
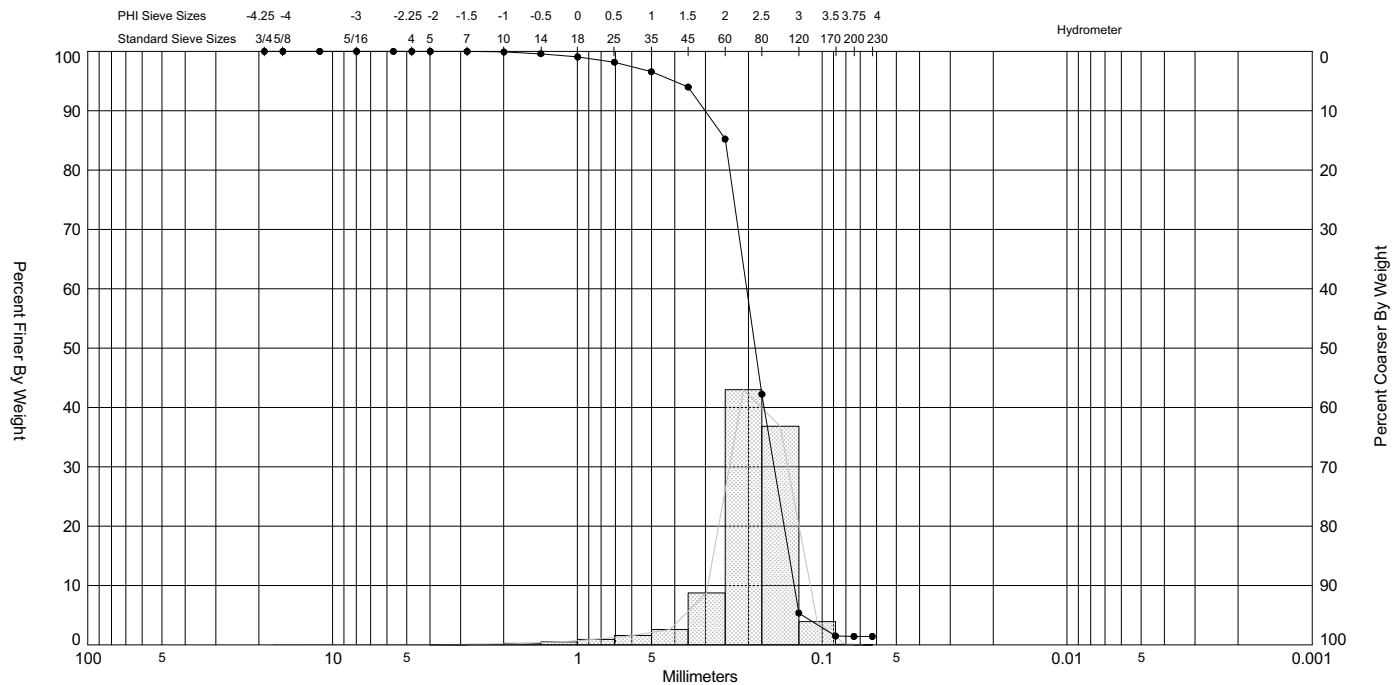



| | | | | | | | |
|--|-----------------------------------|--|--------------------------------|---|----------------------------|---|-----------------------------|
| Granularmetric Report Depths and elevations based on measured values | | | |  Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | |
| Project Name: AMI Beach Samples 2008 | | | | | | | |
| Sample Name: R-10 -15.0 ft | | | | | | | |
| Analysis Date: 10-09-08 | | | | | | | |
| Analyzed By: MTY | | | | | | | |
| Easting (ft): 417,815 | | Northing (ft): 1,157,711 | | Coordinate System: Florida State Plane West | | Elevation (ft): -15.0 NAVD 88 | |
| USCS: SP | | Munsell: Wet - 2.5Y-6/2 Dry - 2.5Y-8/1 Washed - 2.5Y-8/1 | | Comments: | | | |
| Dry Weight (g): 147.34 | Wash Weight (g): 145.30 | Pan Retained (g): 0.01 | Sieve Loss (%): 0.03 | Fines (%): #200 - 1.42 #230 - 1.41 | Organics (%): | Carbonates (%): 8 | Shell Hash (%): 0 |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5 | -2.00 | 4.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7 | -1.50 | 2.83 | 0.02 | 0.01 | 0.02 | 0.01 | |
| 10 | -1.00 | 2.00 | 0.13 | 0.09 | 0.15 | 0.10 | |
| 14 | -0.50 | 1.41 | 0.41 | 0.28 | 0.56 | 0.38 | |
| 18 | 0.00 | 1.00 | 0.79 | 0.54 | 1.35 | 0.92 | |
| 25 | 0.50 | 0.71 | 1.31 | 0.89 | 2.66 | 1.81 | |
| 35 | 1.00 | 0.50 | 2.39 | 1.62 | 5.05 | 3.43 | |
| 45 | 1.50 | 0.35 | 3.80 | 2.58 | 8.85 | 6.01 | |
| 60 | 2.00 | 0.25 | 12.92 | 8.77 | 21.77 | 14.78 | |
| 80 | 2.50 | 0.18 | 63.32 | 42.98 | 85.09 | 57.76 | |
| 120 | 3.00 | 0.13 | 54.33 | 36.87 | 139.42 | 94.63 | |
| 170 | 3.50 | 0.09 | 5.71 | 3.88 | 145.13 | 98.51 | |
| 200 | 3.75 | 0.07 | 0.11 | 0.07 | 145.24 | 98.58 | |
| 230 | 4.00 | 0.06 | 0.01 | 0.01 | 145.25 | 98.59 | |
| 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 | |
| 3.05 | 2.86 | 2.73 | 2.41 | 2.12 | 2.01 | 1.30 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 2.34 | 0.20 | 0.57 | -2.04 | 10.23 | | |

SIEVE ANALYSIS AMI BEACH 2008.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-10 -15.0 ft | —●— | -15.0 | SP | #200 - 1.42 #230 - 1.41 | | 8 | 2.41 | 2.34 | -2.04 | 10.23 | 0.57 | Project Name: | AMI Beach Samples 2008 |
| Comments: | | | | | | | | | | | | Analysis Date: | 10-09-08 |
| 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): | 417,815 |
| | | | | | | | | | | | | Northing (Y, ft): | 1,157,711 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |