

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

MUSTANG ISLAND NORTH						
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	0.2	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	99.8
#35	100.0	100.0	99.9	99.9	99.7	99.0
#60	99.8	99.8	99.2	96.7	97.7	96.7
#70	99.4	99.0	97.5	92.8	93.9	94.3
#80	94.5	93.8	89.7	83.6	80.9	88.4
#100	66.9	62.0	69.6	64.1	57.2	74.2
#120	45.7	40.7	48.6	45.5	39.1	58.8
#170	2.9	2.7	2.8	3.3	2.8	4.3
#200	1.8	1.8	1.6	1.9	1.7	2.0
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.130	0.135	0.126	0.130	0.139	0.118
MEAN GRAIN SIZE (mm)	0.131	0.134	0.131	0.135	0.141	0.127
SORTING (σ)	0.357	0.359	0.394	0.446	0.436	0.427
Munsell Color	Light Brownish Gray	Gray	Grayish Brown	Grayish Brown	Gray	Gray



