
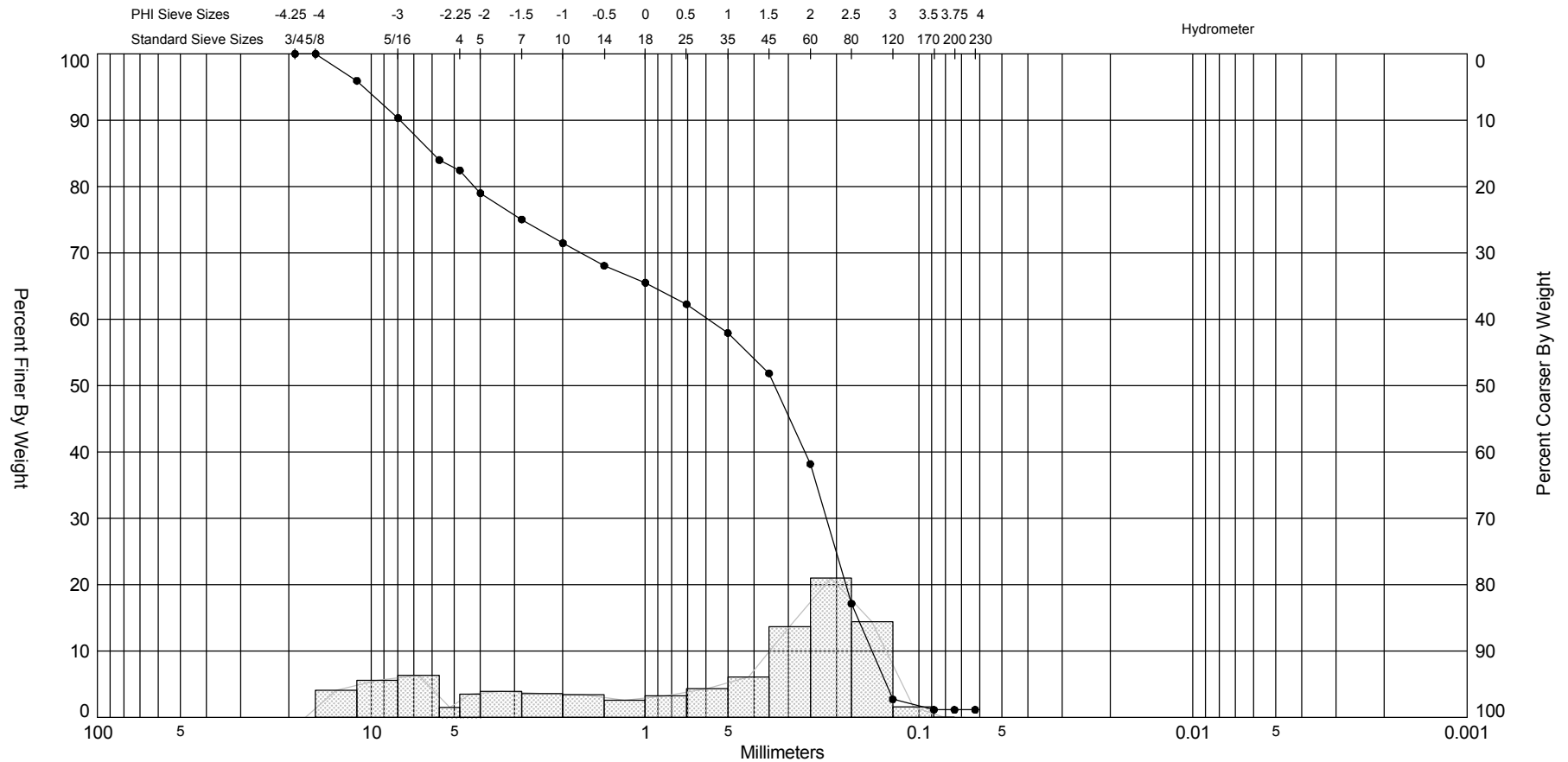




| | | | | | | | |
|--|------------------|---|-----------------|---|---------------------|----------------------|-----------------|
| Granularmetric Report Depths and elevations based on measured values | | | |  Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | |
| Project Name: Reach 8 Beach Samples | | | | | | | |
| Sample Name: R-128 MTL | | | | | | | |
| Analysis Date: | | | | | | | |
| Analyzed By: MC | | | | | | | |
| Easting (ft): | | Northing (ft): | | Coordinate System: | | Elevation (ft): | |
| 970,964 | | 830,135 | | Florida State Plane East | | -1.0 NAVD 88 | |
| USCS: | | Munsell: | | Comments: | | | |
| SW | | Wet - 2.5Y-5/1 Dry - 2.5Y-5/1 Washed - 2.5Y-6/1 | | | | | |
| Dry Weight (g): | Wash Weight (g): | Pan Retained (g): | Sieve Loss (%): | Fines (%): | Organics (%): | Carbonates (%): | Shell Hash (%): |
| 100.16 | 99.10 | 0.00 | 0.07 | #200 - 1.14 #230 - 1.14 | | | 7 |
| 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 | 4.06 | 4.05 | 4.06 | 4.05 | |
| 5/16" | -3.00 | 8.00 | 5.62 | 5.61 | 9.68 | 9.66 | |
| 3.5 | -2.50 | 5.66 | 6.36 | 6.35 | 16.04 | 16.01 | |
| 4 | -2.25 | 4.76 | 1.54 | 1.54 | 17.58 | 17.55 | |
| 5 | -2.00 | 4.00 | 3.47 | 3.46 | 21.05 | 21.01 | |
| 7 | -1.50 | 2.83 | 3.96 | 3.95 | 25.01 | 24.96 | |
| 10 | -1.00 | 2.00 | 3.58 | 3.57 | 28.59 | 28.53 | |
| 14 | -0.50 | 1.41 | 3.42 | 3.41 | 32.01 | 31.94 | |
| 18 | 0.00 | 1.00 | 2.55 | 2.55 | 34.56 | 34.49 | |
| 25 | 0.50 | 0.71 | 3.25 | 3.24 | 37.81 | 37.73 | |
| 35 | 1.00 | 0.50 | 4.35 | 4.34 | 42.16 | 42.07 | |
| 45 | 1.50 | 0.35 | 6.09 | 6.08 | 48.25 | 48.15 | |
| 60 | 2.00 | 0.25 | 13.69 | 13.67 | 61.94 | 61.82 | |
| 80 | 2.50 | 0.18 | 21.07 | 21.04 | 83.01 | 82.86 | |
| 120 | 3.00 | 0.13 | 14.45 | 14.43 | 97.46 | 97.29 | |
| 170 | 3.50 | 0.09 | 1.56 | 1.56 | 99.02 | 98.85 | |
| 200 | 3.75 | 0.07 | 0.01 | 0.01 | 99.03 | 98.86 | |
| 230 | 4.00 | 0.06 | 0.00 | 0.00 | 99.03 | 98.86 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 2.92 | 2.54 | 2.31 | 1.57 | -1.49 | -2.50 | -3.42 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 0.52 | 0.70 | 2.18 | -0.67 | 1.94 | | |

SIEVE ANALYSIS REACH 8 BEACH 2007.GPJ FL DEP ROSS.GDT 4/20/07



| 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-128 MTL |  | -1.0 | SW | #200 - 1.14 #230 - 1.14 | | | 1.57 | 0.52 | -0.67 | 1.94 | 2.18 | Project Name: | Reach 8 Beach Samples |
| Comments: | | | | | | | | | | | | Analysis Date: | |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | MC |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 970,964 |
| | | | | | | | | | | | | Northing (Y, ft): | 830,135 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |