

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: SPI-T5
 LOCATION: South Padre Island

SOUTH PADRE ISLAND						
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	0.9	0.0	0.0	2.8	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	99.7	99.7	99.3
#35	99.9	99.9	100.0	99.2	99.2	97.6
#60	98.8	99.5	97.8	93.8	93.4	84.7
#70	94.5	96.1	82.8	78.0	83.9	60.1
#80	65.7	65.4	49.2	43.9	60.5	27.9
#100	19.9	25.3	16.4	15.5	27.7	10.0
#120	9.7	9.9	6.9	6.6	14.3	4.8
#170	2.4	1.0	2.4	1.1	1.9	1.5
#200	1.3	0.8	2.2	1.0	1.7	1.3
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.167	0.166	0.178	0.182	0.168	0.199
MEAN GRAIN SIZE (mm)	0.168	0.165	0.180	0.185	0.169	0.202
SORTING (σ)	0.309	0.307	0.325	0.375	0.455	0.462
Munsell Color	Light Brownish Gray	Light Brownish Gray	Yellowish Brown	Brown	Brown	Brown



