

PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: GISP-T1
 LOCATION: Galveston Island State Park

GALVESTON ISLAND STATE PARK						
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	0.0	0.2	0.0	0.0	0.1
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	99.9	100.0	100.0	99.8	100.0	99.6
#35	99.6	100.0	100.0	98.6	99.9	98.6
#60	98.5	100.0	99.8	97.1	99.6	97.5
#70	97.0	99.7	99.1	96.3	99.2	96.6
#80	91.7	98.0	95.9	94.4	97.8	94.5
#100	74.0	87.1	82.1	88.3	90.5	87.6
#120	44.9	61.3	51.9	71.2	71.7	71.0
#170	1.9	2.5	2.4	3.8	4.2	4.2
#200	0.7	0.6	1.4	1.5	1.6	1.4
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.129	0.117	0.123	0.112	0.112	0.112
MEAN GRAIN SIZE (mm)	0.131	0.119	0.124	0.116	0.115	0.116
SORTING (σ)	0.370	0.309	0.324	0.330	0.296	0.329
Munsell Color	Very Pale Brown	Light Gray	Light Gray	Grayish Brown	Dark Grayish Brown	Light Grayish Brown



