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| Granularmetric Report Depths and elevations based on measured values | | | |  COASTAL TECH Coastal Geology & Sediments Laboratory 715-E North Dr. Melbourne, Fl. 32934 Phone (321) 751-1135 Fax (321) 751-2343 | | | |
| Project Name: Gulf County Supplemental | | | | | | | |
| Sample Name: RC-17 #1 | | | | | | | |
| Analysis Date: 08-01-06 | | | | | | | |
| Analyzed By: jv | | | | | | | |
| Easting (ft): <div style="text-align: center;">1,673,755.81</div> | | Northing (ft): <div style="text-align: center;">251,213.01</div> | | Coordinate System: <div style="text-align: center;">Florida State Plane North</div> | | Elevation (ft): <div style="text-align: center;">-35.9 NAVD 88</div> | |
| USCS: <div style="text-align: center;">SP</div> | | Munsell: <div style="text-align: center;">Wet - 10YR-8/1</div> | | Comments: | | | |
| Dry Weight (g): <div style="text-align: center;">94.66</div> | Wash Weight (g): | Pan Retained (g): <div style="text-align: center;">0.03</div> | Sieve Loss (%): | Fines (%): #200 - 0.05 #230 - 0.05 | Organics (%): | Carbonates (%): | Shells (%): |
| Sieve Number | Sieve Size (Phi) | Sieve Size (Millimeters) | Grams Retained | % Weight Retained | Cum. Grams Retained | C. % Weight Retained | |
| 5/8" | -4.00 | 16.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 11/16" | -3.50 | 11.31 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5/16" | -3.00 | 8.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3.5 | -2.50 | 5.66 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4 | -2.25 | 4.76 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5 | -2.00 | 4.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7 | -1.50 | 2.83 | 0.08 | 0.08 | 0.08 | 0.08 | |
| 10 | -1.00 | 2.00 | 0.19 | 0.20 | 0.27 | 0.28 | |
| 14 | -0.50 | 1.41 | 0.25 | 0.26 | 0.52 | 0.54 | |
| 18 | 0.00 | 1.00 | 0.26 | 0.27 | 0.78 | 0.81 | |
| 25 | 0.50 | 0.71 | 0.60 | 0.63 | 1.38 | 1.44 | |
| 35 | 1.00 | 0.50 | 1.98 | 2.09 | 3.36 | 3.53 | |
| 45 | 1.50 | 0.35 | 5.23 | 5.53 | 8.59 | 9.06 | |
| 60 | 2.00 | 0.25 | 10.84 | 11.45 | 19.43 | 20.51 | |
| 80 | 2.50 | 0.18 | 39.35 | 41.57 | 58.78 | 62.08 | |
| 120 | 3.00 | 0.13 | 33.46 | 35.35 | 92.24 | 97.43 | |
| 170 | 3.50 | 0.09 | 2.25 | 2.38 | 94.49 | 99.81 | |
| 200 | 3.75 | 0.07 | 0.13 | 0.14 | 94.62 | 99.95 | |
| 230 | 4.00 | 0.06 | 0.00 | 0.00 | 94.62 | 99.95 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 2.97 | 2.81 | 2.68 | 2.35 | 2.05 | 1.80 | 1.13 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 2.27 | 0.21 | 0.59 | -1.91 | 9.74 | | |

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| Project Name: Gulf County Supplemental | | | | | | | |
| Sample Name: RC-17 #2 | | | | | | | |
| Analysis Date: 08-01-06 | | | | | | | |
| Analyzed By: jv | | | | | | | |
| Easting (ft): 1,673,755.81 | | Northing (ft): 251,213.01 | | Coordinate System: Florida State Plane North | | Elevation (ft): -39.4 NAVD 88 | |
| USCS: SP | | Munsell: Wet - 10YR-8/1 | | Comments: | | | |
| Dry Weight (g): 103.31 | Wash Weight (g): | Pan Retained (g): 0.04 | Sieve Loss (%): | Fines (%): #200 - 0.50 #230 - 0.48 | Organics (%): | Carbonates (%): | Shells (%): |
| Sieve Number | Sieve Size (Phi) | Sieve Size (Millimeters) | Grams Retained | % Weight Retained | Cum. Grams Retained | C. % Weight Retained | |
| 5/8" | -4.00 | 16.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 11/16" | -3.50 | 11.31 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5/16" | -3.00 | 8.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3.5 | -2.50 | 5.66 | 0.09 | 0.09 | 0.09 | 0.09 | |
| 4 | -2.25 | 4.76 | 0.10 | 0.10 | 0.19 | 0.19 | |
| 5 | -2.00 | 4.00 | 0.02 | 0.02 | 0.21 | 0.21 | |
| 7 | -1.50 | 2.83 | 0.17 | 0.16 | 0.38 | 0.37 | |
| 10 | -1.00 | 2.00 | 0.35 | 0.34 | 0.73 | 0.71 | |
| 14 | -0.50 | 1.41 | 0.79 | 0.76 | 1.52 | 1.47 | |
| 18 | 0.00 | 1.00 | 1.19 | 1.15 | 2.71 | 2.62 | |
| 25 | 0.50 | 0.71 | 2.40 | 2.32 | 5.11 | 4.94 | |
| 35 | 1.00 | 0.50 | 6.29 | 6.09 | 11.40 | 11.03 | |
| 45 | 1.50 | 0.35 | 15.15 | 14.66 | 26.55 | 25.69 | |
| 60 | 2.00 | 0.25 | 21.28 | 20.60 | 47.83 | 46.29 | |
| 80 | 2.50 | 0.18 | 32.50 | 31.46 | 80.33 | 77.75 | |
| 120 | 3.00 | 0.13 | 20.92 | 20.25 | 101.25 | 98.00 | |
| 170 | 3.50 | 0.09 | 1.47 | 1.42 | 102.72 | 99.42 | |
| 200 | 3.75 | 0.07 | 0.08 | 0.08 | 102.80 | 99.50 | |
| 230 | 4.00 | 0.06 | 0.02 | 0.02 | 102.82 | 99.52 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 2.93 | 2.65 | 2.46 | 2.06 | 1.48 | 1.17 | 0.50 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 1.9 | 0.27 | 0.79 | -1.36 | 6.34 | | |

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| Project Name: Gulf County Supplemental | | | | | | | |
| Sample Name: RC-17 #3 | | | | | | | |
| Analysis Date: 08-01-06 | | | | | | | |
| Analyzed By: jv | | | | | | | |
| Easting (ft): 1,673,755.81 | | Northing (ft): 251,213.01 | | Coordinate System: Florida State Plane North | | Elevation (ft): -43.6 NAVD 88 | |
| USCS: SP | | Munsell: Wet - 10YR-5/1 | | Comments: | | | |
| Dry Weight (g): 108.56 | Wash Weight (g): | Pan Retained (g): 0.67 | Sieve Loss (%): | Fines (%): #200 - 1.19 #230 - 1.08 | Organics (%): | Carbonates (%): | Shells (%): |
| Sieve Number | Sieve Size (Phi) | Sieve Size (Millimeters) | Grams Retained | % Weight Retained | Cum. Grams Retained | C. % Weight Retained | |
| 5/8" | -4.00 | 16.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 11/16" | -3.50 | 11.31 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5/16" | -3.00 | 8.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3.5 | -2.50 | 5.66 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4 | -2.25 | 4.76 | 0.18 | 0.17 | 0.18 | 0.17 | |
| 5 | -2.00 | 4.00 | 0.03 | 0.03 | 0.21 | 0.20 | |
| 7 | -1.50 | 2.83 | 0.18 | 0.17 | 0.39 | 0.37 | |
| 10 | -1.00 | 2.00 | 0.58 | 0.53 | 0.97 | 0.90 | |
| 14 | -0.50 | 1.41 | 0.89 | 0.82 | 1.86 | 1.72 | |
| 18 | 0.00 | 1.00 | 1.34 | 1.23 | 3.20 | 2.95 | |
| 25 | 0.50 | 0.71 | 2.00 | 1.84 | 5.20 | 4.79 | |
| 35 | 1.00 | 0.50 | 4.89 | 4.50 | 10.09 | 9.29 | |
| 45 | 1.50 | 0.35 | 12.14 | 11.18 | 22.23 | 20.47 | |
| 60 | 2.00 | 0.25 | 19.50 | 17.96 | 41.73 | 38.43 | |
| 80 | 2.50 | 0.18 | 32.29 | 29.74 | 74.02 | 68.17 | |
| 120 | 3.00 | 0.13 | 29.34 | 27.03 | 103.36 | 95.20 | |
| 170 | 3.50 | 0.09 | 3.69 | 3.40 | 107.05 | 98.60 | |
| 200 | 3.75 | 0.07 | 0.23 | 0.21 | 107.28 | 98.81 | |
| 230 | 4.00 | 0.06 | 0.12 | 0.11 | 107.40 | 98.92 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 3.00 | 2.79 | 2.63 | 2.19 | 1.63 | 1.30 | 0.52 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 2.03 | 0.24 | 0.83 | -1.49 | 6.52 | | |