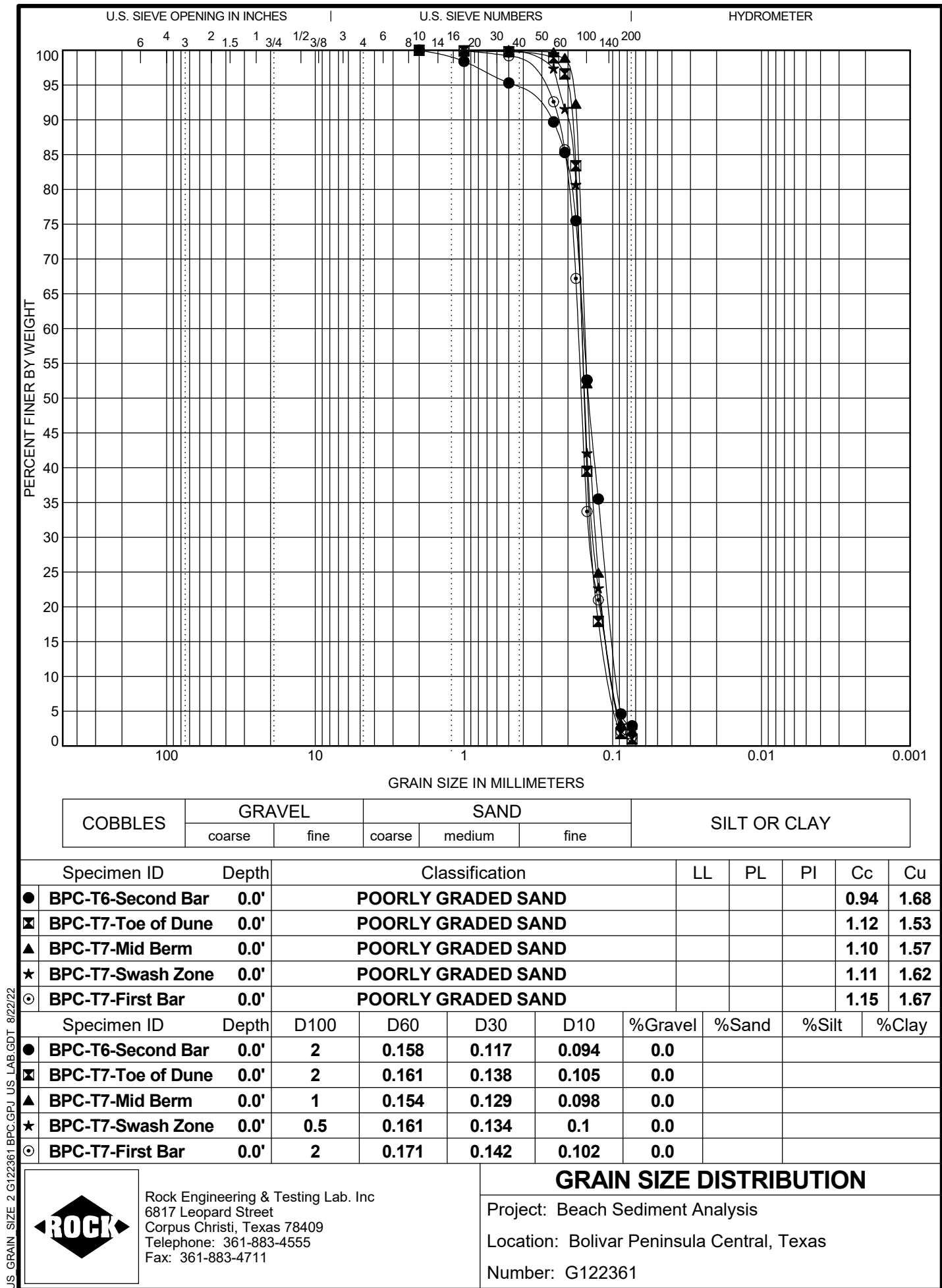
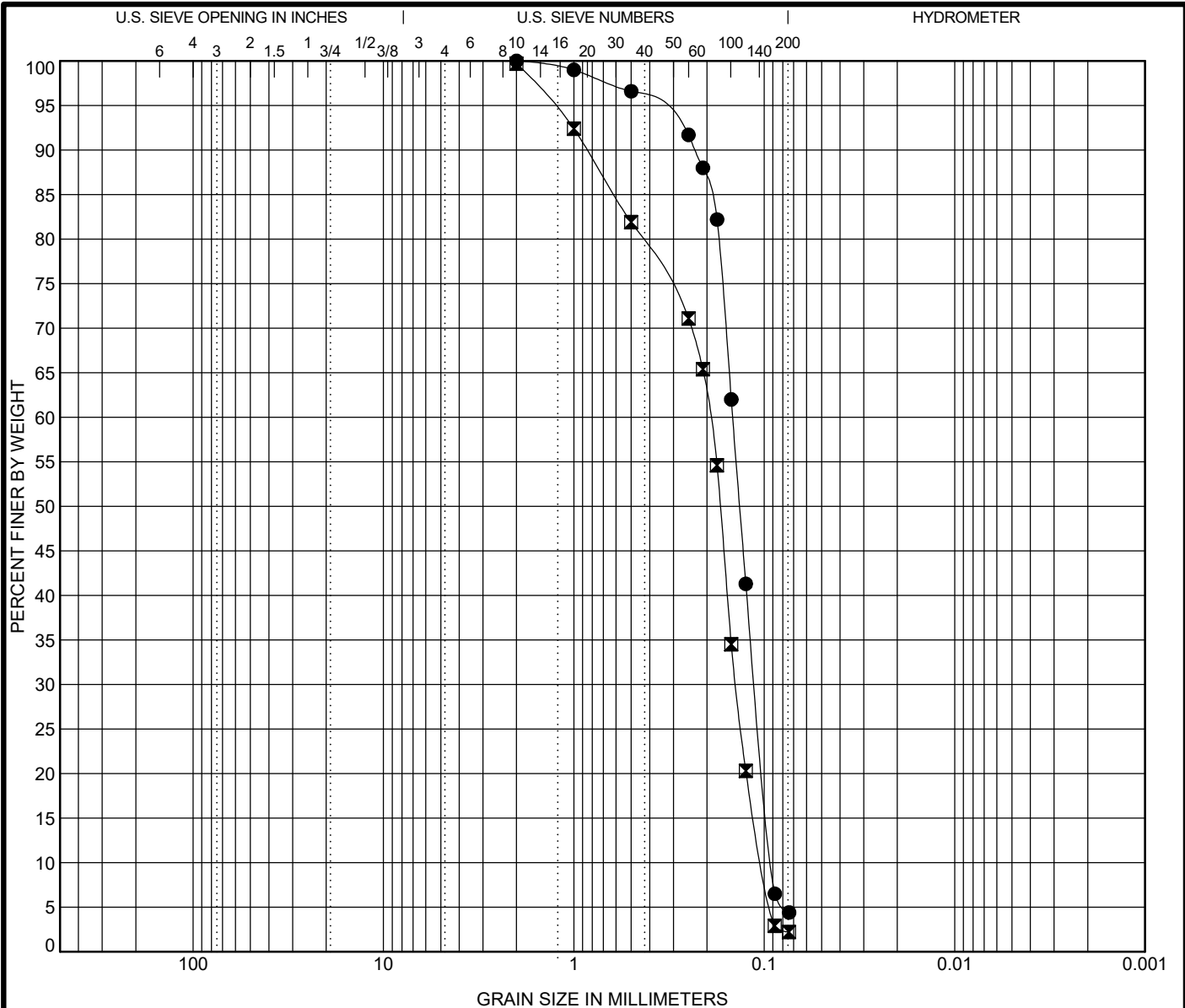


PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BPC-T7
 LOCATION: Bolivar Peninsula Central

BOLIVAR PENINSULA CENTRAL						
Transect 7						
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	0.6	0.0	0.0	0.4	1.7	8.9
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	99.7
#18	99.9	100.0	100.0	99.9	99.0	92.4
#35	99.8	99.9	100.0	99.2	96.6	81.9
#60	98.9	99.7	97.4	92.6	91.7	71.1
#70	96.6	98.9	91.6	85.7	88.0	65.4
#80	83.4	92.3	80.7	67.2	82.2	54.6
#100	39.5	52.1	42.1	33.7	62.0	34.5
#120	17.9	24.9	22.7	21.0	41.3	20.3
#170	1.8	3.2	3.0	2.1	6.5	2.9
#200	1.0	2.1	2.3	1.4	4.4	2.2
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.155	0.147	0.154	0.162	0.135	0.170
MEAN GRAIN SIZE (mm)	0.151	0.142	0.150	0.161	0.140	0.286
SORTING (σ)	0.331	0.343	0.412	0.514	0.629	1.213
Munsell Color	Very Pale Brown	Pale Brown	Brown	Brown	Dark Grayish Brown	Brown





COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
● BPC-T7-Trough	0.0'	POORLY GRADED SAND				0.93	1.61
☒ BPC-T7-Second Bar	0.0'	POORLY GRADED SAND				1.01	1.90

Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● BPC-T7-Trough	0.0'	2	0.146	0.112	0.091	0.0			
☒ BPC-T7-Second Bar	0.0'	2	0.193	0.141	0.102	0.0			



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GRAIN SIZE DISTRIBUTION

Project: Beach Sediment Analysis
 Location: Bolivar Peninsula Central, Texas
 Number: G122361