
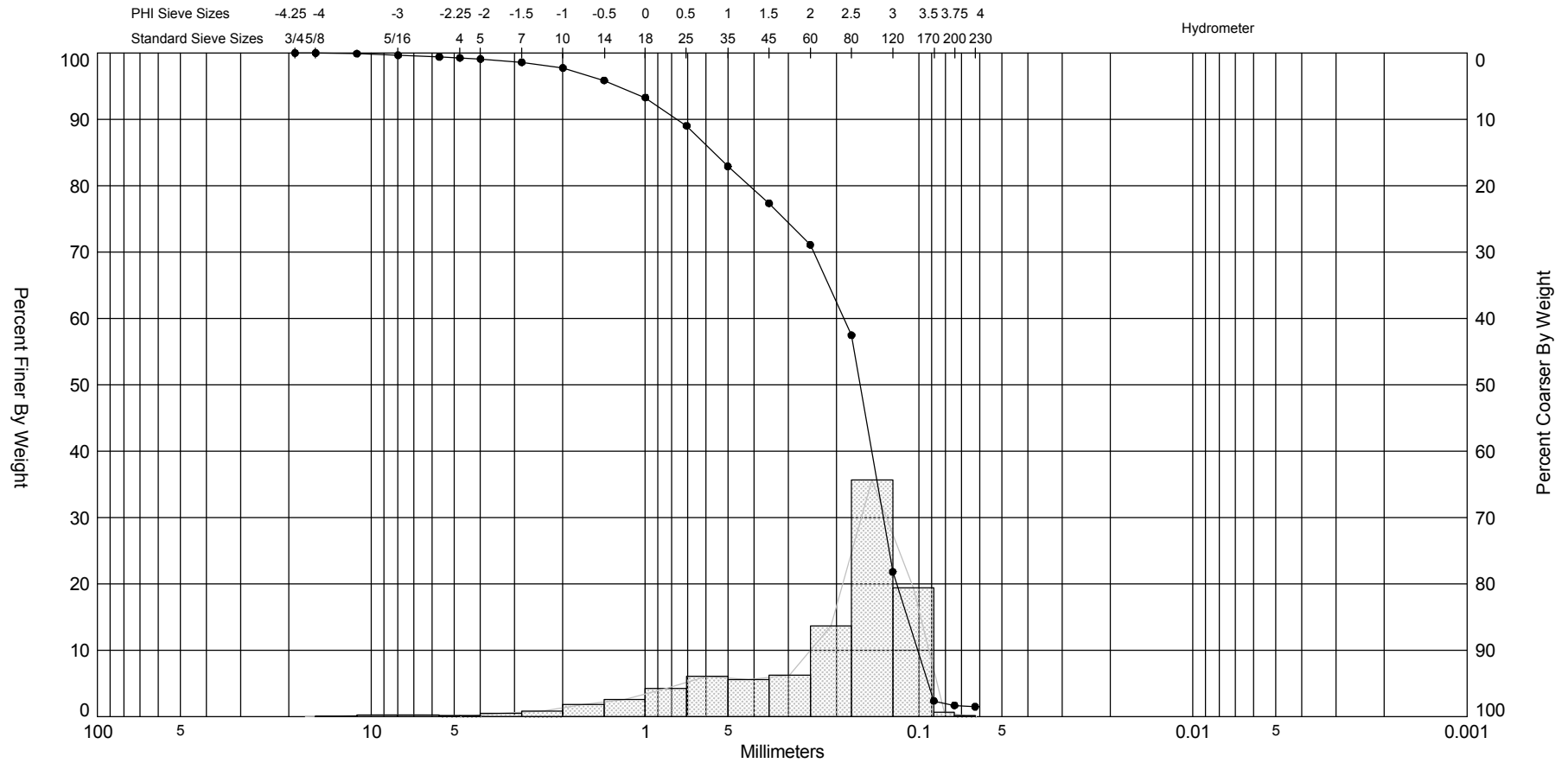



|  |                  |                          |                 |   |                     |                      |                 |
|--|------------------|--------------------------|-----------------|---|---------------------|----------------------|-----------------|
| <b>Granularmetric Report</b><br>Depths and elevations based on measured values |                  |                          |                 | <br>Coastal Planning & Engineering<br>2481 NW Boca Raton Blvd, Boca Raton<br>FL 33431<br>ph (561) 391-8102<br>fax (561) 391-9116 |                     |                      |                 |
| Project Name: Town of Palm Beach Composites                                    |                  |                          |                 |   |                     |                      |                 |
| Sample Name: BA VI   |                  |                          |                 |   |                     |                      |                 |
| Analysis Date: 04-19-07  |                  |                          |                 |   |                     |                      |                 |
| Analyzed By: JF  |                  |                          |                 |   |                     |                      |                 |
| Easting (ft):  |                  | Northing (ft):           |                 | Coordinate System:  |                     | Elevation (ft):      |                 |
|  |                  |                          |                 |   |                     | 0.0                  |                 |
| 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           | 1.41                     | 0.09            | #200 - 1.70<br>#230 - 1.50  |                     |                      |                 |
| 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                    | 0.10            | 0.10  | 0.10                | 0.10                 |                 |
| 5/16"  | -3.00            | 8.00                     | 0.23            | 0.23  | 0.33                | 0.33                 |                 |
| 3.5  | -2.50            | 5.66                     | 0.25            | 0.25  | 0.58                | 0.58                 |                 |
| 4  | -2.25            | 4.76                     | 0.15            | 0.15  | 0.73                | 0.73                 |                 |
| 5  | -2.00            | 4.00                     | 0.17            | 0.17  | 0.90                | 0.90                 |                 |
| 7  | -1.50            | 2.83                     | 0.49            | 0.49  | 1.39                | 1.39                 |                 |
| 10   | -1.00            | 2.00                     | 0.87            | 0.87  | 2.26                | 2.26                 |                 |
| 14   | -0.50            | 1.41                     | 1.87            | 1.87  | 4.13                | 4.13                 |                 |
| 18   | 0.00             | 1.00                     | 2.58            | 2.58  | 6.71                | 6.71                 |                 |
| 25   | 0.50             | 0.71                     | 4.25            | 4.25  | 10.96               | 10.96                |                 |
| 35   | 1.00             | 0.50                     | 6.12            | 6.12  | 17.08               | 17.08                |                 |
| 45   | 1.50             | 0.35                     | 5.56            | 5.56  | 22.64               | 22.64                |                 |
| 60   | 2.00             | 0.25                     | 6.26            | 6.26  | 28.90               | 28.90                |                 |
| 80   | 2.50             | 0.18                     | 13.63           | 13.63   | 42.53               | 42.53                |                 |
| 120  | 3.00             | 0.13                     | 35.65           | 35.65   | 78.18               | 78.18                |                 |
| 170  | 3.50             | 0.09                     | 19.45           | 19.45   | 97.63               | 97.63                |                 |
| 200  | 3.75             | 0.07                     | 0.67            | 0.67  | 98.30               | 98.30                |                 |
| 230  | 4.00             | 0.06                     | 0.20            | 0.20  | 98.50               | 98.50                |                 |
|  |                  |                          |                 |   |                     |                      |                 |
| Phi 5  | Phi 16           | Phi 25                   | Phi 50          | Phi 75  | Phi 84              | Phi 95               |                 |
| 3.43   | 3.15             | 2.96                     | 2.60            | 1.69  | 0.91                | -0.33                |                 |
| Moment   | Mean Phi         | Mean mm                  | Sorting         | Skewness  | Kurtosis            |                      |                 |
| Statistics   | 2.15             | 0.23                     | 1.2             | -1.6  | 5.64                |                      |                 |



| 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 |                               |
|---|--------|------------|------|----------------------------|------------|--|--------|------|------|------|------|--------------------|-------------------------------|
| BA VI   | —●—    | 0.0        | SW   | #200 - 1.70<br>#230 - 1.50 |            |  | 2.6    | 2.15 | -1.6 | 5.64 | 1.2  | Project Name:      | Town of Palm Beach Composites |
| Comments: COMPOSITE   |        |            |      |                            |            |  |        |      |      |      |      | Analysis Date:     | 04-19-07                      |
| Depths and elevations based on measured values                                      |        |            |      |                            |            |  |        |      |      |      |      | Analyzed By:       | JF                            |
|  |        |            |      |                            |            | Coastal Planning & Engineering<br>2481 NW Boca Raton Blvd, Boca Raton<br>FL 33431<br>ph (561) 391-8102<br>fax (561) 391-9116 |        |      |      |      |      | Easting (X, ft):   |                               |
|   |        |            |      |                            |            |  |        |      |      |      |      | Northing (Y, ft):  |                               |
|   |        |            |      |                            |            |  |        |      |      |      |      | Horizontal System: |                               |
|   |        |            |      |                            |            |  |        |      |      |      |      | Vertical System:   |                               |