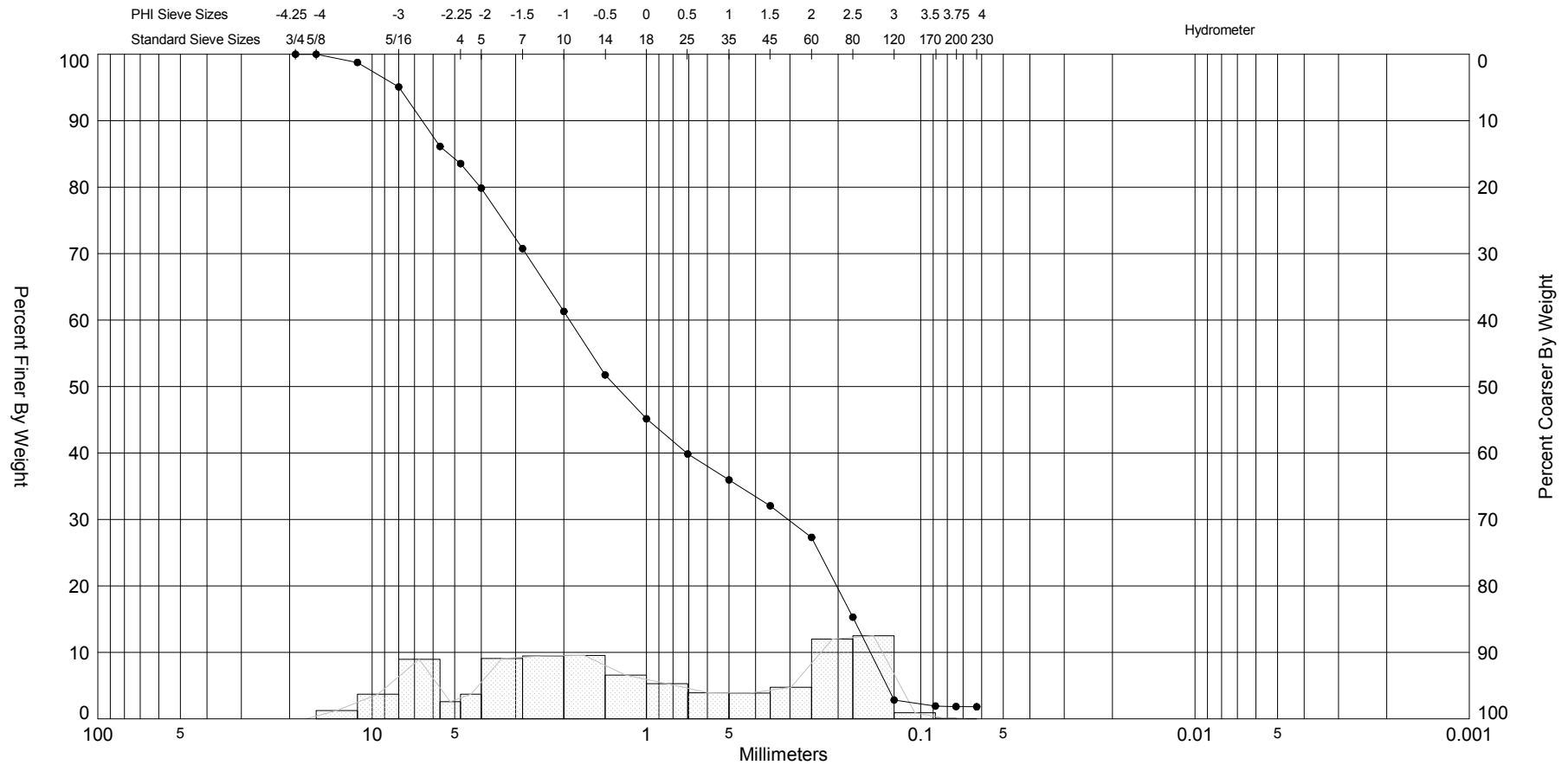



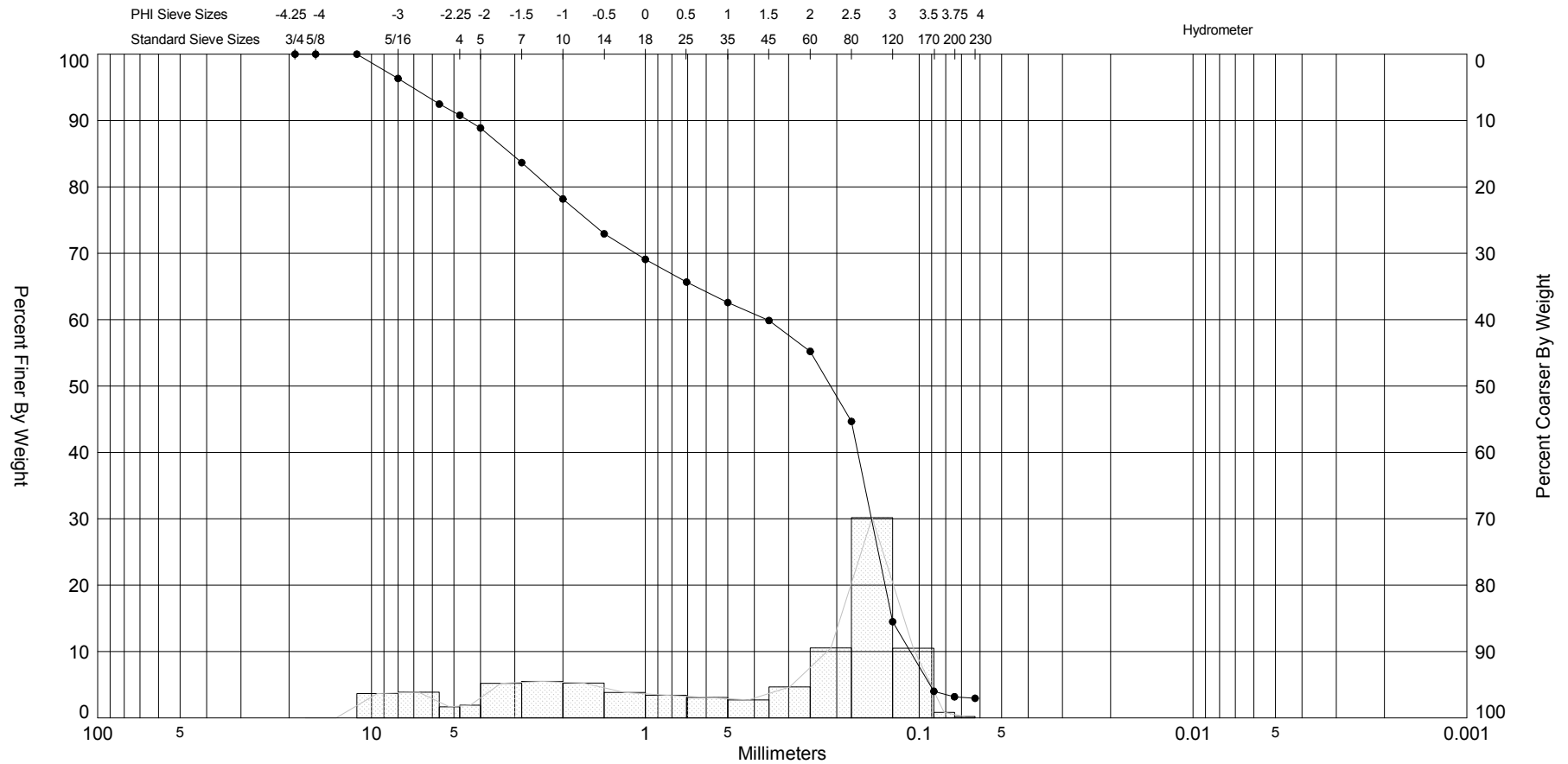
SIEVE ANALYSIS AMVC-13-GPJ_JPBRAZIL.GDT 4/26/13




| 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 | |
|---|--------|------------|------|----------------------------|------------|--------------|--------------------------------|------|------|------|------|--------------------|----------------------|
| AMVC-13-04 #1 | —●— | -16.1 | SW | #200 - 1.85 #230 - 1.82 | | | | -0.1 | 0.08 | 1.68 | 2 | Project Name: | AMI 2013 Sand Search |
| Comments: | | | | | | | | | | | | Analysis Date: | 02-21-13 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | LC |
|  | | | | | | | Coastal Planning & Engineering | | | | | | |
| | | | | | | | 2481 NW Boca Raton Blvd. | | | | | | |
| | | | | | | | Boca Raton, FL 33431 | | | | | | |
| | | | | | | | ph (561) 391-8102 | | | | | | |
| | | | | | | | fax (561) 391-9116 | | | | | | |
| | | | | | | | | | | | | Easting (X, ft): | 409,470 |
| | | | | | | | | | | | | Northing (Y, ft): | 1,164,003 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |

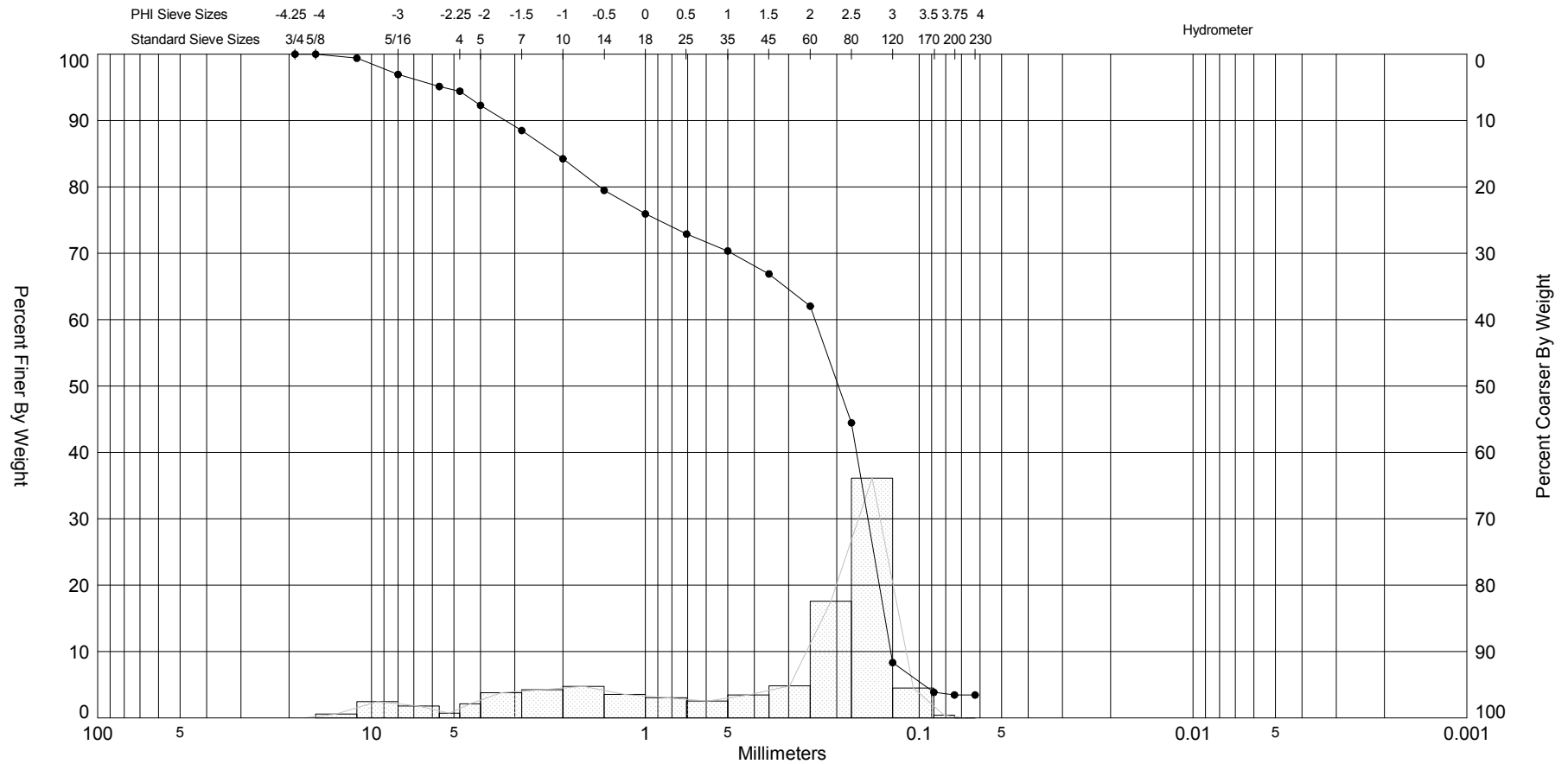
SIEVE ANALYSIS AMVC-13.GPJ JPBRZIL.GDT 4/26/13





| 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 | |
|---|--------|------------|------|----------------------------|------------|---|--------|------|-------|------|------|--------------------|----------------------|
| AMVC-13-04 #2 | —●— | -17.6 | SW | #200 - 3.18 #230 - 2.96 | | | 2.25 | 1.11 | -0.72 | 2.05 | 2.08 | Project Name: | AMI 2013 Sand Search |
| Comments: | | | | | | | | | | | | Analysis Date: | 02-22-13 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | GB |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 409,470 |
| | | | | | | | | | | | | Northing (Y, ft): | 1,164,003 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |

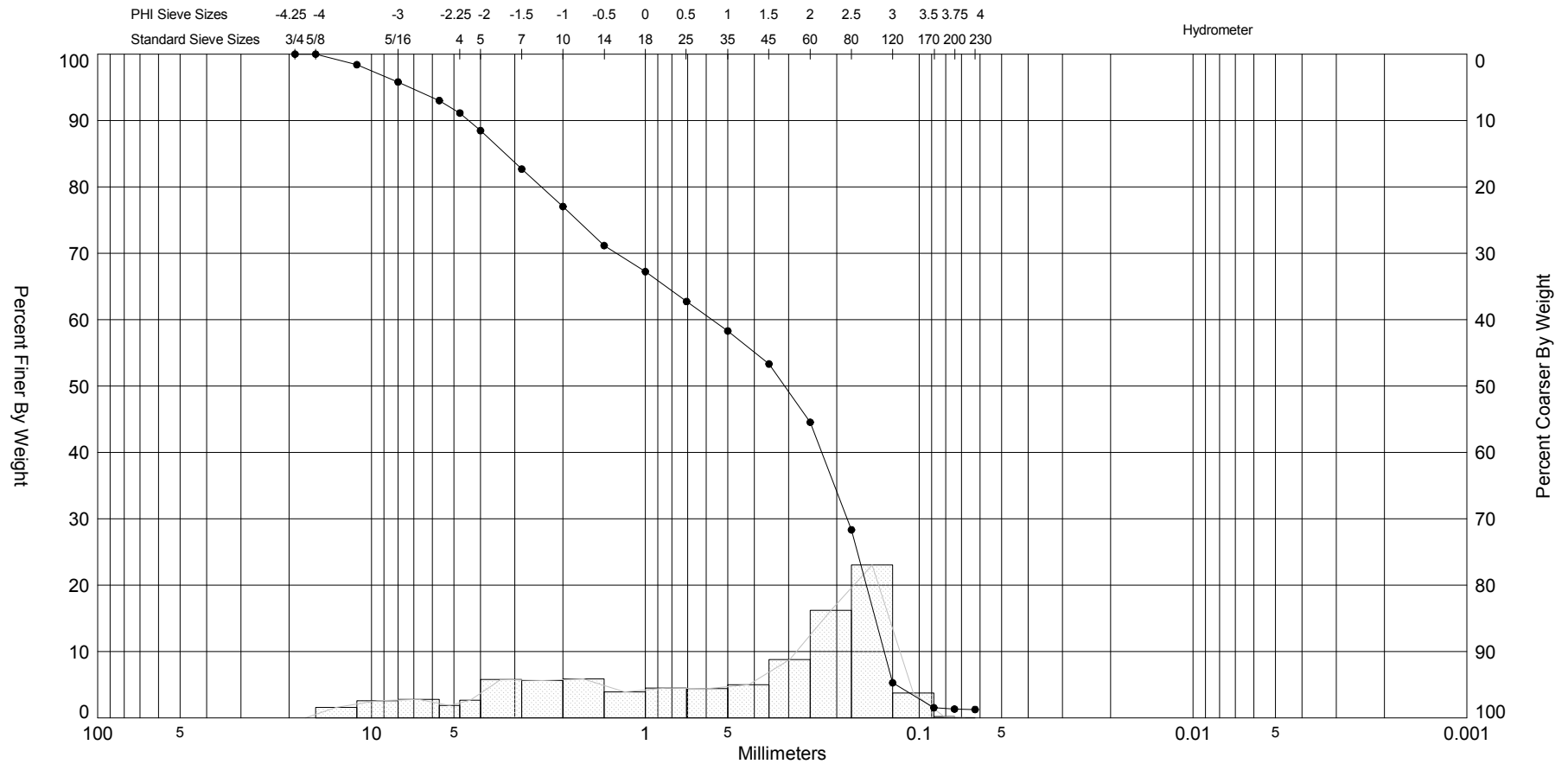
SIEVE ANALYSIS AMVC-13.GPJ JPBRZIL.GDT 4/26/13



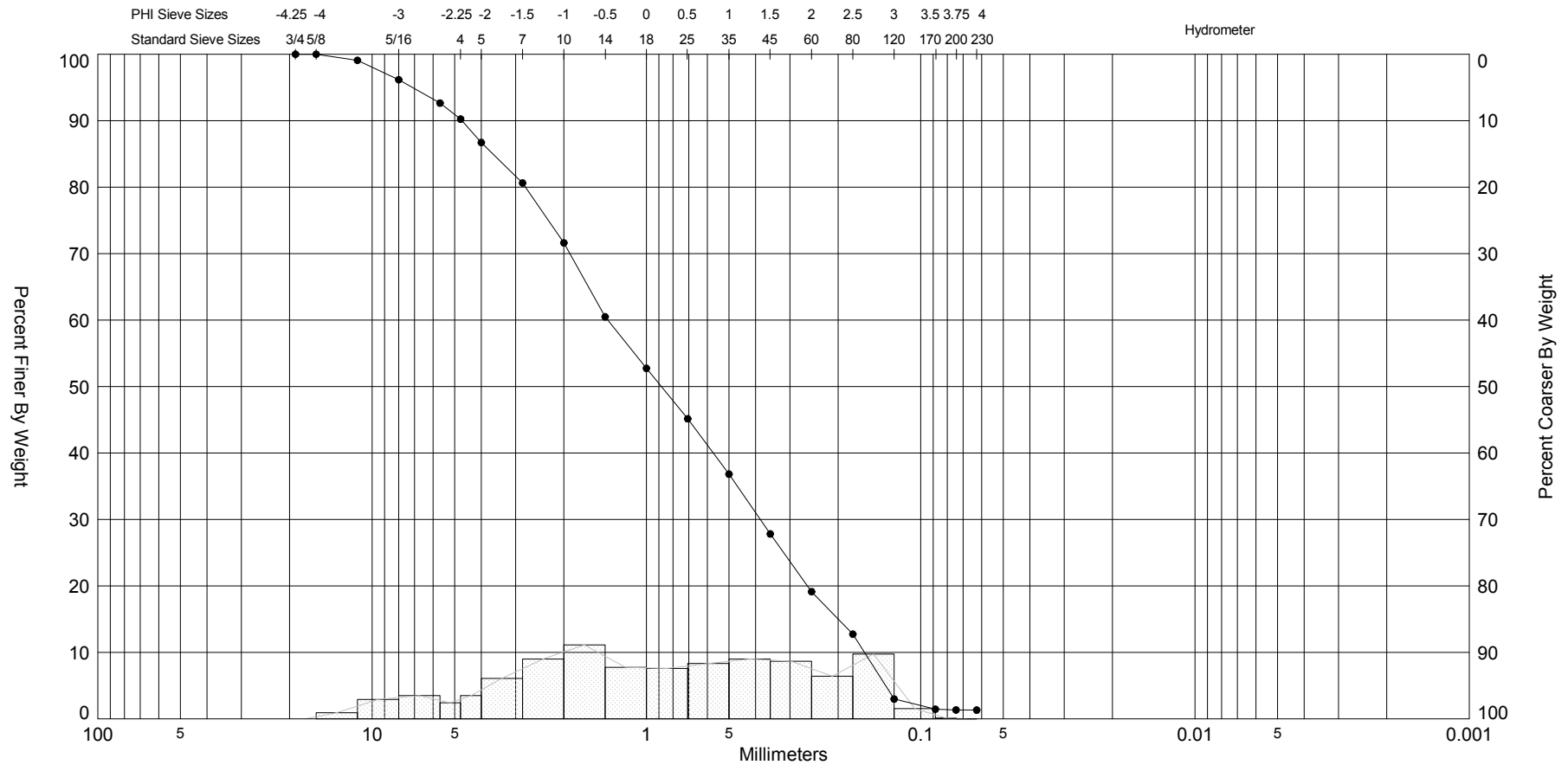
| Gravel | | Sand | | | Silt and Clay | |
|--------|------|--------|--------|------|---------------|--|
| Coarse | Fine | Coarse | Medium | Fine | | |

| Sample | Symbol | Elev. (ft) | USCS | % Fines | % Organics | % Carbonates | Median | Mean | Skew | Kurt | Sort | Sample Information | |
|---|---|------------|------|----------------------------|------------|---|--------|------|------|------|------|--------------------|----------------------|
| AMVC-13-04 #3 |  | -19.5 | SW | #200 - 3.46 #230 - 3.45 | | | 2.34 | 1.37 | -1.1 | 2.89 | 1.87 | Project Name: | AMI 2013 Sand Search |
| Comments: | | | | | | | | | | | | Analysis Date: | 02-22-13 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | GB |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 409,470 |
| | | | | | | | | | | | | Northing (Y, ft): | 1,164,003 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |


SIEVE ANALYSIS AMVC-13-GPJ_JPBRAZIL.GDT 4/26/13



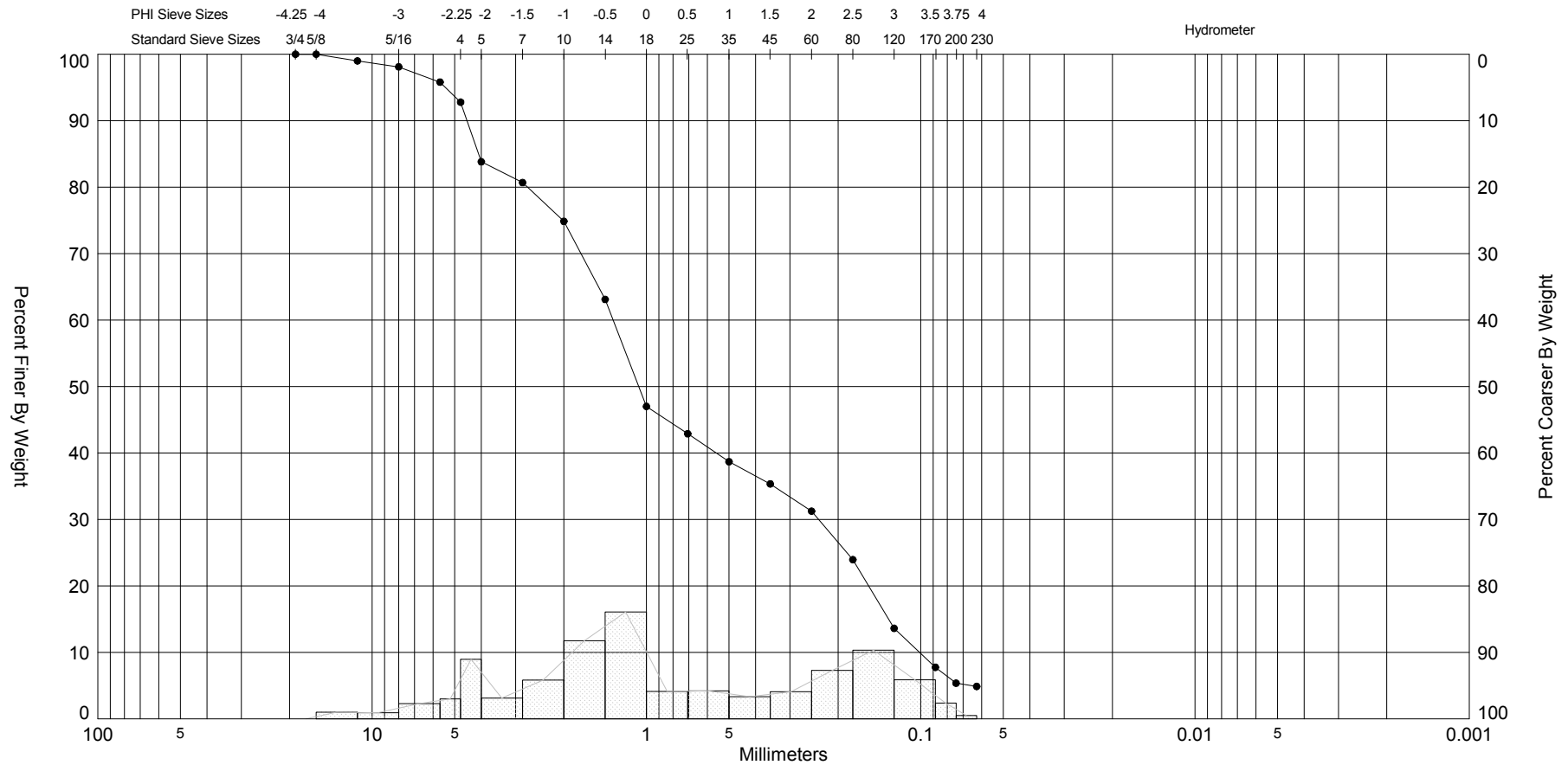
SIEVE ANALYSIS AMVC-13.GPJ JPBRZIL.GDT 4/26/13





| 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 | |
|---|--------|------------|------|----------------------------|------------|---|--------|------|-------|------|------|--------------------|----------------------|
| AMVC-13-04 #5 | —●— | -21.1 | SW | #200 - 1.34 #230 - 1.32 | | | 0.18 | 0.14 | -0.12 | 2.05 | 1.76 | Project Name: | AMI 2013 Sand Search |
| Comments: | | | | | | | | | | | | Analysis Date: | 02-22-13 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | GB |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 409,470 |
| | | | | | | | | | | | | Northing (Y, ft): | 1,164,003 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |

SIEVE ANALYSIS AMVC-13.GPJ JPBRZIL.GDT 4/26/13



| 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 | |
|---|---|------------|-------|----------------------------|------------|---|--------|------|------|------|------|--------------------|----------------------|
| AMVC-13-04 #6 |  | -23.5 | SW-SC | #200 - 5.37 #230 - 4.88 | | | | 0.26 | 0.14 | 1.9 | 1.93 | Project Name: | AMI 2013 Sand Search |
| Comments: | | | | | | | | | | | | Analysis Date: | 02-22-13 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | GB |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 409,470 |
| | | | | | | | | | | | | Northing (Y, ft): | 1,164,003 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |