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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-SASP06-8S-07 #0 | | | | | | | |
| Analysis Date: 11-21-07 | | | | | | | |
| Analyzed By: | | | | | | | |
| Easting (ft): <div style="text-align: center;">489,940</div> | | Northing (ft): <div style="text-align: center;">937,296</div> | | Coordinate System: | | Elevation (ft): <div style="text-align: center;">-43.5 NAVD88</div> | |
| USCS: <div style="text-align: center;">SW</div> | | Munsell: <div style="text-align: center;">Wet - 2.5Y 5/1</div> | | Comments: | | | |
| Dry Weight (g): | Wash Weight (g): | Pan Retained (g): | Sieve Loss (%): | Fines (%): <div style="text-align: center;">#230 - 0.59</div> | Organics (%): | Carbonates (%): <div style="text-align: center;">47.50</div> | Shells (%): <div style="text-align: center;">32.00</div> |
| 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 | | 0.44 | | 0.44 | |
| #10 | -1.00 | 2.00 | | 0.59 | | 1.03 | |
| #14 | -0.50 | 1.41 | | 1.72 | | 2.75 | |
| #18 | 0.00 | 1.00 | | 3.62 | | 6.37 | |
| #25 | 0.50 | 0.71 | | 7.95 | | 14.32 | |
| #35 | 1.00 | 0.50 | | 15.75 | | 30.07 | |
| #45 | 1.50 | 0.35 | | 22.74 | | 52.81 | |
| #60 | 2.00 | 0.25 | | 25.79 | | 78.60 | |
| #80 | 2.50 | 0.18 | | 13.33 | | 91.93 | |
| #120 | 3.00 | 0.13 | | 6.16 | | 98.09 | |
| #170 | 3.50 | 0.09 | | 1.06 | | 99.15 | |
| #200 | 3.75 | 0.07 | | 0.13 | | 99.28 | |
| #230 | 4.00 | 0.06 | | 0.13 | | 99.41 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 2.75 | 2.20 | 1.93 | 1.43 | 0.84 | 0.55 | -0.19 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 1.35 | 0.39 | 0.87 | -0.61 | 4.25 | | |

GRANULARMETRIC REPORT SARASOTA_ALL_VC_GINT_FDEP.GPJ FL DEP ROSS.GDT 8/2/13

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|--------------------------------------------------------------------------------|------------------|-----------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------|-------------|
| Granularmetric Report Depths and elevations based on measured values | | | |  <p>US Army Corps of Engineers 701 San Marco Blvd. Jacksonville, Florida 32207 Phone (904) 396-7121</p> | | | |
| Project Name: Sarasota SPP | | | | | | | |
| Sample Name: VB-SASP06-8S-07 #2 | | | | | | | |
| Analysis Date: 11-21-07 | | | | | | | |
| Analyzed By: | | | | | | | |
| Easting (ft): 489,940 | | Northing (ft): 937,296 | | Coordinate System: | | Elevation (ft): -45.5 NAVD88 | |
| USCS: SW | | Munsell: Wet - 2.5Y 7/1 | | Comments: | | | |
| Dry Weight (g): | Wash Weight (g): | Pan Retained (g): | Sieve Loss (%): | Fines (%): #230 - 0.28 | Organics (%): | Carbonates (%): | Shells (%): |
| 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 | | 1.28 | | 1.28 | |
| #10 | -1.00 | 2.00 | | 0.66 | | 1.94 | |
| #14 | -0.50 | 1.41 | | 1.38 | | 3.32 | |
| #18 | 0.00 | 1.00 | | 3.71 | | 7.03 | |
| #25 | 0.50 | 0.71 | | 7.55 | | 14.58 | |
| #35 | 1.00 | 0.50 | | 16.88 | | 31.46 | |
| #45 | 1.50 | 0.35 | | 22.19 | | 53.65 | |
| #60 | 2.00 | 0.25 | | 24.10 | | 77.75 | |
| #80 | 2.50 | 0.18 | | 13.81 | | 91.56 | |
| #120 | 3.00 | 0.13 | | 6.85 | | 98.41 | |
| #170 | 3.50 | 0.09 | | 0.99 | | 99.40 | |
| #200 | 3.75 | 0.07 | | 0.21 | | 99.61 | |
| #230 | 4.00 | 0.06 | | 0.11 | | 99.72 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 2.75 | 2.22 | 1.94 | 1.41 | 0.81 | 0.54 | -0.27 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 1.33 | 0.40 | 0.93 | -0.9 | 5.19 | | |