

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BPE-T4
 LOCATION: Bolivar Peninsula East

BOLIVAR PENINSULA EAST						
Transect 4						
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	13.5	4.6	2.1	7.1	2.3	12.1
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	95.8	97.0	95.7	99.0	99.8	93.6
#18	84.6	96.5	95.4	97.6	99.0	78.9
#35	67.6	95.1	94.6	95.4	97.9	71.3
#60	43.3	81.6	87.7	89.1	94.9	65.3
#70	32.2	68.1	78.0	84.3	91.6	61.6
#80	19.1	42.2	58.4	68.0	82.5	49.3
#100	7.1	17.2	25.0	35.5	53.5	28.4
#120	3.3	6.1	10.9	17.3	31.7	14.5
#170	0.7	0.9	1.4	2.2	4.0	2.2
#200	0.4	0.4	1.0	1.7	2.9	1.3
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.303	0.186	0.169	0.161	0.145	0.179
MEAN GRAIN SIZE (mm)	0.483	0.205	0.179	0.164	0.143	0.526
SORTING (σ)	1.269	0.589	0.671	0.588	0.463	--
Munsell Color	Pale Brown	Pale Brown	Brown	Brown	Brown	Yellowish Brown



