
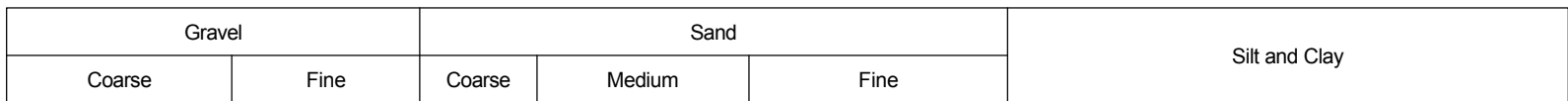




| | | | | | | | |
|--|------------------|---|-----------------|--|---------------------|----------------------|-----------------|
| <h2 style="text-align: center;">Granularmetric Report</h2> <p style="text-align: center;">Depths and elevations based on measured values</p> | | | |  <p style="text-align: center;"> Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 </p> | | | |
| Project Name: Reach 8 Geotechnical Investigation | | | | | | | |
| Sample Name: PBVC-05-12 #3 | | | | | | | |
| Analysis Date: 03-11-05 | | | | | | | |
| Analyzed By: CPE | | | | | | | |
| Easting (ft): | | Northing (ft): | | Coordinate System: | | Elevation (ft): | |
| 972,893 | | 826,711 | | Florida State Plane East | | -32.2 NAVD 88 | |
| USCS: | | Munsell: | | Comments: | | | |
| SW | | Wet - 5Y-6/1 Dry - 5Y-7/1 Washed - 5Y-6/1 | | | | | |
| Dry Weight (g): | Wash Weight (g): | Pan Retained (g): | Sieve Loss (%): | Fines (%): | Organics (%): | Carbonates (%): | Shell Hash (%): |
| 85.14 | 83.96 | 0.03 | 0.11 | #200 - 1.59 #230 - 1.52 | | 70.00 | 4 |
| 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 | |
| 11/16 | -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 | 1.18 | 1.39 | 1.18 | 1.39 | |
| 4 | -2.25 | 4.76 | 0.66 | 0.78 | 1.84 | 2.17 | |
| 5 | -2.00 | 4.00 | 0.80 | 0.94 | 2.64 | 3.11 | |
| 7 | -1.50 | 2.83 | 2.80 | 3.29 | 5.44 | 6.40 | |
| 10 | -1.00 | 2.00 | 4.95 | 5.81 | 10.39 | 12.21 | |
| 14 | -0.50 | 1.41 | 7.81 | 9.17 | 18.20 | 21.38 | |
| 18 | 0.00 | 1.00 | 8.34 | 9.80 | 26.54 | 31.18 | |
| 25 | 0.50 | 0.71 | 9.04 | 10.62 | 35.58 | 41.80 | |
| 35 | 1.00 | 0.50 | 7.54 | 8.86 | 43.12 | 50.66 | |
| 45 | 1.50 | 0.35 | 4.21 | 4.94 | 47.33 | 55.60 | |
| 60 | 2.00 | 0.25 | 3.27 | 3.84 | 50.60 | 59.44 | |
| 80 | 2.50 | 0.18 | 5.51 | 6.47 | 56.11 | 65.91 | |
| 120 | 3.00 | 0.13 | 17.47 | 20.52 | 73.58 | 86.43 | |
| 170 | 3.50 | 0.09 | 9.96 | 11.70 | 83.54 | 98.13 | |
| 200 | 3.75 | 0.07 | 0.24 | 0.28 | 83.78 | 98.41 | |
| 230 | 4.00 | 0.06 | 0.06 | 0.07 | 83.84 | 98.48 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 3.37 | 2.94 | 2.72 | 0.96 | -0.32 | -0.79 | -1.71 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 1.04 | 0.49 | 1.68 | -0.23 | 1.85 | | |



| Sample | Symbol | Elev. (ft) | USCS | % Fines | % Organics | % Carbonates | Median | Mean | Skew | Kurt | Sort | Sample Information | |
|---|---|------------|------|----------------------------|------------|--|--------|------|-------|------|------|--------------------|------------------------------------|
| PBVC-05-12 #3 |  | -32.2 | SW | #200 - 1.59 #230 - 1.52 | | 70.00 | 0.96 | 1.04 | -0.23 | 1.85 | 1.68 | Project Name: | Reach 8 Geotechnical Investigation |
| Comments: | | | | | | | | | | | | Analysis Date: | 03-11-05 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | CPE |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 972,893 |
| | | | | | | | | | | | | Northing (Y, ft): | 826,711 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |