

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BPE-T3
 LOCATION: Bolivar Peninsula East

BOLIVAR PENINSULA EAST						
Transect 3						
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	6.1	20.5	15.6	3.9	1.5	3.1
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	99.4	83.4	93.7	98.8	98.2	99.0
#18	91.6	71.9	60.9	91.1	96.6	94.0
#35	76.0	60.6	43.8	83.1	95.7	89.8
#60	50.3	42.5	32.6	74.9	94.4	86.6
#70	37.6	32.1	26.6	69.6	92.5	84.1
#80	22.1	16.4	17.7	54.4	84.1	76.6
#100	7.4	5.7	6.5	31.1	52.3	58.3
#120	3.3	2.5	2.8	16.8	29.1	38.2
#170	0.9	0.7	1.0	3.1	3.3	4.4
#200	0.6	0.5	0.9	2.5	2.2	2.5
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.249	0.333	0.643	0.171	0.146	0.139
MEAN GRAIN SIZE (mm)	0.376	--	0.815	0.278	0.143	0.149
SORTING (σ)	1.084	--	--	1.195	0.511	0.886
Munsell Color	Light Brown	Pale Brown	Yellowish Brown	Yellowish Brown	Yellowish Brown	Yellowish Brown



