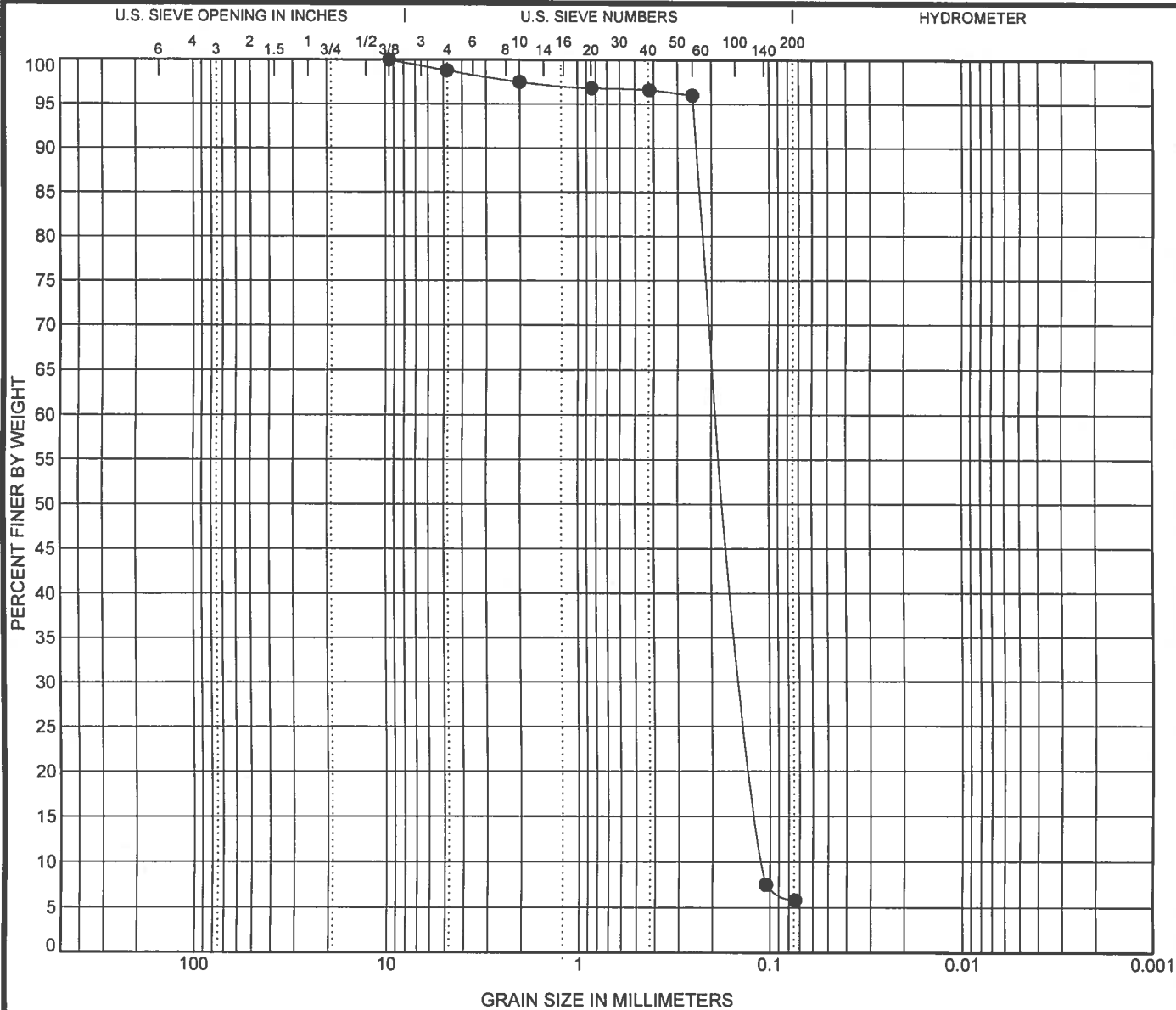


US GRAIN SIZE G113211 SHAMROCK.GPJ US LAB.GDT 9/18/13



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
● BA-S-1	0.0'	BA-S-1; 0' - 1'				0.91	1.63

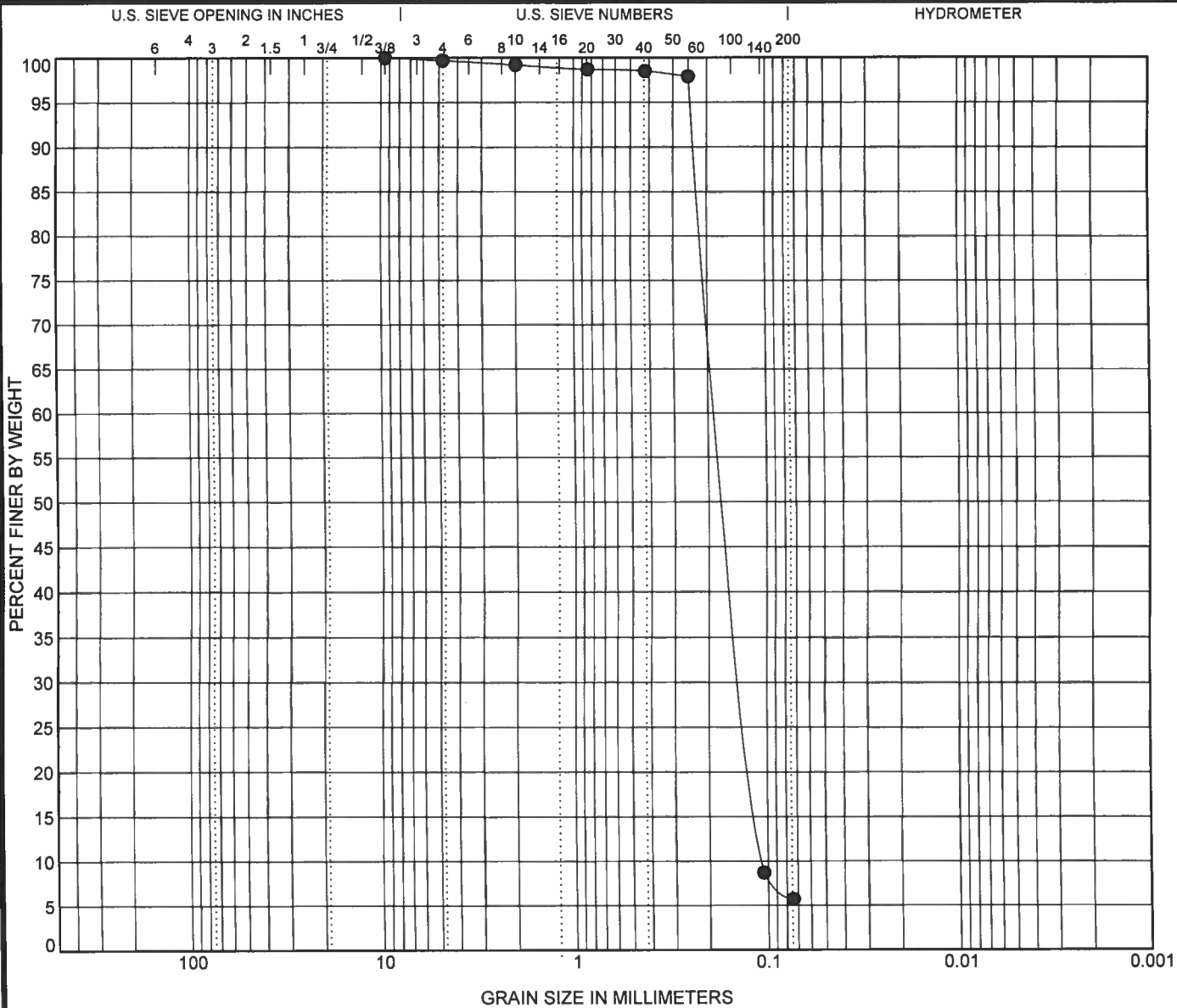
Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● BA-S-1	0.0'	9.5	0.176	0.131	0.108	1.2			



Rock Engineering & Testing Lab., Inc.
6817 Leopard St.
Corpus Christi, TX 78409
Telephone: (361) 883-4555
Fax: (361) 883-4711

GRAIN SIZE DISTRIBUTION

Project: Prop. Shamrock Island Restoration Proj.
Location: E of Corpus Christi Bay; Corpus Christi, TX
Number: G113211



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
● BA-S-1	1.0'	BA-S-1; 1' - 2'				0.91	1.63

Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● BA-S-1	1.0'	9.5	0.173	0.129	0.106	0.3			



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COBBLES

GRAVEL

SAND

SILT OR CLAY

Specimen IDDepth

Classification

LLPLPICcCuSpecimen IDDepthD100D60D30D10

Gravel	%Gravel
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
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14	14
15	15
16	16
17	17
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90	90
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92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

	%Sand
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
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92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

%Silt

%Clay

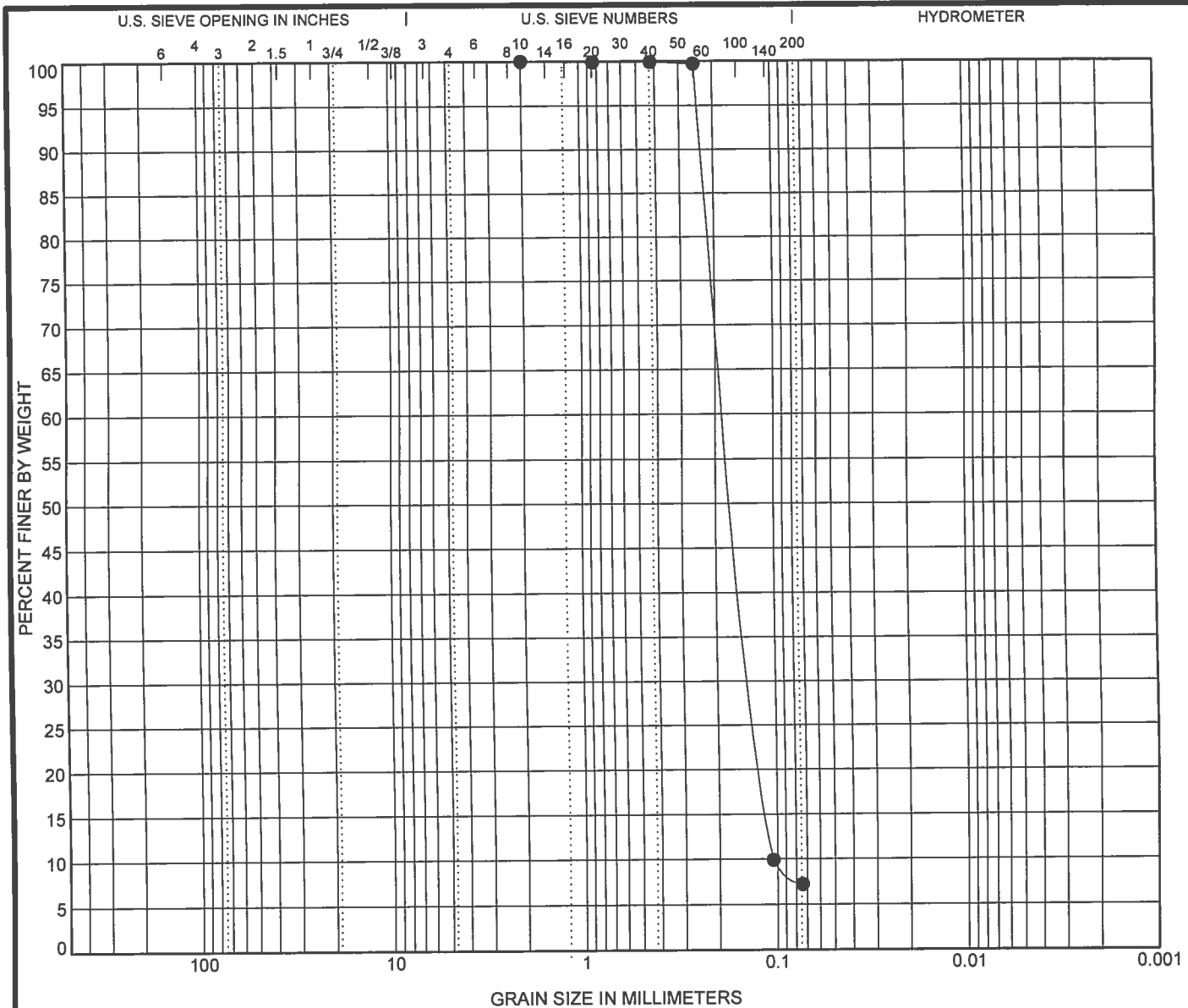
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GRAIN SIZE DISTRIBUTION

Project: Prop. Shamrock Island Restoration Proj.

Location: E of Corpus Christi Bay; Corpus Christi, TX

Number: G113211



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen ID	Depth	Classification	LL	PL	PI	Cc	Cu
● BA-S-1	5.0'	BA-S-1; 5' - 6'				0.91	1.62

Specimen ID	Depth	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● BA-S-1	5.0'	2	0.17	0.128	0.105	0.0			



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GRAIN SIZE DISTRIBUTION

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 Location: E of Corpus Christi Bay; Corpus Christi, TX
 Number: G113211

LOG OF BORING BA-S-1

SHEET 1 of 1



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

CLIENT: Coast & Harbor Engineering, Inc.
PROJECT: Prop. Shamrock Island Restoration Proj.
LOCATION: E of Corpus Christi Bay; Corpus Christi, TX
NUMBER: G113211

DATE(S) DRILLED: 08/14/13 - 08/14/13

FIELD DATA										LABORATORY DATA					DRILLING METHOD(S):
SOIL SYMBOL	DEPTH (FT)	SAMPLE NUMBER	SAMPLES	N: BLOWS/FT P: TONS/SQ FT T: TONS/SQ FT PERCENT RECOVERY/ ROCK QUALITY DESIGNATION	MOISTURE CONTENT (%)	ATTERBERG LIMITS			DRY DENSITY POUNDS/CU.FT	COMPRESSIVE STRENGTH (TONS/SQ FT)	MINUS NO. 200 SIEVE (%)	GROUNDWATER INFORMATION:			
						LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX							
						LL	PL	PI							
		S-1										SURFACE ELEVATION: -4.9' NAVD 88			
	1												DESCRIPTION OF STRATUM		
		S-2													
	2														
		S-3													
	3														
		S-4										SAND, gray.			
	4														
		S-5													
	5														
		S-6													
	6														
												Same as above.			
												Same as above.			
												Same as above.			
												SAND, gray. TCLP			
												Same as above.			
												CLAY, gray.			
												Boring was terminated at a depth of 6-feet (-10.9-feet NAVD 88).			
N - STANDARD PENETRATION TEST RESISTANCE P - POCKET PENETROMETER RESISTANCE T - POCKET TORVANE SHEAR STRENGTH												REMARKS: Boring depth and location was determined by Coast & Harbor Engineering, Inc. Boring operations were performed by Naismith Marine Services.			

LOG OF BORING G113211 SHAMROCK.GPJ ROCK_ETL.GDT 8/26/13