

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: MIN-T6
 LOCATION: Mustang Island North

MUSTANG ISLAND NORTH						
Transect 6						
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	0.1	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	100.0	99.9	99.9
#35	99.9	99.9	100.0	99.9	99.7	99.4
#60	99.7	99.7	99.1	98.5	96.5	93.9
#70	98.9	98.4	96.8	96.0	91.8	89.0
#80	91.6	90.9	86.4	89.6	77.9	79.8
#100	58.7	64.2	65.8	71.4	49.8	60.6
#120	33.6	36.3	42.6	47.3	33.1	40.2
#170	2.2	1.9	2.9	3.4	2.7	2.7
#200	1.7	1.3	2.0	2.4	1.8	1.8
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.140	0.136	0.132	0.127	0.149	0.136
MEAN GRAIN SIZE (mm)	0.138	0.136	0.135	0.131	0.148	0.142
SORTING (σ)	0.360	0.364	0.398	0.398	0.454	0.512
Munsell Color	Light Gray	Light Gray	Gray	Gray	Gray	Gray



