

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: MP-T3
 LOCATION: Matagorda Peninsula

MATAGORDA PENINSULA						
Transect 3						
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	0.2	0.1	0.4	1.2	7.3
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	99.7	99.3	95.1
#35	100.0	100.0	99.9	97.9	98.2	87.5
#60	99.3	99.1	96.0	77.0	85.2	72.1
#70	95.4	93.0	80.3	50.7	68.8	55.9
#80	72.2	68.2	40.8	24.7	37.1	36.3
#100	30.5	22.9	12.4	6.6	13.6	14.9
#120	11.8	8.4	4.3	3.1	5.7	6.7
#170	1.7	0.7	1.5	1.8	1.4	1.3
#200	1.4	0.6	1.4	1.7	1.2	1.2
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.161	0.165	0.184	0.209	0.190	0.199
MEAN GRAIN SIZE (mm)	0.161	0.166	0.185	0.229	0.196	0.259
SORTING (σ)	0.322	0.307	0.292	0.524	0.482	0.902
Munsell Color	Pale Brown	Very Pale Brown	Pale Brown	Pale Brown	Pale Brown	Pale Brown



