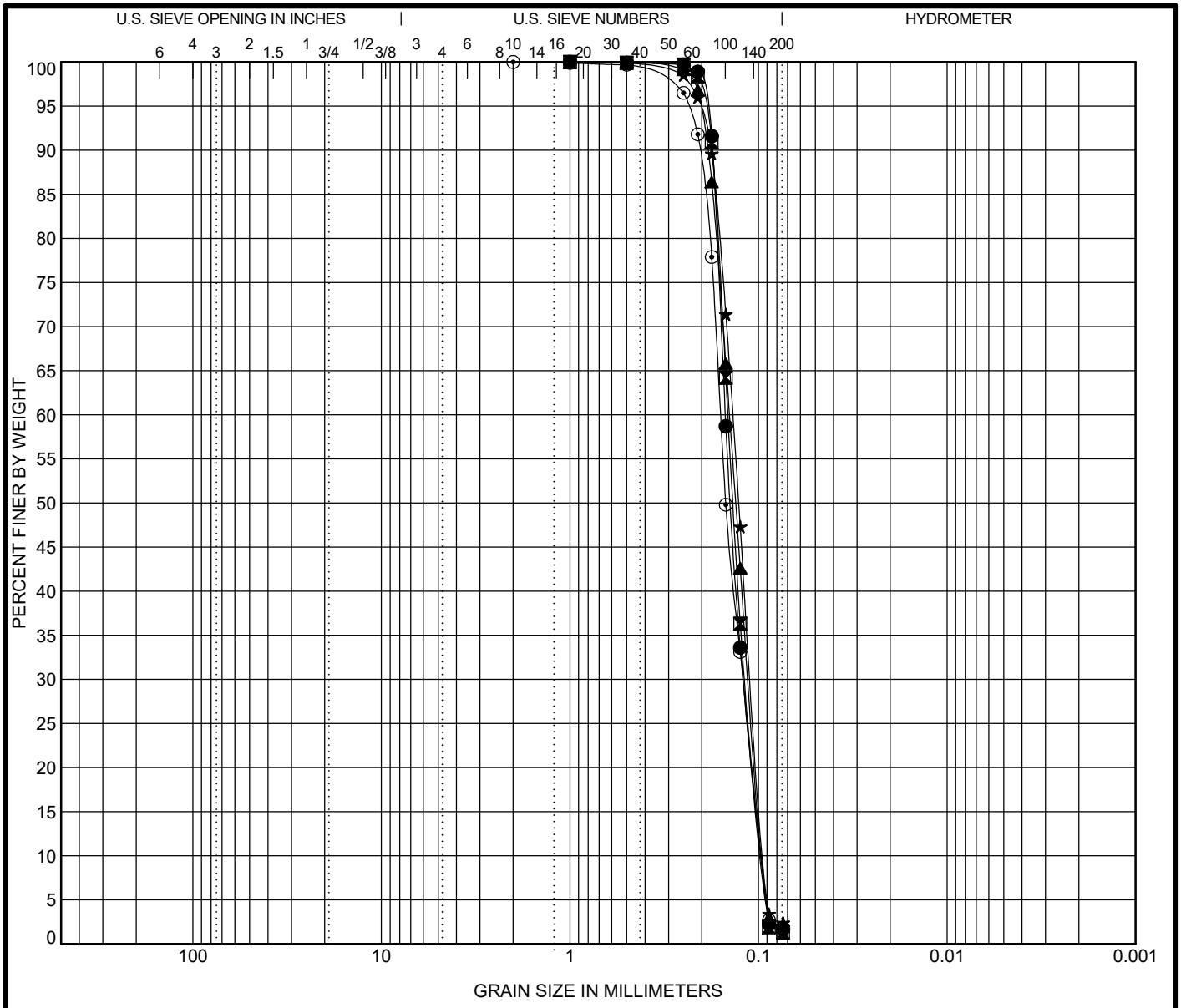
PROJECT NAME: Beach Sediment Analysis
CLIENT: HDR, Inc.
SAMPLE ID: MIN-T6
LOCATION: Mustang Island North

MUSTANG ISLAND NORTH						
Transect 6						
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	0.1	0.0	0.1	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	100.0	100.0	99.9	99.9
#35	99.9	99.9	100.0	99.9	99.7	99.4
#60	99.7	99.7	99.1	98.5	96.5	93.9
#70	98.9	98.4	96.8	96.0	91.8	89.0
#80	91.6	90.9	86.4	89.6	77.9	79.8
#100	58.7	64.2	65.8	71.4	49.8	60.6
#120	33.6	36.3	42.6	47.3	33.1	40.2
#170	2.2	1.9	2.9	3.4	2.7	2.7
#200	1.7	1.3	2.0	2.4	1.8	1.8
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.140	0.136	0.132	0.127	0.149	0.136
MEAN GRAIN SIZE (mm)	0.138	0.136	0.135	0.131	0.148	0.142
SORTING (σ)	0.360	0.364	0.398	0.398	0.454	0.512
Munsell Color	Light Gray	Light Gray	Gray	Gray	Gray	Gray



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
●	**MIN-T6-Toe of Dune**	**0.0'**	**POORLY GRADED SAND**				**1.00**	**1.56**
⊠	**MIN-T6-Mid Berm**	**0.0'**	**POORLY GRADED SAND**				**0.99**	**1.52**
▲	**MIN-T6-Swash Zone**	**0.0'**	**POORLY GRADED SAND**				**0.94**	**1.52**
★	**MIN-T6-First Bar**	**0.0'**	**POORLY GRADED SAND**				**0.93**	**1.48**
⊙	**MIN-T6-Trough**	**0.0'**	**POORLY GRADED SAND**				**0.96**	**1.66**

	Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	**MIN-T6-Toe of Dune**	**0.0'**	**1**	**0.15**	**0.12**	**0.096**	**0.0**			
⊠	**MIN-T6-Mid Berm**	**0.0'**	**1**	**0.145**	**0.117**	**0.096**	**0.0**			
▲	**MIN-T6-Swash Zone**	**0.0'**	**0.5**	**0.143**	**0.112**	**0.094**	**0.0**			
★	**MIN-T6-First Bar**	**0.0'**	**1**	**0.137**	**0.109**	**0.093**	**0.0**			
⊙	**MIN-T6-Trough**	**0.0'**	**2**	**0.159**	**0.121**	**0.096**	**0.0**			

Rock Engineering & Testing Lab. LLC.
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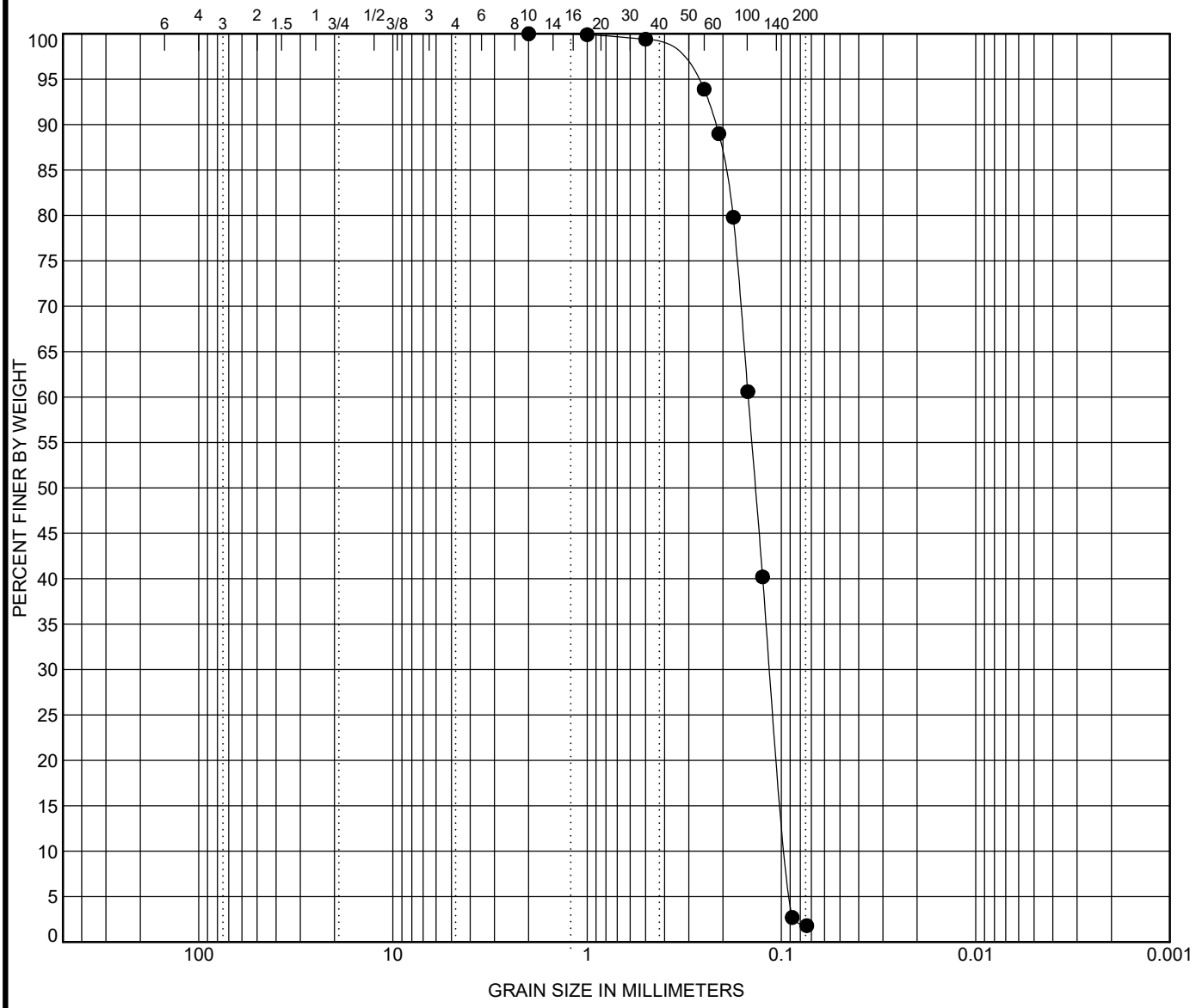
GRAIN SIZE DISTRIBUTION

Project: Beach Sediment Analysis

Location: Mustang Island North, Texas

Number: G122361

US_GRAIN_SIZE_8 G122361 MIN.GPJ US_LAB.GDT 8/12/22



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
●	**MIN-T6-Second Bar**	**0.0'**	**POORLY GRADED SAND**				**0.92**	**1.57**

	Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	**MIN-T6-Second Bar**	**0.0'**	**2**	**0.148**	**0.114**	**0.094**	**0.0**			

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