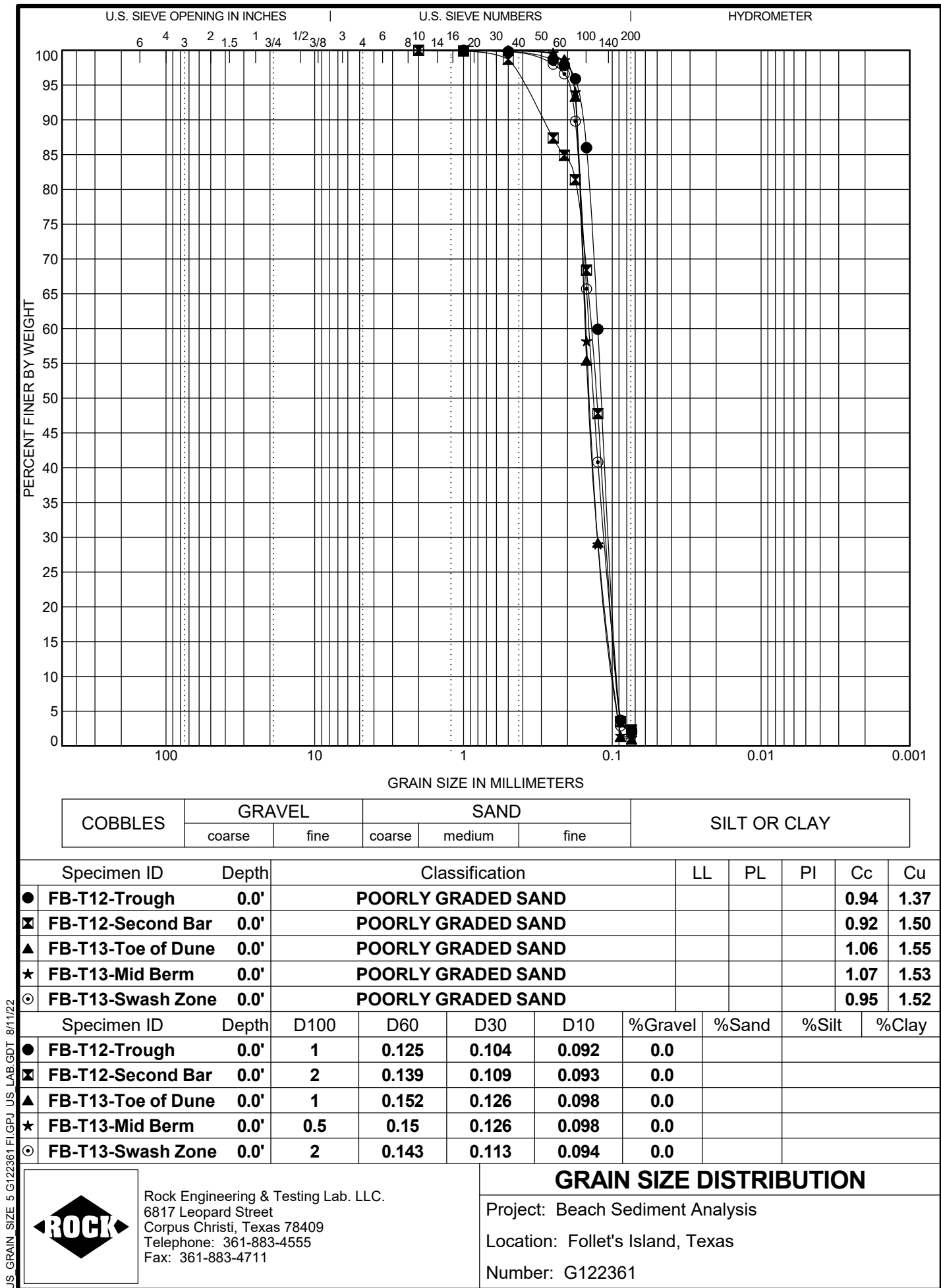
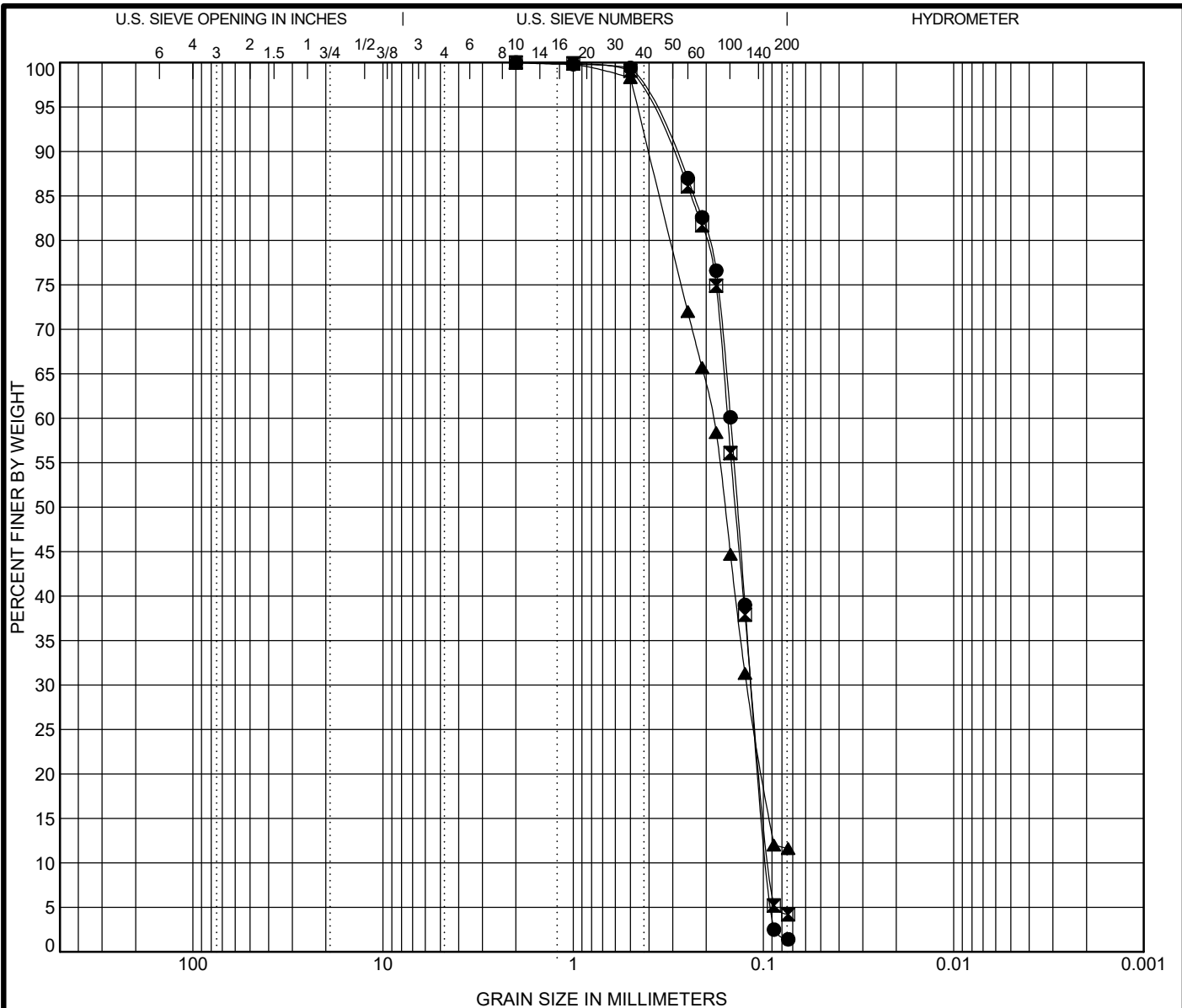


PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: FB-T13
 LOCATION: Follets Island

FOLLETS ISLAND						
Transect 13						
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	0.2	0.2	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	100.0	100.0	99.9	99.8	99.9	99.8
#35	99.9	100.0	99.8	99.4	99.1	98.3
#60	99.5	99.6	98.0	87.0	86.1	72.0
#70	98.7	98.6	96.6	82.6	81.7	65.7
#80	93.3	94.0	89.8	76.6	74.9	58.4
#100	55.4	58.2	65.7	60.1	56.1	44.7
#120	29.2	29.0	40.8	39.0	37.9	31.3
#170	1.3	1.5	2.9	2.5	5.2	12.0
#200	0.9	1.2	2.2	1.4	4.2	11.6
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.144	0.142	0.133	0.137	0.140	0.159
MEAN GRAIN SIZE (mm)	0.140	0.139	0.134	0.153	0.156	0.199
SORTING (σ)	0.341	0.335	0.389	0.641	0.678	--
Munsell Color	Light Gray	Light Brownish Gray	Brown	Brown	Brown	Grayish Brown





COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification				LL	PL	PI	Cc	Cu
● FB-T13-First Bar	0.0'	POORLY GRADED SAND							0.93	1.57
⊠ FB-T13-Trough	0.0'	POORLY GRADED SAND							0.92	1.67
▲ FB-T13-Second Bar	0.0'	POORLY GRADED SAND with SILT							2.19	4.97
Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	
● FB-T13-First Bar	0.0'	2	0.149	0.115	0.095	0.0				
⊠ FB-T13-Trough	0.0'	2	0.154	0.115	0.093	0.0				
▲ FB-T13-Second Bar	0.0'	2	0.184	0.122	--	0.0				



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GRAIN SIZE DISTRIBUTION

Project: Beach Sediment Analysis

Location: Follet's Island, Texas

Number: G122361