

**Perdido Key, FL
Feasibility Study for Beach Restoration**

Sand Search Investigation

**Native Beach Surface Sediment Samples:
Grain Size Distribution Analyses**

January 2006

Prepared for:

Escambia County, FL
&
Florida Department of Environmental Protection
Bureau of Beaches and Coastal Systems

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Sample Analyses Prepared By:

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Melbourne, FL

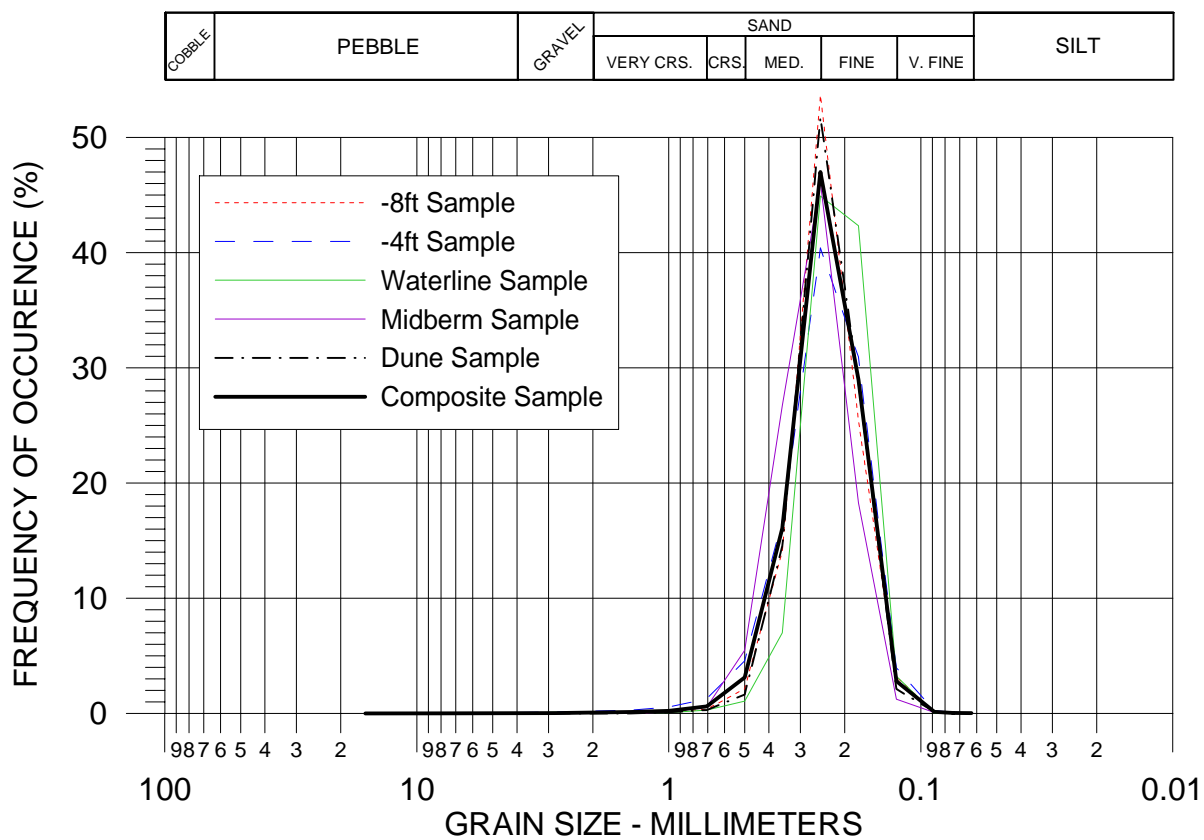
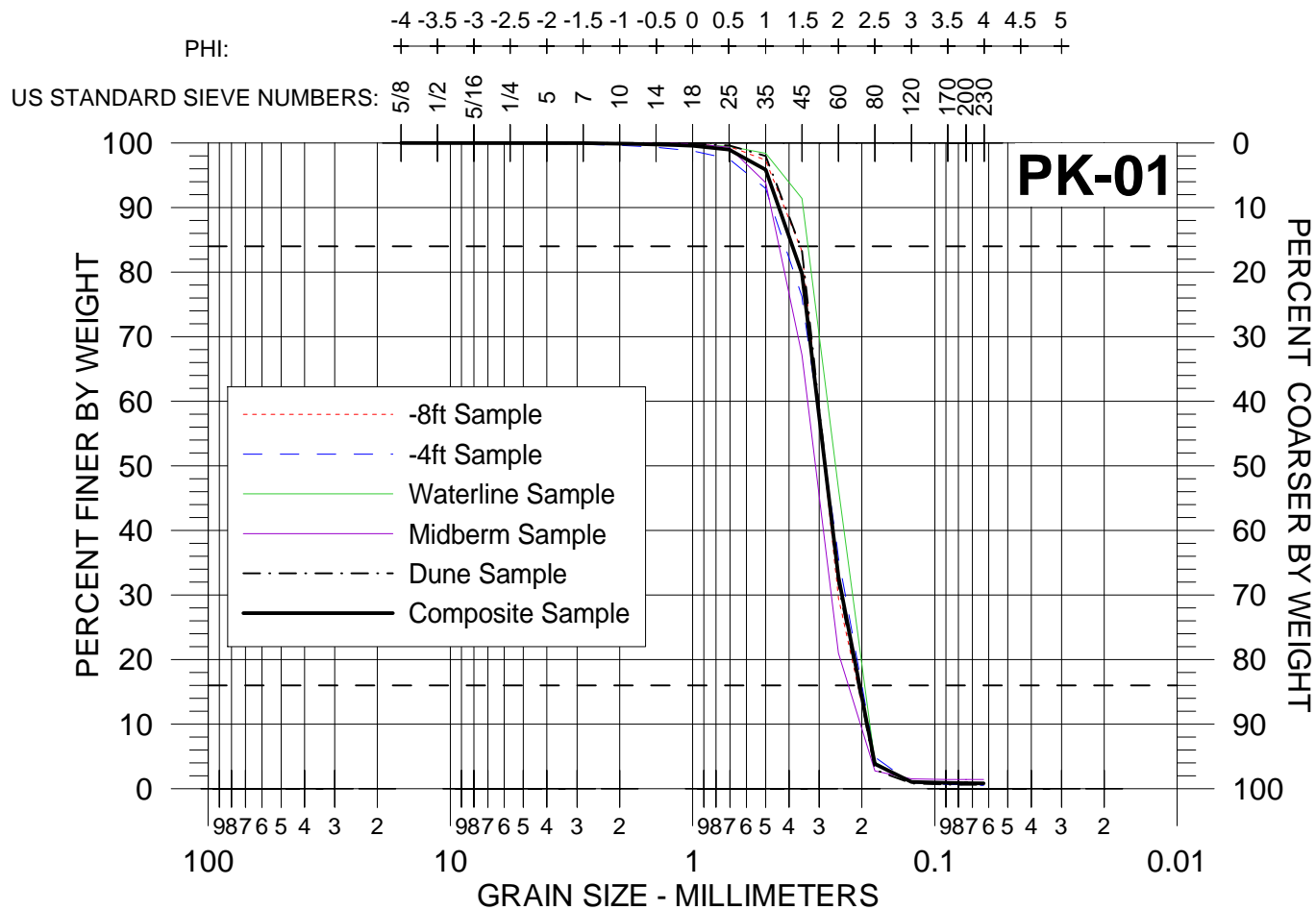
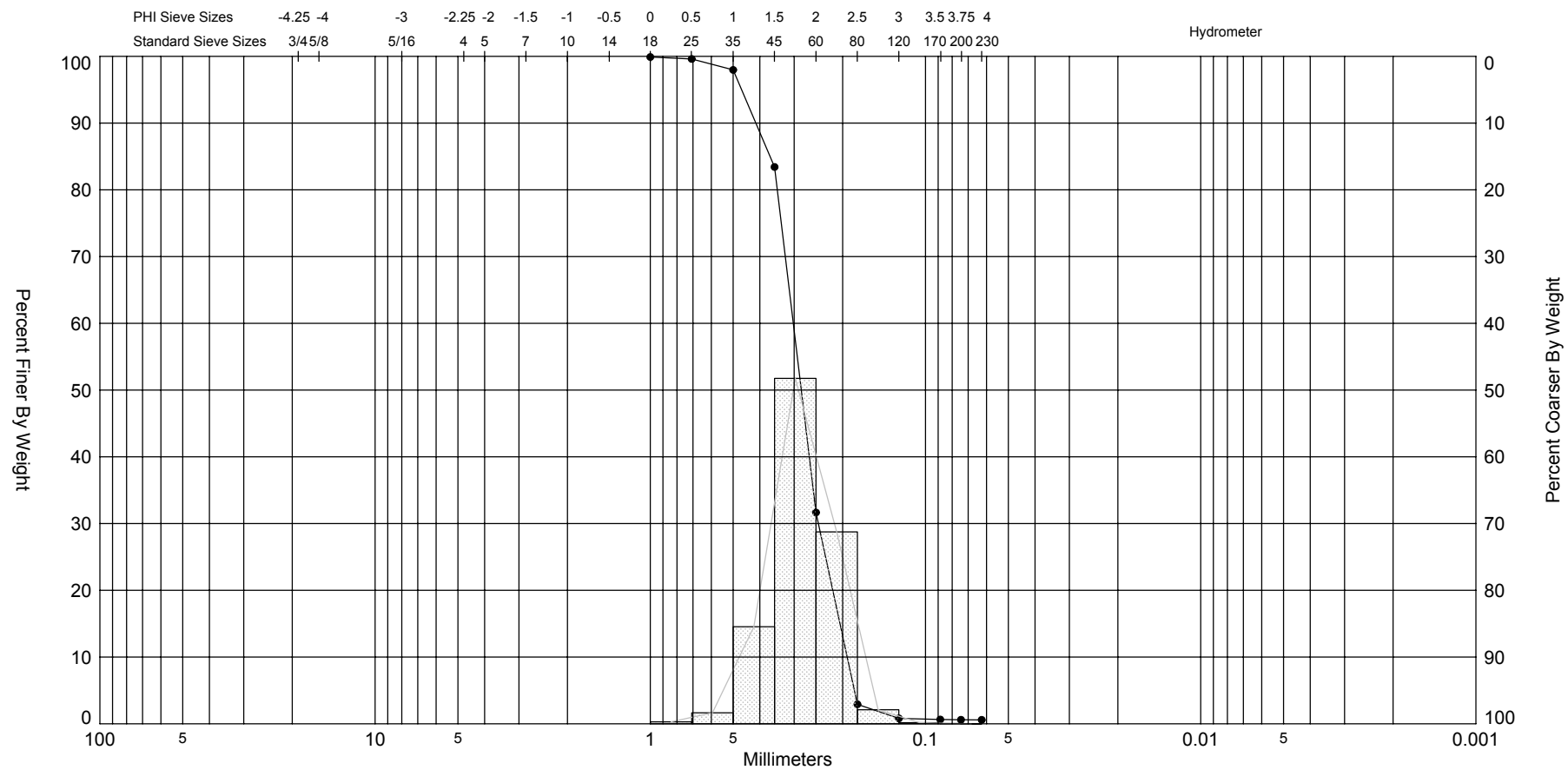



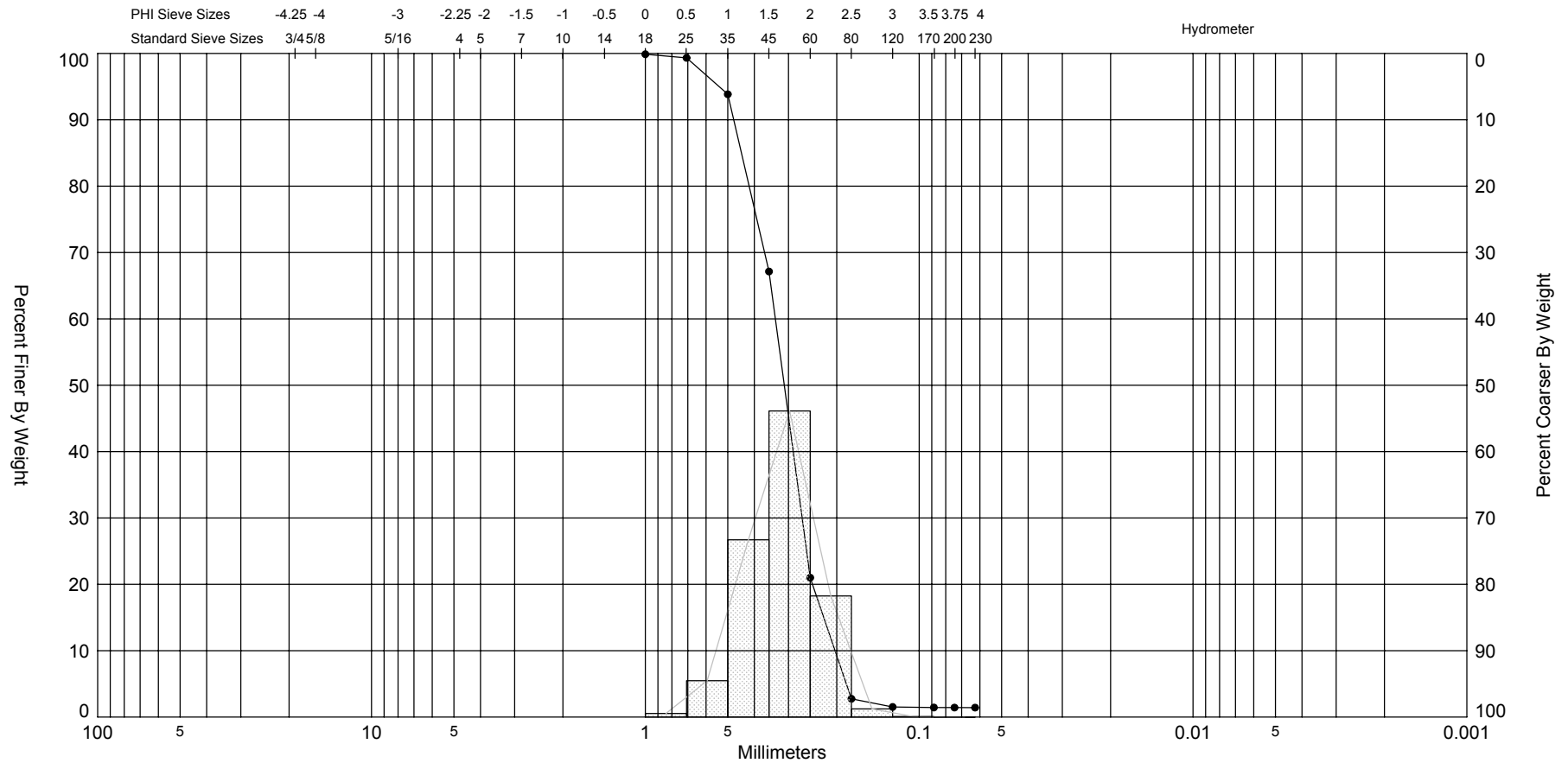
Figure A-1: Native beach grain size distribution for PK-01
Perdido Key, FL

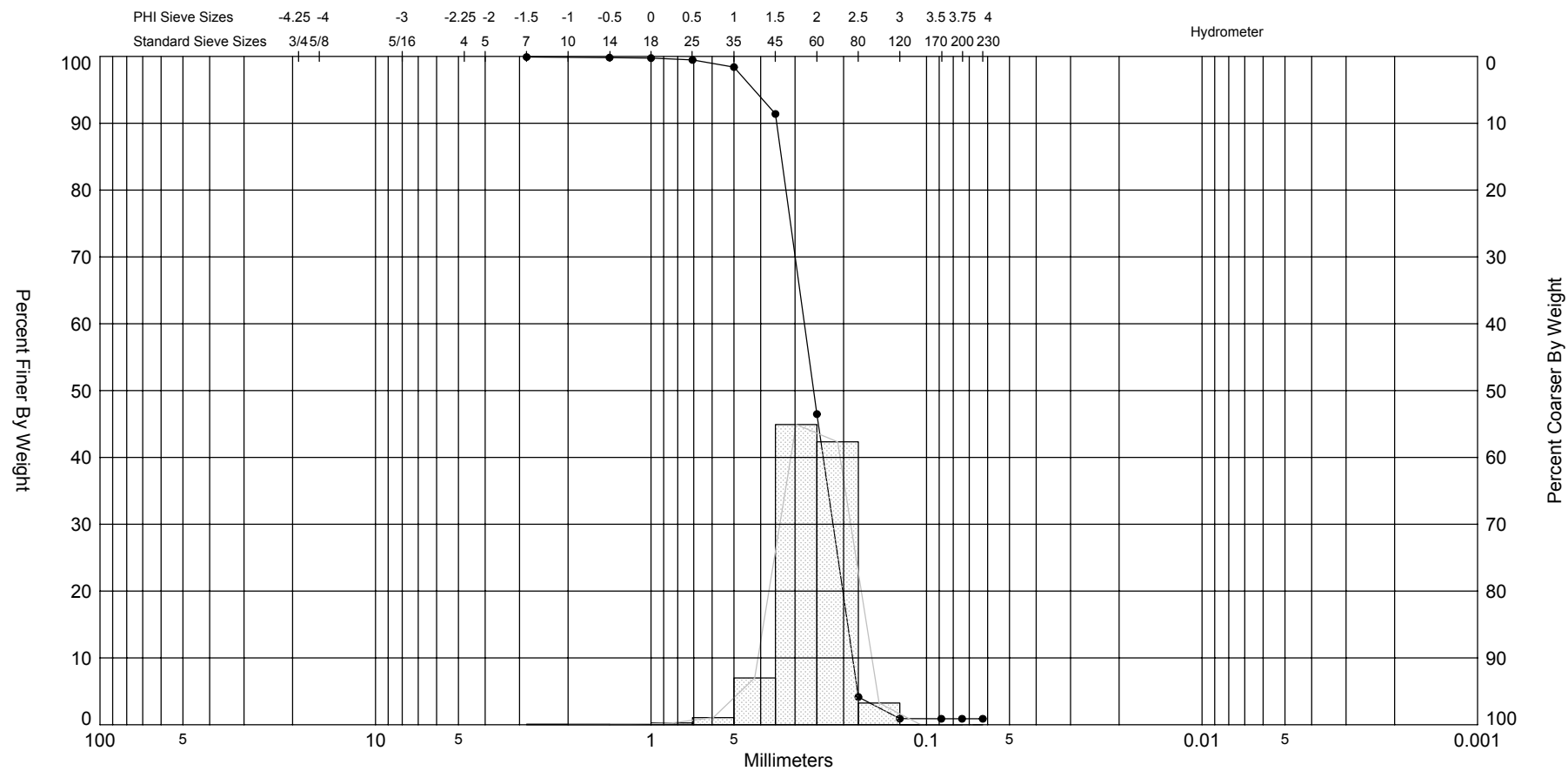


Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	


Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
ES R-001 dune			SP	#200 - 0.60 #230 - 0.59			1.82	1.82	-0.2	4	0.39	Project Name:	Perdido Key - Beach Feasibility Study
Comments:												Analysis Date:	11-15-05
Depths and elevations based on measured values												Analyzed By:	SEA Inc.
						Scientific Environmental Applications 5575 Willoughby Drive Melbourne, FL 32934 ph 321 254-2708 fax 321 254-2708						Easting (X, ft):	
												Northing (Y, ft):	
												Horizontal System:	
												Vertical System:	

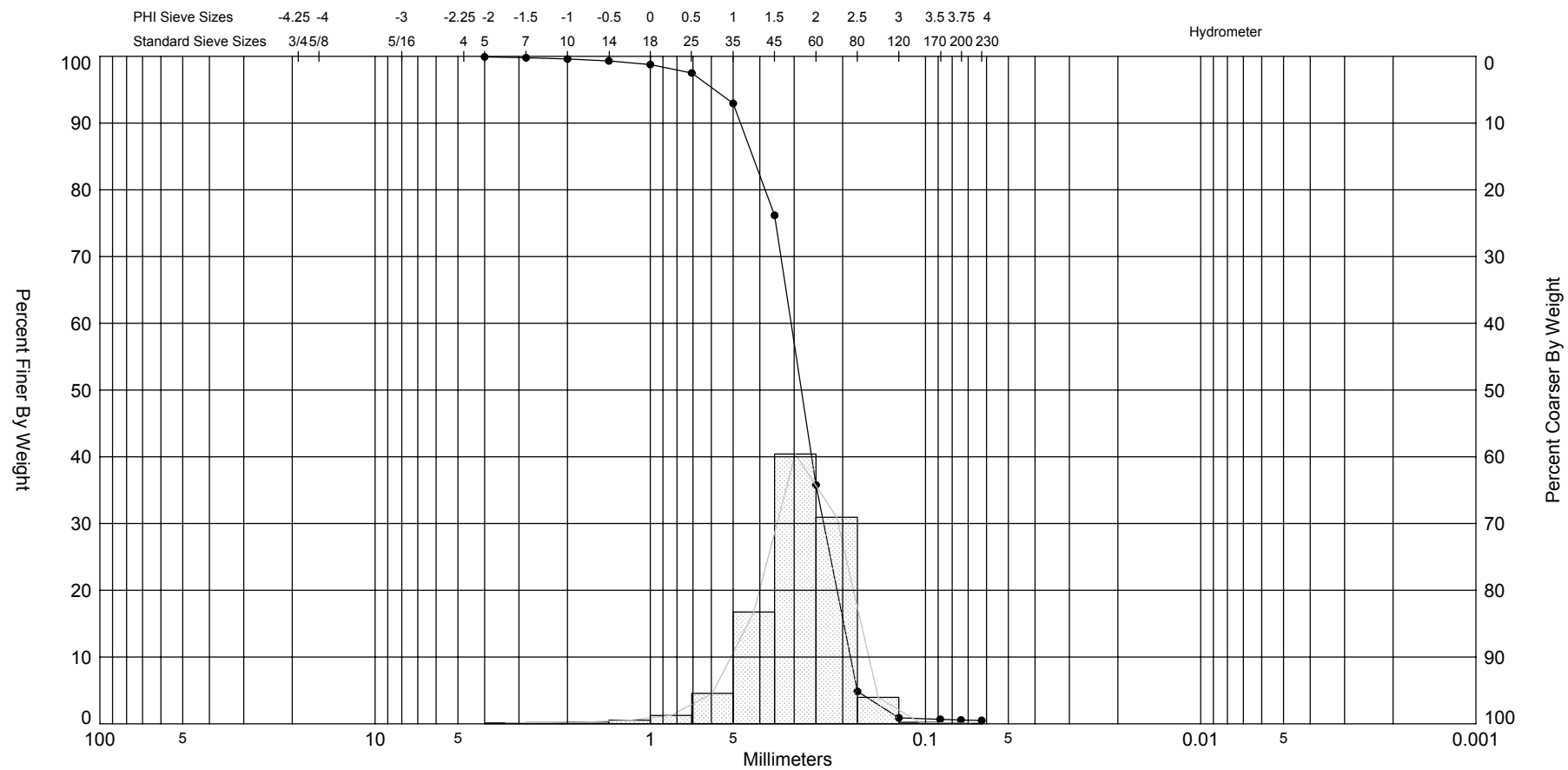
SIEVE ANALYSIS OLSEN ES.GPJ FL DEP ROSS.GDT 11/28/05






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	
ES R-001 waterline			SP	#200 - 0.89 #230 - 0.89		1.43	1.96	1.94	-1.02	7.55	0.38	Project Name:	Perdido Key - Beach Feasibility Study
Comments:												Analysis Date:	11-15-05
Depths and elevations based on measured values												Analyzed By:	SEA Inc.
						Scientific Environmental Applications 5575 Willoughby Drive Melbourne, FL 32934 ph 321 254-2708 fax 321 254-2708						Easting (X, ft):	
												Northing (Y, ft):	
												Horizontal System:	
												Vertical System:	



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	
ES R-001 -4			SP	#200 - 0.57 #230 - 0.50		2.58	1.82	1.77	-1.25	7.73	0.56	Project Name:	Perdido Key - Beach Feasibility Study
Comments:												Analysis Date:	11-15-05
Depths and elevations based on measured values												Analyzed By:	SEA Inc.
						Scientific Environmental Applications 5575 Willoughby Drive Melbourne, FL 32934 ph 321 254-2708 fax 321 254-2708						Easting (X, ft):	
												Northing (Y, ft):	
												Horizontal System:	
												Vertical System:	



Silt and Clay

Sample Information

Project Name:	Perdido Key - Beach Feasibility Study
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Analysis Date:	11-15-05
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Analyzed By:	SEA Inc.
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Easting (X, ft):

Northing (Y, ft):

Horizontal System:

Vertical System:

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