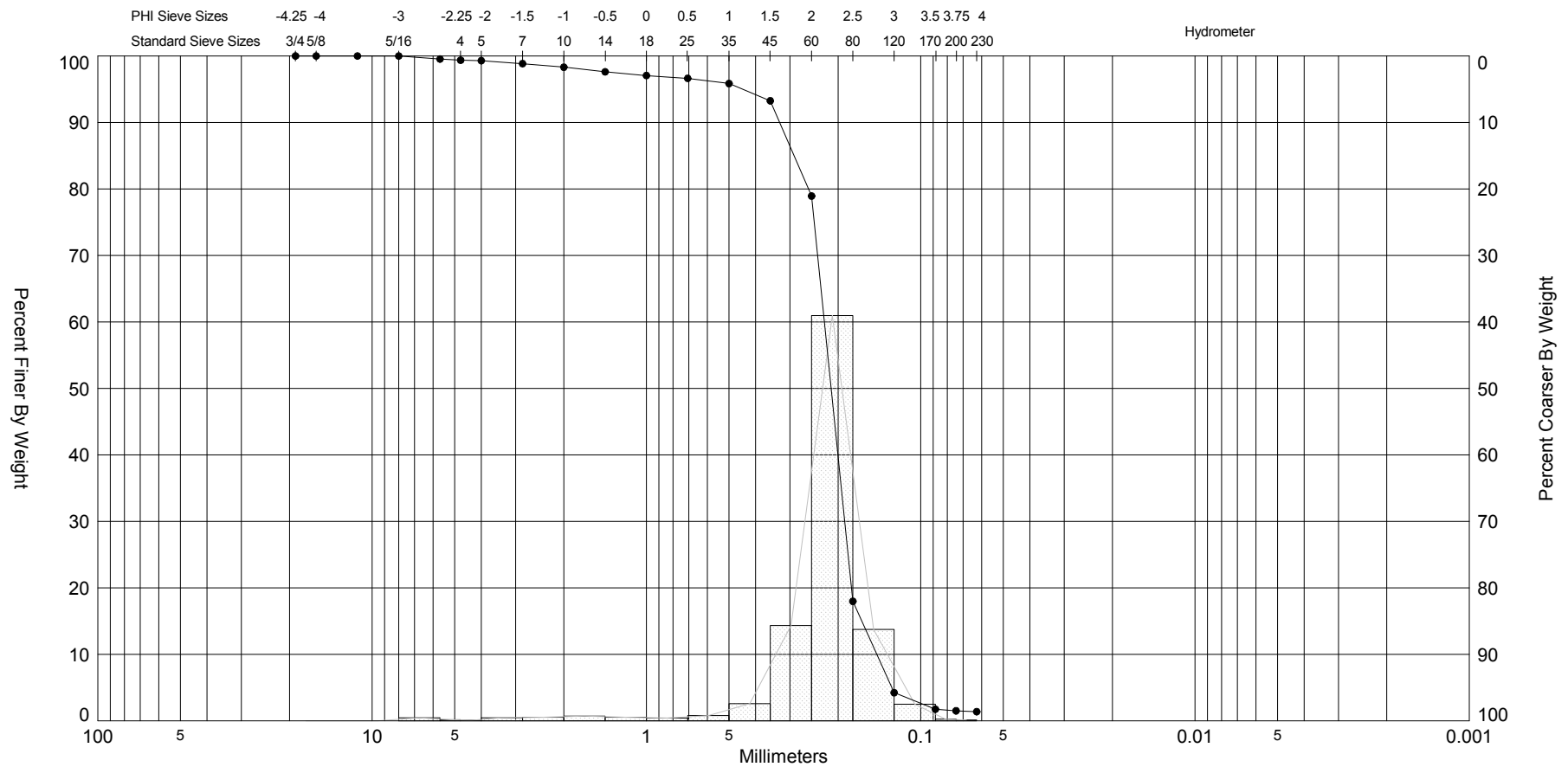



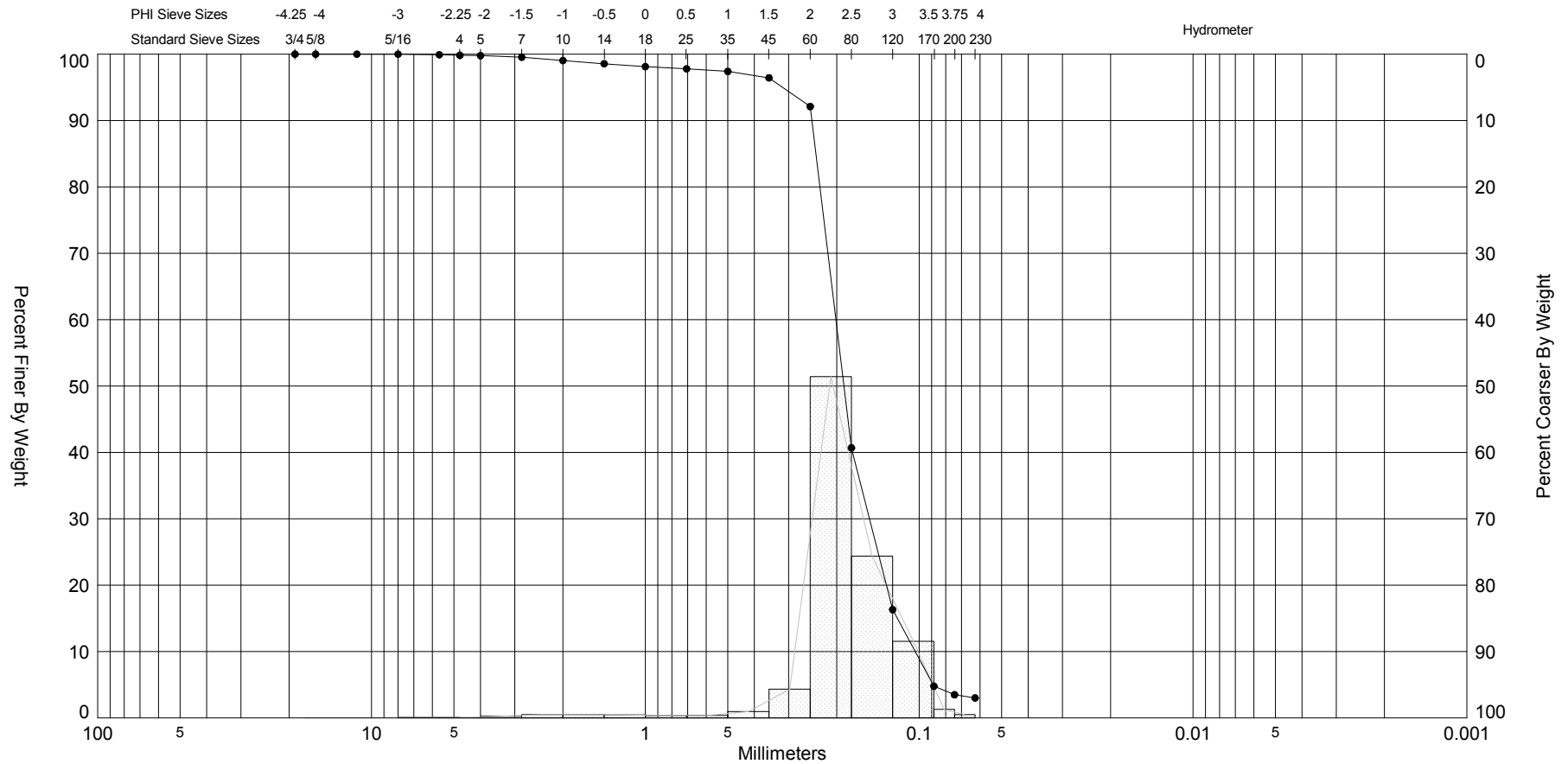
SIEVE ANALYSIS FL_BOEM_2015_VC_GRP_JPBRAZIL.GDT 9/12/16




Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

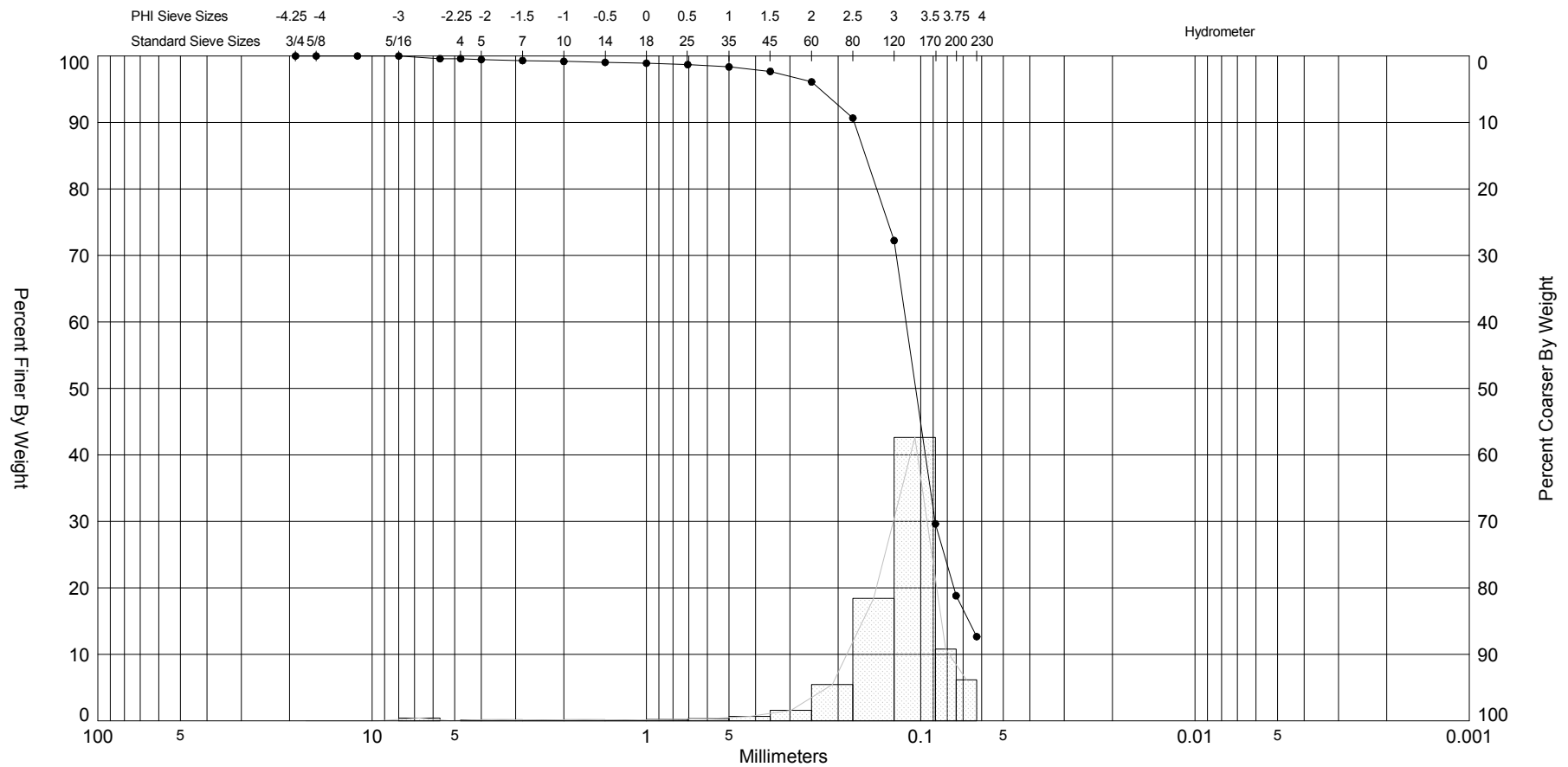
Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
FL-BOEM-2015-VC23 #1	—●—	-48.4	SP	#200 - 1.51 #230 - 1.38		7	2.24	2.12	-3.52	19.98	0.74	Project Name:	Inventory of Potential Beach Nourishment and Coastal
Comments:												Analysis Date:	Restoration Sand Sources on the Atlantic OCS
Depths and elevations based on measured values												Analyzed By:	10-21-15
 <div> CB&I Coastal Planning & Engineering, Inc. 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391 8102 </div>												Easting (X, m):	464,846
												Northing (Y, m):	3,378,105
												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-VC23 #2	—●—	-52.3	SP	#200 - 3.49 #230 - 3.01		6	2.41	2.41	-2.86	18.29	0.68	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:	10-21-15 ST
												Easting (X, m):	464,846
												Northing (Y, m):	3,378,105
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88
CB&I Coastal Planning & Engineering, Inc. 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391 8102													



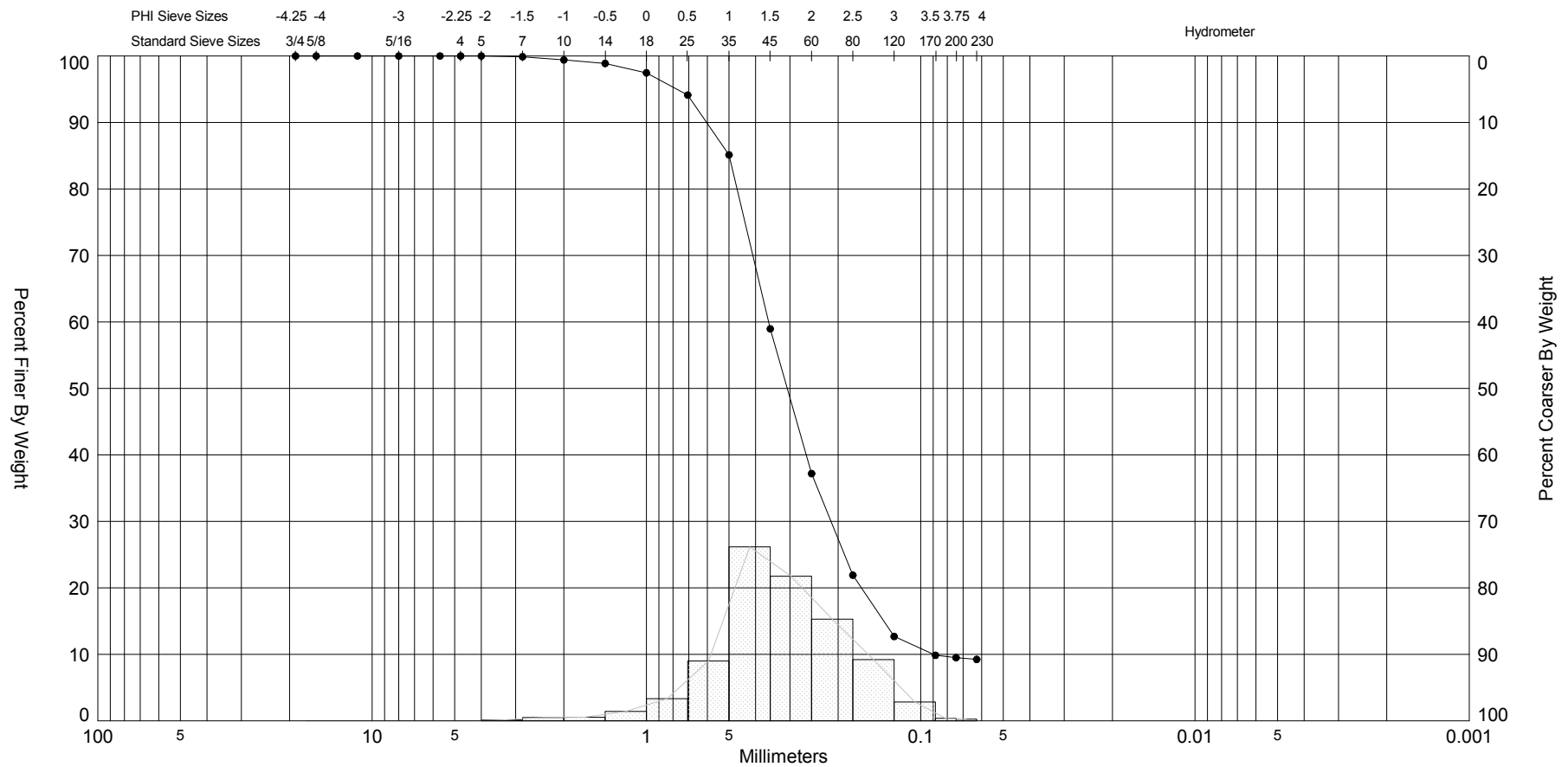
Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
FL-BOEM-2015-VC23 #3	—●—	-55.0	SM	#200 - 18.82 #230 - 12.67		8	3.26	3.05	-4.04	27.28	0.75	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:	10-14-15
												Easting (X, m):	464,846
												Northing (Y, m):	3,378,105
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88
CB&I Coastal Planning & Engineering, Inc. 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391 8102													


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-VC23 #4		-56.8	SC	#200 - 15.56 #230 - 15.10		2	2.75	2.55	-2.86	17.84	0.67	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:	10-14-15
						CB&I Coastal Planning & Engineering, Inc. 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391 8102						Easting (X, m):	SMT
													464,846
												Northing (Y, m):	3,378,105
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88

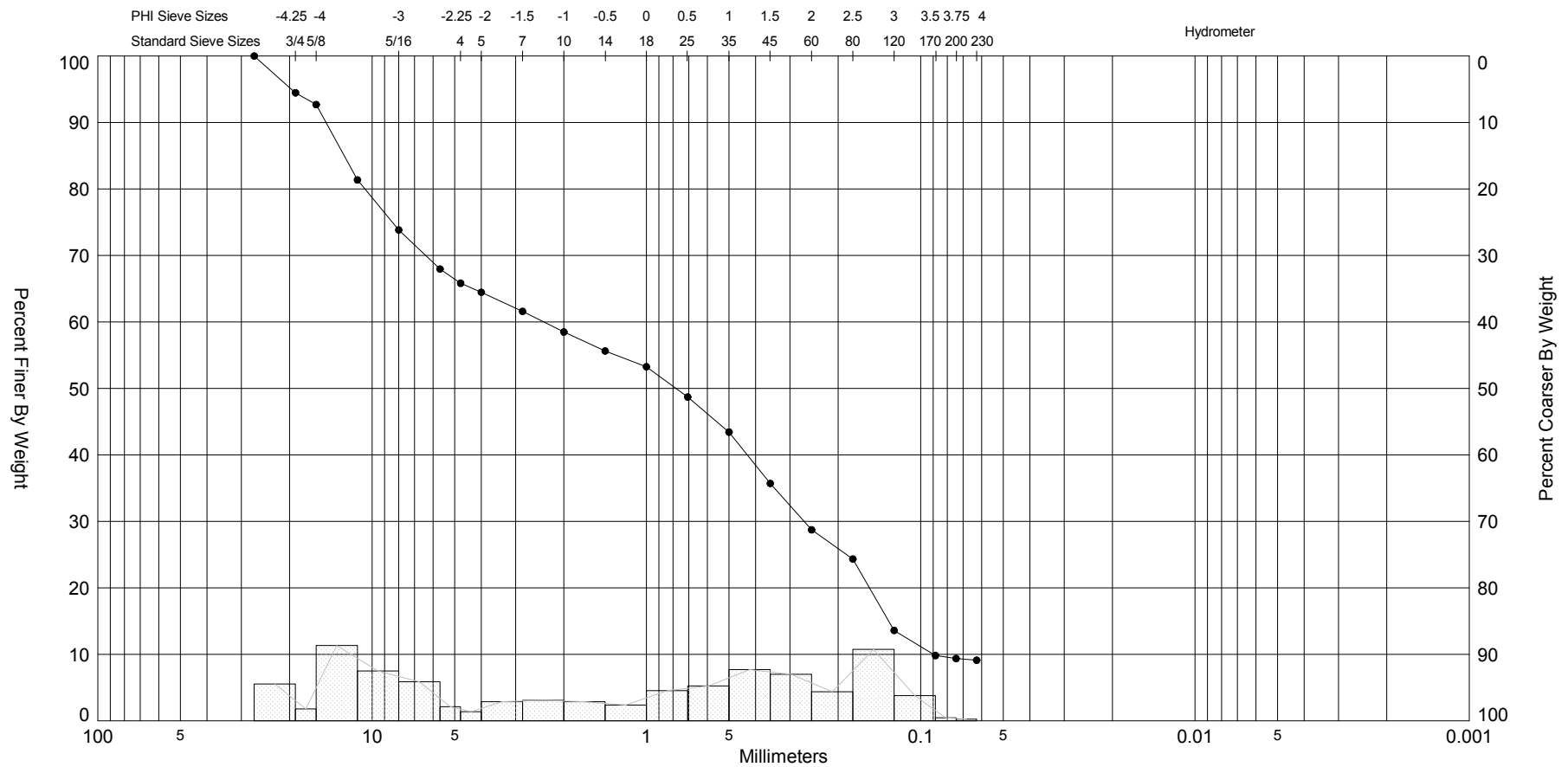
SIEVE ANALYSIS FL_BOEM_2015_VC.GPJ_JPBRAZIL.GDT 9/12/16



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-VC23 #5	—●—	-58.2	SP-SC	#200 - 9.50 #230 - 9.24		1	1.71	1.63	-0.31	3.99	0.8	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:	10-14-15
 <div> CB&I Coastal Planning & Engineering, Inc. 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391 8102 </div>												Easting (X, m):	464,846
												Northing (Y, m):	3,378,105
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88

SIEVE ANALYSIS FL_BOEM_2015_VC_GRP_JPBRAZIL.GDT 9/12/16



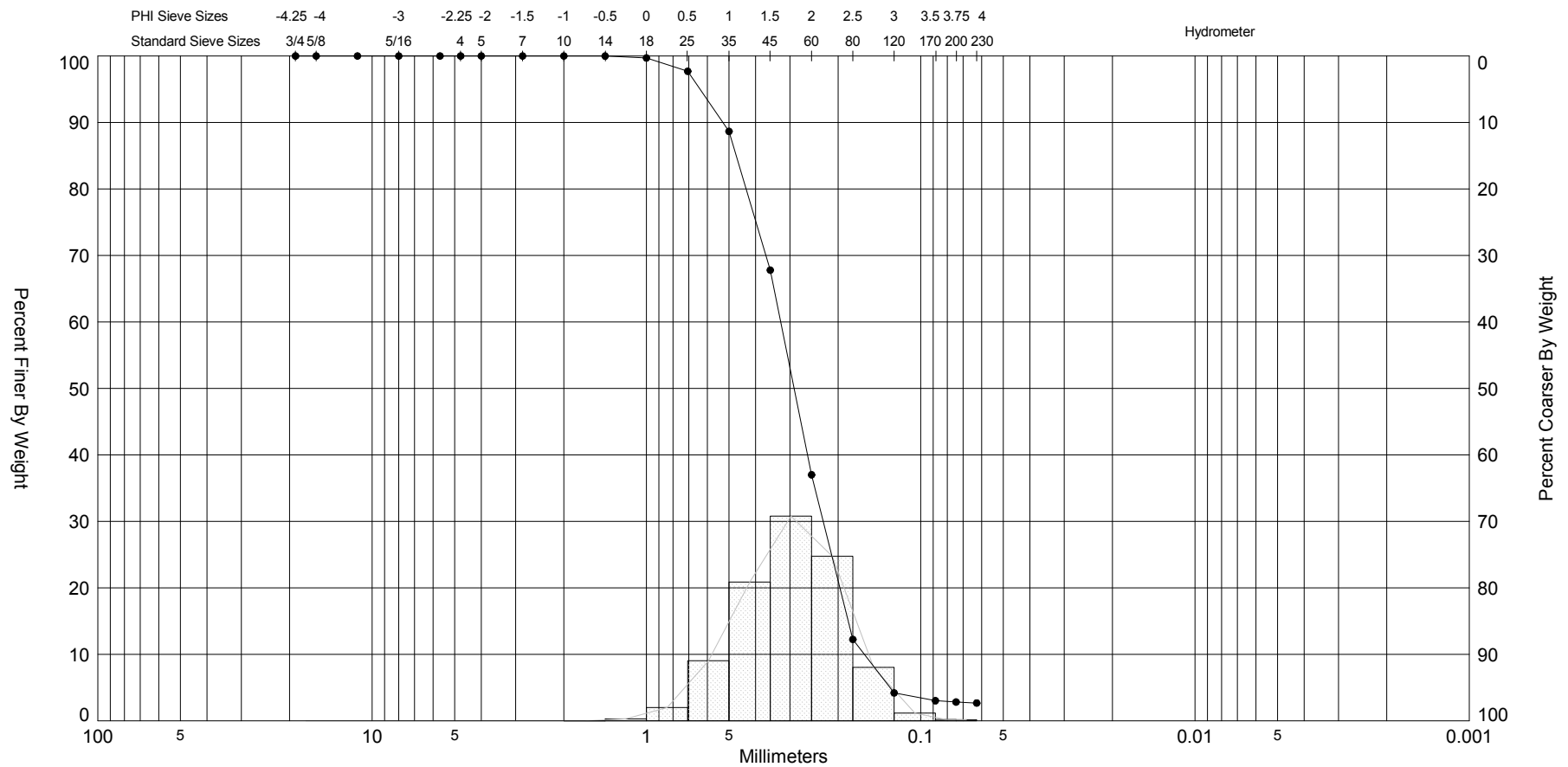
Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
FL-BOEM-2015-VC23 #6	—●—	-59.0	SW-SC	#200 - 9.37 #230 - 9.12		56	0.36	-0.59	-0.04	1.49	2.61	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:	10-14-15
												Easting (X, m):	SMT
												Northing (Y, m):	464,846
												Horizontal System:	3,378,105
												Vertical System:	NAD 1983
													NAVD88




CB&I
Coastal Planning & Engineering, Inc.
2481 NW Boca Raton Blvd.
Boca Raton, FL 33431
ph (561) 391 8102

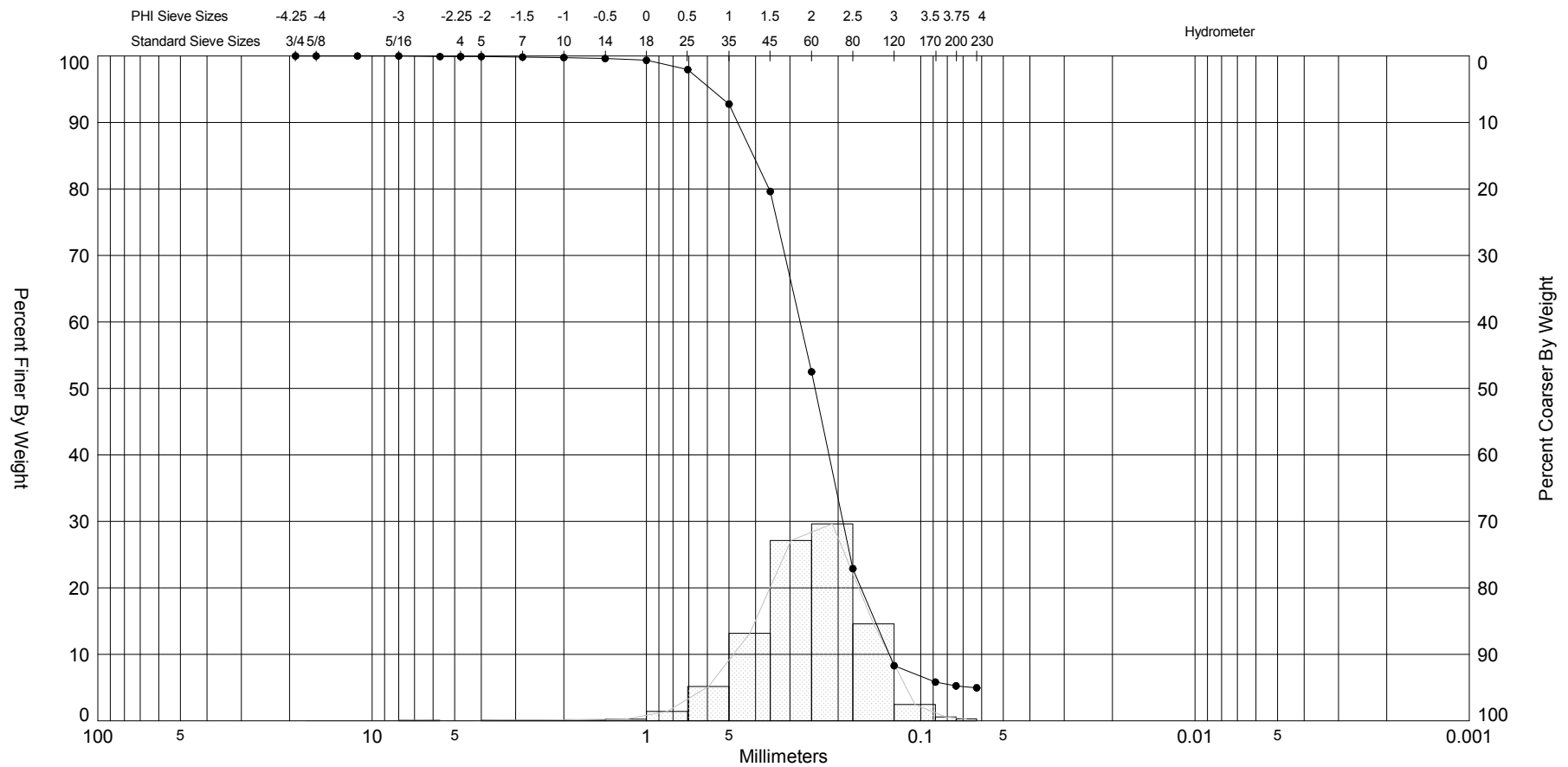
SIEVE ANALYSIS FL_BOEM_2015_VC.GPJ_JPBRAZIL.GDT 9/12/16



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-VC23 #7	—●—	-60.6	SP	#200 - 2.83 #230 - 2.68		1	1.79	1.75	-0.12	3.1	0.63	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:	10-14-15
												Easting (X, m):	464,846
												Northing (Y, m):	3,378,105
												Horizontal System:	NAD 1983
												Vertical System:	NAVD88
CB&I Coastal Planning & Engineering, Inc. 2481 NW Boca Raton Blvd. Boca Raton, FL 33431 ph (561) 391 8102													

SIEVE ANALYSIS FL_BOEM_2015_VC_GRP_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-VC23 #8	—●—	-62.7	SP-SM	#200 - 5.26 #230 - 4.97		2	2.04	1.95	-0.77	6.1	0.68	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:	10-14-15
												Easting (X, m):	SMT
												Northing (Y, m):	464,846
												Horizontal System:	3,378,105
												Vertical System:	NAD 1983
													NAVD88



CB&I
 Coastal Planning & Engineering, Inc.
 2481 NW Boca Raton Blvd.
 Boca Raton, FL 33431
 ph (561) 391 8102