

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

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	0.1	0.4
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	98.9
#35	99.9	100.0	100.0	99.7	99.7	97.2
#60	99.7	99.6	99.4	97.0	98.3	92.0
#70	98.8	96.1	96.3	91.0	95.0	84.0
#80	91.5	77.4	80.3	75.7	83.3	69.3
#100	70.8	44.9	53.5	55.5	61.7	51.9
#120	37.9	22.5	29.0	34.0	36.4	33.6
#170	2.0	0.9	1.8	2.0	2.2	2.4
#200	0.7	0.3	1.1	1.2	1.4	1.4
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.133	0.153	0.145	0.142	0.137	0.146
MEAN GRAIN SIZE (mm)	0.133	0.151	0.145	0.146	0.139	0.153
SORTING (σ)	0.359	0.378	0.394	0.457	0.407	0.596
Munsell Color	Very Pale Brown	Very Pale Brown	Light Gray	Grayish Brown	Light Gray	Grayish Brown



