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|--|-----------------------------------|--|--------------------------------|---|----------------------------|--|-----------------------------|
| Granularmetric Report Depths and elevations based on measured values | | | |  Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | |
| Project Name: AMI Beach Samples 2008 | | | | | | | |
| Sample Name: R-40 MLW | | | | | | | |
| Analysis Date: 09-30-08 | | | | | | | |
| Analyzed By: TD | | | | | | | |
| Easting (ft): 431,763 | | Northing (ft): 1,132,424 | | Coordinate System: Florida State Plane West | | Elevation (ft): -1.3 NAVD 88 | |
| USCS: SW | | Munsell: Wet - 2.5Y-7/1 Dry - 2.5Y-7/1 Washed - 2.5Y-8/1 | | Comments: | | | |
| Dry Weight (g): 106.70 | Wash Weight (g): 105.32 | Pan Retained (g): 0.00 | Sieve Loss (%): 0.07 | Fines (%): #200 - 1.37 #230 - 1.36 | Organics (%): | Carbonates (%): 28 | Shell Hash (%): 6 |
| 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 | 0.00 | 0.00 | |
| 5/8" | -4.00 | 16.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7/16" | -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 | 1.47 | 1.38 | 1.47 | 1.38 | |
| 4 | -2.25 | 4.76 | 1.34 | 1.26 | 2.81 | 2.64 | |
| 5 | -2.00 | 4.00 | 1.97 | 1.85 | 4.78 | 4.49 | |
| 7 | -1.50 | 2.83 | 4.74 | 4.44 | 9.52 | 8.93 | |
| 10 | -1.00 | 2.00 | 4.09 | 3.83 | 13.61 | 12.76 | |
| 14 | -0.50 | 1.41 | 4.60 | 4.31 | 18.21 | 17.07 | |
| 18 | 0.00 | 1.00 | 3.56 | 3.34 | 21.77 | 20.41 | |
| 25 | 0.50 | 0.71 | 2.67 | 2.50 | 24.44 | 22.91 | |
| 35 | 1.00 | 0.50 | 2.07 | 1.94 | 26.51 | 24.85 | |
| 45 | 1.50 | 0.35 | 1.99 | 1.87 | 28.50 | 26.72 | |
| 60 | 2.00 | 0.25 | 3.78 | 3.54 | 32.28 | 30.26 | |
| 80 | 2.50 | 0.18 | 22.43 | 21.02 | 54.71 | 51.28 | |
| 120 | 3.00 | 0.13 | 42.82 | 40.13 | 97.53 | 91.41 | |
| 170 | 3.50 | 0.09 | 7.50 | 7.03 | 105.03 | 98.44 | |
| 200 | 3.75 | 0.07 | 0.20 | 0.19 | 105.23 | 98.63 | |
| 230 | 4.00 | 0.06 | 0.01 | 0.01 | 105.24 | 98.64 | |
| Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm. | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 3.26 | 2.91 | 2.80 | 2.47 | 1.04 | -0.62 | -1.94 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 1.67 | 0.31 | 1.67 | -1.27 | 3.16 | | |

SIEVE ANALYSIS AMI BEACH 2008.GPJ FL DEP ROSS.GDT 10/29/08

