

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: SPI-T4
 LOCATION: South Padre Island

SOUTH PADRE ISLAND						
Transect 4						
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	0.4	0.0	0.2	0.6	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	99.9	99.9	100.0	99.6	99.9	99.6
#35	99.9	99.8	99.9	99.0	98.8	98.7
#60	99.3	99.4	95.5	90.6	96.3	90.5
#70	94.4	96.1	81.9	69.9	82.3	71.6
#80	68.2	67.7	48.5	35.0	55.7	39.6
#100	25.0	36.3	18.0	13.4	24.2	16.5
#120	11.2	9.0	7.9	5.9	12.3	7.7
#170	0.9	1.0	1.4	1.0	2.0	1.6
#200	0.7	0.7	1.3	0.9	1.8	1.5
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.165	0.161	0.178	0.190	0.172	0.187
MEAN GRAIN SIZE (mm)	0.165	0.162	0.179	0.193	0.173	0.190
SORTING (σ)	0.322	0.309	0.348	0.428	0.398	0.462
Munsell Color	Very Pale Brown	Very Pale Brown	Yellowish Brown	Yellowish Brown	Yellowish Brown	Yellowish Brown



