

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BPE-T5
 LOCATION: Bolivar Peninsula East

BOLIVAR PENINSULA EAST						
Transect 5						
ASTM MESH	PERCENT SHELL BY WEIGHT (BASED ON #10 SIEVE)					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
RETAINED BY #10	2.0	15.7	14.8	14.6	1.2	17.7
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	99.0	78.0	96.8	87.7	99.6	97.5
#18	95.7	77.8	94.1	81.6	98.6	86.4
#35	88.3	77.4	91.6	76.2	97.5	77.8
#60	71.2	72.7	87.9	69.3	95.0	70.0
#70	58.8	65.6	83.2	65.0	92.6	66.0
#80	39.0	45.5	71.8	53.4	85.4	55.4
#100	14.3	20.0	38.0	32.2	60.8	33.9
#120	5.7	7.9	17.3	18.3	32.9	19.3
#170	1.2	1.0	1.7	2.7	3.0	1.7
#200	0.8	0.7	1.4	2.1	2.1	0.9
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.195	0.184	0.158	0.172	0.139	0.170
MEAN GRAIN SIZE (mm)	0.255	--	0.165	0.535	0.139	0.370
SORTING (σ)	0.867	--	0.831	--	0.437	1.401
Munsell Color	Very Pale Brown	Pale Brown	Brown	Brown	Brown	Brown



