

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

BOLIVAR PENINSULA CENTRAL						
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	0.1	1.4	0.0	6.0	4.8	13.2
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	100.0	99.7	100.0	100.0	98.8	99.1
#18	99.8	99.4	99.5	97.8	97.1	88.4
#35	99.5	99.1	99.3	92.4	93.3	74.0
#60	95.3	97.2	97.3	82.4	84.6	59.6
#70	86.8	94.4	91.9	76.8	77.6	53.5
#80	67.5	81.9	77.6	65.6	65.1	42.8
#100	31.2	50.3	42.6	46.9	40.0	27.6
#120	16.4	28.4	19.9	29.6	23.6	16.7
#170	2.8	3.8	1.8	7.2	3.8	2.4
#200	1.2	2.7	1.4	6.6	2.8	1.7
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.163	0.149	0.155	0.153	0.160	0.199
MEAN GRAIN SIZE (mm)	0.164	0.145	0.154	0.178	0.172	0.377
SORTING (σ)	0.417	0.411	0.397	--	0.781	1.351
Munsell Color	Pale Brown	Light Brownish Gray	Yellowish Brown	Brown	Brown	Grayish Brown



