

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BCP-T1
 LOCATION: Boca Chica Peninsula

BOCA CHICA PENINSULA						
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	0.1	0.0	0.0	0.0	0.0
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	100.0	100.0
#18	100.0	100.0	99.9	100.0	99.9	100.0
#35	99.9	100.0	99.9	99.8	99.5	99.8
#60	98.5	99.7	97.2	95.1	97.4	97.5
#70	97.3	97.9	87.8	79.3	92.6	91.3
#80	74.7	85.0	68.7	52.2	81.7	75.1
#100	32.0	46.7	31.1	24.9	55.1	40.4
#120	14.1	22.7	14.9	11.4	34.5	20.8
#170	1.3	1.5	0.9	1.6	2.9	1.8
#200	0.9	1.2	0.5	1.3	1.8	1.1
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.160	0.151	0.162	0.175	0.143	0.156
MEAN GRAIN SIZE (mm)	0.159	0.146	0.164	0.176	0.143	0.155
SORTING (σ)	0.326	0.350	0.387	0.406	0.437	0.413
Munsell Color	Pale Brown	Brown	Yellowish Brown	Yellowish Brown	Yellowish Brown	Yellowish Brown



