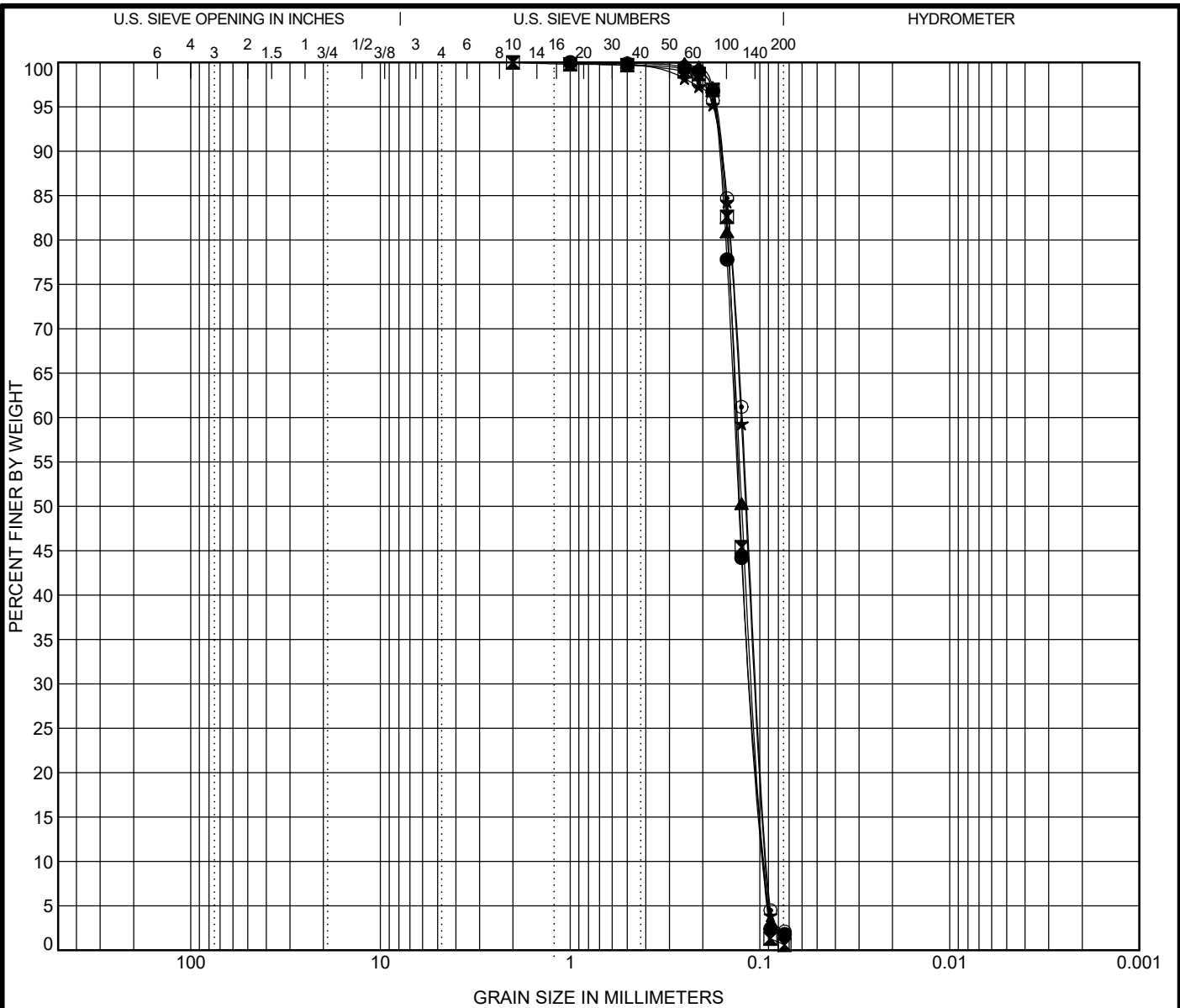


PROJECT NAME: Beach Sediment Analysis  
 CLIENT: HDR, Inc.  
 SAMPLE ID: FB-T11  
 LOCATION: Follets Island


FOLLETS ISLAND						
Transect 11						
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	0.0	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	100.0	100.0	100.0	100.0	100.0	100.0
#18	100.0	99.8	100.0	100.0	100.0	99.9
#35	99.7	99.7	100.0	99.8	99.9	99.1
#60	99.3	99.0	99.9	98.2	99.5	91.7
#70	99.0	98.7	99.5	97.3	97.7	89.4
#80	96.8	96.9	97.2	95.2	95.7	85.7
#100	77.8	82.6	80.9	84.3	84.7	72.9
#120	44.2	45.4	50.3	59.3	61.2	49.4
#170	2.4	1.3	3.0	3.9	4.5	3.5
#200	1.8	0.6	1.9	1.9	2.1	2.3
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.129	0.128	0.125	0.118	0.117	0.126
MEAN GRAIN SIZE (mm)	0.129	0.126	0.125	0.121	0.120	0.132
SORTING ( $\sigma$ )	0.327	0.309	0.327	0.327	0.329	0.532
Munsell Color	Very Pale Brown	Light Grayish Brown	Grayish Brown	Grayish Brown	Brown	Brown



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
● FB-T11-Toe of Dune	0.0'	POORLY GRADED SAND				0.97	1.45
☒ FB-T11-Mid Berm	0.0'	POORLY GRADED SAND				0.97	1.42
▲ FB-T11-Swash Zone	0.0'	POORLY GRADED SAND				0.94	1.43
★ FB-T11-First Bar	0.0'	POORLY GRADED SAND				0.94	1.37
◎ FB-T11-Trough	0.0'	POORLY GRADED SAND				0.94	1.36

Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● FB-T11-Toe of Dune	0.0'	1	0.136	0.111	0.094	0.0			
☒ FB-T11-Mid Berm	0.0'	2	0.134	0.111	0.094	0.0			
▲ FB-T11-Swash Zone	0.0'	0.5	0.132	0.108	0.093	0.0			
★ FB-T11-First Bar	0.0'	1	0.126	0.104	0.091	0.0			
◎ FB-T11-Trough	0.0'	1	0.124	0.103	0.091	0.0			

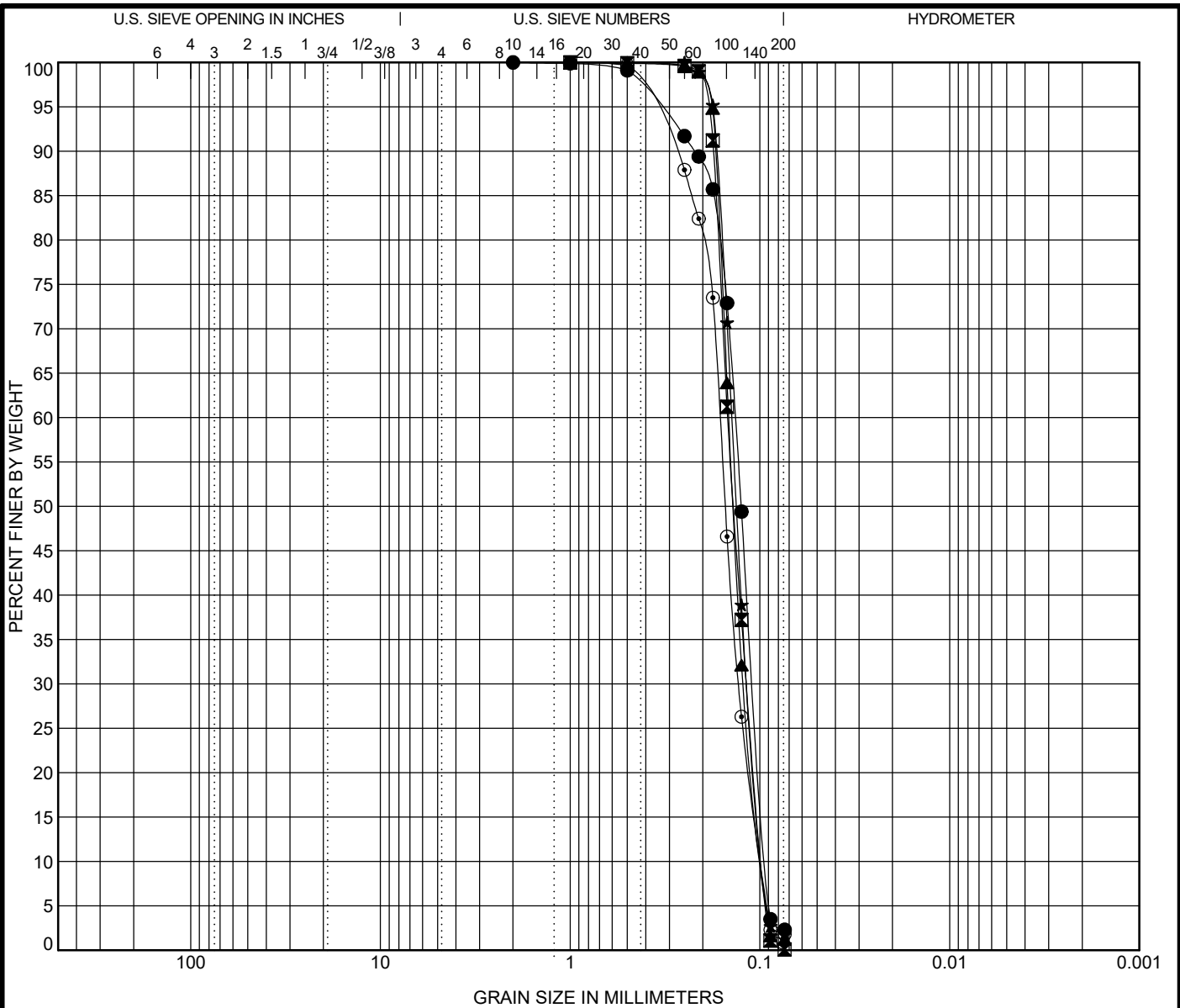


Rock Engineering & Testing Lab. LLC.  
6817 Leopard Street  
Corpus Christi, Texas 78409  
Telephone: 361-883-4555  
Fax: 361-883-4711

### GRAIN SIZE DISTRIBUTION

Project: Beach Sediment Analysis  
Location: Follet's Island, Texas  
Number: G122361


US GRAIN SIZE 5 G122361 Fl.GPJ US LAB.GDT 8/11/22



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
● FB-T11-Second Bar	0.0'	POORLY GRADED SAND				0.93	1.46
☒ FB-T12-Toe of Dune	0.0'	POORLY GRADED SAND				0.96	1.54
▲ FB-T12-Mid Berm	0.0'	POORLY GRADED SAND				1.05	1.50
★ FB-T12-Swash Zone	0.0'	POORLY GRADED SAND				0.99	1.49
⊙ FB-T12-First Bar	0.0'	POORLY GRADED SAND				1.04	1.65

Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● FB-T11-Second Bar	0.0'	2	0.135	0.108	0.092	0.0			
☒ FB-T12-Toe of Dune	0.0'	1	0.148	0.117	0.096	0.0			
▲ FB-T12-Mid Berm	0.0'	0.5	0.146	0.122	0.097	0.0			
★ FB-T12-Swash Zone	0.0'	0.25	0.14	0.115	0.094	0.0			
⊙ FB-T12-First Bar	0.0'	1	0.162	0.129	0.098	0.0			



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