

**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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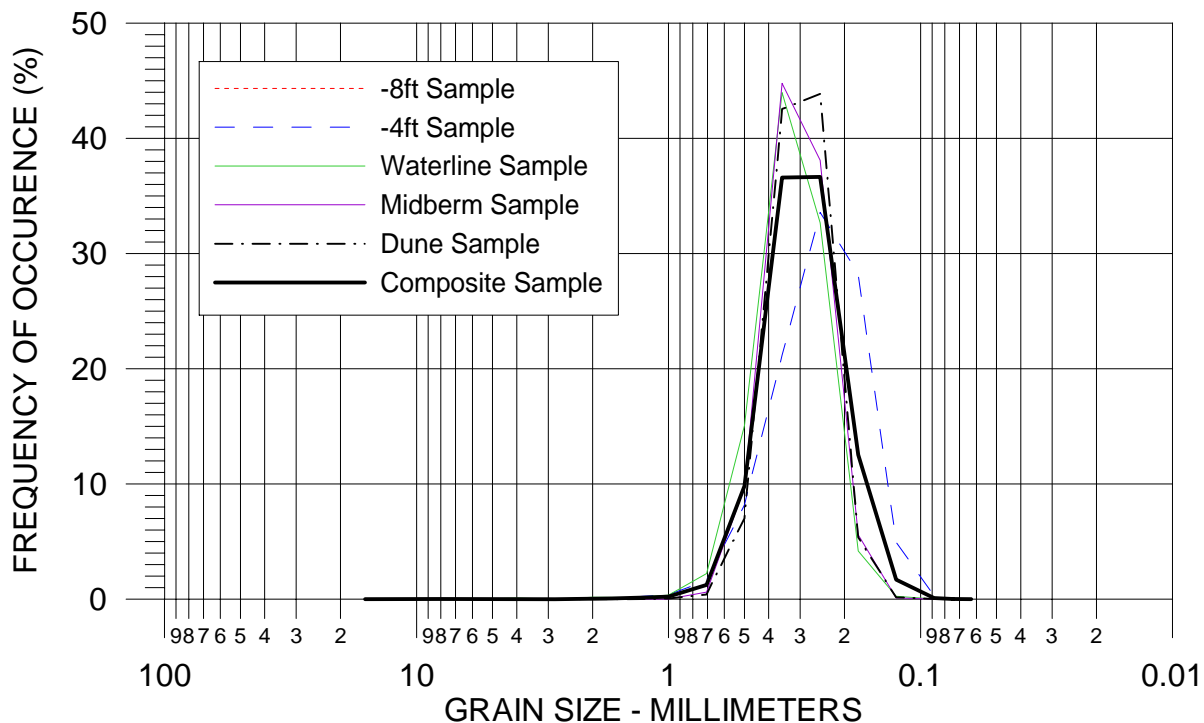
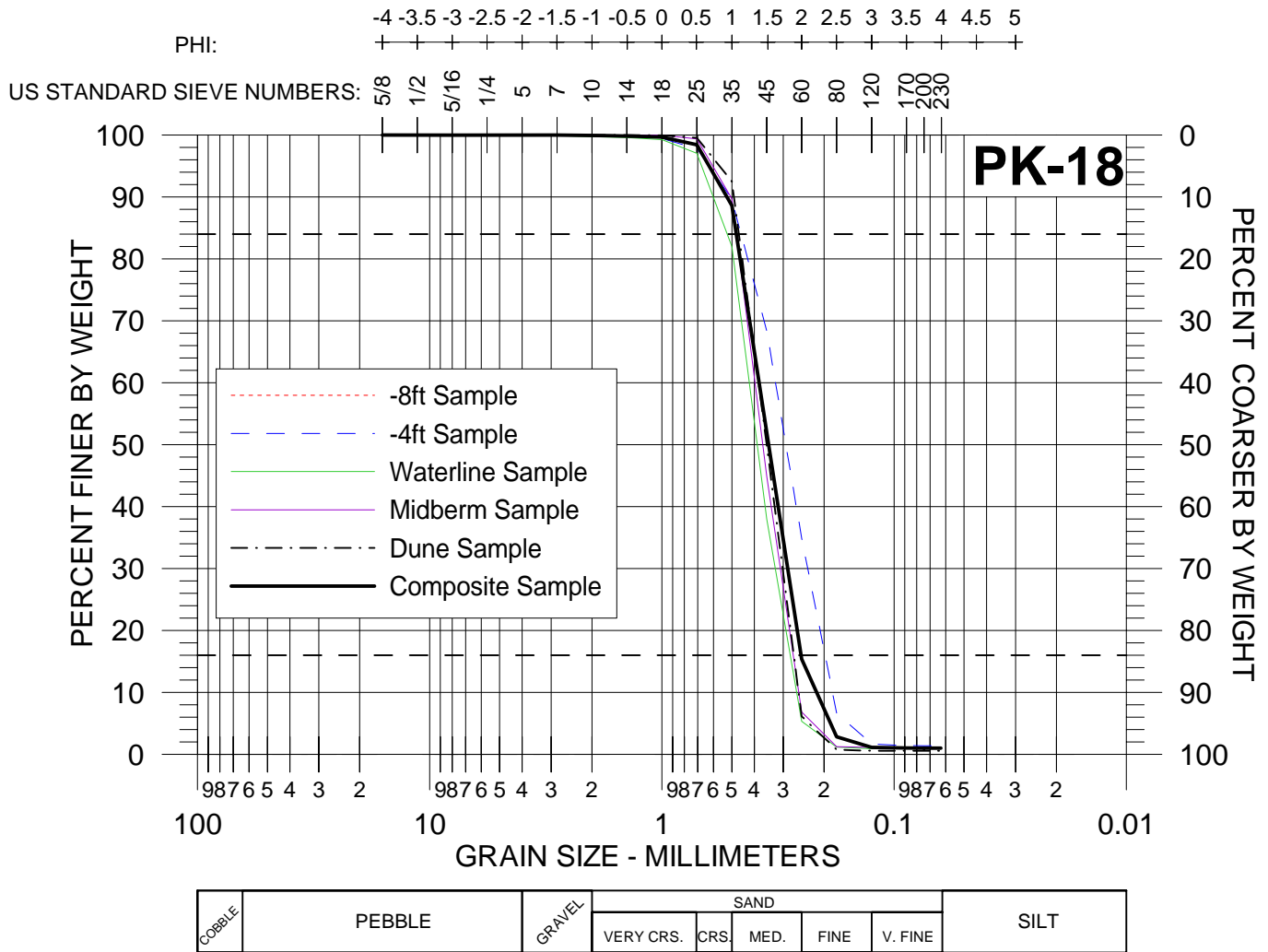
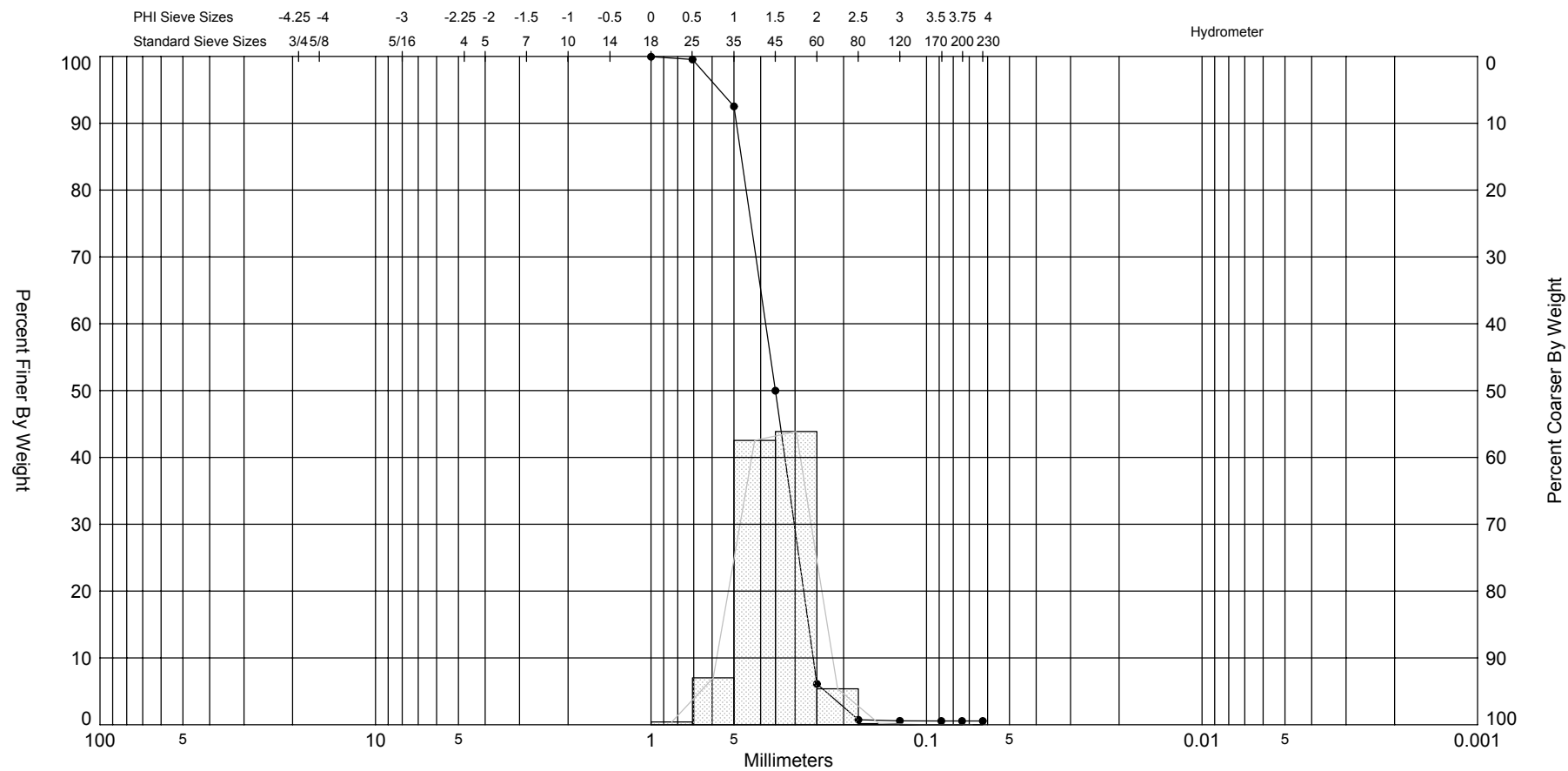



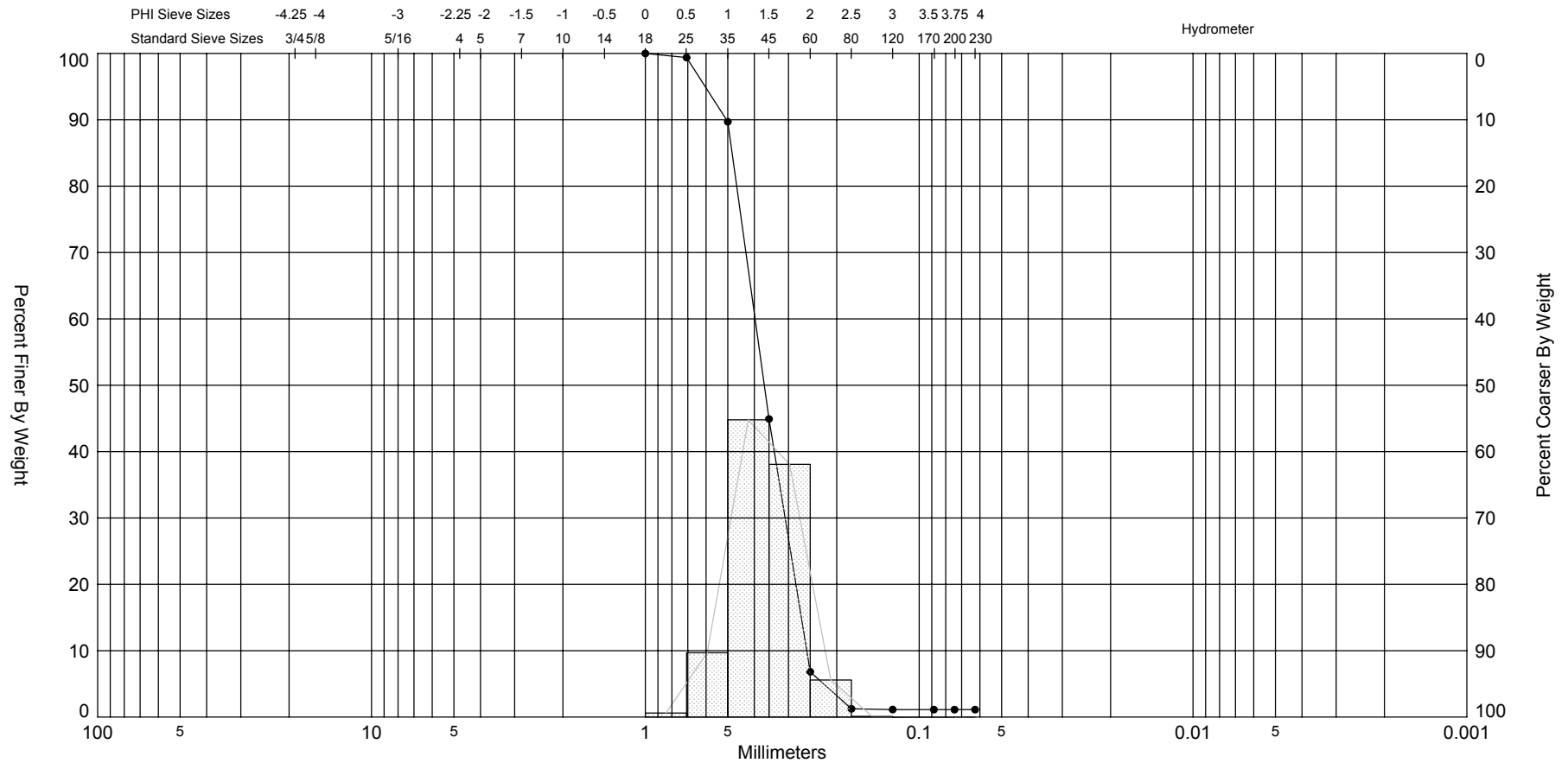
Figure A-4: Native beach grain size distribution for PK-18
Perdido Key, FL

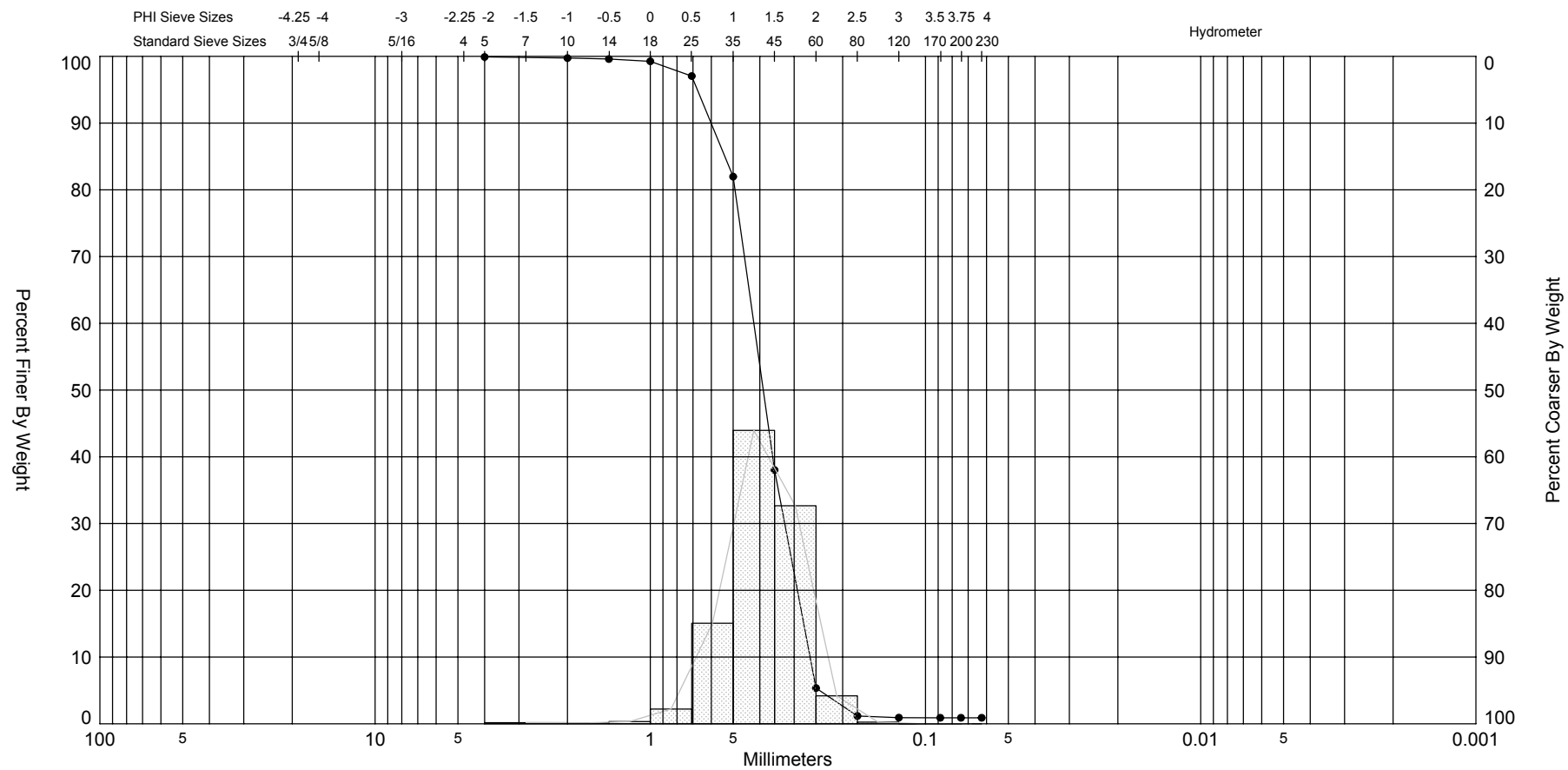


Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	


Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
ES R-018 dune			SP	#200 - 0.56 #230 - 0.56			1.5	1.49	-0.11	3.26	0.37	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-018 waterline			SP	#200 - 0.90 #230 - 0.90		1.83	1.36	1.35	-0.72	6.09	0.46	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:	

