

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

MUSTANG ISLAND SOUTH						
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	0.1
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	100.0	99.8
#35	100.0	100.0	100.0	96.3	99.8	99.2
#60	99.5	99.6	98.7	88.8	97.8	94.5
#70	97.3	97.3	93.1	87.4	93.3	86.6
#80	83.9	83.6	73.6	72.5	80.5	71.3
#100	53.6	53.3	41.7	51.5	60.7	51.0
#120	26.5	26.6	22.7	28.6	35.0	30.9
#170	0.9	0.8	2.0	1.8	2.0	1.9
#200	0.5	0.3	1.7	1.1	1.2	1.1
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.146	0.146	0.156	0.147	0.138	0.148
MEAN GRAIN SIZE (mm)	0.144	0.144	0.154	0.152	0.142	0.152
SORTING (σ)	0.367	0.369	0.408	0.611	0.431	0.504
Munsell Color	Very Pale Brown	Very Pale Brown	Dark Grayish Brown	Dark Grayish Brown	Dark Grayish Brown	Dark Grayish Brown



