

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: MP-T1
 LOCATION: Matagorda Peninsula

MATAGORDA PENINSULA						
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	0.6	2.7	1.3	3.2	2.6
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	99.8	99.9	95.1	98.8
#35	100.0	100.0	98.5	99.7	89.6	97.1
#60	98.9	98.6	83.4	92.7	78.0	89.0
#70	93.6	91.7	65.4	80.0	62.9	80.2
#80	65.4	62.5	39.0	45.2	38.7	55.4
#100	20.9	18.2	13.7	14.8	13.5	24.5
#120	8.4	6.9	5.6	5.6	5.2	11.3
#170	1.1	0.7	1.8	1.6	1.4	2.0
#200	0.8	0.4	1.8	1.5	1.3	1.7
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.167	0.169	0.190	0.181	0.192	0.172
MEAN GRAIN SIZE (mm)	0.168	0.171	0.199	0.184	0.234	0.177
SORTING (σ)	0.303	0.291	0.500	0.375	0.810	0.538
Munsell Color	Very Pale Brown	Light Gray	Light Brownish Gray	Pale Brown	Brown	Brown



