

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: PI-T2
 LOCATION: Padre Island

PADRE ISLAND						
Transect 2						
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	0.7	0.1
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	100.0	99.9	99.9
#35	100.0	100.0	100.0	99.8	99.7	99.5
#60	99.8	99.1	98.9	96.6	97.8	95.5
#70	98.5	94.2	94.1	87.8	93.5	85.0
#80	88.7	70.3	76.3	68.4	81.5	62.1
#100	63.1	35.9	49.0	45.3	60.4	39.7
#120	34.7	16.3	25.5	24.7	38.7	22.7
#170	1.6	1.6	1.4	1.6	2.8	1.9
#200	0.8	0.7	1.0	1.1	1.8	1.3
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.137	0.160	0.150	0.154	0.137	0.161
MEAN GRAIN SIZE (mm)	0.137	0.160	0.150	0.156	0.140	0.160
SORTING (σ)	0.370	0.361	0.406	0.451	0.436	0.459
Munsell Color	Very Pale Brown	Light Gray	Light Gray	Light Brownish Gray	Grayish Brown	Light Brownish Gray



