

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: MP-T2
 LOCATION: Matagorda Peninsula

MATAGORDA PENINSULA						
Transect 2						
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	0.4	1.7	14.8
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	99.9	99.9	99.3	90.2
#35	99.9	100.0	97.0	99.7	97.8	75.9
#60	98.7	96.3	86.4	96.2	84.7	52.2
#70	92.8	85.3	82.6	87.9	66.4	35.9
#80	63.4	51.9	53.9	64.0	35.4	18.3
#100	25.3	15.3	19.6	24.6	12.6	5.4
#120	11.1	5.4	8.0	9.2	5.0	2.6
#170	2.2	1.4	2.4	1.4	1.5	1.5
#200	1.9	1.2	2.2	1.2	1.5	1.4
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.167	0.175	0.174	0.166	0.192	0.244
MEAN GRAIN SIZE (mm)	0.167	0.178	0.180	0.168	0.198	0.385
SORTING (σ)	0.346	0.292	0.513	0.356	0.472	1.072
Munsell Color	Brown	Brown	Brown	Brown	Pale Brown	Grayish Brown



