

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: MIN-T4
 LOCATION: Mustang Island North

MUSTANG ISLAND NORTH						
Transect 4						
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	0.0	0.0
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	100.0	100.0
#35	100.0	99.9	99.9	99.9	99.9	99.7
#60	99.8	99.6	99.6	98.8	99.1	95.7
#70	99.0	98.2	98.0	97.2	97.5	90.3
#80	92.6	89.2	92.0	91.0	93.4	78.7
#100	66.0	61.5	71.9	72.8	78.6	54.4
#120	40.7	35.5	47.5	53.9	53.2	34.8
#170	2.4	1.4	2.6	3.8	3.1	2.5
#200	2.1	0.7	1.6	2.2	1.8	1.6
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.133	0.138	0.127	0.122	0.122	0.143
MEAN GRAIN SIZE (mm)	0.133	0.137	0.130	0.128	0.126	0.145
SORTING (σ)	0.363	0.373	0.371	0.390	0.363	0.466
Munsell Color	Light Yellowish Brown	Light Gray	Yellowish Brown	Light Brownish Gray	Pale Brown	Light Brownish Gray



