

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

BOLIVAR PENINSULA EAST						
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	6.9	13.8	16.2	0.1	0.9	0.3
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	98.2	100.0	90.6	100.0	98.3	99.2
#18	90.2	86.8	85.8	99.9	98.1	97.8
#35	75.4	74.2	80.0	99.9	97.6	97.1
#60	47.6	55.5	73.4	99.5	94.8	96.4
#70	35.6	43.6	69.6	98.9	90.8	95.7
#80	20.6	24.9	57.1	95.9	79.4	91.6
#100	7.3	9.2	24.4	86.3	49.2	74.9
#120	4.0	4.5	8.7	75.8	27.1	51.8
#170	2.1	1.3	1.4	62.7	4.1	7.5
#200	1.7	0.7	1.2	60.8	2.9	4.2
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.265	0.231	0.171	--	0.150	0.123
MEAN GRAIN SIZE (mm)	0.393	0.416	0.371	--	0.149	0.127
SORTING (σ)	1.278	1.203	--	--	0.471	0.435
Munsell Color	Yellowish Brown	Light Brownish Gray	Light Yellowish Brown	Yellowish Brown	Yellowish Brown	Brown



