

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: MIS-T3
 LOCATION: Mustang Island South

MUSTANG ISLAND SOUTH						
Transect 3						
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	0.2	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	99.8	100.0	100.0	100.0	100.0	100.0
#18	99.8	100.0	100.0	99.8	99.8	99.7
#35	99.8	100.0	100.0	99.4	99.2	99.1
#60	99.3	99.8	98.8	93.2	94.4	94.8
#70	97.5	97.7	94.0	80.3	86.8	86.7
#80	83.9	80.3	74.0	61.2	73.9	68.7
#100	52.8	46.2	45.1	41.7	54.4	44.9
#120	25.9	24.0	21.6	25.0	34.1	28.1
#170	1.0	0.8	1.5	1.9	2.3	2.1
#200	0.5	0.3	1.2	1.3	1.4	1.3
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.146	0.152	0.153	0.160	0.143	0.155
MEAN GRAIN SIZE (mm)	0.144	0.149	0.153	0.163	0.149	0.155
SORTING (σ)	0.364	0.370	0.395	0.544	0.511	0.486
Munsell Color	Very Pale Brown	Very Pale Brown	Grayish Brown	Brown	Dark Grayish Brown	Light Brownish Gray



