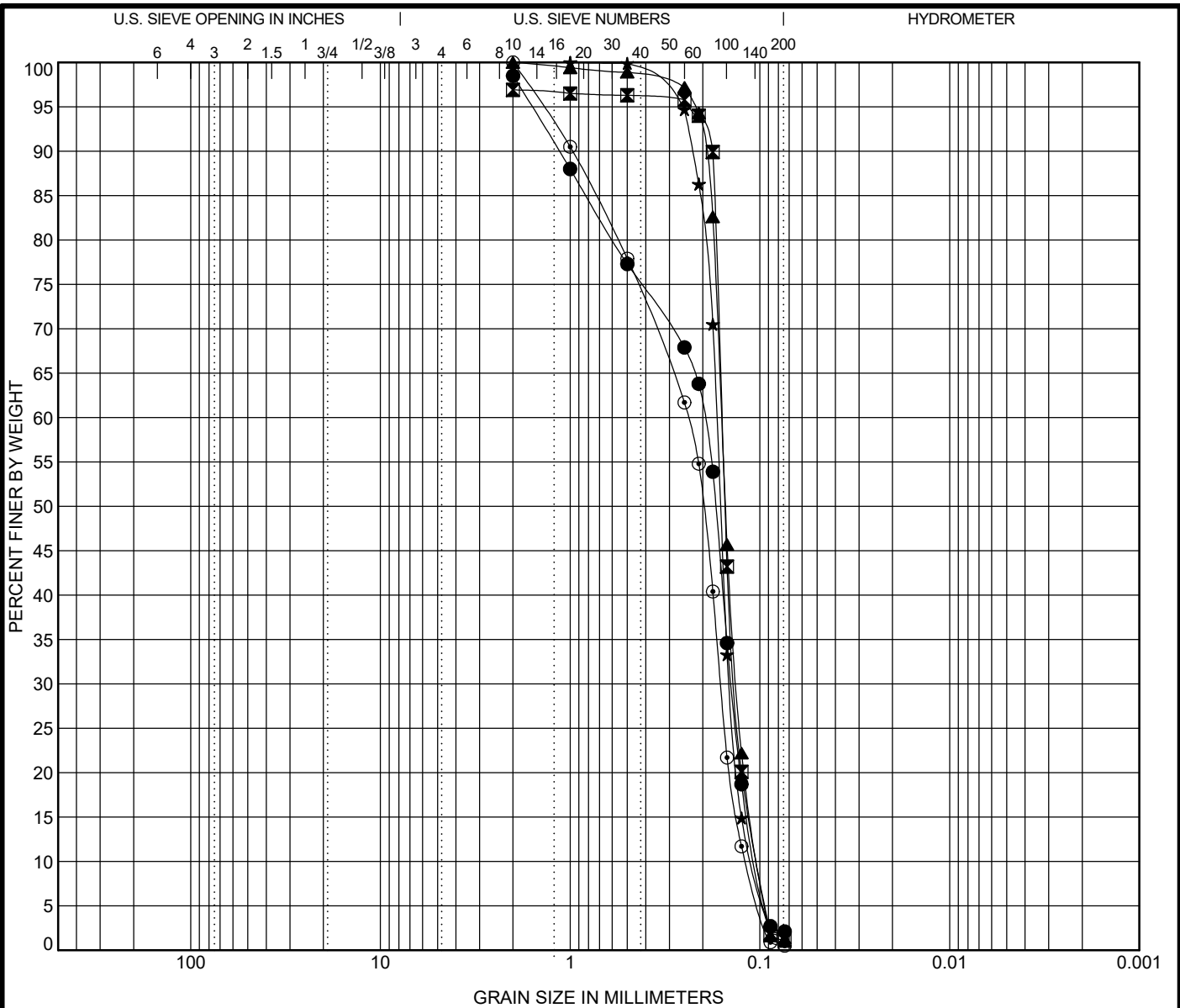


PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: BPC -T2
 LOCATION: Bolivar Peninsula Central

BOLIVAR PENINSULA CENTRAL						
Transect 2						
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	0.9	0.0	14.9	1.3	3.5
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	96.9	100.0	100.0	100.0	100.0	99.4
#18	96.5	99.4	100.0	90.5	99.2	95.8
#35	96.3	98.9	99.9	77.9	98.6	91.5
#60	95.8	97.2	94.7	61.7	97.7	86.7
#70	94.0	94.3	86.3	54.8	96.8	84.0
#80	89.9	82.6	70.5	40.4	94.2	76.9
#100	43.2	45.7	33.3	21.7	79.6	59.6
#120	20.1	22.2	14.9	11.7	55.0	41.9
#170	1.9	1.6	2.1	0.9	7.2	7.7
#200	1.5	1.0	1.8	0.5	4.8	5.5
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.153	0.152	0.161	0.198	0.120	0.135
MEAN GRAIN SIZE (mm)	0.147	0.148	0.164	0.344	0.124	0.147
SORTING (σ)	0.366	0.379	0.418	1.223	0.405	--
Munsell Color	Light Gray	Pale Brown	Pale Brown	Yellowish Brown	Light Brownish Gray	Brown



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
● BPC-T1-Second Bar	0.0'	POORLY GRADED SAND				0.99	1.90
☒ BPC-T2-Toe of Dune	0.0'	POORLY GRADED SAND				1.11	1.54
▲ BPC-T2-Mid Berm	0.0'	POORLY GRADED SAND				1.09	1.57
★ BPC-T2-Swash Zone	0.0'	POORLY GRADED SAND				1.13	1.54
◎ BPC-T2-First Bar	0.0'	POORLY GRADED SAND				0.91	2.02

Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● BPC-T1-Second Bar	0.0'	2	0.197	0.142	0.103	0.0			
☒ BPC-T2-Toe of Dune	0.0'	2	0.159	0.135	0.103	0.0			
▲ BPC-T2-Mid Berm	0.0'	2	0.159	0.133	0.102	0.0			
★ BPC-T2-Swash Zone	0.0'	1	0.169	0.144	0.109	0.0			
◎ BPC-T2-First Bar	0.0'	2	0.239	0.161	0.118	0.0			

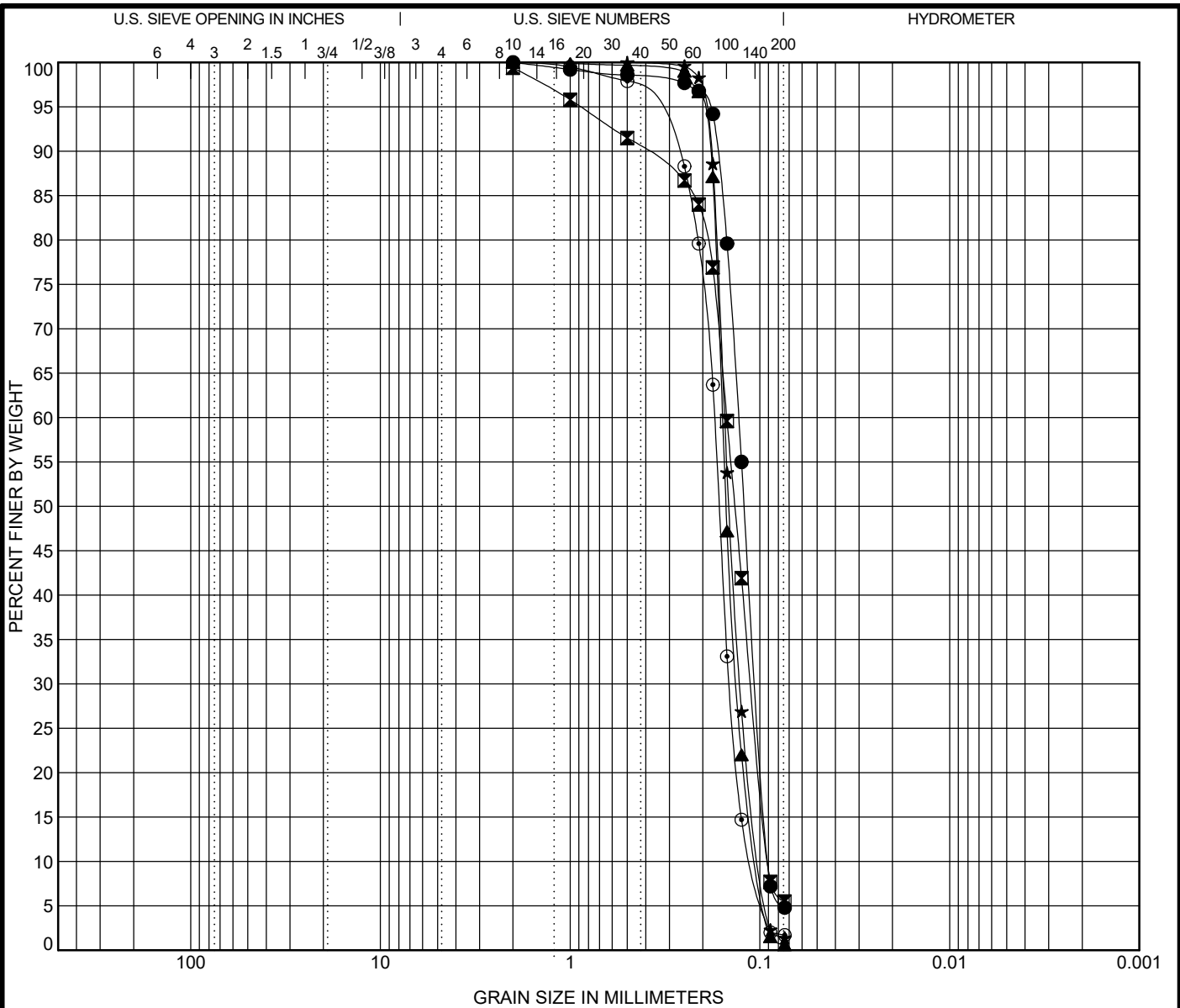


Rock Engineering & Testing Lab. Inc
 6817 Leopard Street
 Corpus Christi, Texas 78409
 Telephone: 361-883-4555
 Fax: 361-883-4711

GRAIN SIZE DISTRIBUTION

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


US GRAIN SIZE 2 G122361 BPC.GPJ US LAB.GDT 8/22/22



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification				LL	PL	PI	Cc	Cu
● BPC-T2-Trough	0.0'	POORLY GRADED SAND with SILT							0.93	1.44
☒ BPC-T2-Second Bar	0.0'	POORLY GRADED SAND with SILT							0.91	1.66
▲ BPC-T3-Toe of Dune	0.0'	POORLY GRADED SAND							1.09	1.55
★ BPC-T3-Mid Berm	0.0'	POORLY GRADED SAND							1.08	1.56
⊙ BPC-T3-Swash Zone	0.0'	POORLY GRADED SAND							1.10	1.58

Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● BPC-T2-Trough	0.0'	2	0.13	0.104	0.09	0.0			
☒ BPC-T2-Second Bar	0.0'	2	0.15	0.111	0.09	0.0			
▲ BPC-T3-Toe of Dune	0.0'	2	0.157	0.132	0.102	0.0			
★ BPC-T3-Mid Berm	0.0'	0.5	0.154	0.128	0.098	0.0			
⊙ BPC-T3-Swash Zone	0.0'	2	0.173	0.145	0.11	0.0			

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	Project: Beach Sediment Analysis	
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US GRAIN SIZE 2 G122361.BPC.GPJ US LAB.GDT 8/22/22