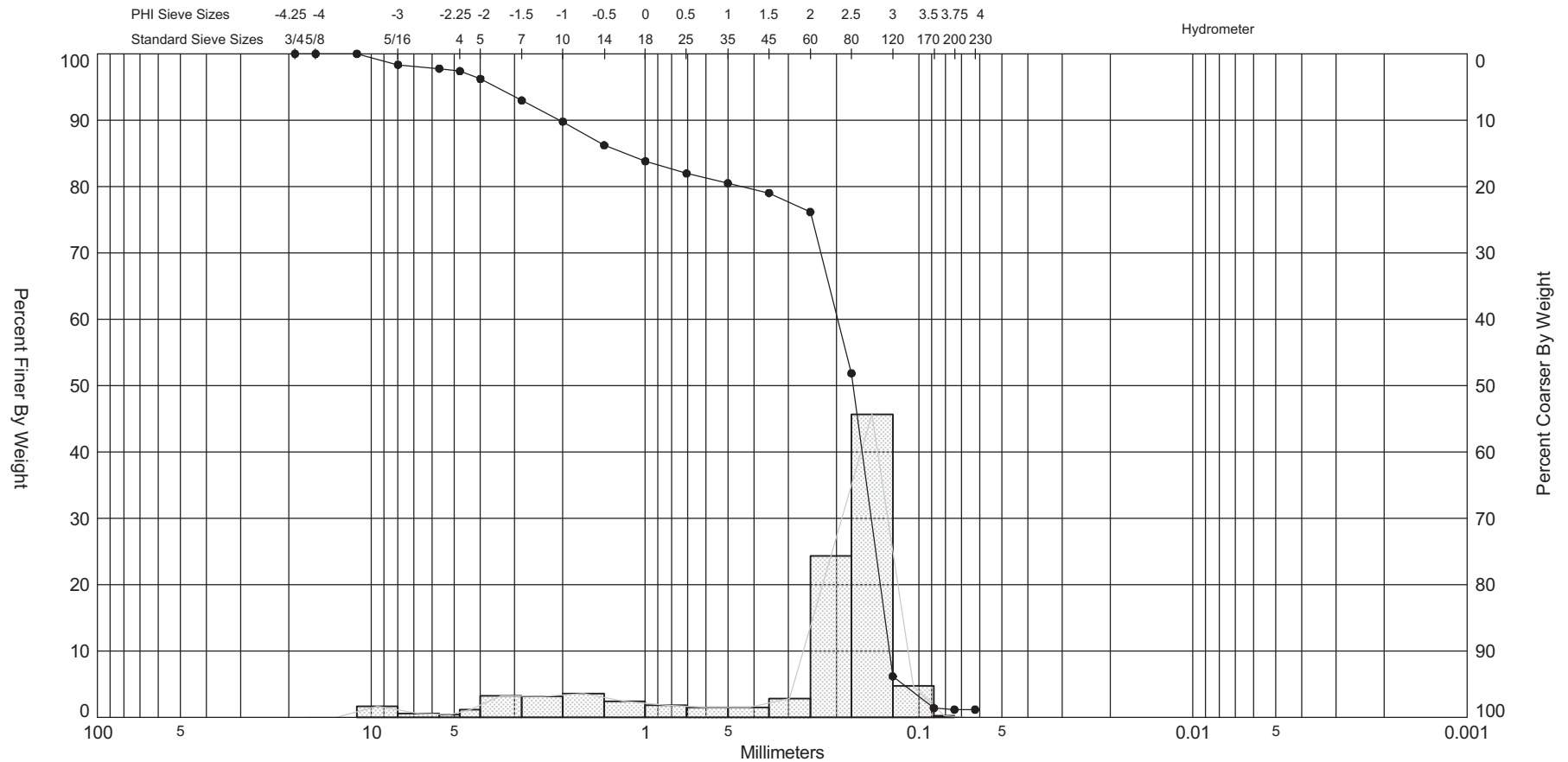
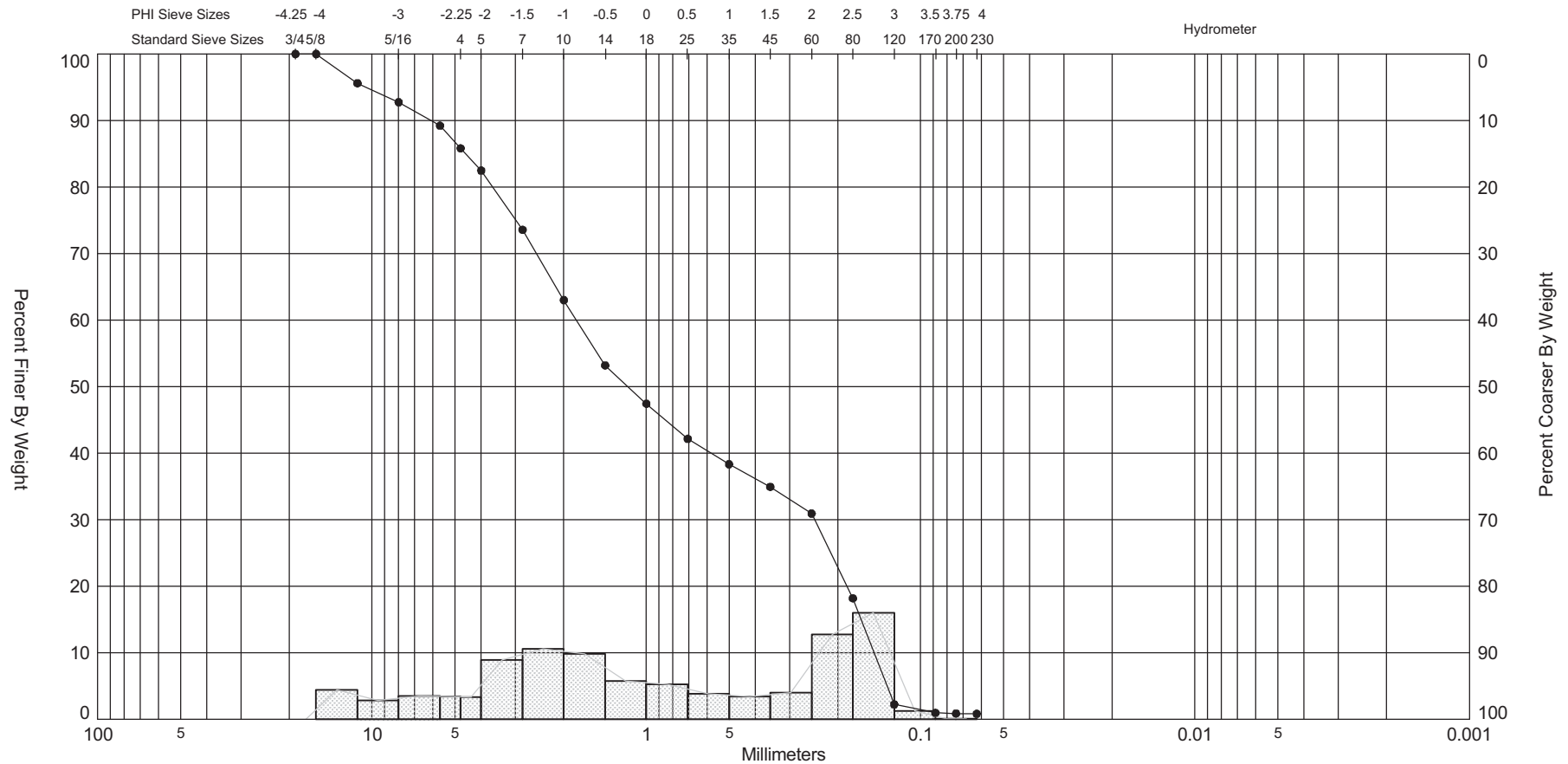



SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10



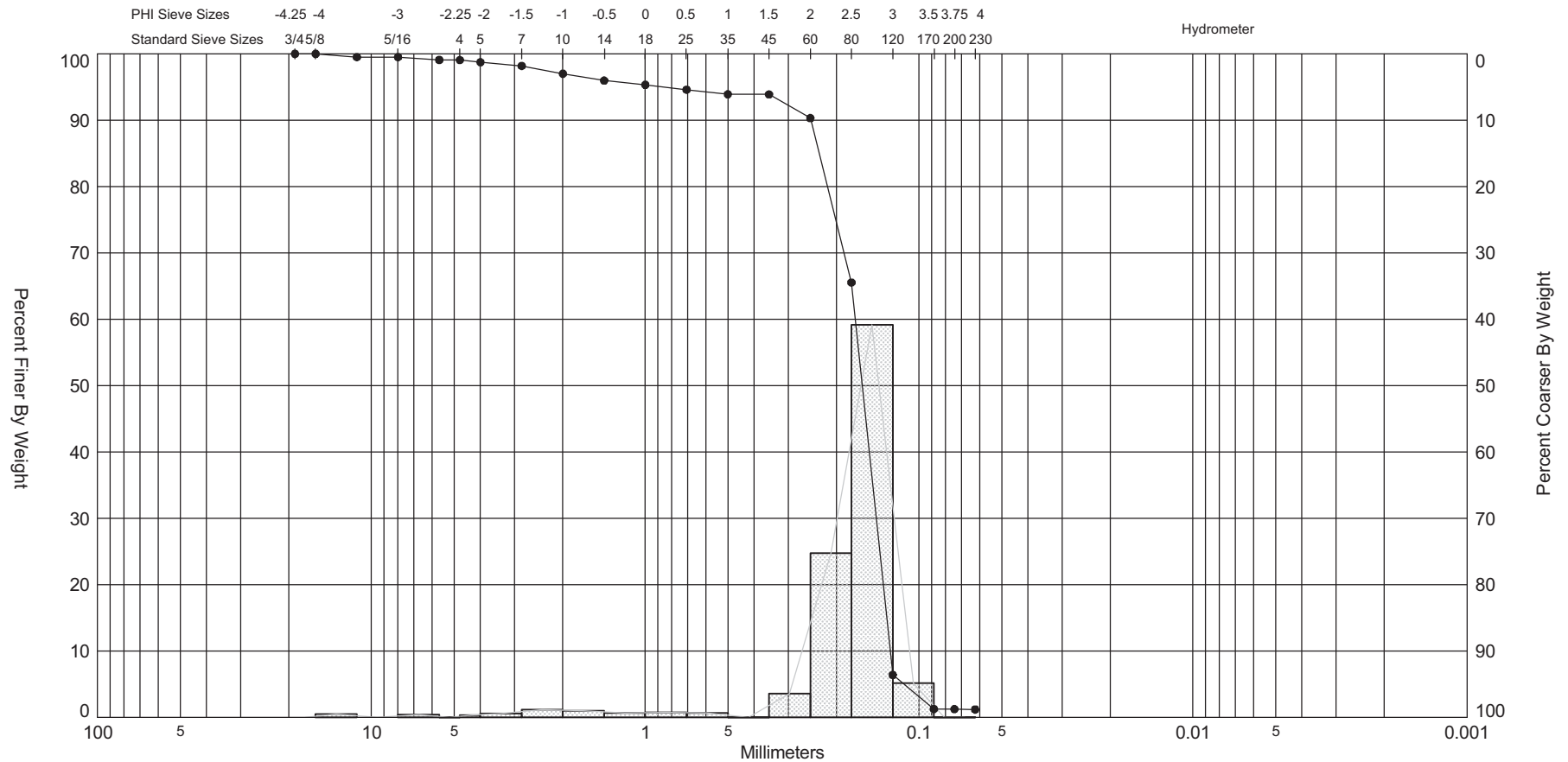
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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 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

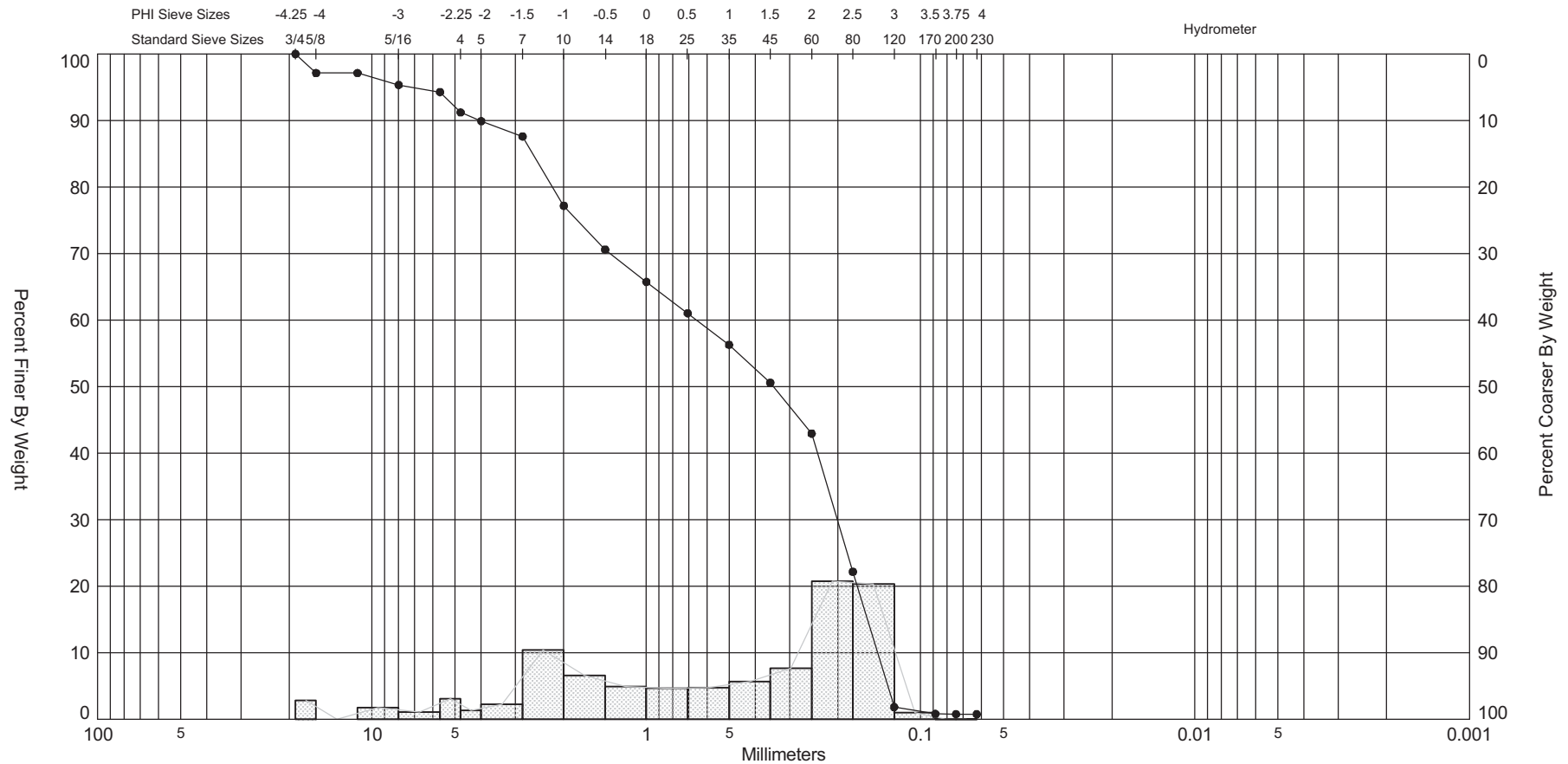
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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 #3	—●—	-16.6	SW	#200 - 1.24 #230 - 1.20			2.63	2.38	-3.69	17.91	0.98	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

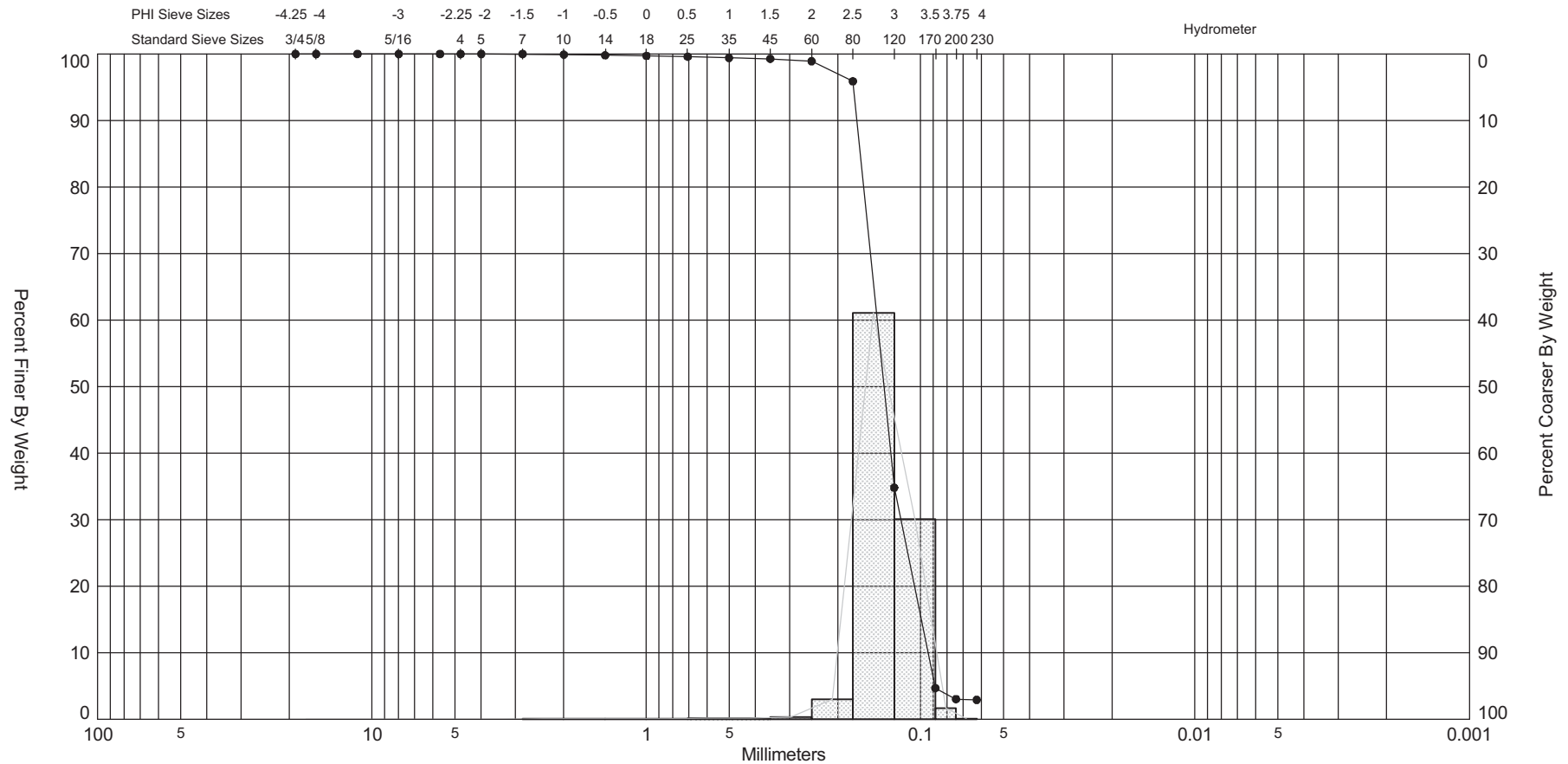
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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 #4	—●—	-17.6	SW	#200 - 0.77 #230 - 0.76			1.54	0.78	-0.75	2.49	1.93	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 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

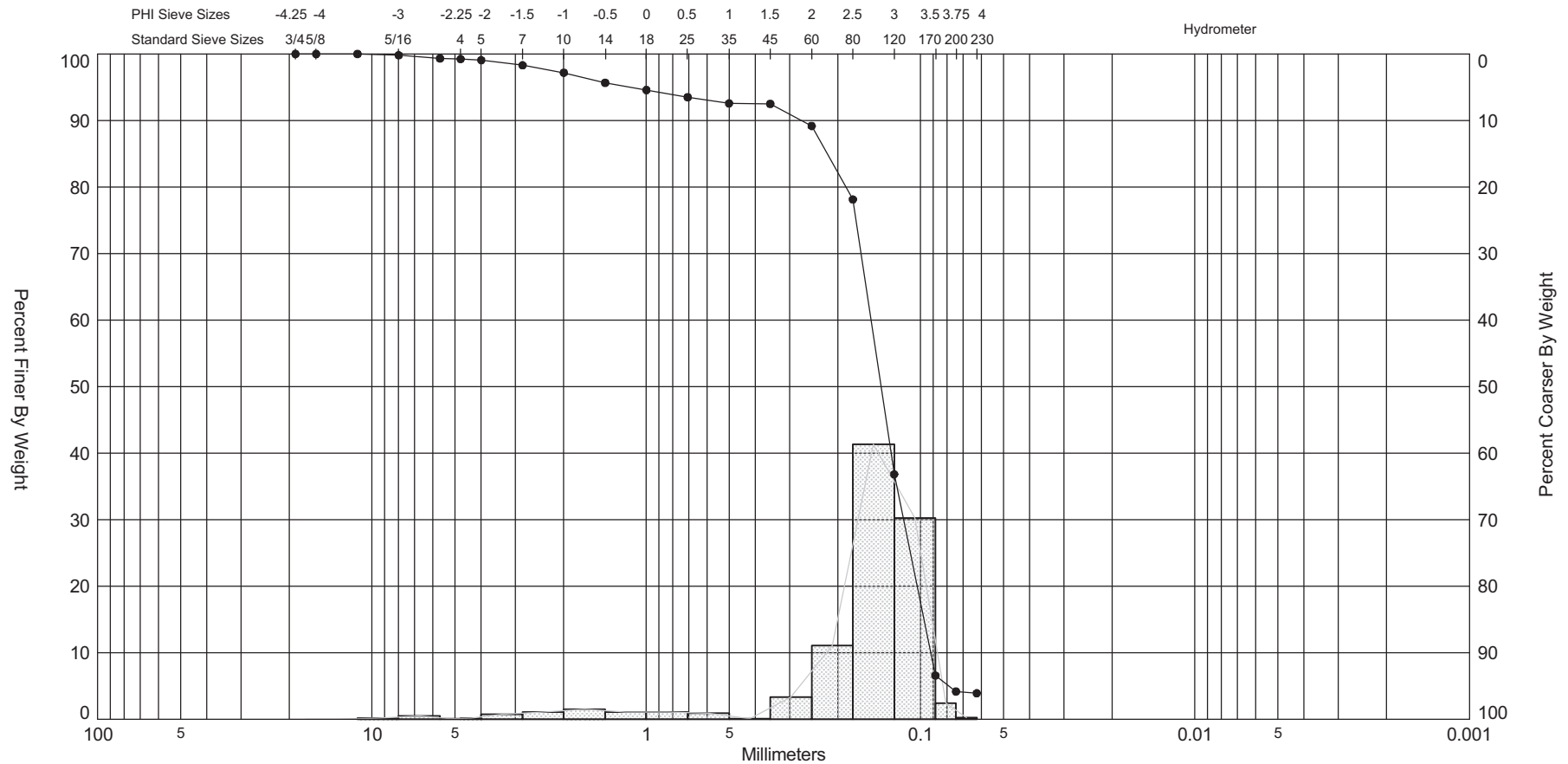
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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 #5	—●—	-22.8	SP	#200 - 3.03 #230 - 2.91			2.88	2.88	-3.49	34.64	0.37	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 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

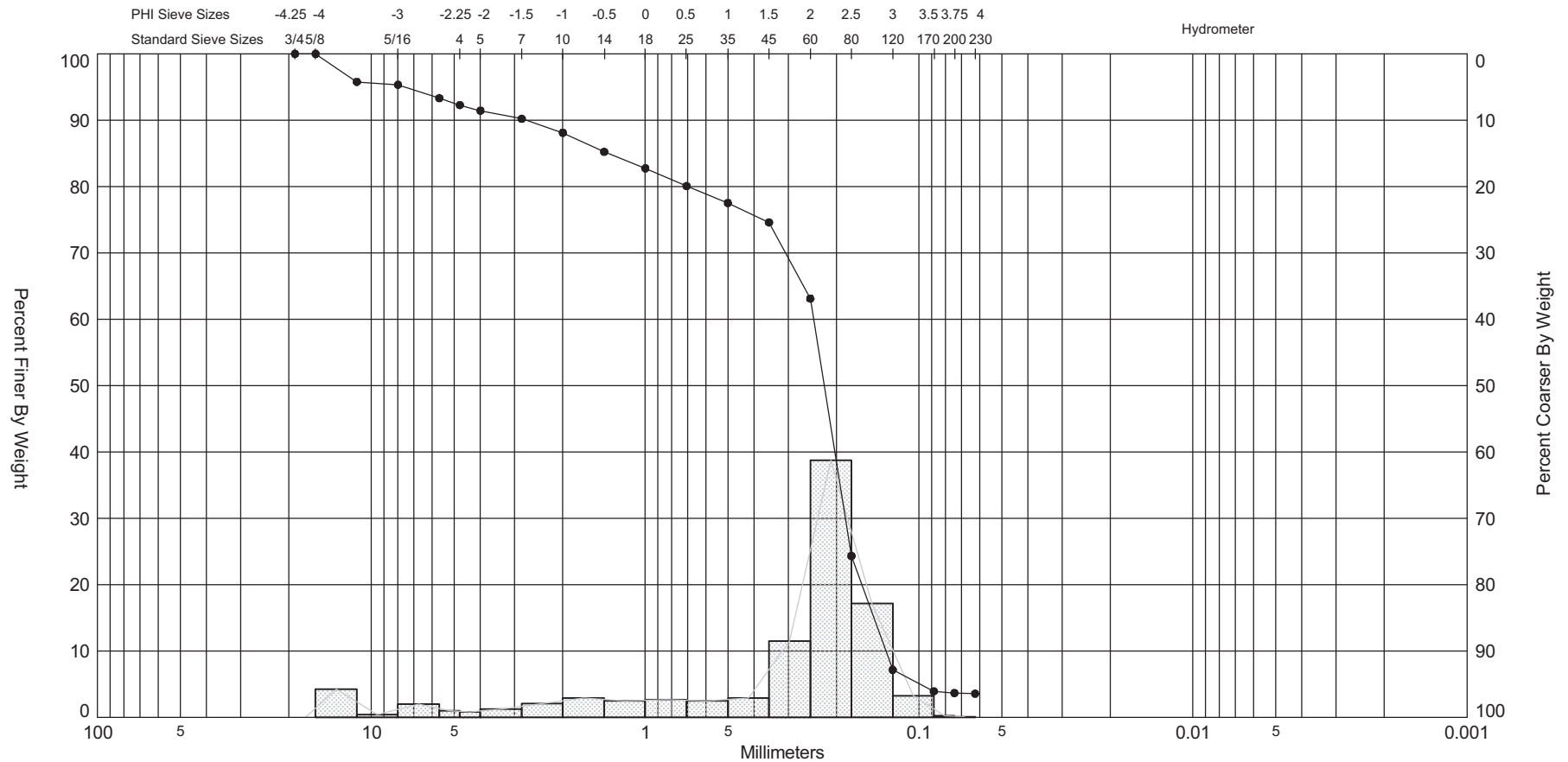
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Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
LBVC-10-46 #6	—●—	-24.2	SW	#200 - 4.17 #230 - 3.90			2.84	2.57	-2.86	11.69	1.08	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

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 #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