

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: SPI-T1
 LOCATION: South Padre Island

SOUTH PADRE ISLAND						
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	0.0	0.0	0.0	0.0	0.2	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	100.0	99.6	100.0	99.7
#35	100.0	100.0	99.9	99.1	100.0	98.8
#60	97.8	98.4	88.7	87.2	93.8	86.2
#70	82.4	85.6	58.5	55.5	73.1	58.8
#80	38.5	47.4	24.1	29.8	34.5	31.0
#100	10.1	12.7	7.1	8.3	12.2	10.8
#120	4.4	4.4	3.0	3.2	5.4	5.6
#170	1.2	0.9	1.3	1.2	1.8	2.7
#200	0.6	0.7	1.3	1.1	1.7	2.6
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.185	0.179	0.201	0.202	0.190	0.199
MEAN GRAIN SIZE (mm)	0.184	0.180	0.202	0.202	0.191	0.201
SORTING (σ)	0.274	0.269	0.384	0.421	0.356	0.467
Munsell Color	Very Pale Brown	Very Pale Brown	Brown	Brown	Brown	Light Brownish Gray



