

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: MIC-T1
 LOCATION: Mustang Island Central

MUSTANG ISLAND CENTRAL						
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	0.4	0.1	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	99.7	99.9	99.9
#35	100.0	100.0	100.0	98.3	99.6	99.2
#60	99.9	99.9	99.6	93.5	95.7	93.8
#70	98.9	98.9	97.1	86.4	87.8	86.2
#80	92.0	92.6	87.8	72.2	70.6	73.1
#100	68.3	71.2	65.9	53.2	46.0	55.1
#120	33.2	39.0	41.3	32.7	25.9	34.9
#170	1.7	1.5	2.8	3.3	2.1	3.3
#200	0.8	0.7	1.6	2.5	1.4	2.0
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.136	0.133	0.133	0.145	0.153	0.143
MEAN GRAIN SIZE (mm)	0.135	0.133	0.135	0.150	0.154	0.149
SORTING (σ)	0.353	0.353	0.394	0.547	0.462	0.537
Munsell Color	Very Pale Brown	Very Pale Brown	Brown	Grayish Brown	Grayish Brown	Dark Grayish Brown



