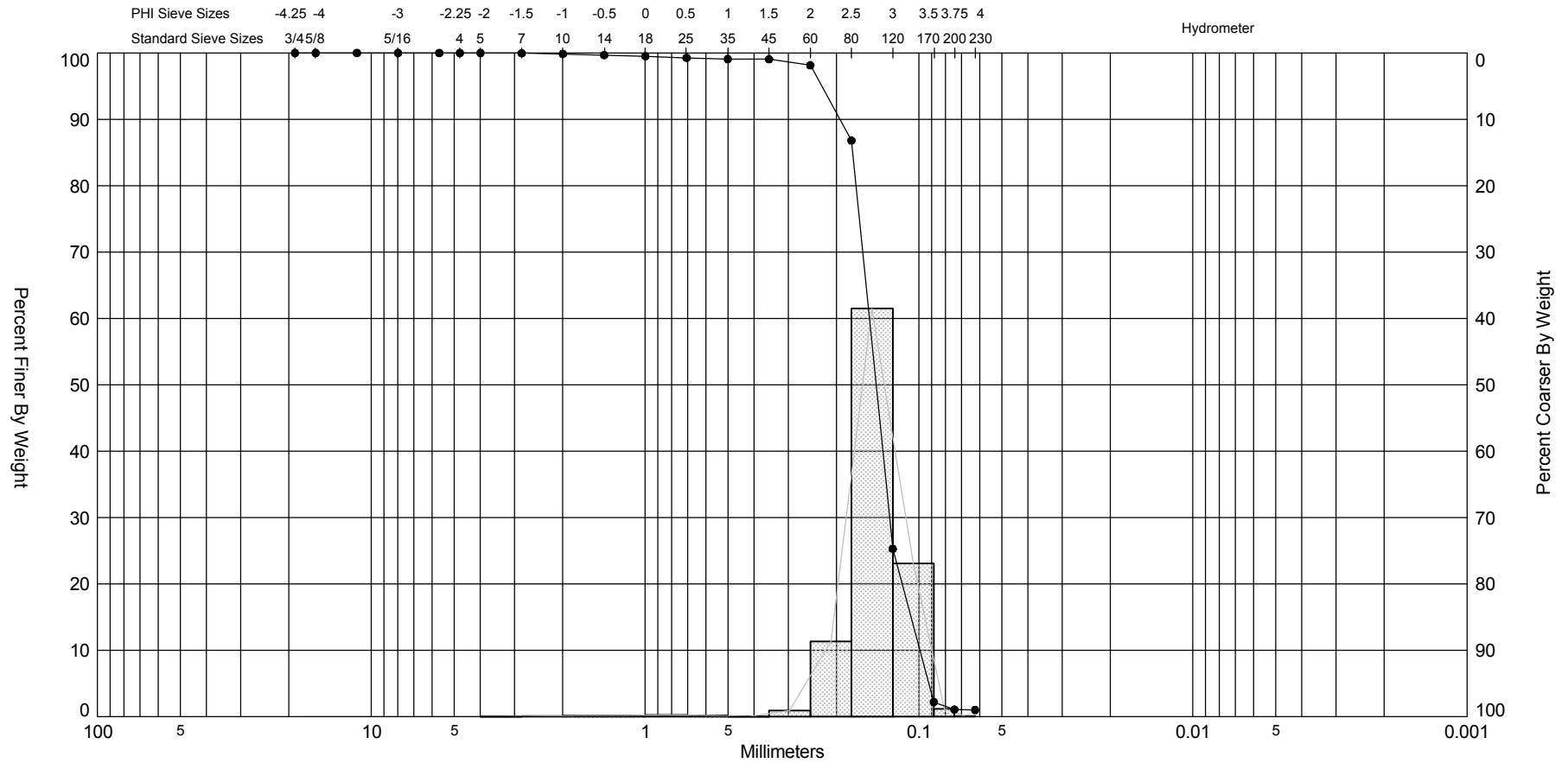



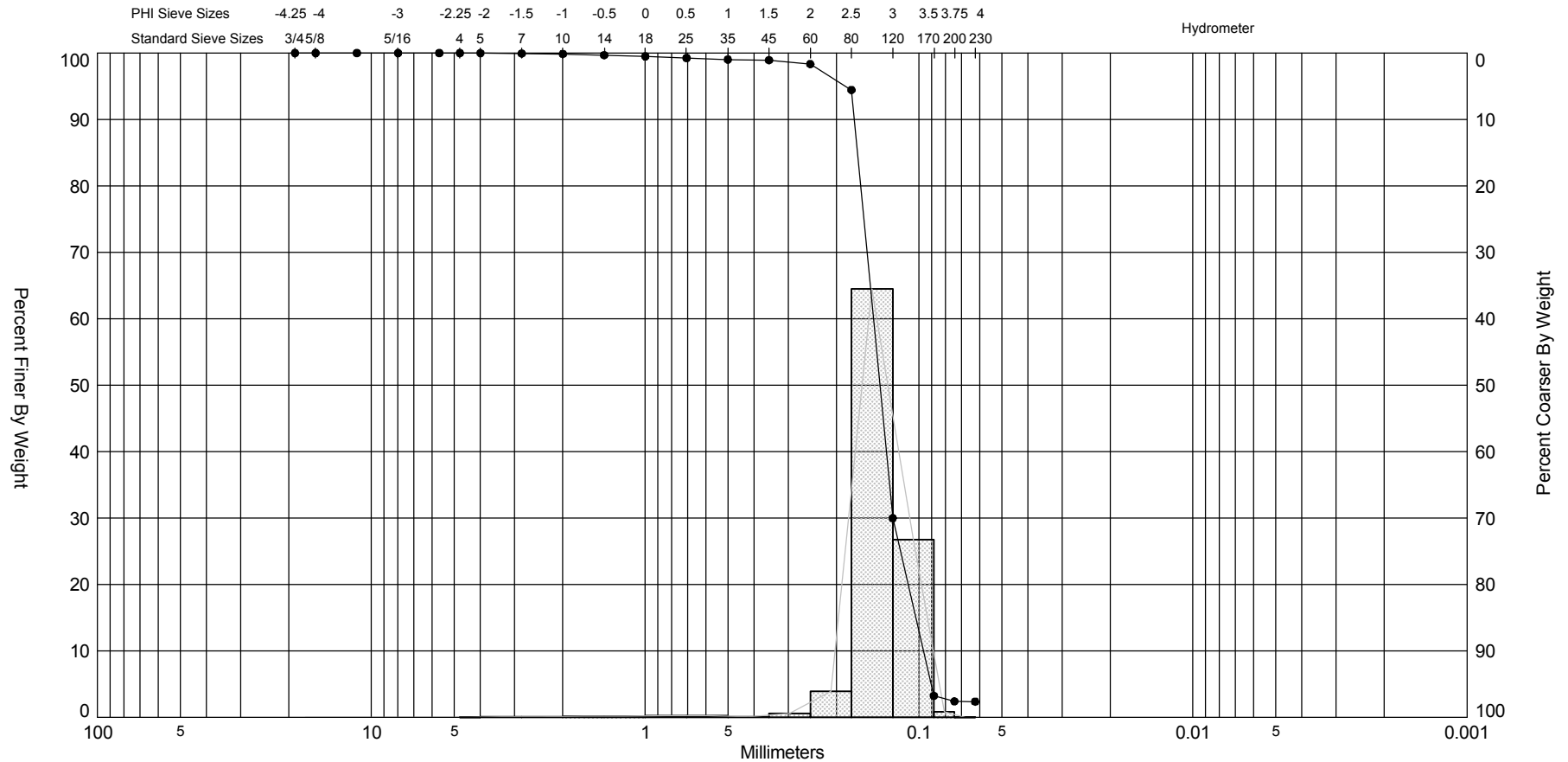
SIEVE ANALYSIS 2010: AMVC_PIPELINE_ROUTE.GPJ JPBBRAZIL.GDT 11/17/10




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	
AMVC-10-20 #1	—●—	-23.2	SP	#200 - 1.07 #230 - 1.00		2	2.8	2.78	-3.41	28.57	0.43	Project Name:	Manatee Co. Pipeline Sand Search
Comments:												Analysis Date:	04-21-10
Depths and elevations based on measured values												Analyzed By:	KG
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	398,538
												Northing (Y, ft):	1,166,535
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

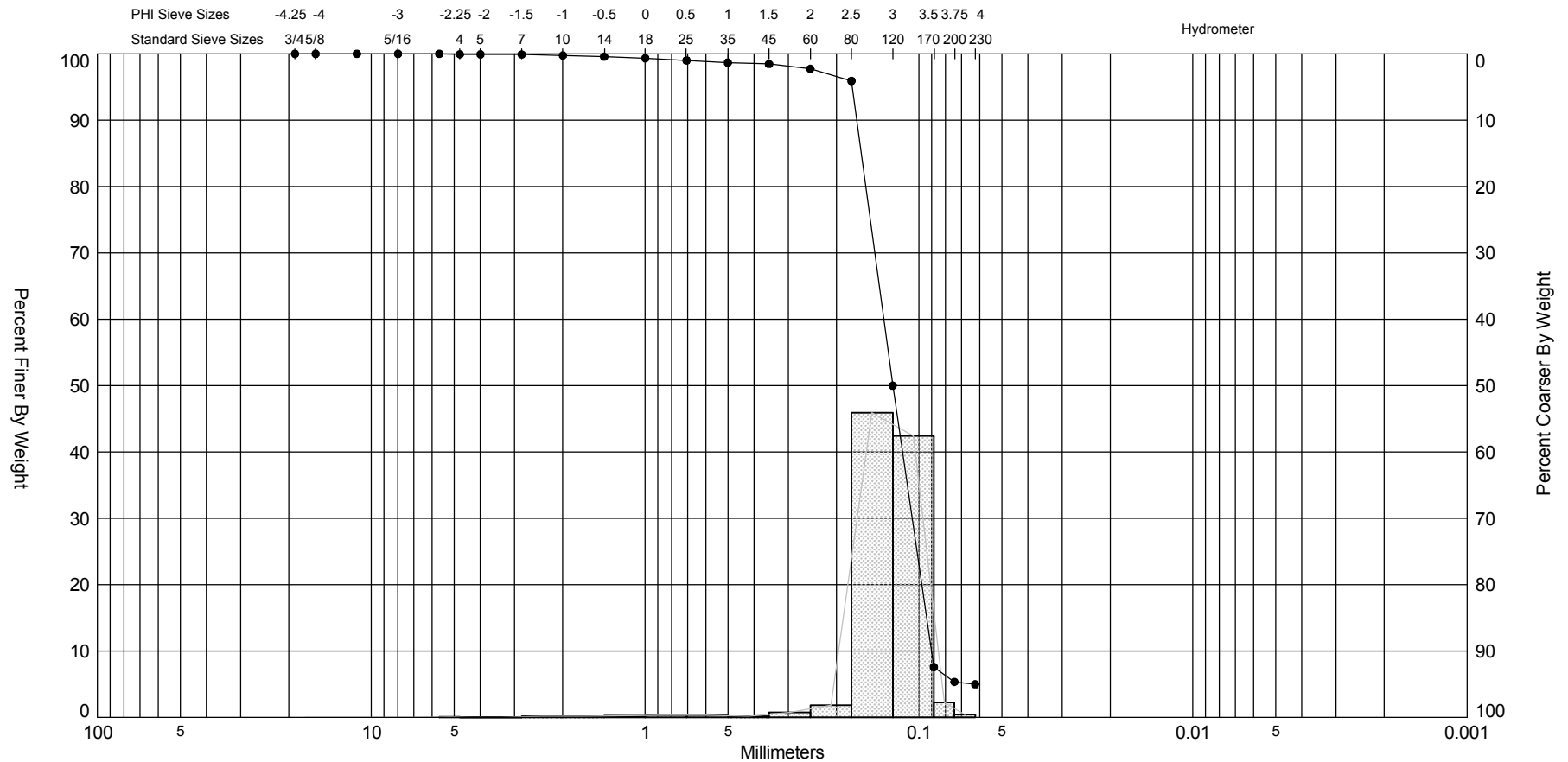
SIEVE ANALYSIS 2010: AMVC_PIPELINE_ROUTE.GPJ JPBBRAZIL.GDT 11/17/10




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	
AMVC-10-20 #2	—●—	-27.2	SP	#200 - 2.40 #230 - 2.37		3	2.84	2.84	-4.37	38.6	0.42	Project Name:	Manatee Co. Pipeline Sand Search
Comments:												Analysis Date:	04-20-10
Depths and elevations based on measured values												Analyzed By:	KG
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	398,538
												Northing (Y, ft):	1,166,535
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

SIEVE ANALYSIS 2010: AMVC_PIPELINE_ROUTE.GPJ JPBBRAZIL.GDT 12/15/10



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	
AMVC-10-20 #3	—●—	-30.2	SP-SM	#200 - 5.35 #230 - 4.97		4	3	2.94	-4.38	34.49	0.5	Project Name:	Manatee Co. Pipeline Sand Search
Comments:												Analysis Date:	04-20-10
Depths and elevations based on measured values												Analyzed By:	KG
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	398,538
												Northing (Y, ft):	1,166,535
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88