

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BCP-T5
 LOCATION: Boca Chica Peninsula

BOCA CHICA PENINSULA						
Transect 5						
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	0.0	0.0	0.0	0.4	0.0	0.2
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	99.8	99.9	99.7
#35	100.0	99.9	99.8	99.3	99.8	99.0
#60	99.5	98.9	98.7	90.2	98.3	91.6
#70	95.8	90.0	90.4	64.3	92.5	74.9
#80	74.2	60.4	50.3	33.0	64.5	47.2
#100	62.9	19.6	16.8	8.9	27.4	7.1
#120	38.8	6.7	6.2	3.3	12.2	0.8
#170	14.1	0.4	1.9	0.8	1.6	0.7
#200	4.3	0.2	1.8	0.8	1.4	0.4
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.136	0.169	0.177	0.194	0.165	0.180
MEAN GRAIN SIZE (mm)	0.139	0.171	0.176	0.197	0.165	0.189
SORTING (σ)	0.518	0.300	0.290	0.394	0.352	0.358
Munsell Color	Pale Brown	Brown	Light Yellowish Brown	Brown	Brown	Grayish Brown



