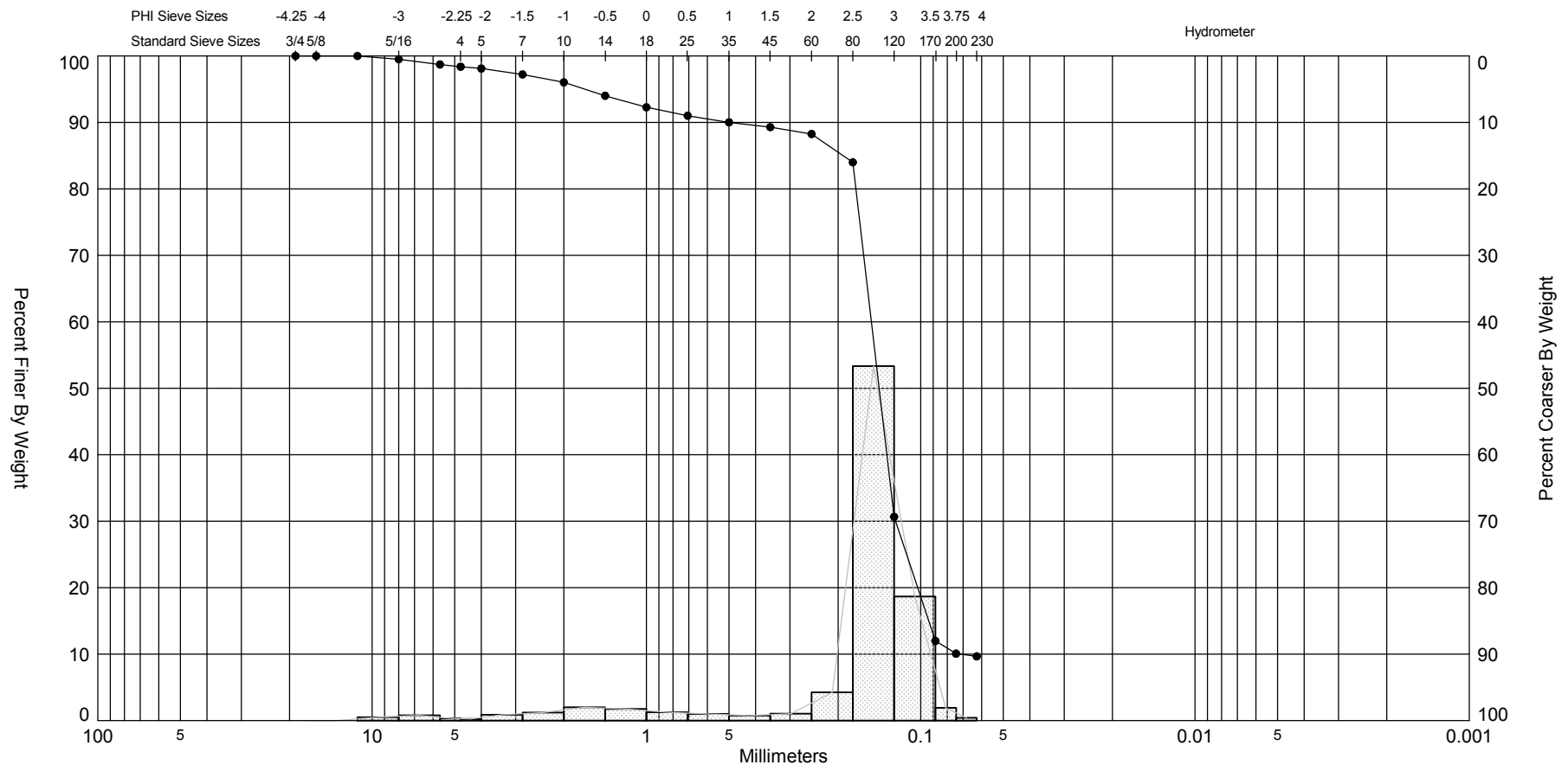




SIEVE ANALYSIS 2012-3-1 BONITA BEACH.GPJ FL DEP ROSS.GDT 3/28/12

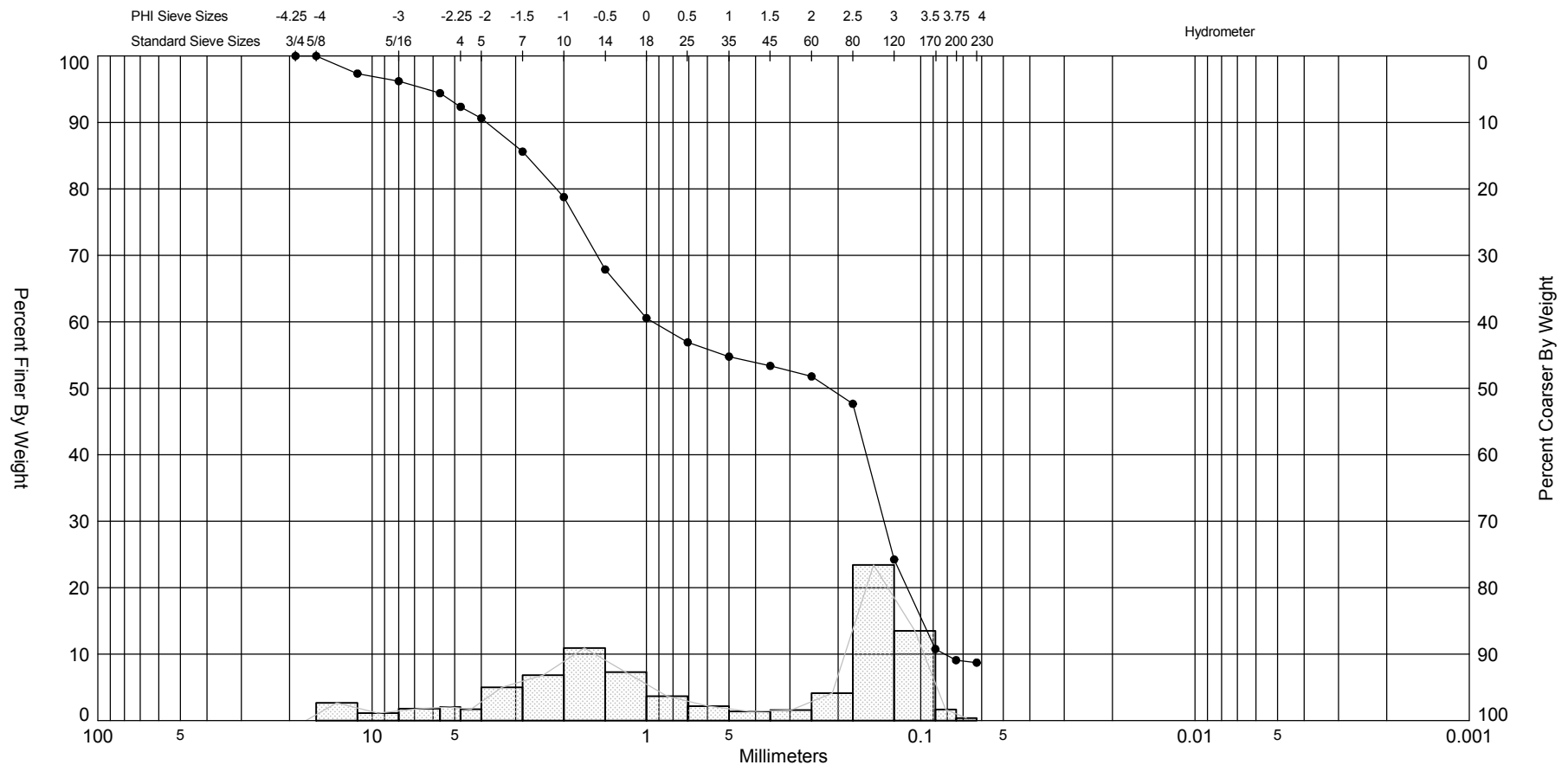


1333 Gateway Dr., Suite 1004
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Fax (321) 751-2343


| | | | | | |
|--------|------|--------|--------|------|---------------|
| Gravel | | Sand | | | Silt and Clay |
| Coarse | Fine | Coarse | Medium | Fine | |

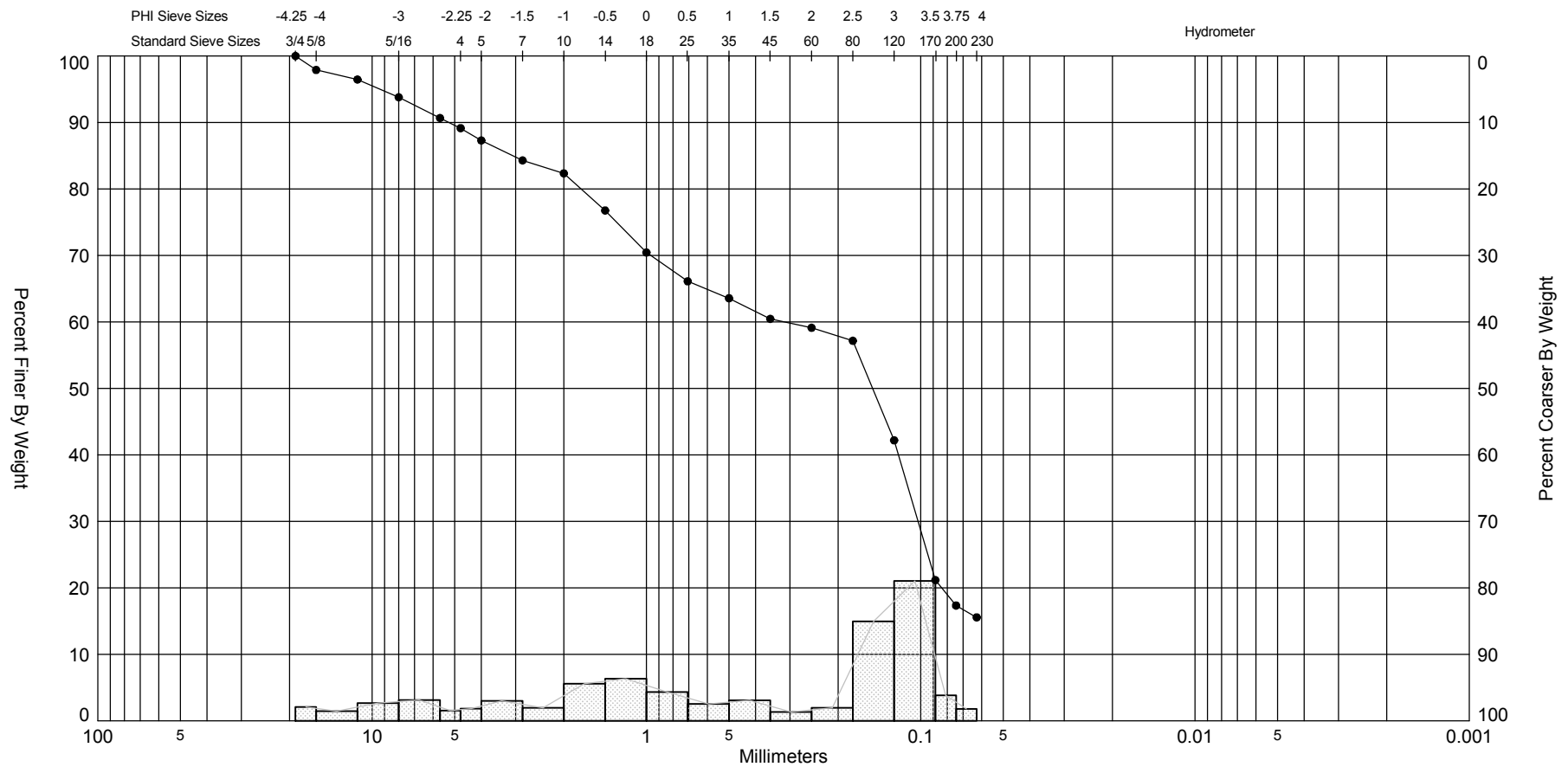
| Sample | Symbol | Elev. (ft) | USCS | % Fines | % Organics | % Carbonates | Median | Mean | Skew | Kurt | Sort | Sample Information | |
|---|---|------------|-------|----------------------------|------------|---|--------|------|-------|------|------|--------------------|--------------|
| C-14 #2 |  | -13.2 | SW-SM | #200 - 7.52 #230 - 7.01 | 1.60 | 11.50 | 2.79 | 2.45 | -2.54 | 8.83 | 1.17 | Project Name: | Bonita Beach |
| Comments: | | | | | | | | | | | | Analysis Date: | 03-21-12 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | WD |
|  COASTAL TECH Coastal Geology & Sediments Laboratory | | | | | | 1333 Gateway Dr., Suite 1004 Melbourne, FL 32901 Phone (321) 751-1135 Fax (321) 751-2343 | | | | | | Easting (X, ft): | 685,466 |
| | | | | | | | | | | | | Northing (Y, ft): | 754,243.2 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |

SIEVE ANALYSIS 2012-3-1 BONITA BEACH.GPJ FL DEP ROSS.GDT 3/28/12




| 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 | |
|---|--------|------------|-------|----------------------------|------------|--------------|--------|------|-------|------|------|--------------------|--------------|
| C-14 #3 | —●— | -14.7 | SW-SM | #200 - 9.09 #230 - 8.72 | 2.60 | 50.00 | 2.22 | 0.85 | -0.37 | 1.77 | 2.16 | Project Name: | Bonita Beach |
| Comments: | | | | | | | | | | | | Analysis Date: | 03-21-12 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | WD |
|  COASTAL TECH Coastal Geology & Sediments Laboratory | | | | | | | | | | | | Easting (X, ft): | 685,466 |
| | | | | | | | | | | | | Northing (Y, ft): | 754,243.2 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |
| 1333 Gateway Dr., Suite 1004 Melbourne, FL 32901 Phone (321) 751-1135 Fax (321) 751-2343 | | | | | | | | | | | | | |



| 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 | |
|---|--------|------------|------|------------------------------|------------|--------------|--------|------|-------|------|------|--------------------|--------------|
| C-14 #4 | —●— | -17.7 | SM | #200 - 17.34 #230 - 15.56 | 3.00 | 47.50 | 2.74 | 1.08 | -0.65 | 2.09 | 2.37 | Project Name: | Bonita Beach |
| Comments: | | | | | | | | | | | | Analysis Date: | 03-21-12 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | WD |
|  COASTAL TECH Coastal Geology & Sediments Laboratory | | | | | | | | | | | | Easting (X, ft): | 685,466 |
| | | | | | | | | | | | | Northing (Y, ft): | 754,243.2 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |
| 1333 Gateway Dr., Suite 1004 Melbourne, FL 32901 Phone (321) 751-1135 Fax (321) 751-2343 | | | | | | | | | | | | | |