


| | | | | | | | |
|--|-------------------------|-------------------------------------|-----------------------|--|----------------------------|---|-------------|
| 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: C-511 #1 | | | | | | | |
| Analysis Date: 08-17-06 | | | | | | | |
| Analyzed By: JV | | | | | | | |
| Easting (ft): 1,681,718.39 | | Northing (ft): 249,948.41 | | Coordinate System: Florida State Plane North | | Elevation (ft): -34.7 NAVD 88 | |
| USCS: SP | | Munsell: Wet - 10YR-8/1 | | Comments: | | | |
| Dry Weight (g): 113.41 | Wash Weight (g): | Pan Retained (g): 0.04 | Sieve Loss (%): | Fines (%): #200 - 0.08 #230 - 0.04 | 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 | 0.21 | 0.19 | 0.21 | 0.19 | |
| 4 | -2.25 | 4.76 | 0.00 | 0.00 | 0.21 | 0.19 | |
| 5 | -2.00 | 4.00 | 0.05 | 0.04 | 0.26 | 0.23 | |
| 7 | -1.50 | 2.83 | 0.05 | 0.04 | 0.31 | 0.27 | |
| 10 | -1.00 | 2.00 | 0.07 | 0.06 | 0.38 | 0.33 | |
| 14 | -0.50 | 1.41 | 0.25 | 0.22 | 0.63 | 0.55 | |
| 18 | 0.00 | 1.00 | 0.28 | 0.25 | 0.91 | 0.80 | |
| 25 | 0.50 | 0.71 | 0.40 | 0.35 | 1.31 | 1.15 | |
| 35 | 1.00 | 0.50 | 1.09 | 0.96 | 2.40 | 2.11 | |
| 45 | 1.50 | 0.35 | 6.78 | 5.98 | 9.18 | 8.09 | |
| 60 | 2.00 | 0.25 | 24.77 | 21.84 | 33.95 | 29.93 | |
| 80 | 2.50 | 0.18 | 50.44 | 44.48 | 84.39 | 74.41 | |
| 120 | 3.00 | 0.13 | 26.01 | 22.93 | 110.40 | 97.34 | |
| 170 | 3.50 | 0.09 | 2.78 | 2.45 | 113.18 | 99.79 | |
| 200 | 3.75 | 0.07 | 0.15 | 0.13 | 113.33 | 99.92 | |
| 230 | 4.00 | 0.06 | 0.04 | 0.04 | 113.37 | 99.96 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 2.95 | 2.71 | 2.51 | 2.23 | 1.89 | 1.68 | 1.24 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 2.17 | 0.22 | 0.58 | -2.24 | 16.82 | | |