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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-41 -20.0 ft | | | | | | | |
| Analysis Date: 10-13-08 | | | | | | | |
| Analyzed By: MTY | | | | | | | |
| Easting (ft): <div style="text-align: center;">427,511</div> | | Northing (ft): <div style="text-align: center;">1,130,687</div> | | Coordinate System: <div style="text-align: center;">Florida State Plane West</div> | | Elevation (ft): <div style="text-align: center;">-20.0 NAVD 88</div> | |
| USCS: <div style="text-align: center;">SP</div> | | Munsell: Wet - 5Y-5/1 Dry - 5Y-7/2 Washed - 5Y-8/1 | | Comments: | | | |
| Dry Weight (g): <div style="text-align: center;">130.41</div> | Wash Weight (g): <div style="text-align: center;">127.89</div> | Pan Retained (g): <div style="text-align: center;">0.02</div> | Sieve Loss (%): <div style="text-align: center;">0.04</div> | Fines (%): #200 - 2.21 #230 - 2.00 | Organics (%): | Carbonates (%): <div style="text-align: center;">5</div> | Shell Hash (%): <div style="text-align: center;">0</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 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4 | -2.25 | 4.76 | 0.33 | 0.25 | 0.33 | 0.25 | |
| 5 | -2.00 | 4.00 | 0.12 | 0.09 | 0.45 | 0.34 | |
| 7 | -1.50 | 2.83 | 0.16 | 0.12 | 0.61 | 0.46 | |
| 10 | -1.00 | 2.00 | 0.29 | 0.22 | 0.90 | 0.68 | |
| 14 | -0.50 | 1.41 | 0.28 | 0.21 | 1.18 | 0.89 | |
| 18 | 0.00 | 1.00 | 0.28 | 0.21 | 1.46 | 1.10 | |
| 25 | 0.50 | 0.71 | 0.42 | 0.32 | 1.88 | 1.42 | |
| 35 | 1.00 | 0.50 | 0.55 | 0.42 | 2.43 | 1.84 | |
| 45 | 1.50 | 0.35 | 0.61 | 0.47 | 3.04 | 2.31 | |
| 60 | 2.00 | 0.25 | 1.29 | 0.99 | 4.33 | 3.30 | |
| 80 | 2.50 | 0.18 | 8.21 | 6.30 | 12.54 | 9.60 | |
| 120 | 3.00 | 0.13 | 72.65 | 55.71 | 85.19 | 65.31 | |
| 170 | 3.50 | 0.09 | 40.59 | 31.12 | 125.78 | 96.43 | |
| 200 | 3.75 | 0.07 | 1.77 | 1.36 | 127.55 | 97.79 | |
| 230 | 4.00 | 0.06 | 0.27 | 0.21 | 127.82 | 98.00 | |
| 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 | |
| 3.48 | 3.30 | 3.16 | 2.86 | 2.64 | 2.56 | 2.13 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 2.81 | 0.14 | 0.6 | -4.6 | 33.67 | | |

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|--------|------|--------|--------|------|---------------|
| Gravel | | Sand | | | Silt and Clay |
| Coarse | Fine | Coarse | Medium | Fine | |

| Sample | Symbol | Elev. (ft) | USCS | % Fines | % Organics | % Carbonates | Median | Mean | Skew | Kurt | Sort | Sample Information | |
|---|---|------------|------|----------------------------|------------|--|--------|------|------|-------|------|--------------------|------------------------|
| R-41 -20.0 ft |  | -20.0 | SP | #200 - 2.21 #230 - 2.00 | | 5 | 2.86 | 2.81 | -4.6 | 33.67 | 0.6 | Project Name: | AMI Beach Samples 2008 |
| Comments: | | | | | | | | | | | | Analysis Date: | 10-13-08 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | MTY |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 427,511 |
| | | | | | | | | | | | | Northing (Y, ft): | 1,130,687 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |