


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

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-SCV10-48 #2							
Analysis Date: 09-15-10							
Analyzed By:							
Easting (ft): 492,242.604		Northing (ft): 951,667.78		Coordinate System:		Elevation (ft): -41.2 NAVD88	
USCS: SW		Munsell: Wet - 10YR 5/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 1.72	Organics (%):	Carbonates (%):	Shells (%): 36.00
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		3.68		3.68	
#3.5	-2.50	5.66		1.36		5.04	
#4	-2.25	4.75		0.48		5.52	
#5	-2.00	3.99		0.14		5.66	
#7	-1.50	2.82		1.14		6.80	
#10	-1.00	2.00		1.27		8.07	
#14	-0.50	1.41		2.20		10.27	
#18	0.00	1.00		4.21		14.48	
#25	0.50	0.71		7.81		22.29	
#35	1.00	0.50		12.71		35.00	
#45	1.50	0.35		15.15		50.15	
#60	2.00	0.25		23.40		73.55	
#80	2.50	0.18		15.28		88.83	
#120	3.00	0.13		7.16		95.99	
#170	3.50	0.09		1.70		97.69	
#200	3.75	0.07		0.43		98.12	
#230	4.00	0.06		0.16		98.28	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.93	2.34	2.04	1.49	0.61	0.10	-2.52	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.09	0.47	1.48	-1.6	5.82		

Depths and elevations based on measured values



Analyzed By:

-43.2 NAVD88

Comments:

Shells (%):

29.00

C. % Weight Retained

0.00

0.33

0.33

0.48

0.75

1.40

2.67

5.48

10.57

18.09

32.97

53.23

74.47

90.75

95.90

96.70

97.37

Phi 95

-0.09

Kurtosis

4.71

Depths and elevations based on measured values



Analyzed By:

-45.2 NAVD88

Comments:

Shells (%):

25.00

C. % Weight Retained

0.00

3.53

3.84

5.26

8.39

12.21

17.34

23.19

30.01

36.23

39.76

42.50

46.10

54.87

66.61

72.27

77.06

Phi 95

-2.04

Kurtosis

1.93