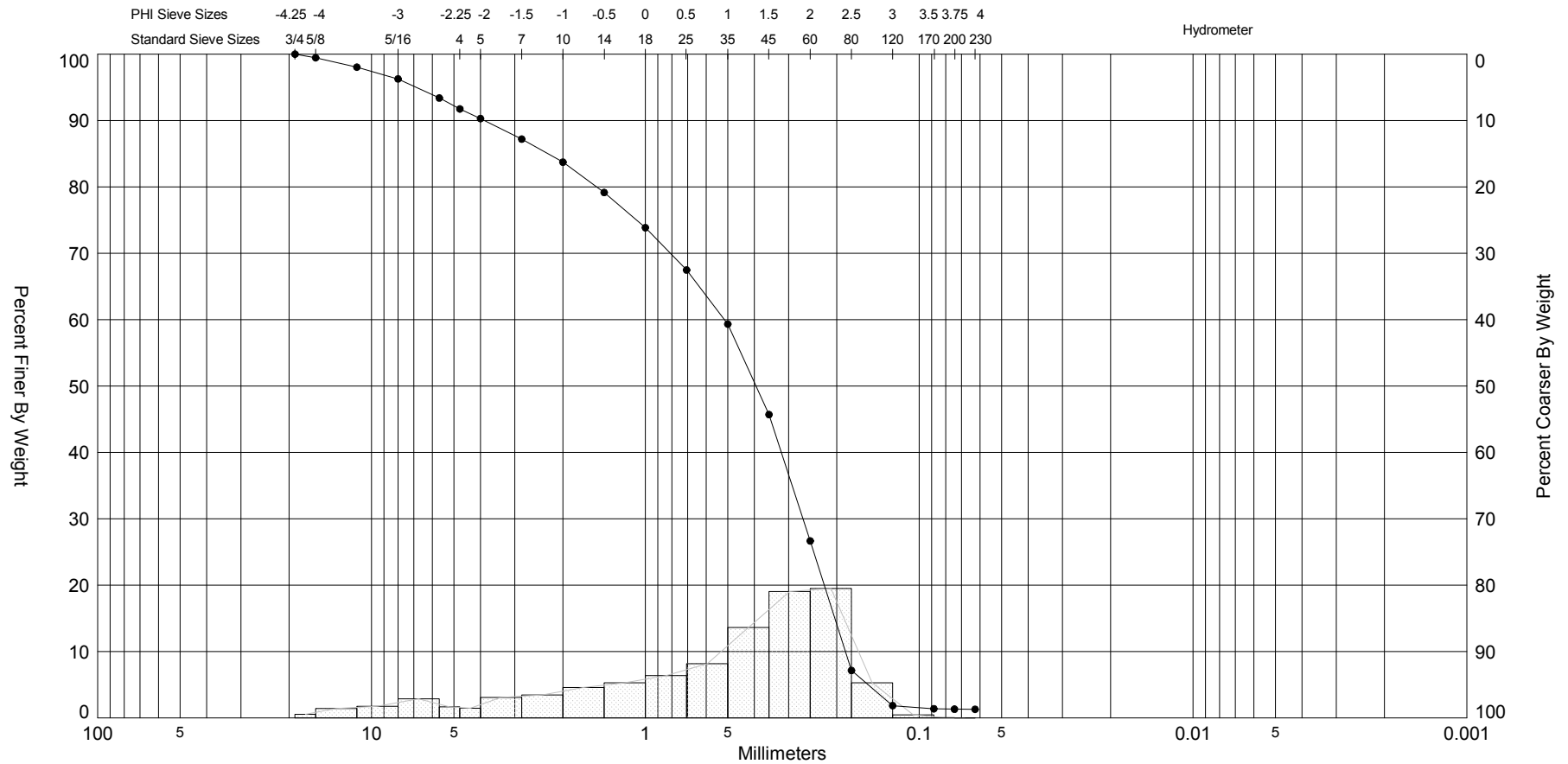
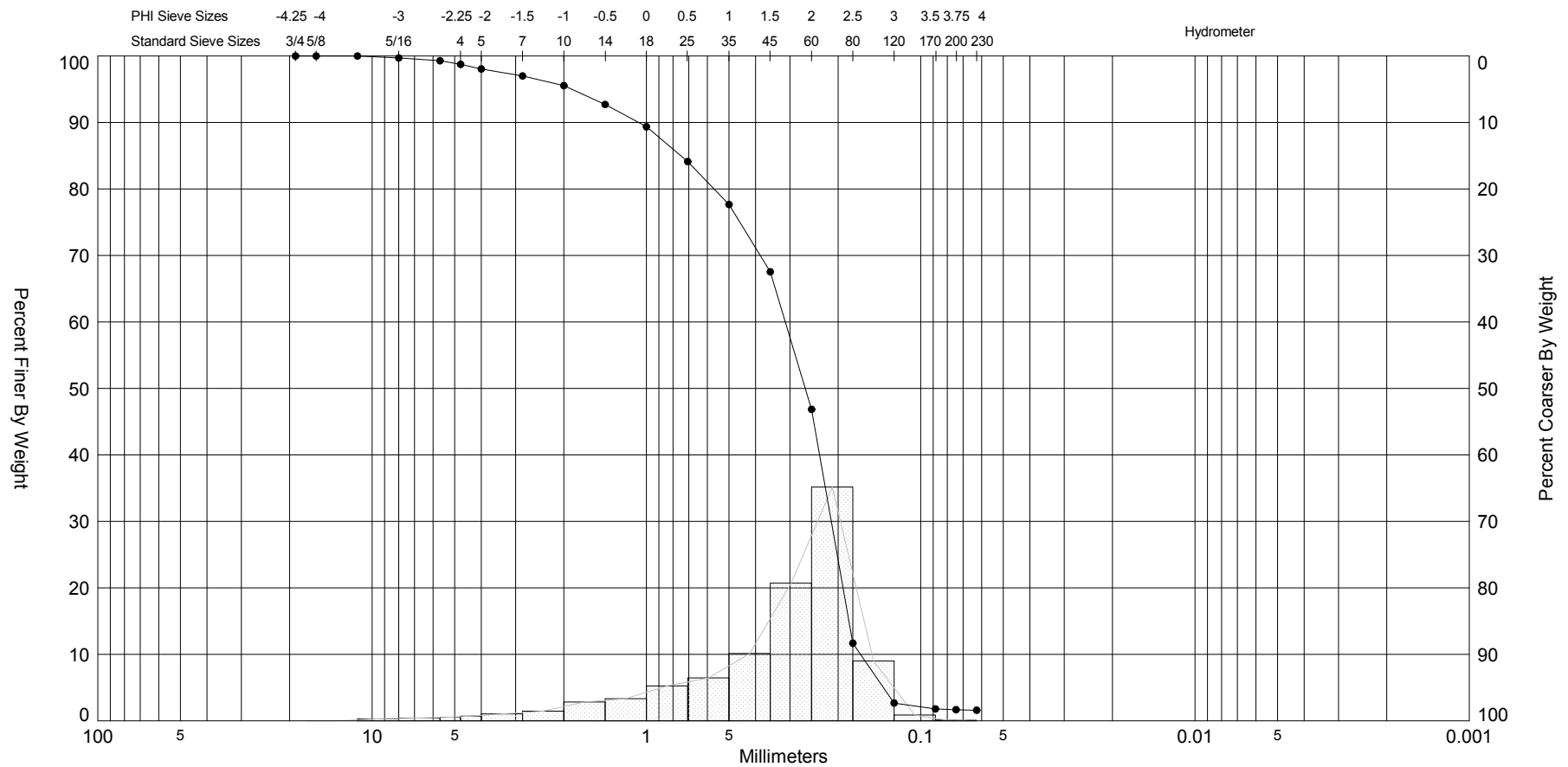



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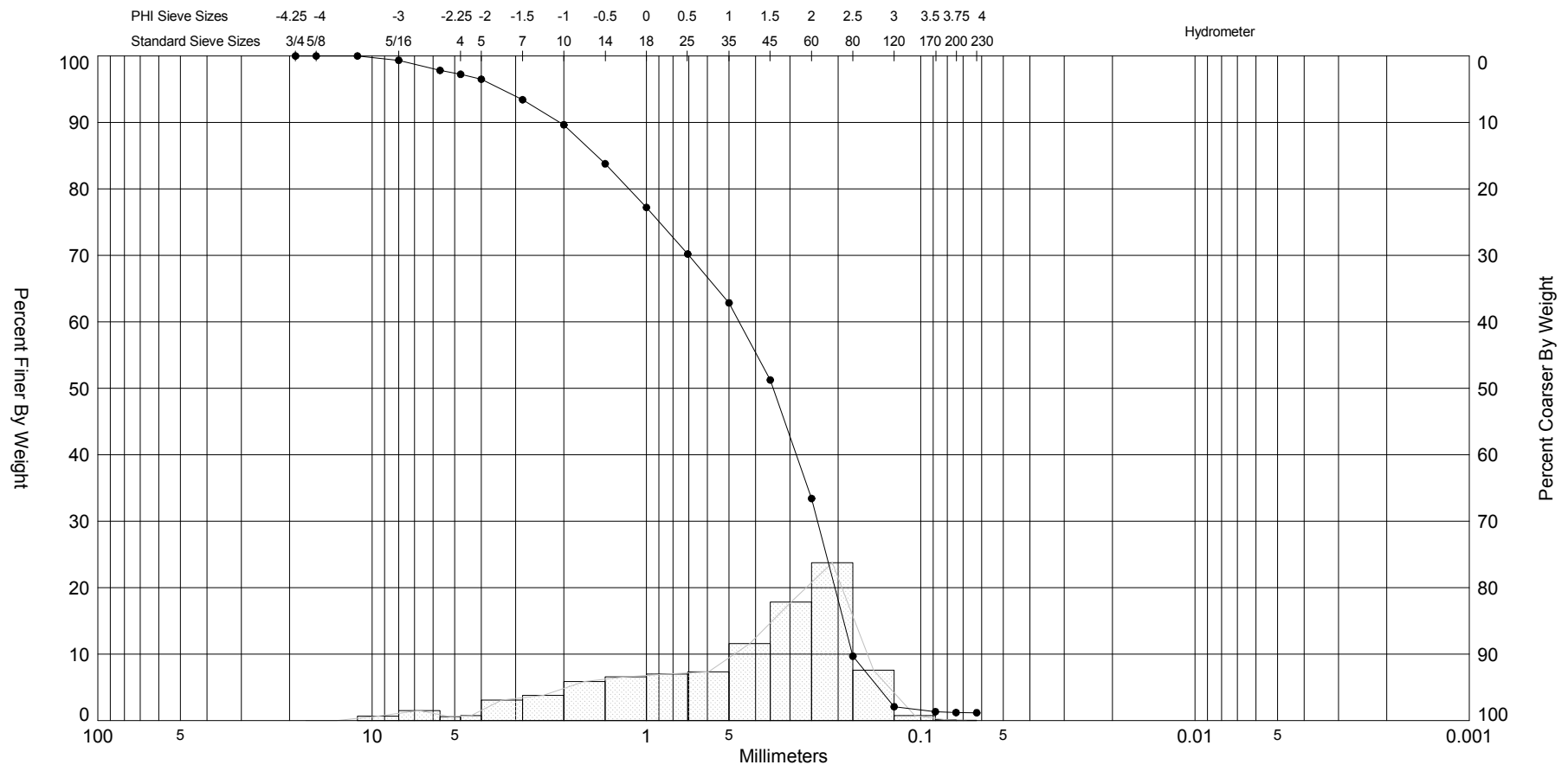
SIEVE ANALYSIS FL\_BOEM\_2015\_VC.GPJ\_JPBRAZIL.GDT 9/12/16




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	
FL-BOEM-2015-VC15 #2	—●—	-61.8	SW	#200 - 1.68 #230 - 1.60		34	1.92	1.54	-1.56	5.43	1.15	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments:												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	SMT
 <div> <b>CB&amp;I</b>            Coastal Planning &amp; Engineering, Inc.            2481 NW Boca Raton Blvd.            Boca Raton, FL 33431            ph (561) 391 8102         </div>												Easting (X, m):	518,706
												Northing (Y, m):	3,224,812
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88

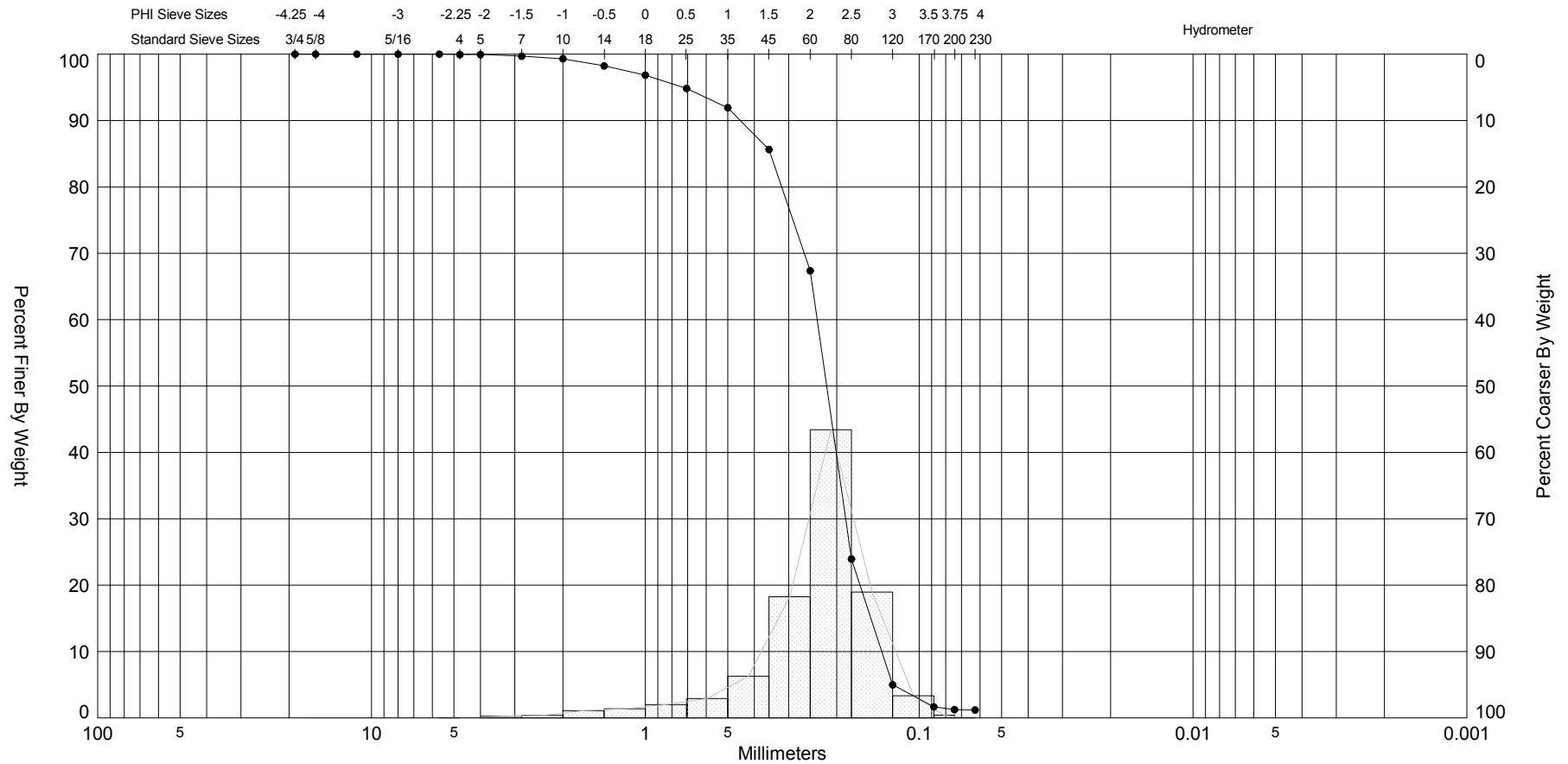
SIEVE ANALYSIS FL\_BOEM\_2015\_VC.GPJ\_JPBRAZIL.GDT 9/12/16




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	
FL-BOEM-2015-VC15 #3	—●—	-62.5	SW	#200 - 1.21 #230 - 1.18		47	1.54	1.06	-0.93	3.1	1.41	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments:												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	SMT
												Easting (X, m):	518,706
												Northing (Y, m):	3,224,812
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88
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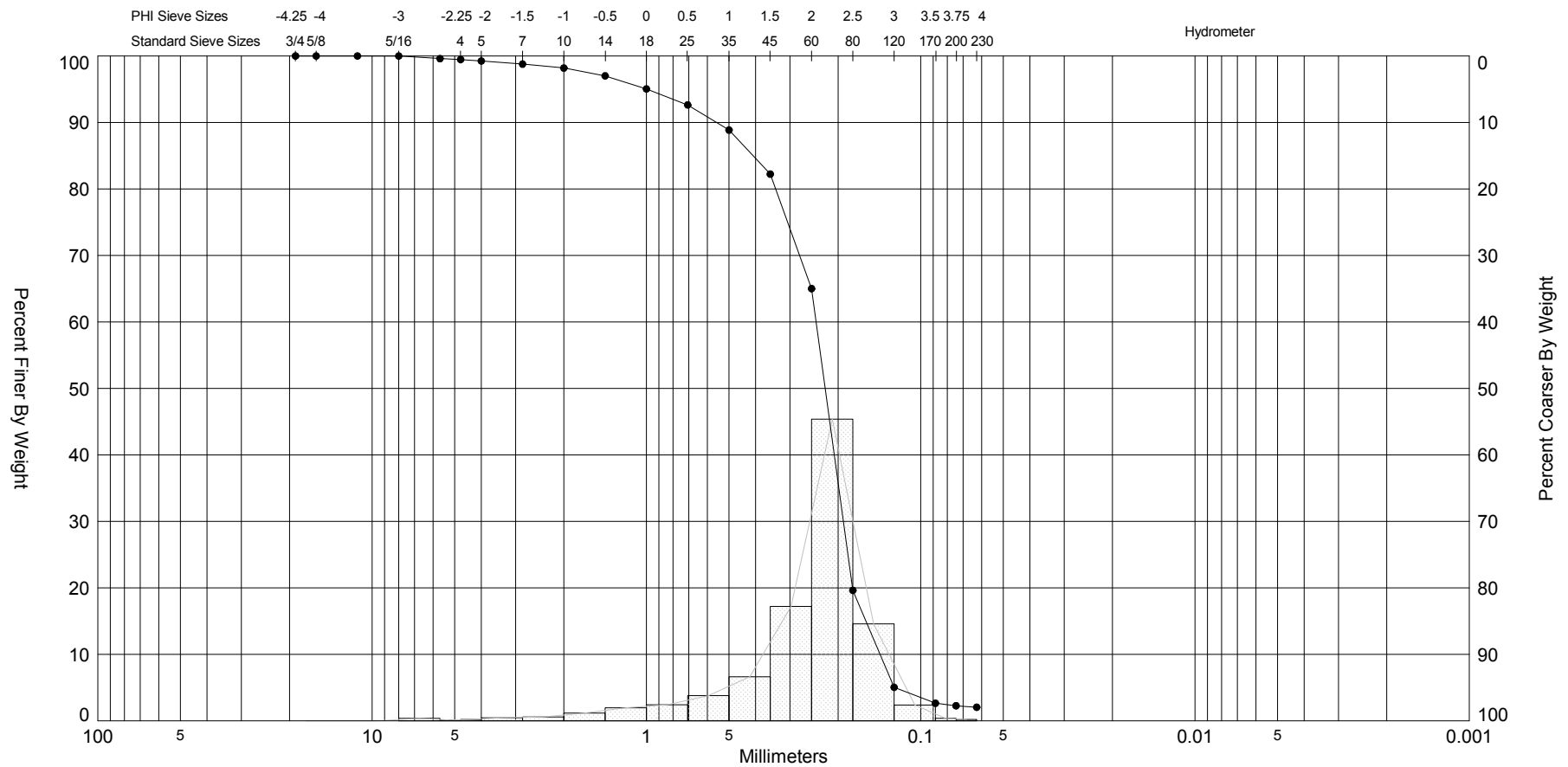
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Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

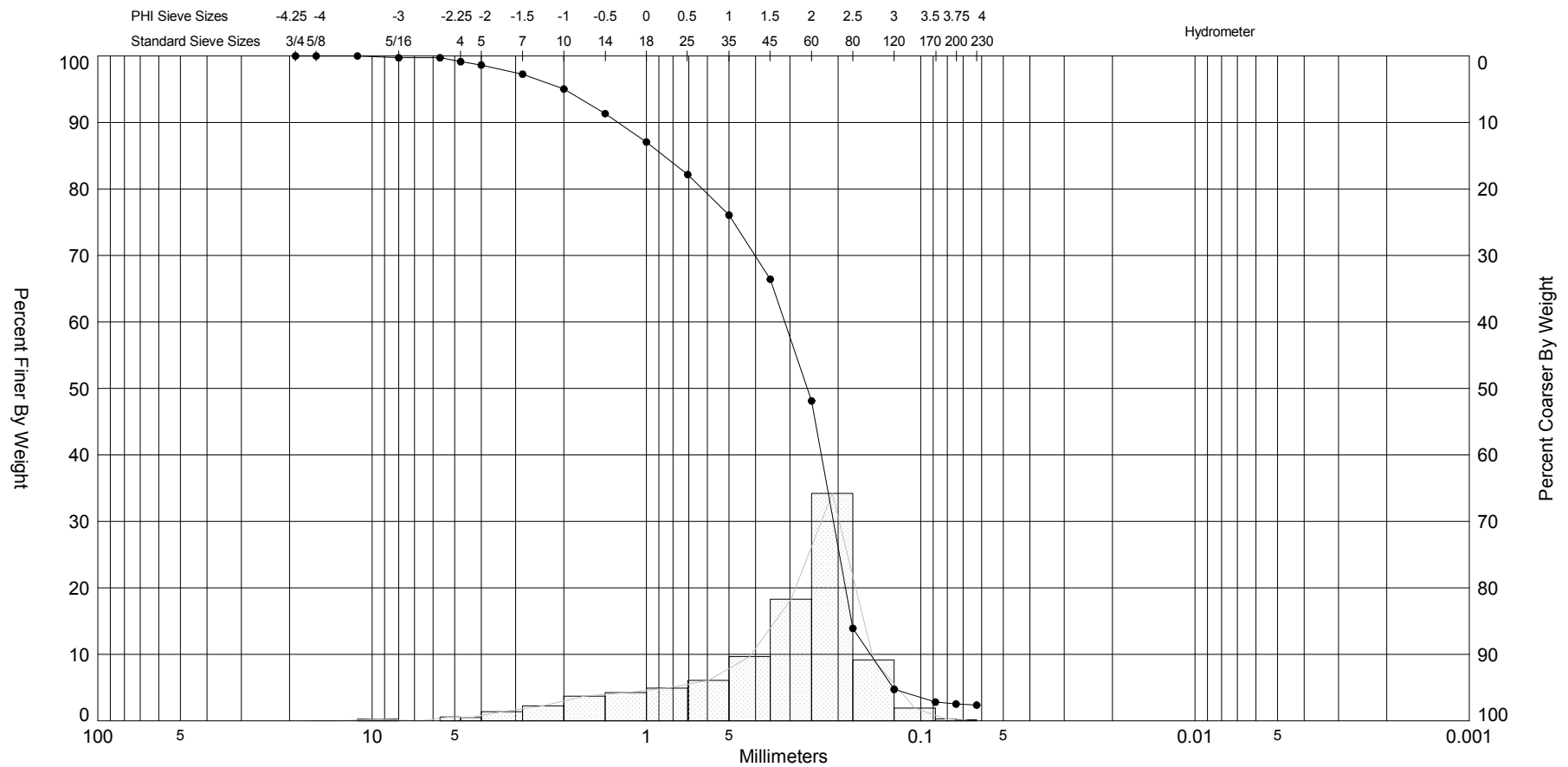
Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
FL-BOEM-2015-VC15 #4	—●—	-63.4	SP	#200 - 1.25 #230 - 1.19		18	2.2	2.05	-1.78	7.8	0.77	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments:												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	SMT
												Easting (X, m):	518,706
												Northing (Y, m):	3,224,812
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88
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Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
FL-BOEM-2015-VC15 #5	—●—	-65.1	SW	#200 - 2.27 #230 - 2.05		23	2.17	1.93	-2.08	8.88	0.91	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments:												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	SMT
 <div> <b>CB&amp;I</b>            Coastal Planning &amp; Engineering, Inc.            2481 NW Boca Raton Blvd.            Boca Raton, FL 33431            ph (561) 391 8102         </div>												Easting (X, m):	518,706
												Northing (Y, m):	3,224,812
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88

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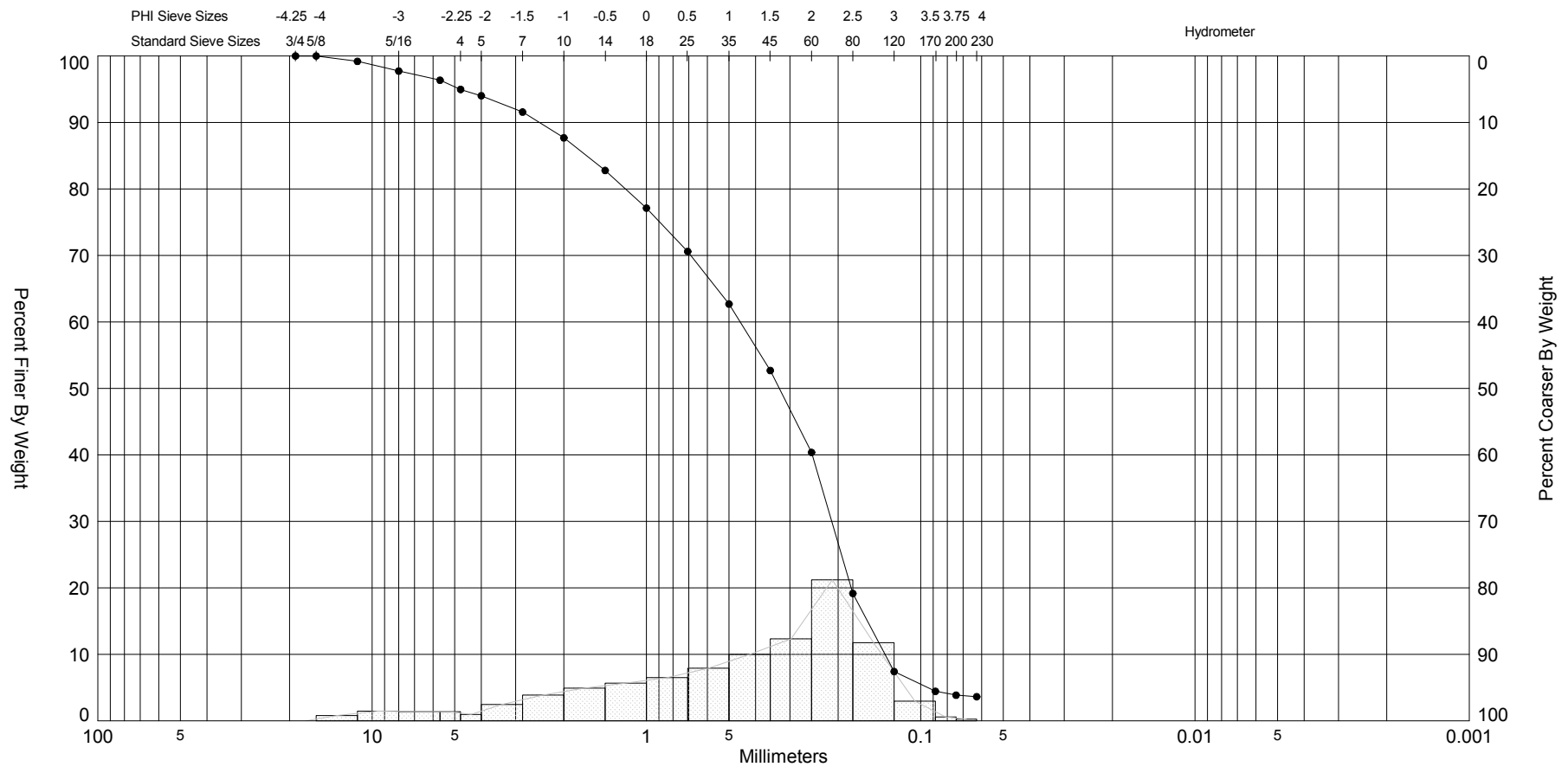
Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

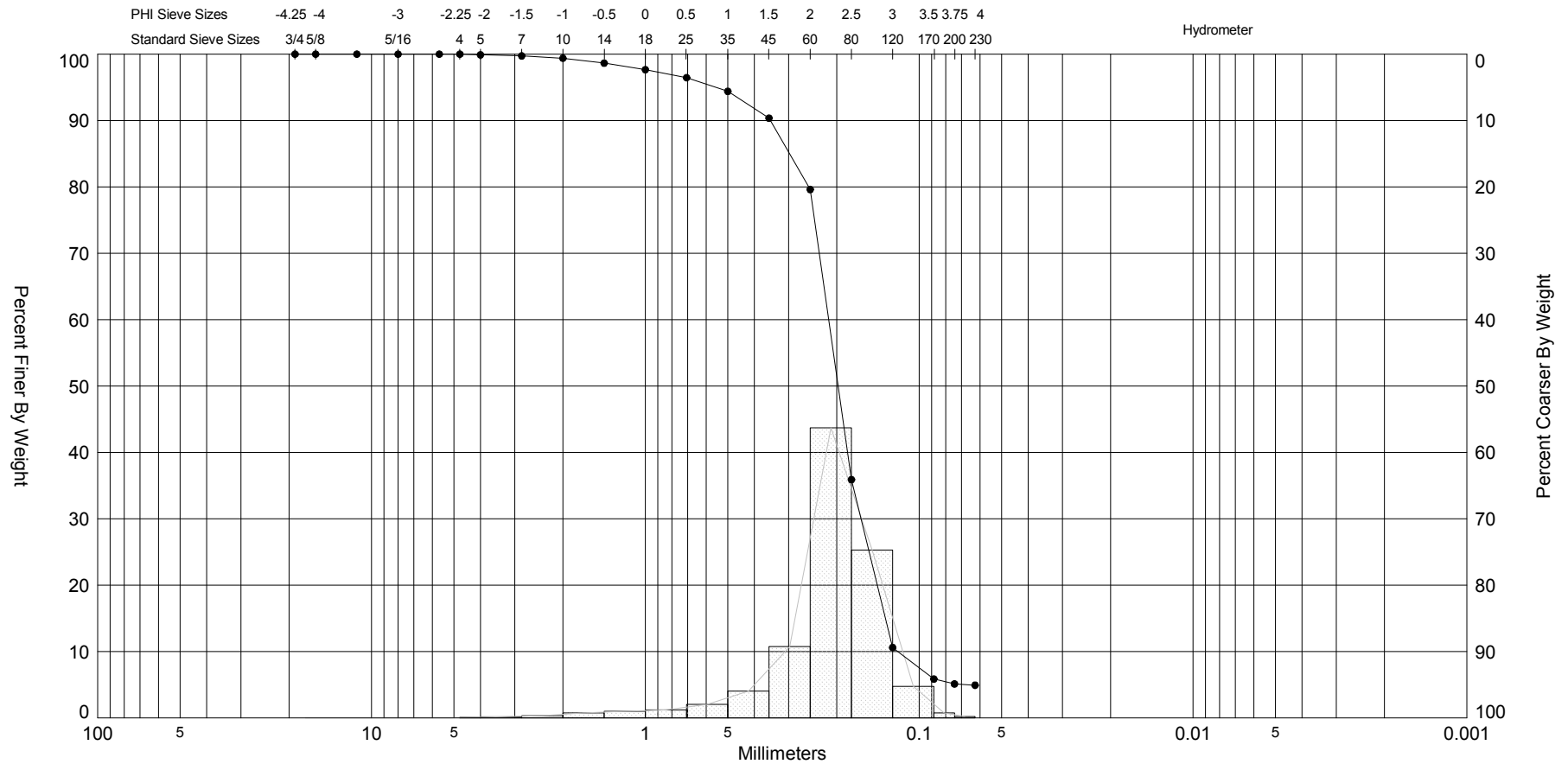
Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
FL-BOEM-2015-VC15 #6	—●—	-66.6	SW	#200 - 2.53 #230 - 2.37		38	1.95	1.51	-1.29	4.33	1.19	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments:												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	09-30-15
												Easting (X, m):	SMT
												Northing (Y, m):	518,706
												Horizontal System:	3,224,812
												Vertical System:	NAD 1983
													NAVD88





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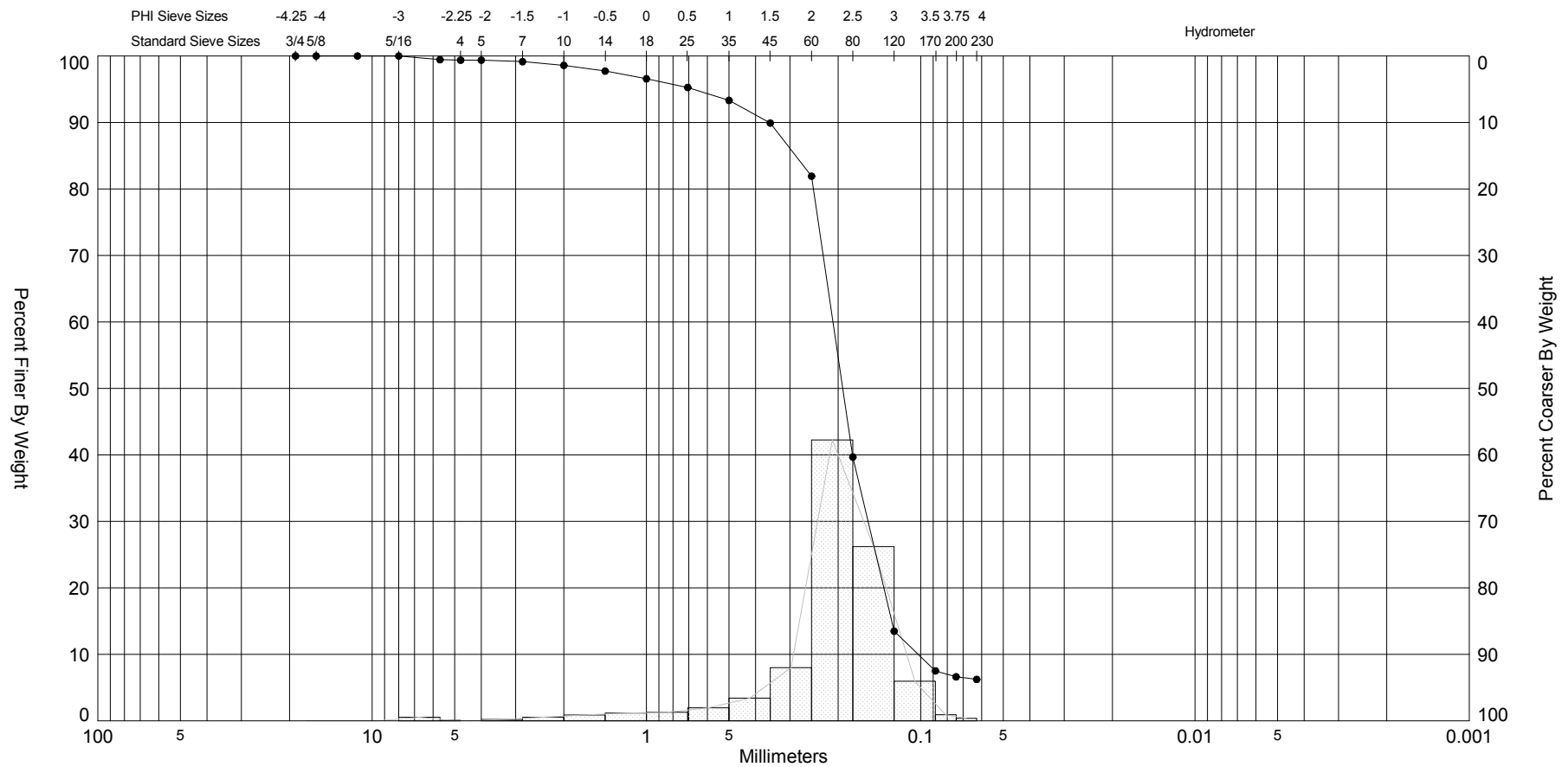


Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	


Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
FL-BOEM-2015-VC15 #8		-69.9	SP-SM	#200 - 5.12 #230 - 4.93		20	2.34	2.22	-2.04	9.75	0.73	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments: 1.05g (1.0" x 0.5") sand dollar fragment removed prior to sieving												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	09-30-15
						CB&I Coastal Planning & Engineering, Inc. 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391 8102						Easting (X, m):	SMT
													518.706
												Northing (Y, m):	3,224.812
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88



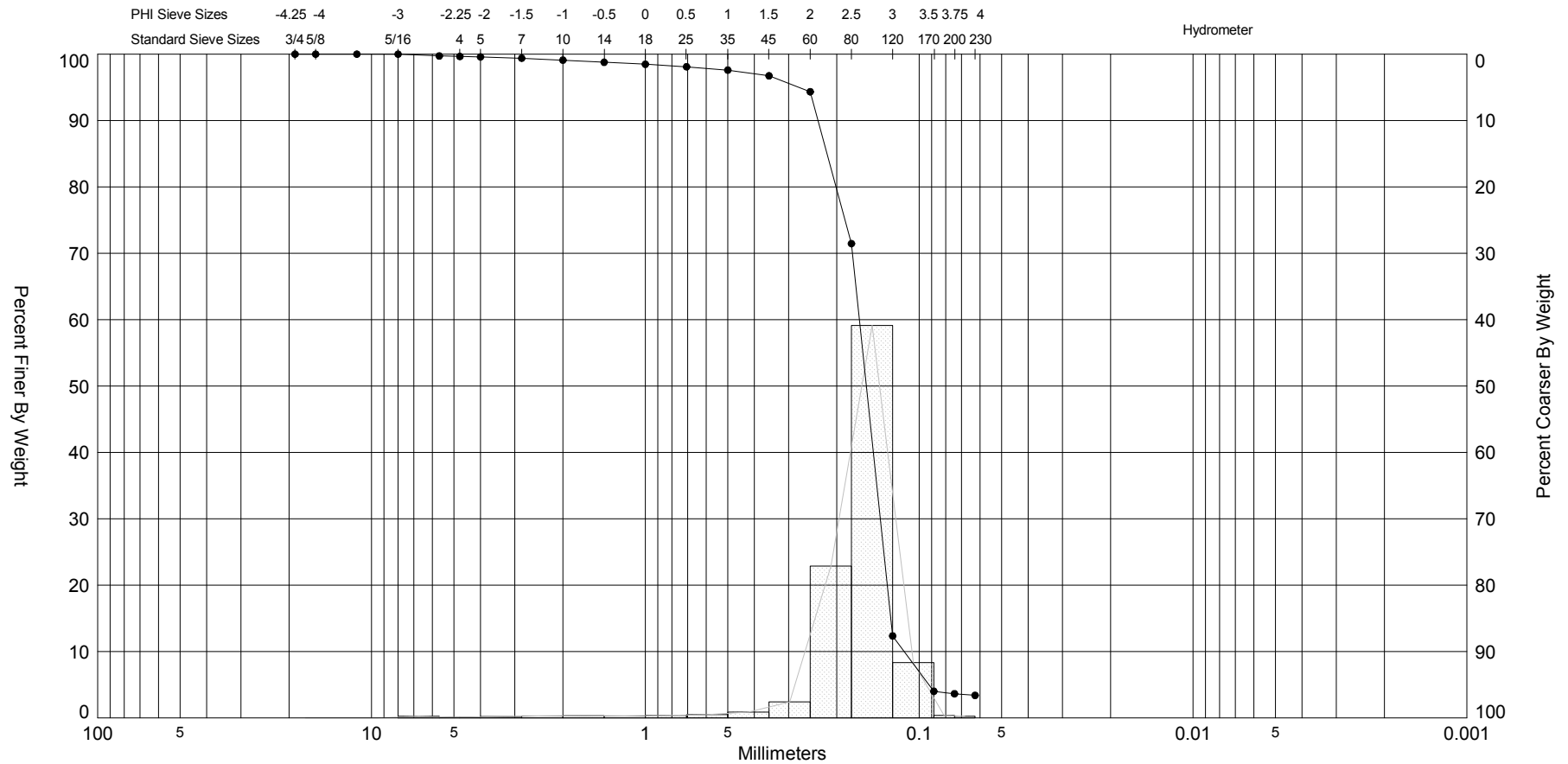
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Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
FL-BOEM-2015-VC15 #9	—●—	-71.2	SW-SM	#200 - 6.62 #230 - 6.23		22	2.38	2.21	-2.54	12.33	0.87	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments:												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	SMT
												Easting (X, m):	518,706
												Northing (Y, m):	3,224,812
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88
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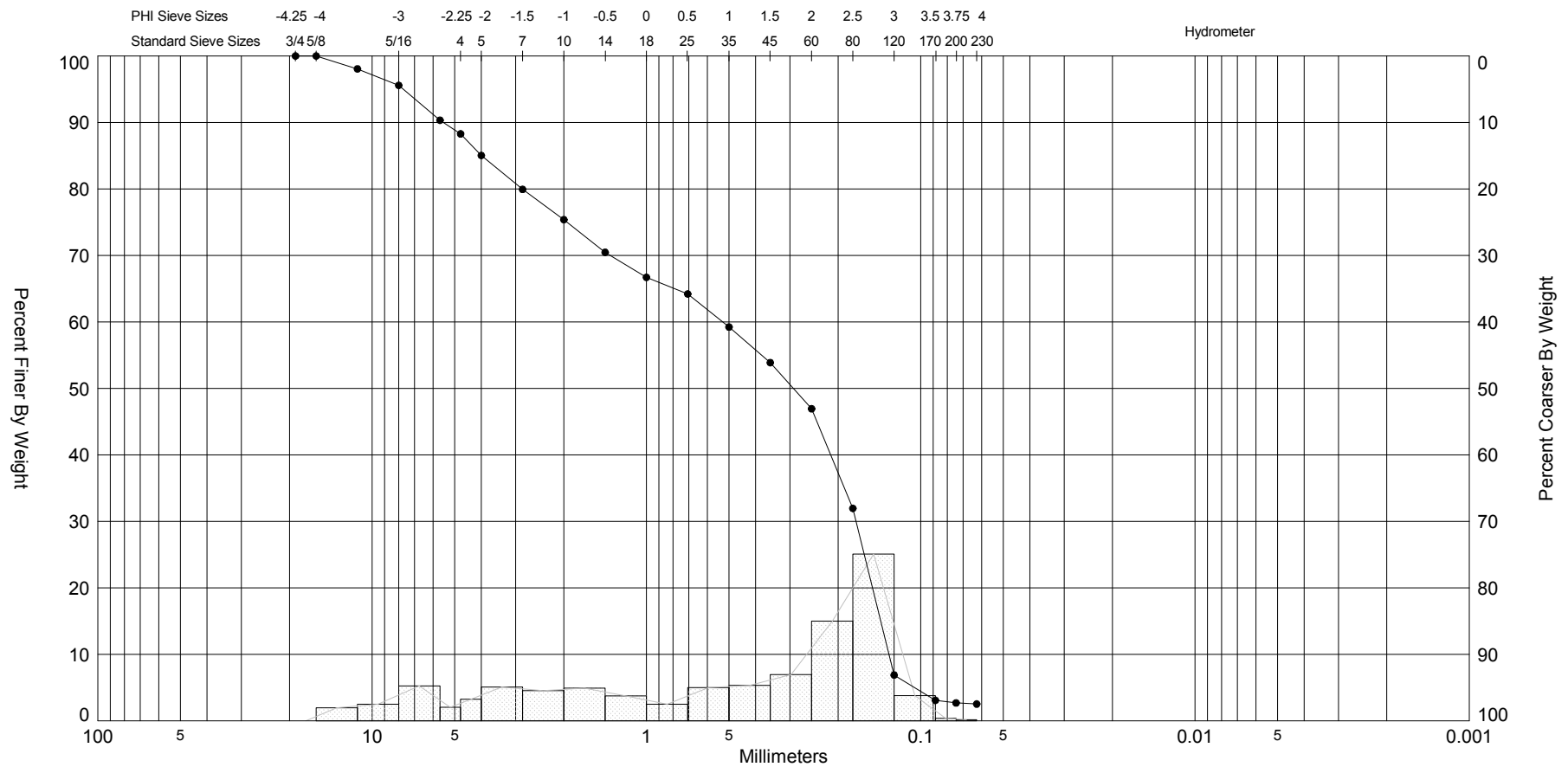
Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
FL-BOEM-2015-VC15 #10	—●—	-75.2	SP	#200 - 3.64 #230 - 3.40		21	2.68	2.56	-4.33	29.42	0.65	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments:												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	10-27-15
												Easting (X, m):	SMT
												Northing (Y, m):	518,706
												Horizontal System:	3,224,812
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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	
FL-BOEM-2015-VC15 #11	—●—	-77.7	SW	#200 - 2.69 #230 - 2.53		58	1.78	0.82	-0.66	2.02	2.09	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments:												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	10-27-15
												Easting (X, m):	SMT
												Northing (Y, m):	518,706
												Horizontal System:	3,224,812
												Vertical System:	NAD 1983
													NAVD88

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