

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BPC -T1
 LOCATION: Bolivar Peninsula Central

BOLIVAR PENINSULA CENTRAL						
Transect 1						
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	0.4	0.2	5.3	2.4	3.0	12.3
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	100.0	100.0	100.0	100.0	99.3	98.5
#18	99.6	99.8	99.0	98.4	98.7	88.0
#35	98.8	99.4	97.4	96.7	97.7	77.3
#60	97.3	98.0	91.3	94.0	94.3	67.9
#70	94.7	94.1	84.4	91.7	91.7	63.8
#80	81.3	80.9	64.6	84.2	82.4	53.9
#100	37.0	35.3	35.4	65.8	52.3	34.6
#120	17.5	17.0	13.4	40.8	27.7	18.7
#170	1.8	1.8	3.4	5.7	3.2	2.7
#200	1.4	1.5	3.1	4.5	2.5	2.1
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.157	0.158	0.162	0.133	0.147	0.171
MEAN GRAIN SIZE (mm)	0.154	0.155	0.166	0.136	0.145	0.354
SORTING (σ)	0.344	0.349	0.516	0.549	0.475	1.359
Munsell Color	Very Pale Brown	Pale Brown	Pale Brown	Brown	Pale Brown	Yellowish Brown



