

Depths and elevations based on measured values



Analyzed By:

-48.6 NAVD88

Comments:

Shells (%):

33.00

C. % Weight Retained

0.00

0.14

0.32

0.60

1.46

3.68

7.67

15.06

26.24

40.82

63.22

79.29

94.01

97.26

97.61


98.01

Phi 95


-0.33

Kurtosis

3.35

| | | | | | | | |
|--|------------------|--------------------------------------|---------------------|---|---------------------|--|--------------|
| 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-SCV10-70 #4 | | | | | | | |
| Analysis Date: | | | | | | | |
| Analyzed By: | | | | | | | |
| Easting (ft): 488,412.575 | | Northing (ft): 939,123.663 | | Coordinate System: | | Elevation (ft): -50.6 NAVD88 | |
| USCS: SM | | Munsell: Wet - 10YR 5/1 | | Comments: | | | |
| Dry Weight (g): | Wash Weight (g): | Pan Retained (g): | Sieve Loss (%): | Fines (%): | Organics (%): | Carbonates (%): | Shells (%): |
| | | | #230 - 15.56 | | | | 25.00 |
| 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 | | 0.40 | | 0.40 | |
| #4 | -2.25 | 4.75 | | 0.69 | | 1.09 | |
| #5 | -2.00 | 3.99 | | 0.52 | | 1.61 | |
| #7 | -1.50 | 2.82 | | 1.02 | | 2.63 | |
| #10 | -1.00 | 2.00 | | 1.48 | | 4.11 | |
| #14 | -0.50 | 1.41 | | 2.67 | | 6.78 | |
| #18 | 0.00 | 1.00 | | 4.09 | | 10.87 | |
| #25 | 0.50 | 0.71 | | 5.85 | | 16.72 | |
| #35 | 1.00 | 0.50 | | 6.37 | | 23.09 | |
| #45 | 1.50 | 0.35 | | 8.01 | | 31.10 | |
| #60 | 2.00 | 0.25 | | 5.85 | | 36.95 | |
| #80 | 2.50 | 0.18 | | 6.94 | | 43.89 | |
| #120 | 3.00 | 0.13 | | 19.09 | | 62.98 | |
| #170 | 3.50 | 0.09 | | 13.09 | | 76.07 | |
| #200 | 3.75 | 0.07 | | 4.24 | | 80.31 | |
| #230 | 4.00 | 0.06 | | 4.13 | | 84.44 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| | 3.97 | 3.46 | 2.66 | 1.12 | 0.44 | -0.83 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 1.87 | 0.27 | 1.5 | -0.84 | 3 | | |

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

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|--|------------------|--------------------------------------|-----------------|---|---------------------|--|--------------|
| 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-SCV10-70 #6 | | | | | | | |
| Analysis Date: | | | | | | | |
| Analyzed By: | | | | | | | |
| Easting (ft): 488,412.575 | | Northing (ft): 939,123.663 | | Coordinate System: | | Elevation (ft): -52.6 NAVD88 | |
| USCS: SM | | Munsell: Wet - 10YR 7/1 | | Comments: | | | |
| Dry Weight (g): | Wash Weight (g): | Pan Retained (g): | Sieve Loss (%): | Fines (%): | Organics (%): | Carbonates (%): | Shells (%): |
| | | | | #230 - 10.22 | | | 14.00 |
| 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 | | 16.14 | | 16.14 | |
| #3.5 | -2.50 | 5.66 | | 13.48 | | 29.62 | |
| #4 | -2.25 | 4.75 | | 0.62 | | 30.24 | |
| #5 | -2.00 | 3.99 | | 2.21 | | 32.45 | |
| #7 | -1.50 | 2.82 | | 2.55 | | 35.00 | |
| #10 | -1.00 | 2.00 | | 2.35 | | 37.35 | |
| #14 | -0.50 | 1.41 | | 3.53 | | 40.88 | |
| #18 | 0.00 | 1.00 | | 4.04 | | 44.92 | |
| #25 | 0.50 | 0.71 | | 4.39 | | 49.31 | |
| #35 | 1.00 | 0.50 | | 4.25 | | 53.56 | |
| #45 | 1.50 | 0.35 | | 3.35 | | 56.91 | |
| #60 | 2.00 | 0.25 | | 3.77 | | 60.68 | |
| #80 | 2.50 | 0.18 | | 5.66 | | 66.34 | |
| #120 | 3.00 | 0.13 | | 12.02 | | 78.36 | |
| #170 | 3.50 | 0.09 | | 6.70 | | 85.06 | |
| #200 | 3.75 | 0.07 | | 2.53 | | 87.59 | |
| #230 | 4.00 | 0.06 | | 2.19 | | 89.78 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| | 3.42 | 2.86 | 0.58 | -2.76 | -3.25 | -3.94 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | -0.18 | 1.13 | 2.67 | -0.03 | 1.45 | | |