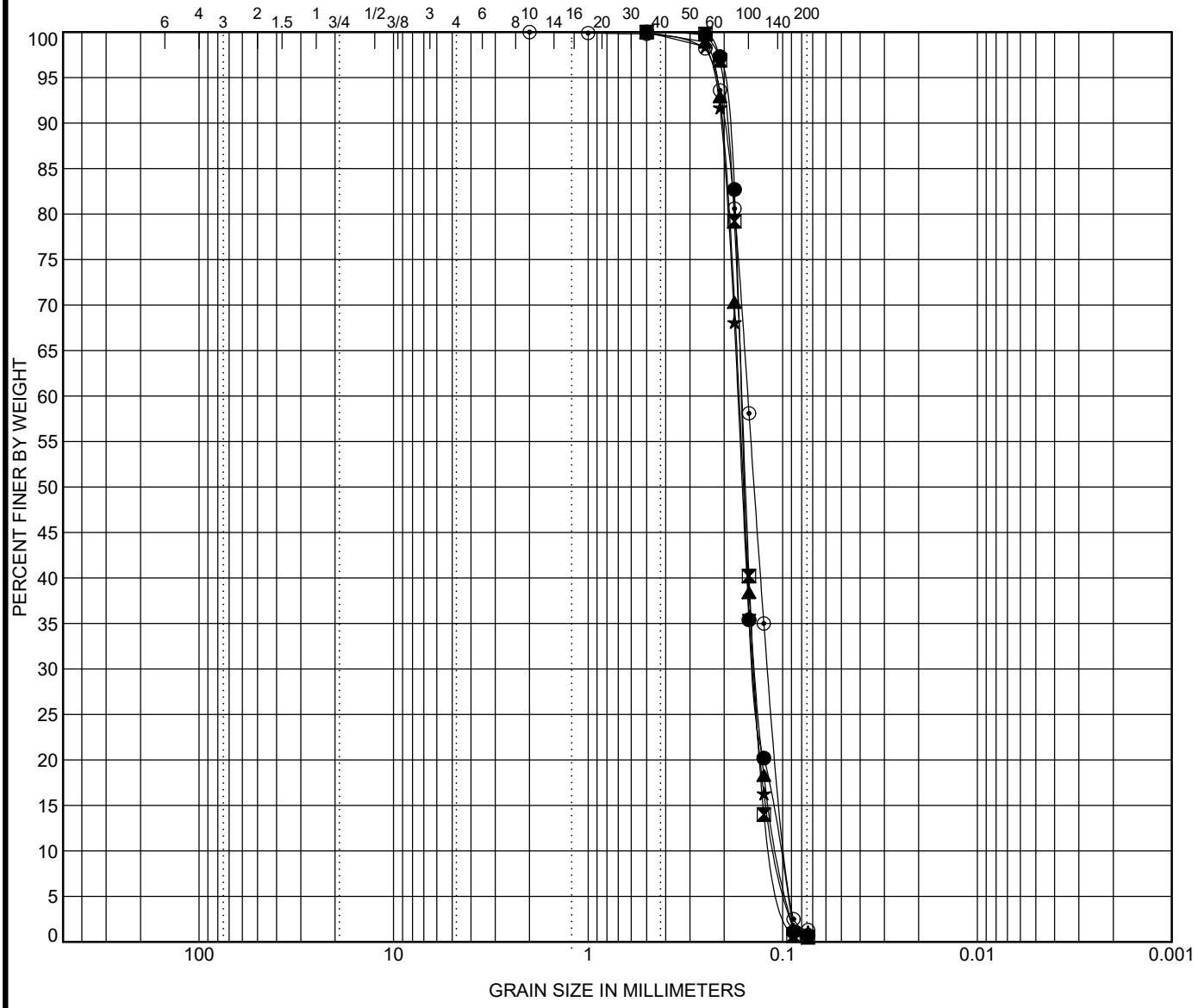
PROJECT NAME: Beach Sediment Analysis
CLIENT: HDR, Inc.
SAMPLE ID: MIC-T6
LOCATION: Mustang Island Central

MUSTANG ISLAND CENTRAL						
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	0.0	0.0	0.1	0.3
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	98.6
#35	100.0	100.0	100.0	100.0	99.8	96.6
#60	99.7	99.8	98.9	98.4	98.2	91.6
#70	97.3	96.9	92.9	91.7	93.6	85.2
#80	82.7	79.2	70.3	68.1	80.6	72.0
#100	35.4	40.2	38.4	35.8	58.1	53.7
#120	20.2	14.0	18.3	16.3	35.0	32.3
#170	1.1	0.7	1.4	1.4	2.5	2.7
#200	0.7	0.5	1.0	1.1	1.3	1.5
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.157	0.156	0.159	0.161	0.140	0.145
MEAN GRAIN SIZE (mm)	0.151	0.156	0.158	0.161	0.142	0.152
SORTING (σ)	0.342	0.312	0.385	0.380	0.431	0.611
Munsell Color	Very Pale Brown	Very Pale Brown	Light Gray	Light Gray	Light Gray	Light Gray



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
●	**MIC-T6-Toe of Dune**	**0.0'**	**POORLY GRADED SAND**				**1.16**	**1.57**
⊠	**MIC-T6-Mid Berm**	**0.0'**	**POORLY GRADED SAND**				**1.06**	**1.45**
▲	**MIC-T6-Swash Zone**	**0.0'**	**POORLY GRADED SAND**				**1.09**	**1.59**
★	**MIC-T6-First Bar**	**0.0'**	**POORLY GRADED SAND**				**1.09**	**1.57**
⊙	**MIC-T6-Trough**	**0.0'**	**POORLY GRADED SAND**				**0.97**	**1.58**

	Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	**MIC-T6-Toe of Dune**	**0.0'**	**0.5**	**0.163**	**0.14**	**0.104**	**0.0**			
⊠	**MIC-T6-Mid Berm**	**0.0'**	**0.5**	**0.163**	**0.139**	**0.112**	**0.0**			
▲	**MIC-T6-Swash Zone**	**0.0'**	**0.5**	**0.167**	**0.138**	**0.105**	**0.0**			
★	**MIC-T6-First Bar**	**0.0'**	**0.5**	**0.17**	**0.141**	**0.108**	**0.0**			
⊙	**MIC-T6-Trough**	**0.0'**	**2**	**0.151**	**0.118**	**0.095**	**0.0**			

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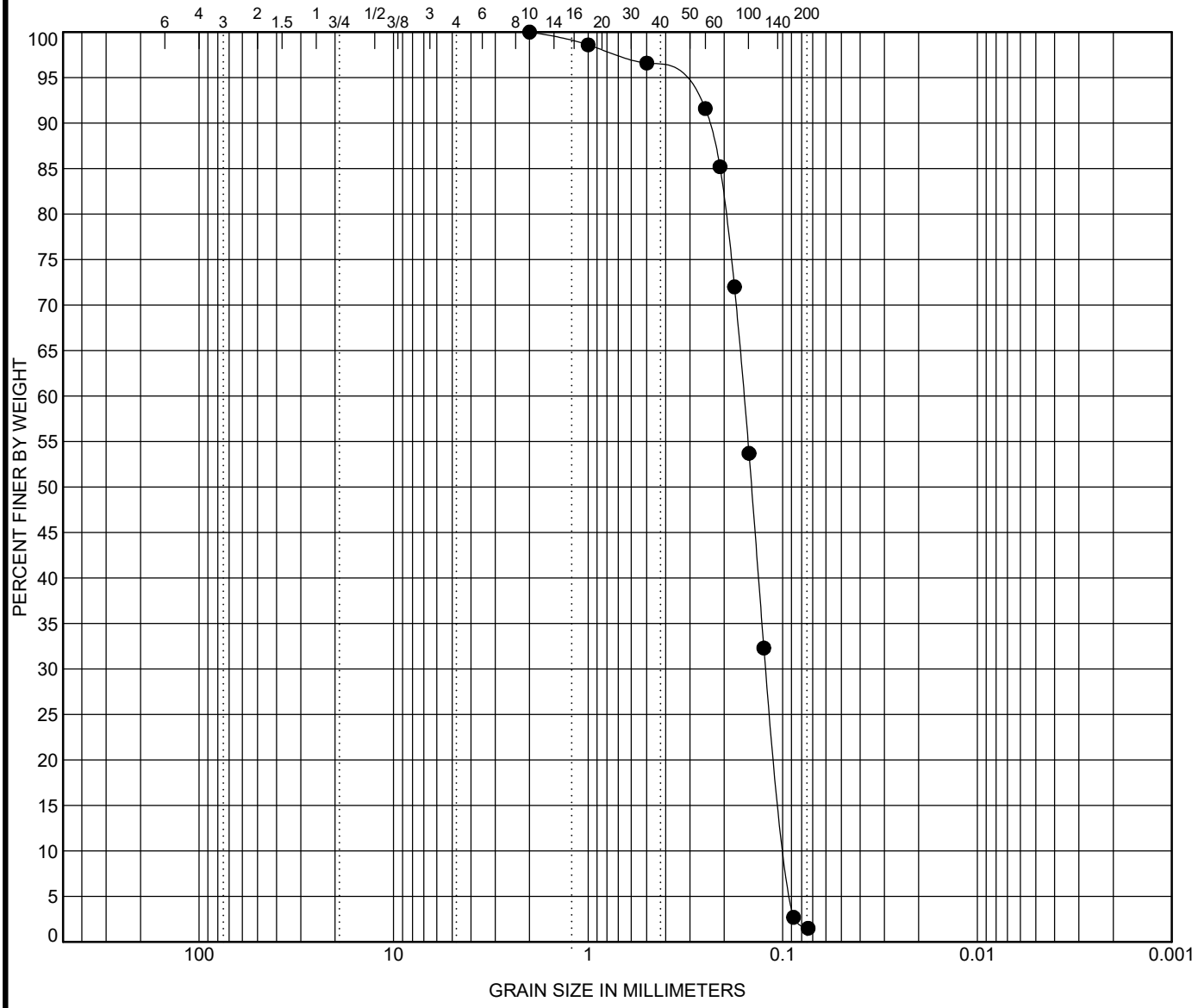
GRAIN SIZE DISTRIBUTION

Project: Beach Sediment Analysis

Location: Mustang Island Central, Texas

Number: G122361



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
●	**MIC-T6-Second Bar**	**0.0'**	**POORLY GRADED SAND**				**0.98**	**1.65**

	Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	**MIC-T6-Second Bar**	**0.0'**	**2**	**0.158**	**0.122**	**0.096**	**0.0**			

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