
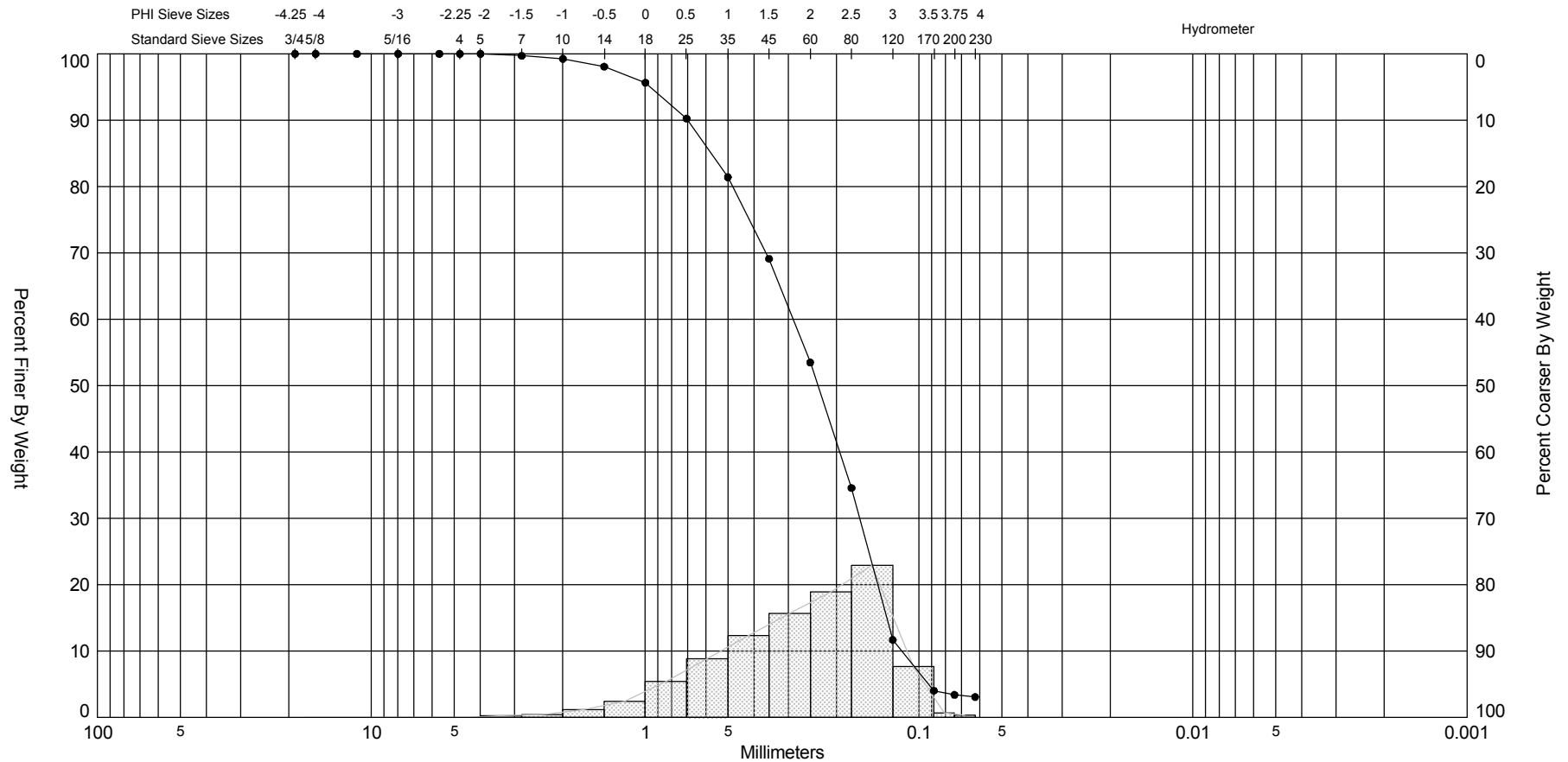



| | | | | | | | |
|--|------------------|--|-----------------|---|---------------------|----------------------|-----------------|
| Granularmetric Report Depths and elevations based on measured values | | | |  Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | |
| Project Name: 2007 Sand Search Investigation | | | | | | | |
| Sample Name: TPVC-07-08 #6 | | | | | | | |
| Analysis Date: 01-18-07 | | | | | | | |
| Analyzed By: au | | | | | | | |
| Easting (ft): | | Northing (ft): | | Coordinate System: | | Elevation (ft): | |
| 972,617 | | 823,989 | | Florida State Plane East | | -39.6 NAVD 88 | |
| USCS: | | Munsell: Wet - 2.5Y-5/1 Dry - 2.5Y-5/1 Washed - 2.5Y-5/1 | | Comments: | | | |
| SW | | | | | | | |
| Dry Weight (g): | Wash Weight (g): | Pan Retained (g): | Sieve Loss (%): | Fines (%): #200 - 3.39 #230 - 3.07 | Organics (%): | Carbonates (%): | Shell Hash (%): |
| 91.80 | 89.20 | 0.12 | 0.11 | | | | 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 | 0.27 | 0.29 | 0.27 | 0.29 | |
| 10 | -1.00 | 2.00 | 0.41 | 0.45 | 0.68 | 0.74 | |
| 14 | -0.50 | 1.41 | 1.09 | 1.19 | 1.77 | 1.93 | |
| 18 | 0.00 | 1.00 | 2.22 | 2.42 | 3.99 | 4.35 | |
| 25 | 0.50 | 0.71 | 4.97 | 5.41 | 8.96 | 9.76 | |
| 35 | 1.00 | 0.50 | 8.10 | 8.82 | 17.06 | 18.58 | |
| 45 | 1.50 | 0.35 | 11.29 | 12.30 | 28.35 | 30.88 | |
| 60 | 2.00 | 0.25 | 14.37 | 15.65 | 42.72 | 46.53 | |
| 80 | 2.50 | 0.18 | 17.36 | 18.91 | 60.08 | 65.44 | |
| 120 | 3.00 | 0.13 | 21.00 | 22.88 | 81.08 | 88.32 | |
| 170 | 3.50 | 0.09 | 7.03 | 7.66 | 88.11 | 95.98 | |
| 200 | 3.75 | 0.07 | 0.58 | 0.63 | 88.69 | 96.61 | |
| 230 | 4.00 | 0.06 | 0.29 | 0.32 | 88.98 | 96.93 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 3.44 | 2.91 | 2.71 | 2.09 | 1.26 | 0.85 | 0.06 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 1.88 | 0.27 | 0.99 | -0.73 | 3.24 | | |

SIEVE ANALYSIS TOPB_VC_07.GPJ FL DEP ROSS.GDT 5/10/07



| 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 | |
|---|--------|------------|------|----------------------------|------------|--|--------|------|-------|------|------|--------------------|--------------------------------|
| TPVC-07-08 #6 | —●— | -39.6 | SW | #200 - 3.39 #230 - 3.07 | | | 2.09 | 1.88 | -0.73 | 3.24 | 0.99 | Project Name: | 2007 Sand Search Investigation |
| Comments: | | | | | | | | | | | | Analysis Date: | 01-18-07 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | au |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 972,617 |
| | | | | | | | | | | | | Northing (Y, ft): | 823,989 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |