.72	-0.79	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.92	0.26	1.29	-1.22	4.09		