
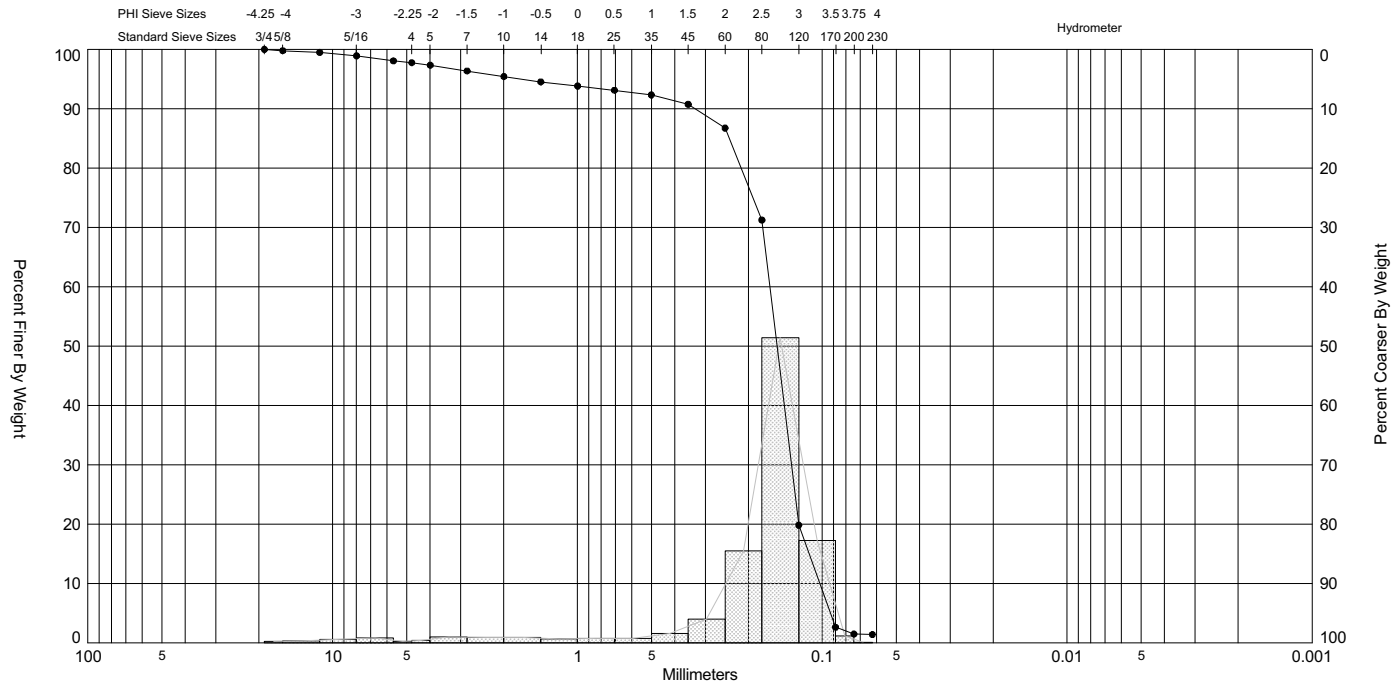



| | | | | | | | |
|--|------------------|--------------------------|-----------------|---|---------------------|----------------------|-----------------|
| Granularmetric Report Depths and elevations based on measured values | | | |  Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | |
| Project Name: AMI Beach Samples 2008 | | | | | | | |
| Sample Name: R-39 COMP | | | | | | | |
| Analysis Date: 10-22-08 | | | | | | | |
| Analyzed By: KD | | | | | | | |
| Easting (ft): | | Northing (ft): | | Coordinate System: | | Elevation (ft): | |
| | | | | Florida State Plane West | | | |
| USCS: | | Munsell: | | Comments: | | | |
| SW | | | | COMPOSITE | | | |
| Dry Weight (g): | Wash Weight (g): | Pan Retained (g): | Sieve Loss (%): | Fines (%): | Organics (%): | Carbonates (%): | Shell Hash (%): |
| 100.00 | 100.00 | 1.35 | 0.05 | #200 - 1.49 #230 - 1.40 | | 11 | |
| 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 | 0.21 | 0.21 | 0.21 | 0.21 | |
| 7/16" | -3.50 | 11.31 | 0.31 | 0.31 | 0.52 | 0.52 | |
| 5/16" | -3.00 | 8.00 | 0.56 | 0.56 | 1.08 | 1.08 | |
| 3.5 | -2.50 | 5.66 | 0.86 | 0.86 | 1.94 | 1.94 | |
| 4 | -2.25 | 4.76 | 0.29 | 0.29 | 2.23 | 2.23 | |
| 5 | -2.00 | 4.00 | 0.42 | 0.42 | 2.65 | 2.65 | |
| 7 | -1.50 | 2.83 | 0.98 | 0.98 | 3.63 | 3.63 | |
| 10 | -1.00 | 2.00 | 0.94 | 0.94 | 4.57 | 4.57 | |
| 14 | -0.50 | 1.41 | 0.90 | 0.90 | 5.47 | 5.47 | |
| 18 | 0.00 | 1.00 | 0.69 | 0.69 | 6.16 | 6.16 | |
| 25 | 0.50 | 0.71 | 0.72 | 0.72 | 6.88 | 6.88 | |
| 35 | 1.00 | 0.50 | 0.79 | 0.79 | 7.67 | 7.67 | |
| 45 | 1.50 | 0.35 | 1.58 | 1.58 | 9.25 | 9.25 | |
| 60 | 2.00 | 0.25 | 4.01 | 4.01 | 13.26 | 13.26 | |
| 80 | 2.50 | 0.18 | 15.49 | 15.49 | 28.75 | 28.75 | |
| 120 | 3.00 | 0.13 | 51.41 | 51.41 | 80.16 | 80.16 | |
| 170 | 3.50 | 0.09 | 17.21 | 17.21 | 97.37 | 97.37 | |
| 200 | 3.75 | 0.07 | 1.14 | 1.14 | 98.51 | 98.51 | |
| 230 | 4.00 | 0.06 | 0.09 | 0.09 | 98.60 | 98.60 | |
| 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 | |
| 3.43 | 3.11 | 2.95 | 2.71 | 2.38 | 2.09 | -0.76 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 2.38 | 0.19 | 1.23 | -3.07 | 12.73 | | |

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



| 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-39 COMP | —●— | | SW | #200 - 1.49 #230 - 1.40 | | 11 | 2.71 | 2.38 | -3.07 | 12.73 | 1.23 | Project Name: | AMI Beach Samples 2008 |
| Comments: COMPOSITE | | | | | | | | | | | | Analysis Date: | 10-22-08 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | KD |
|  | | | | | | Coastal Planning & Engineering | | | | | | Easting (X, ft): | |
| | | | | | | 2481 NW Boca Raton Blvd, Boca Raton | | | | | | Northing (Y, ft): | |
| | | | | | | FL 33431 | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | ph (561) 391-8102 fax (561) 391-9116 | | | | | | Vertical System: | NAVD 88 |