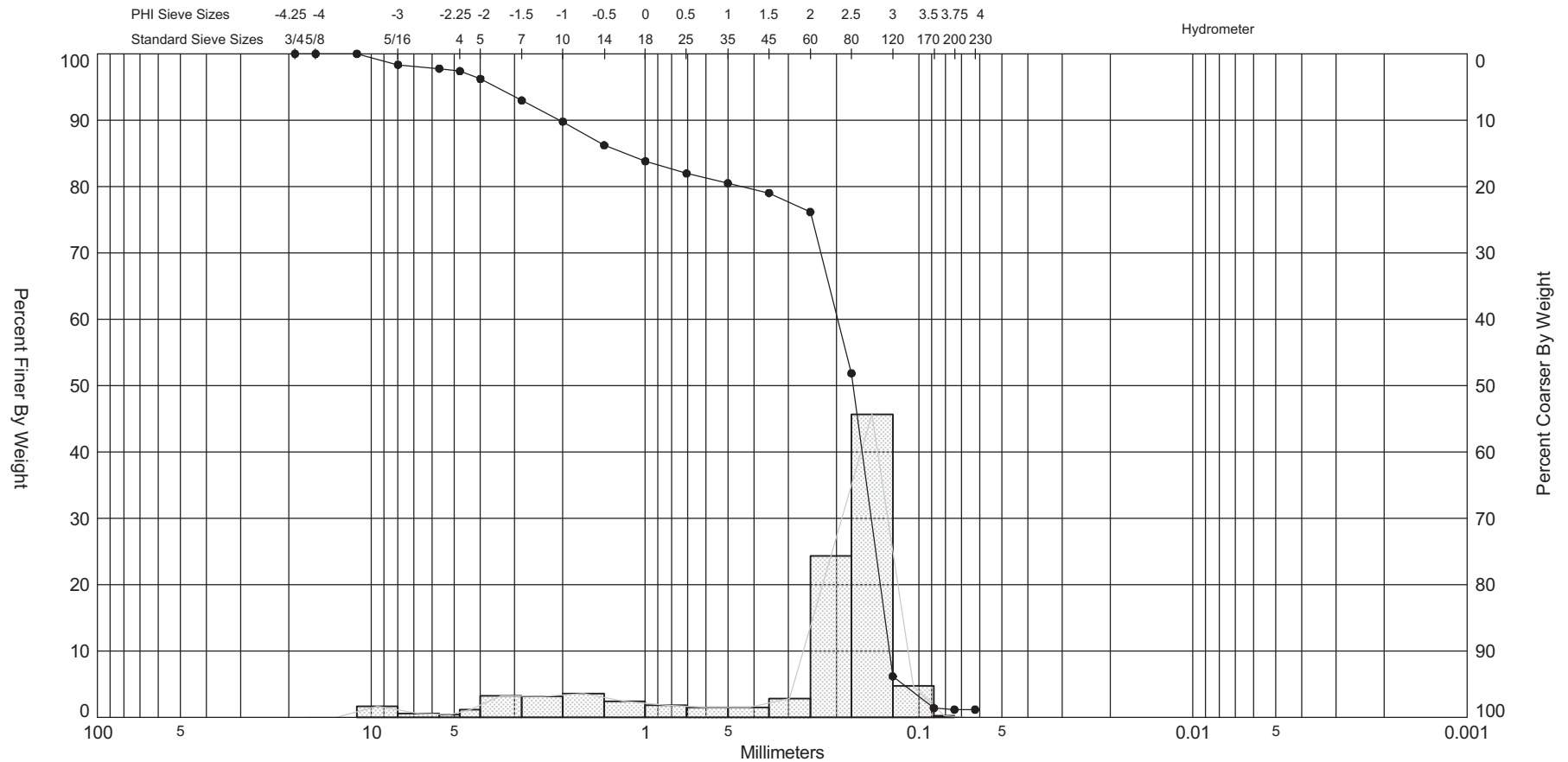



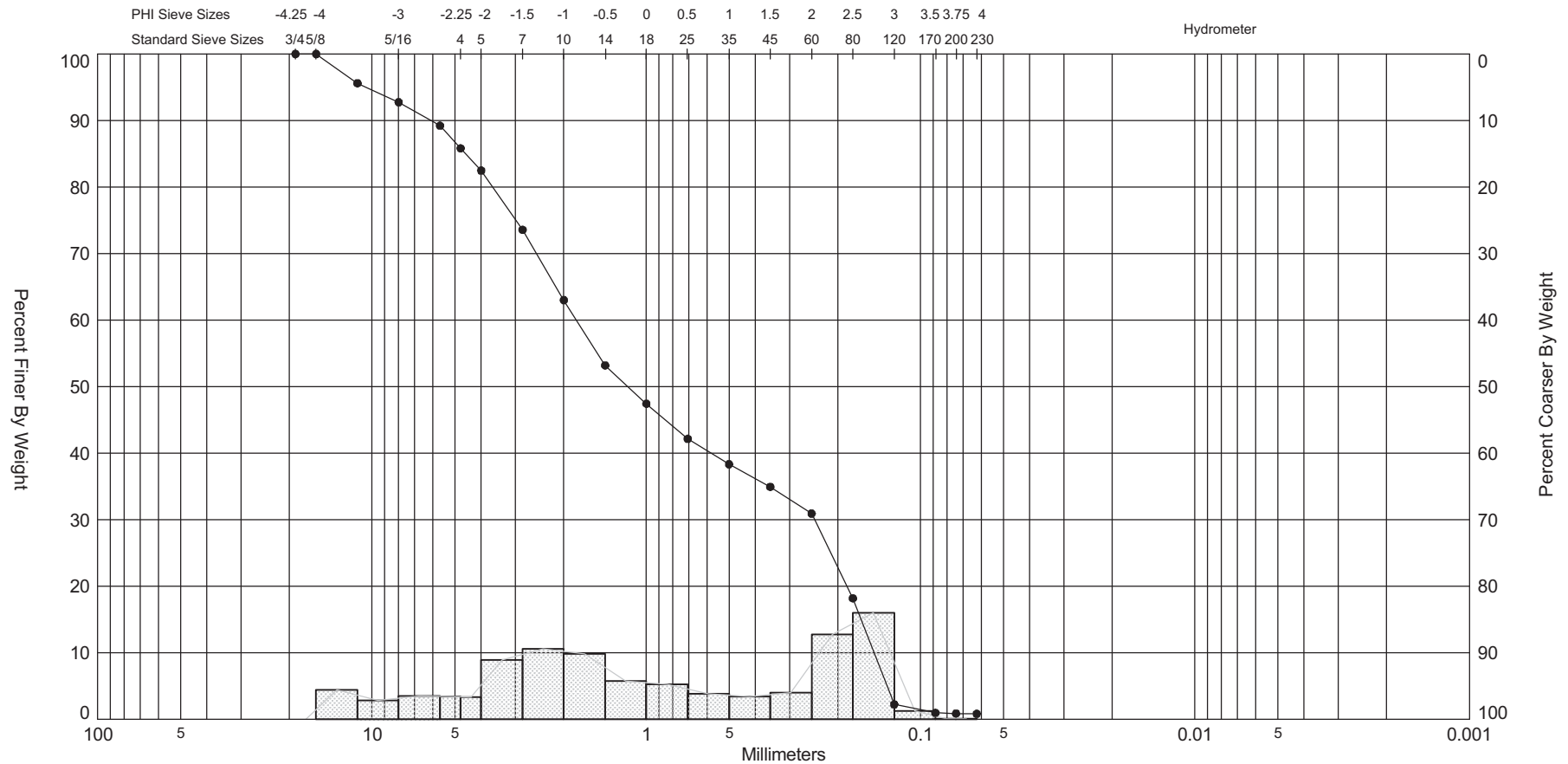
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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	
LBVC-10-46 #1	—●—	-14.4	SW	#200 - 1.17 #230 - 1.17			2.52	1.84	-1.71	4.7	1.58	Project Name:	Longboat Key 2010 Sand Search
Comments:												Analysis Date:	09-15-10
Depths and elevations based on measured values												Analyzed By:	TH
						Coastal Planning & Engineering						Easting (X, ft):	409,455
						2481 NW Boca Raton Blvd, Boca Raton						Northing (Y, ft):	1,162,723
						FL 33431						Horizontal System:	NAD 1983
						ph (561) 391-8102 fax (561) 391-9116						Vertical System:	NAVD 88

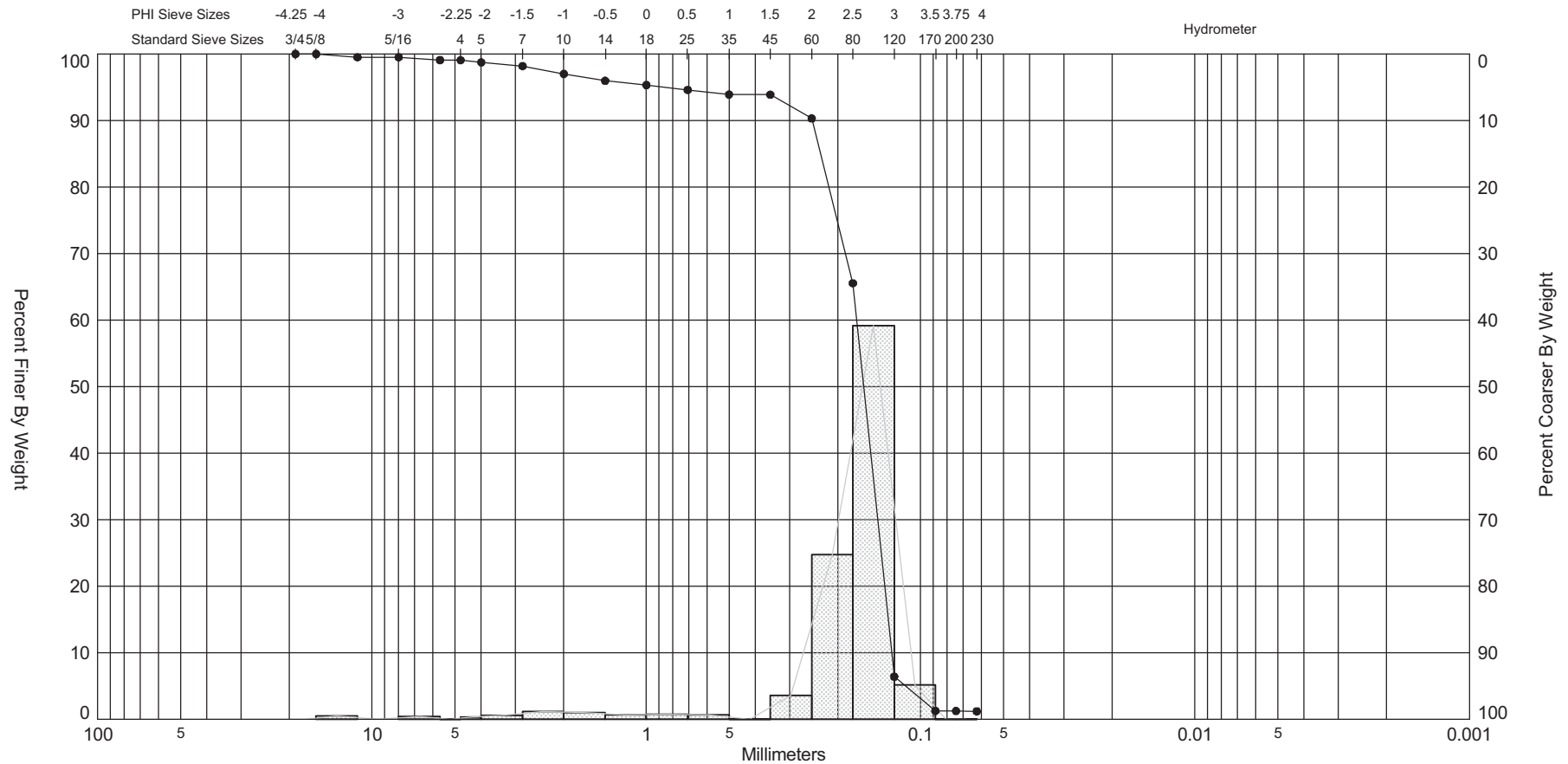
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10



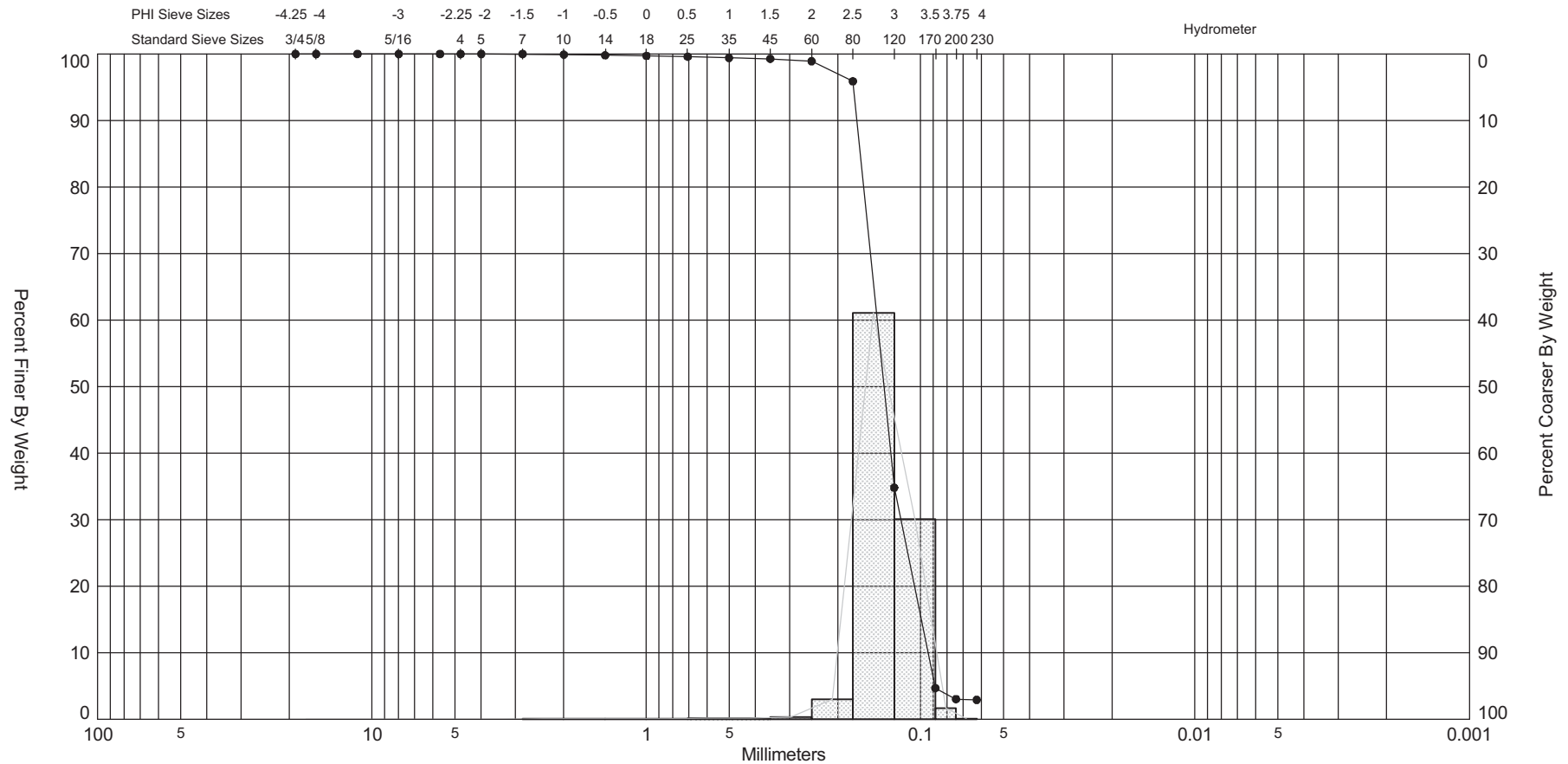
Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
LBVC-10-46 #2	—●—	-15.9	SW	#200 - 0.87 #230 - 0.81				0.04	-0.06	1.74	2.07	Project Name:	Longboat Key 2010 Sand Search
Comments:												Analysis Date:	09-15-10
Depths and elevations based on measured values												Analyzed By:	JD
							Coastal Planning & Engineering					Easting (X, ft):	409,455
							2481 NW Boca Raton Blvd, Boca Raton					Northing (Y, ft):	1,162,723
							FL 33431					Horizontal System:	NAD 1983
							ph (561) 391-8102 fax (561) 391-9116					Vertical System:	NAVD 88

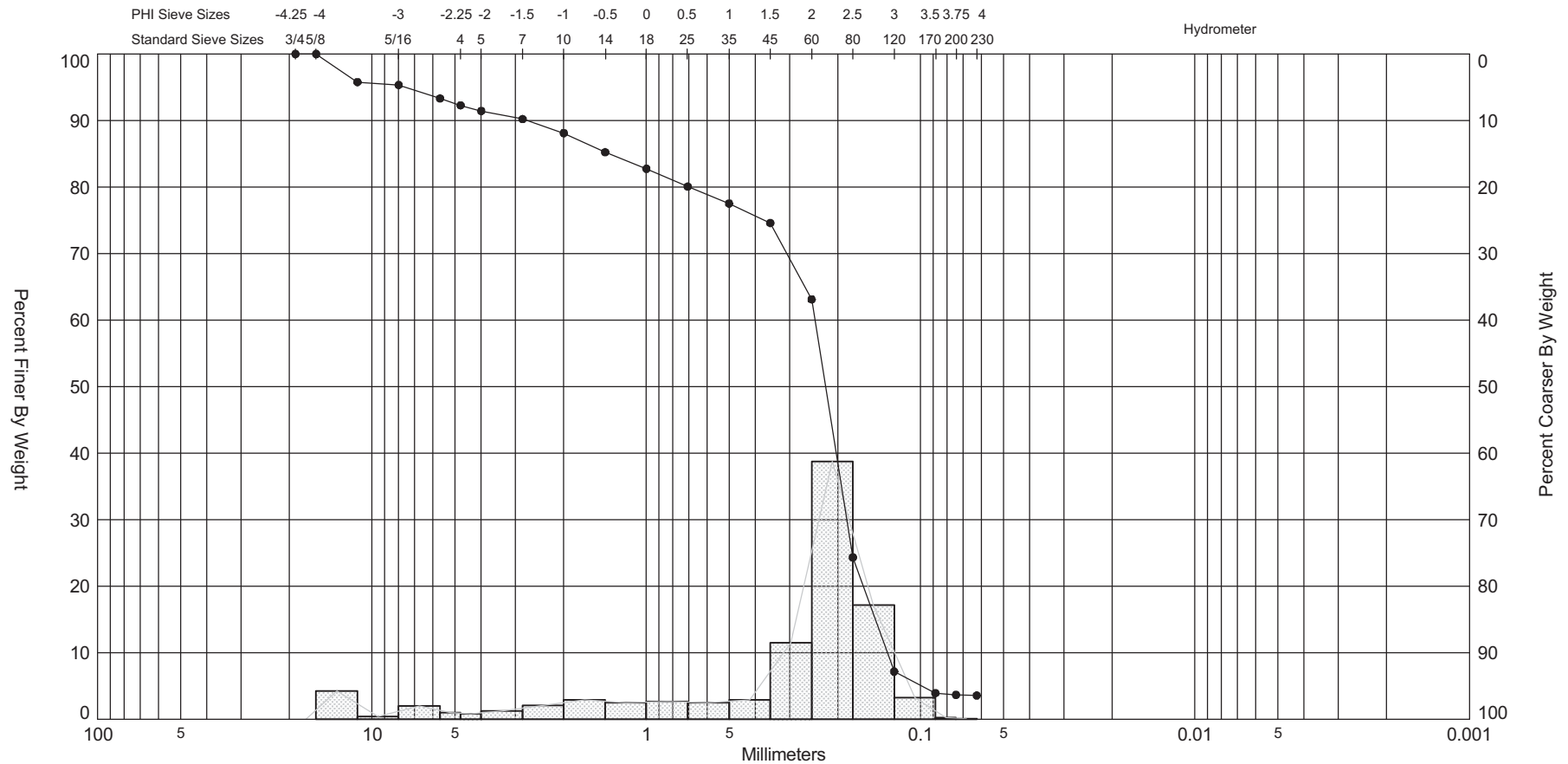
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Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
LBVC-10-46 #7	—●—	-26.6	SW	#200 - 3.66 #230 - 3.57			2.17	1.43	-1.68	4.78	1.78	Project Name:	Longboat Key 2010 Sand Search
Comments:												Analysis Date:	09-16-10
Depths and elevations based on measured values												Analyzed By:	JD
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	409,455
												Northing (Y, ft):	1,162,723
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88