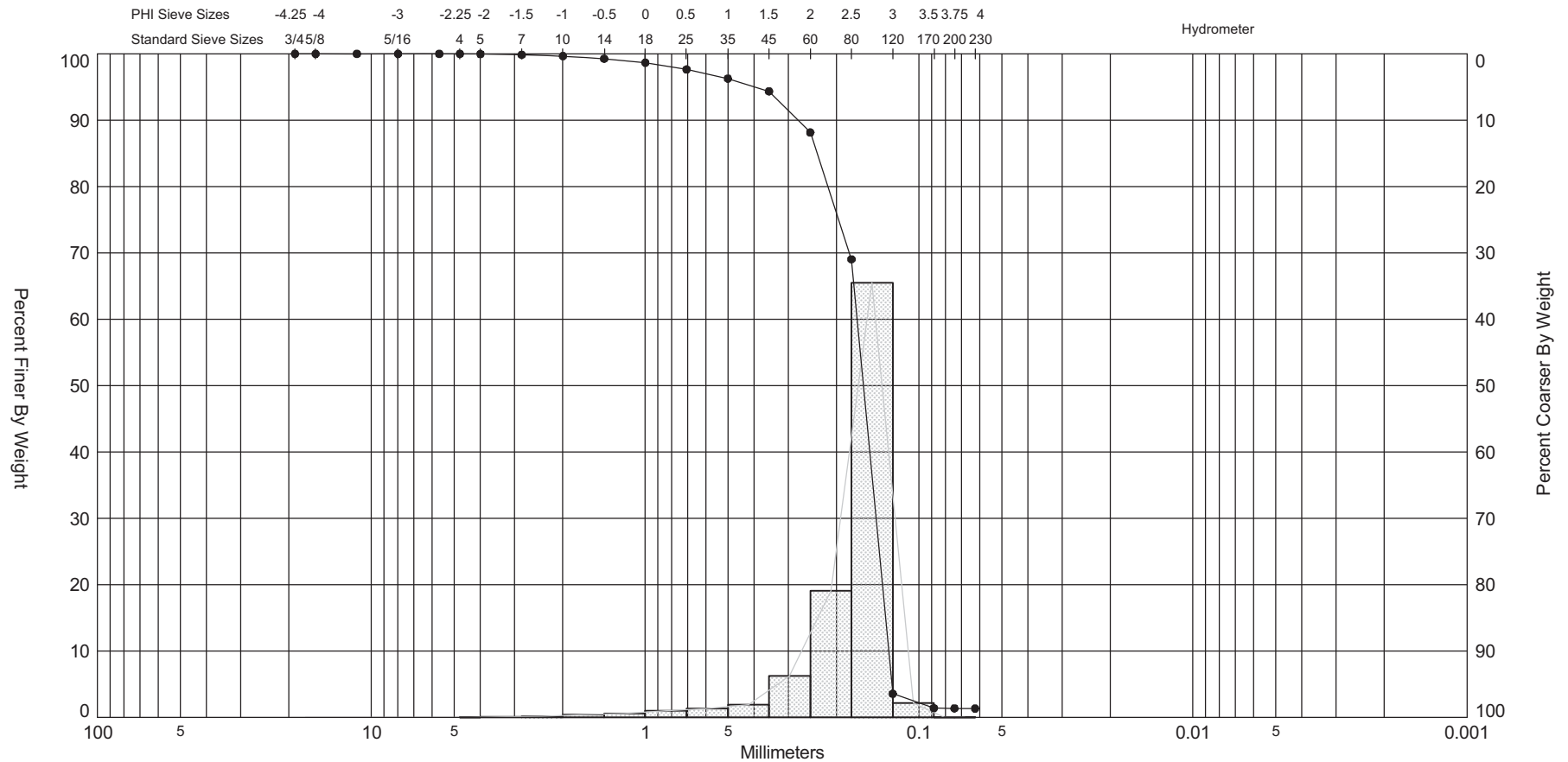




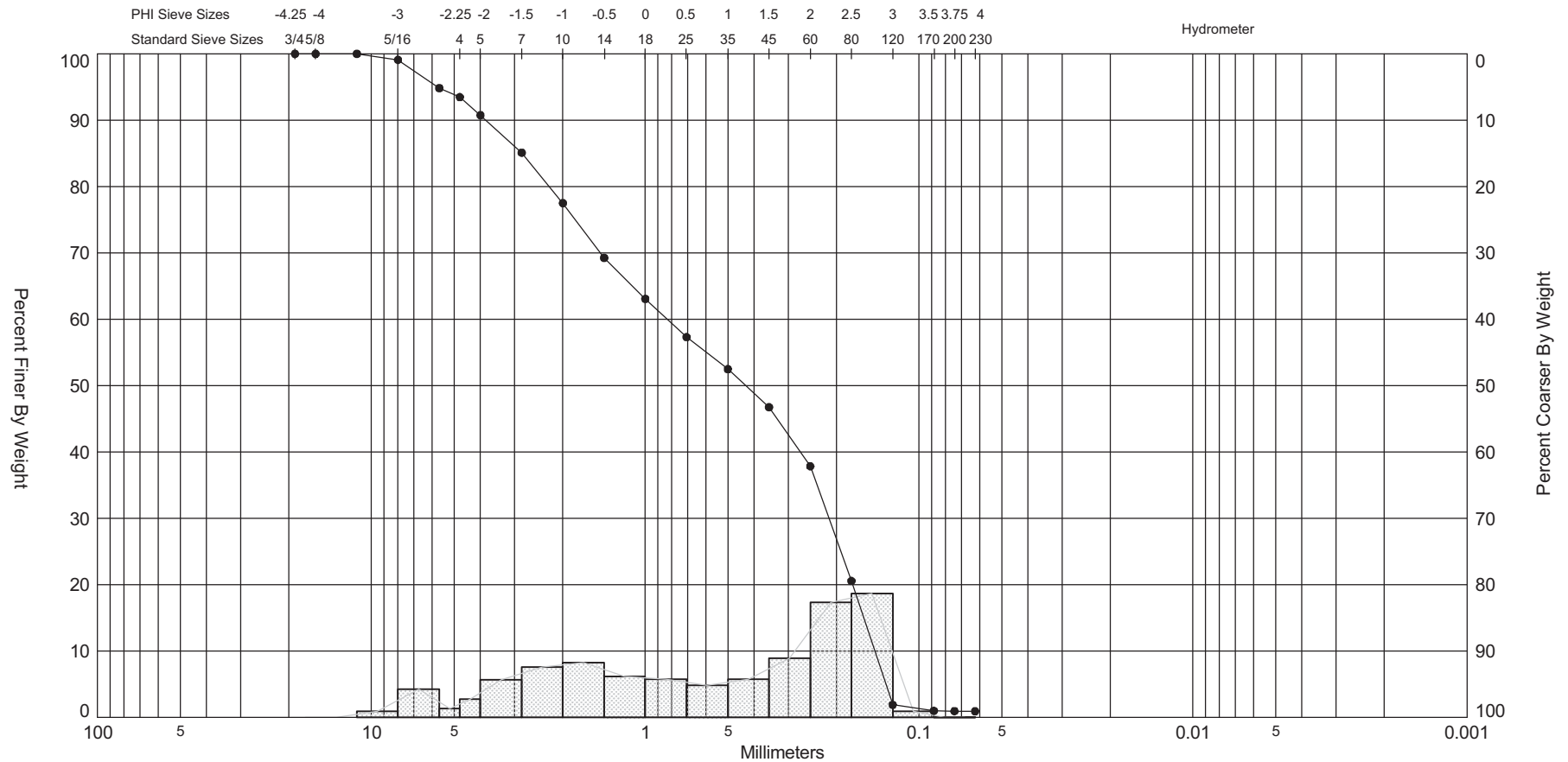
SIEVE ANALYSIS LBVC-10.GPJ JPBRZIL.GDT 11/24/10




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-10-48 #1		-11.2	SP	#200 - 1.36 #230 - 1.34			2.65	2.47	-3.09	15.36	0.61	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):	410,324
												Northing (Y, ft):	1,160,816
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

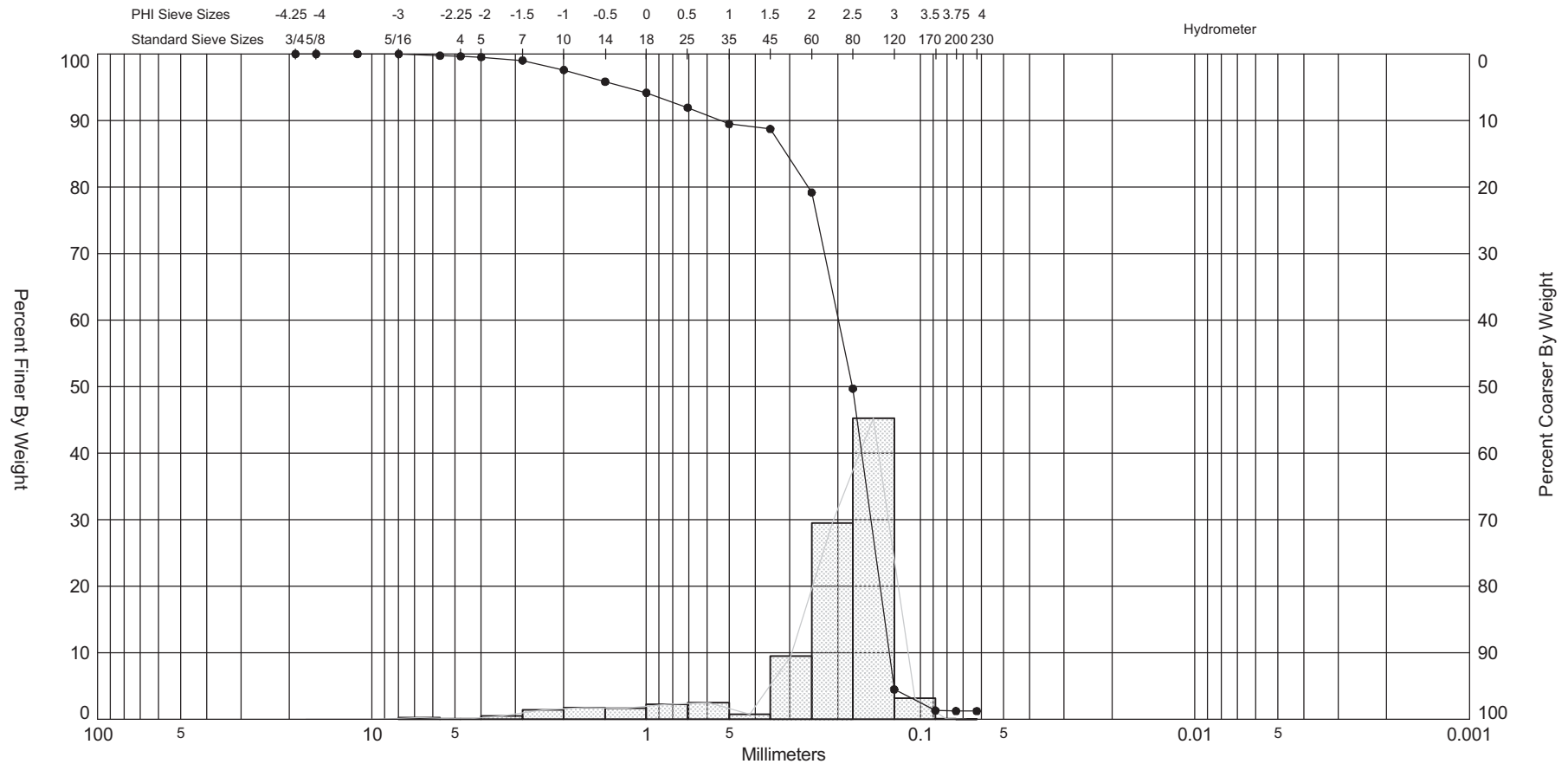
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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-10-48 #2	—●—	-12.0	SW	#200 - 0.95 #230 - 0.91			1.22	0.71	-0.44	1.86	1.81	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):	410,324
												Northing (Y, ft):	1,160,816
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

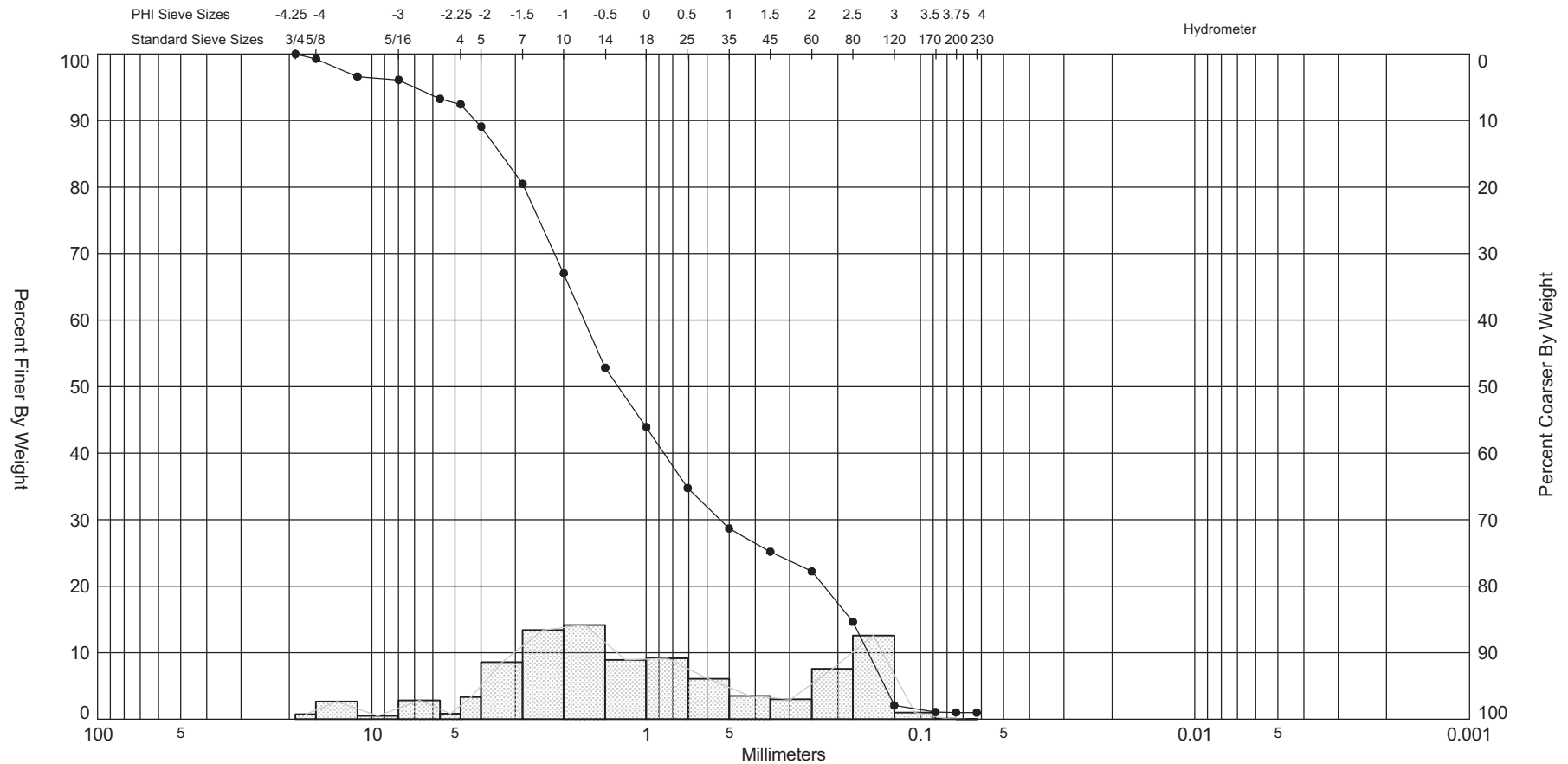
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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-10-48 #4	—●—	-14.9	SW	#200 - 1.22 #230 - 1.21			2.49	2.18	-2.37	8.8	0.98	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):	410,324
												Northing (Y, ft):	1,160,816
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

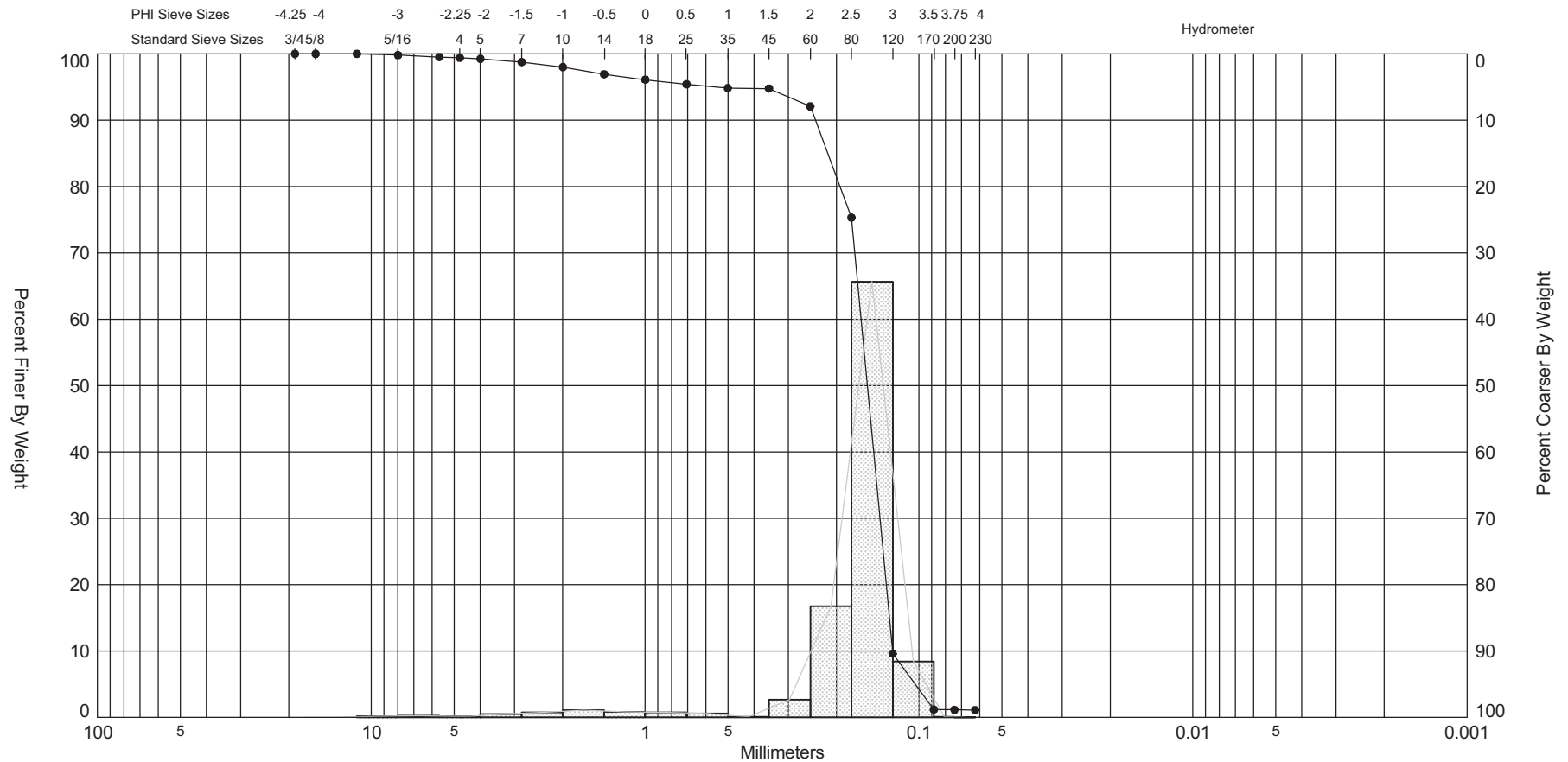
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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-10-48 #5	—●—	-15.3	SW	#200 - 1.02 #230 - 0.99				-0.05	0.12	2.24	1.79	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):	410,324
												Northing (Y, ft):	1,160,816
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

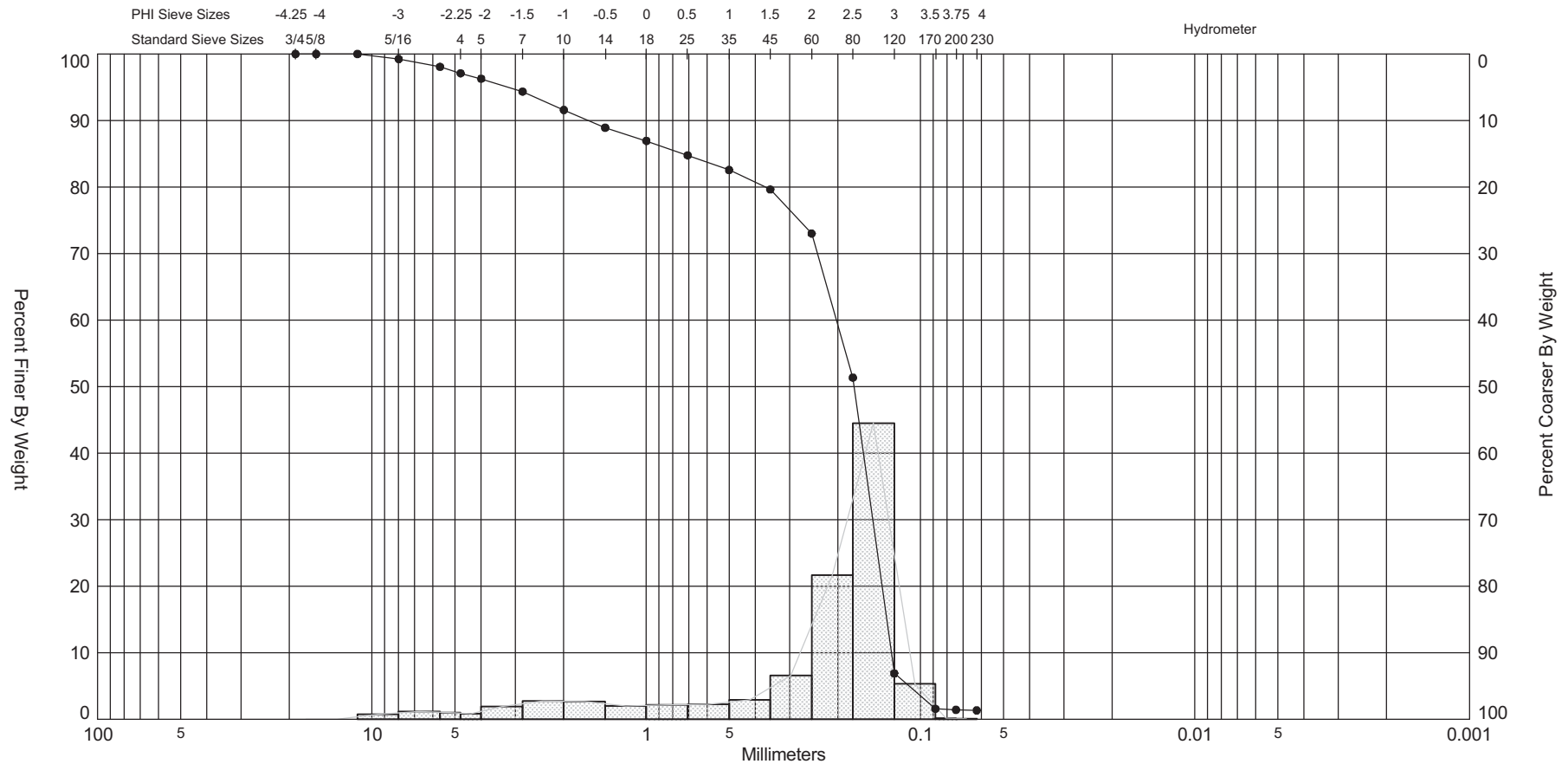
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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-10-48 #6	—●—	-17.6	SW	#200 - 1.13 #230 - 1.10			2.69	2.49	-3.8	19.05	0.87	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):	410,324
												Northing (Y, ft):	1,160,816
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

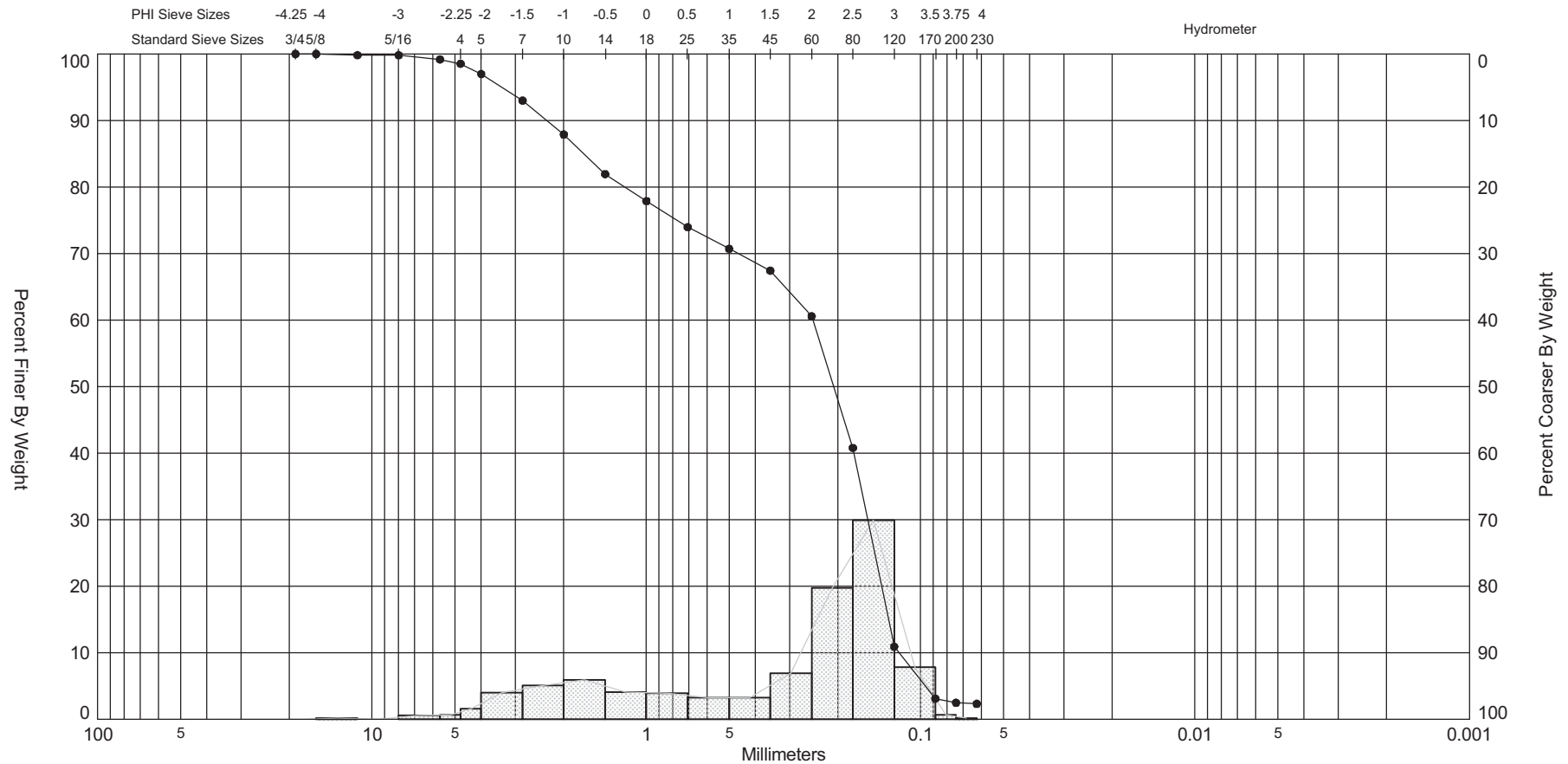
SIEVE ANALYSIS LBVC-10.GPJ JPBRAZIL.GDT 11/24/10




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-10-48 #7	—●—	-19.8	SW	#200 - 1.41 #230 - 1.34			2.52	1.9	-1.83	5.39	1.47	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):	410,324
												Northing (Y, ft):	1,160,816
												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-10-48 #8	—●—	-20.8	SW	#200 - 2.47 #230 - 2.31			2.27	1.52	-0.98	2.67	1.64	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						Easting (X, ft):	410,324
						2481 NW Boca Raton Blvd, Boca Raton						Northing (Y, ft):	1,160,816
						FL 33431						Horizontal System:	NAD 1983
						ph (561) 391-8102 fax (561) 391-9116						Vertical System:	NAVD 88