

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: SB-T4
 LOCATION: Sargent Beach

SARGENT BEACH						
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	1.9	0.0	2.0	0.2	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	99.5	100.0	99.6	99.9	100.0	100.0
#18	99.3	100.0	96.3	99.5	99.9	99.9
#35	98.9	100.0	92.9	99.1	99.8	99.8
#60	94.2	98.6	91.9	98.3	99.5	99.7
#70	86.1	92.1	91.7	97.5	99.2	99.6
#80	70.8	75.2	91.3	95.0	98.4	99.3
#100	50.7	51.4	90.3	87.9	95.4	96.9
#120	31.4	31.5	88.4	70.5	87.1	86.7
#170	3.8	2.3	78.1	4.4	6.3	11.5
#200	2.8	1.4	73.2	1.8	2.0	8.8
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.148	0.147	--	0.112	0.106	0.105
MEAN GRAIN SIZE (mm)	0.152	0.148	--	0.116	0.107	0.106
SORTING (σ)	0.525	0.443	--	0.319	0.241	--
Munsell Color	Very Pale Brown	Very Pale Brown	Dark Reddish Brown	Light Reddish Brown	Reddish Brown	Reddish Brown



