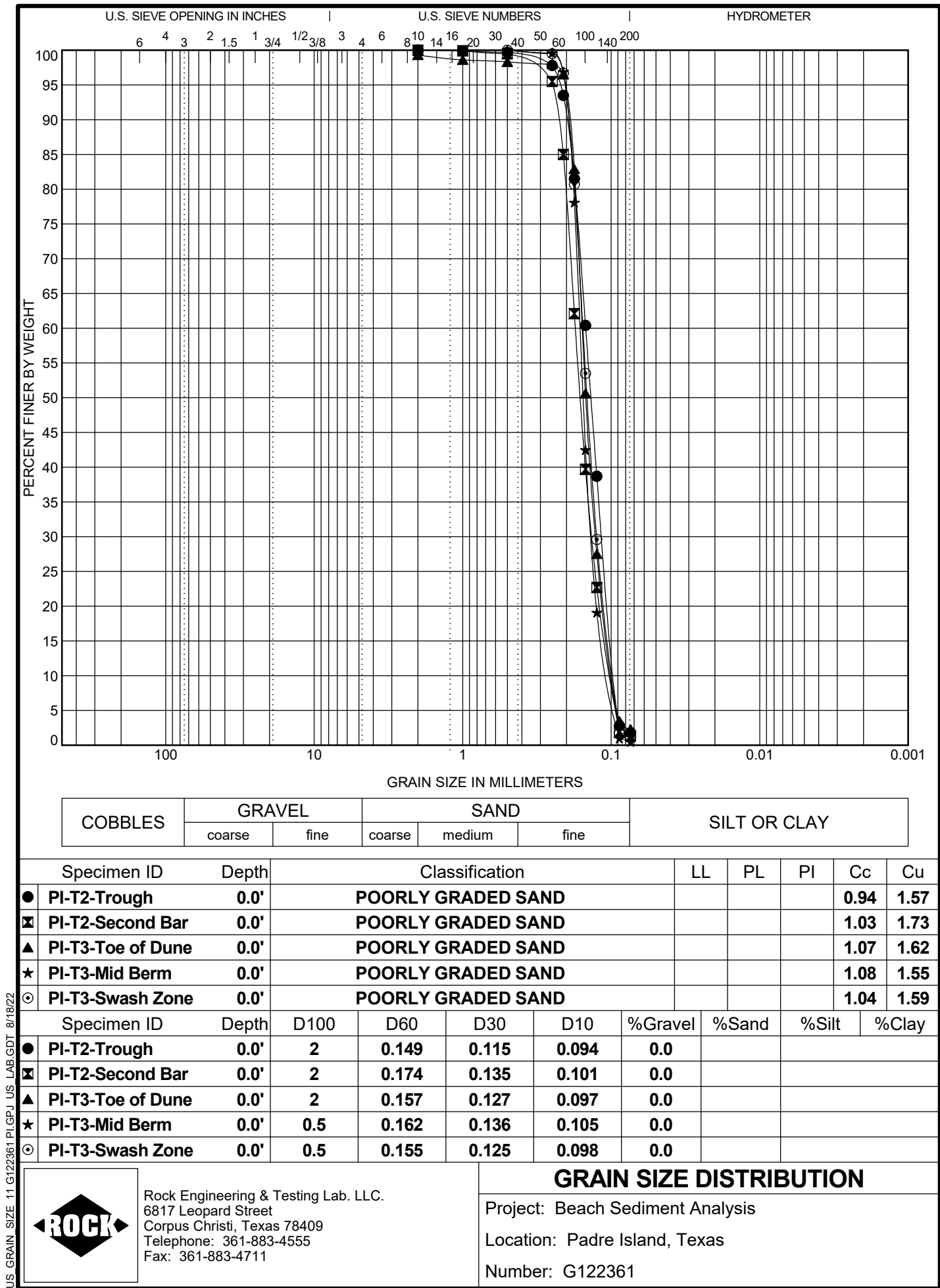
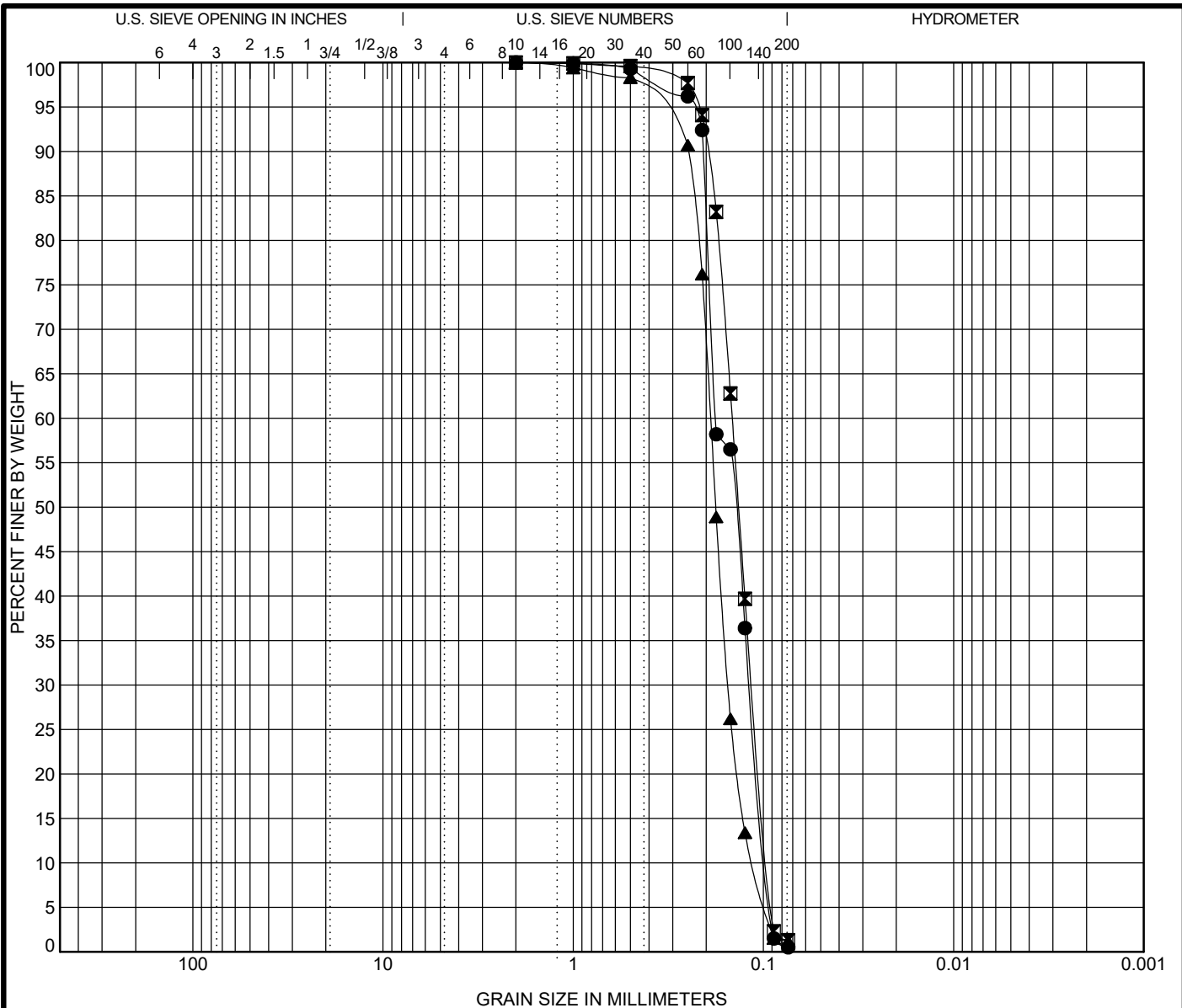


PROJECT NAME: Beach Sediment Analysis
 CLIENT: HDR, Inc.
 SAMPLE ID: PI-T3
 LOCATION: Padre Island

PADRE ISLAND						
Transect 3						
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	1.0	0.0	0.0	0.1	0.1	0.2
ASTM MESH	% FINER BY WEIGHT AFTER REMOVING SHELL					
	Toe of Dune	Mid Berm	Swash Zone	First Bar	Trough	Second Bar
#10	99.3	100.0	100.0	100.0	100.0	100.0
#18	98.6	100.0	100.0	99.9	99.9	99.4
#35	98.3	100.0	100.0	99.3	99.6	98.3
#60	98.0	99.6	99.5	96.2	97.7	90.7
#70	96.5	96.9	96.7	92.4	94.1	76.2
#80	82.9	78.1	80.7	56.5	83.2	48.9
#100	50.6	42.5	53.5	58.2	62.8	26.2
#120	27.5	19.1	29.6	36.4	39.7	13.4
#170	3.5	1.0	1.7	1.5	2.3	1.5
#200	2.3	0.5	1.1	0.5	1.3	1.2
STATISTICS (EXCLUDING SHELL)						
MEDIAN GRAIN SIZE (mm)	0.148	0.155	0.145	0.141	0.135	0.178
MEAN GRAIN SIZE (mm)	0.144	0.153	0.144	0.148	0.138	0.180
SORTING (σ)	0.388	0.352	0.394	0.475	0.424	0.527
Munsell Color	Light Gray	Very Pale Brown	Grayish Brown	Light Gray	Grayish Brown	Light Gray





COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification				LL	PL	PI	Cc	Cu
● PI-T3-First Bar	0.0'	POORLY GRADED SAND							0.80	1.86
✕ PI-T3-Trough	0.0'	POORLY GRADED SAND							0.94	1.54
▲ PI-T3-Second Bar	0.0'	POORLY GRADED SAND							1.10	1.68
Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	
● PI-T3-First Bar	0.0'	2	0.179	0.117	0.096	0.0				
✕ PI-T3-Trough	0.0'	2	0.146	0.114	0.095	0.0				
▲ PI-T3-Second Bar	0.0'	2	0.19	0.153	0.113	0.0				

GRAIN SIZE DISTRIBUTION

Project: Beach Sediment Analysis

Location: Padre Island, Texas

Number: G122361



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