

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BPE-T8
 LOCATION: Bolivar Peninsula East

BOLIVAR PENINSULA EAST						
Transect 8						
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	1.3	0.3	8.4	4.8	6.5	20.2
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	98.3	100.0	98.0	99.1	98.4	95.1
#18	98.1	100.0	95.1	93.9	94.9	83.7
#35	97.9	99.9	91.6	84.8	91.0	76.1
#60	96.3	98.3	84.5	75.1	85.4	70.6
#70	93.0	94.2	77.2	69.2	81.1	67.9
#80	81.0	78.6	59.8	53.8	70.9	60.0
#100	43.6	48.0	27.3	30.4	45.7	43.5
#120	20.4	25.8	14.3	15.7	26.3	28.3
#170	2.6	2.3	1.6	1.9	3.9	4.0
#200	1.7	1.5	1.4	1.3	3.0	3.1
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.153	0.151	0.168	0.172	0.153	0.159
MEAN GRAIN SIZE (mm)	0.151	0.149	0.181	0.256	0.165	0.427
SORTING (σ)	0.395	0.406	0.793	1.080	0.872	1.566
Munsell Color	Light Gray	Light Yellowish Brown	Yellowish Brown	Light Yellowish Brown	Yellowish Brown	Yellowish Brown



