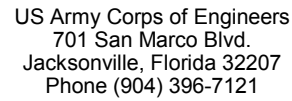


Depths and elevations based on measured values



Analyzed By:

-36.3 NAVD88

Comments:

Shells (%):

75.00

C. % Weight Retained

0.00

0.33

2.22

3.32

5.80

10.81

18.92

34.16

54.56

80.36

93.81

98.33

99.07

99.21

99.29


Phi 95

-0.66

## Kurtosis

5.89

GRANULARMETRIC REPORT SARASOTA\_ALL\_VC\_GINT\_FDEP.GPJ FL DEP ROSS.GDT 8/2/13

|  |                  |                                   |                 |   |                     |  |             |
|--|------------------|-----------------------------------|-----------------|---|---------------------|--|-------------|
| <b>Granularmetric Report</b><br>Depths and elevations based on measured values |                  |                                   |                 |  <p>US Army Corps of Engineers<br/>                 701 San Marco Blvd.<br/>                 Jacksonville, Florida 32207<br/>                 Phone (904) 396-7121</p> |                     |  |             |
| Project Name: Sarasota SPP   |                  |                                   |                 |   |                     |  |             |
| Sample Name: VB-SASP06-8O-03 #5  |                  |                                   |                 |   |                     |  |             |
| Analysis Date: 11-21-07  |                  |                                   |                 |   |                     |  |             |
| Analyzed By:   |                  |                                   |                 |   |                     |  |             |
| Easting (ft):<br><b>493,040</b>  |                  | Northing (ft):<br><b>950,729</b>  |                 | Coordinate System:  |                     | Elevation (ft):<br><b>-41.3 NAVD88</b> |             |
| USCS:<br><b>SM</b>   |                  | Munsell:<br><b>Wet - 2.5Y 6/1</b> |                 | Comments:   |                     |  |             |
| Dry Weight (g):  | Wash Weight (g): | Pan Retained (g):                 | Sieve Loss (%): | Fines (%):  | Organics (%):       | Carbonates (%):                        | Shells (%): |
|  |                  |                                   |                 | <b>#230 - 12.53</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                              |                 | 0.00  |                     | 0.00                                   |             |
| #7   | -1.50            | 2.82                              |                 | 0.82  |                     | 0.82                                   |             |
| #10  | -1.00            | 2.00                              |                 | 0.97  |                     | 1.79                                   |             |
| #14  | -0.50            | 1.41                              |                 | 1.54  |                     | 3.33                                   |             |
| #18  | 0.00             | 1.00                              |                 | 2.10  |                     | 5.43                                   |             |
| #25  | 0.50             | 0.71                              |                 | 3.21  |                     | 8.64                                   |             |
| #35  | 1.00             | 0.50                              |                 | 4.61  |                     | 13.25                                  |             |
| #45  | 1.50             | 0.35                              |                 | 6.04  |                     | 19.29                                  |             |
| #60  | 2.00             | 0.25                              |                 | 8.50  |                     | 27.79                                  |             |
| #80  | 2.50             | 0.18                              |                 | 9.89  |                     | 37.68                                  |             |
| #120   | 3.00             | 0.13                              |                 | 20.10   |                     | 57.78                                  |             |
| #170   | 3.50             | 0.09                              |                 | 17.19   |                     | 74.97                                  |             |
| #200   | 3.75             | 0.07                              |                 | 6.74  |                     | 81.71                                  |             |
| #230   | 4.00             | 0.06                              |                 | 5.76  |                     | 87.47                                  |             |
|  |                  |                                   |                 |   |                     |  |             |
| Phi 5  | Phi 16           | Phi 25                            | Phi 50          | Phi 75  | Phi 84              | Phi 95                                 |             |
|  | 3.85             | 3.50                              | 2.81            | 1.83  | 1.22                | -0.10                                  |             |
| Moment   | Mean Phi         | Mean mm                           | Sorting         | Skewness  | Kurtosis            |  |             |
| Statistics   | 2.31             | 0.20                              | 1.25            | -1.2  | 4.32                |  |             |