

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BPE-T6
 LOCATION: Bolivar Peninsula East

BOLIVAR PENINSULA EAST						
Transect 6						
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	0.1	12.0	8.2	30.5	9.5	3.3
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	99.2	96.5	98.6	89.7	98.6	99.5
#18	98.7	87.7	92.1	64.4	88.4	92.2
#35	97.9	76.8	84.8	52.1	79.8	88.3
#60	92.2	61.5	71.3	43.6	70.9	86.6
#70	82.6	53.7	63.0	39.1	65.4	85.4
#80	59.9	37.1	48.4	30.0	55.0	81.9
#100	23.9	16.4	24.9	17.3	33.6	69.9
#120	9.4	6.3	12.1	9.3	20.1	53.1
#170	1.3	0.5	1.8	1.8	2.9	7.2
#200	1.0	0.1	1.4	1.5	2.2	4.1
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.169	0.202	0.180	0.421	0.170	0.122
MEAN GRAIN SIZE (mm)	0.173	0.380	0.264	0.759	0.329	0.137
SORTING (σ)	0.463	1.260	1.098	--	1.334	0.942
Munsell Color	Very Pale Brown	Light Brownish Gray	Pale Brown	Yellowish Brown	Yellowish Brown	Yellowish Brown



