

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: SB-T3
 LOCATION: Sargent Beach

SARGENT BEACH						
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	2.6	0.0	0.9	0.3	0.6	0.2
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	99.9	100.0	99.9	100.0	99.9	99.9
#18	99.7	100.0	99.5	99.8	98.9	99.6
#35	99.3	99.9	98.8	99.5	97.6	99.3
#60	96.3	94.5	96.6	97.6	94.9	98.7
#70	90.7	84.7	94.8	95.2	92.8	98.2
#80	78.4	70.9	91.7	91.3	89.7	97.3
#100	61.1	55.6	86.0	84.2	84.5	95.1
#120	44.2	41.3	75.4	71.6	75.0	88.0
#170	5.8	2.9	31.1	5.4	7.6	8.1
#200	3.5	1.3	27.7	1.9	2.6	2.3
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.133	0.139	0.102	0.111	0.110	0.106
MEAN GRAIN SIZE (mm)	0.140	0.149	--	0.118	0.117	0.107
SORTING (σ)	0.500	0.529	--	0.382	0.452	0.258
Munsell Color	Light Reddish Brown	Light Reddish Brown	Reddish Brown	Light Reddish Brown	Reddish Brown	Reddish Brown



