	BORING D01			BORING D02			
SIEVE SIZE	1-2.5'	6'-7.5'	18.5'-20'	3.5'-5'	8.5'-10'	13.5'-15'	23.5'-25'
#10	95	99	100	100	100	99	100
#20	91	97	100	100	100	99	100
#40	87	96	100	100	100	99	99
#60	84	95	100	99	100	98	99
#70	82	93	100	98	100	97	96
#80	77	90	99	95	98	94	90
#100	50	60	81	68	61	56	60
#120	26	30	32	34	24	24	28
#140	14	19	18	17	12	12	14
#200	5.7	9.0	5.7	4.2	3.2	2.2	2.8
#230	5.0	7.8	5.0	3.6	2.8	1.8	2.5
Color	2.5Y 5/2	2.5Y 4/1	2.5Y 4/1	2.5Y 5/2	2.5Y 3/1	2.5Y 5/2	2.5Y 5/2
Description	Gray Brown	Dk. Gray	Dk. Gray	Gray Brown	Vry. Dk. Gray	Gray Brown	Gray Brown

Closing

Pursuant to instructions, no further laboratory testing or engineering analyses have been performed. If you have any questions or comments, please contact us at (361) 883-4555.

Sincerely,

Christopher A. Rock, P.E.
Branch Manager

Attachments: Boring Location Plan
Boring Logs C01 through C13 & D01 and D02
Grain Size Analysis
Key to Soil Classifications

LOG OF BORING D02

Rock Engineering & Testing Laboratory
4910 Neptune Street
Corpus Christi, TX 78405
Telephone: 361-883-4555
Fax: 361-883-4711

CLIENT: Coast and Harbor Engineering, Inc.
PROJECT: Proposed San Luis Pass Project Phase 2
LOCATION: W. Galveston Bay; Freeport, Texas
NUMBER: G106505
DATE(S) DRILLED: 9/21/06 - 9/21/06

DRILLING METHOD(S):
Disturbed Samples

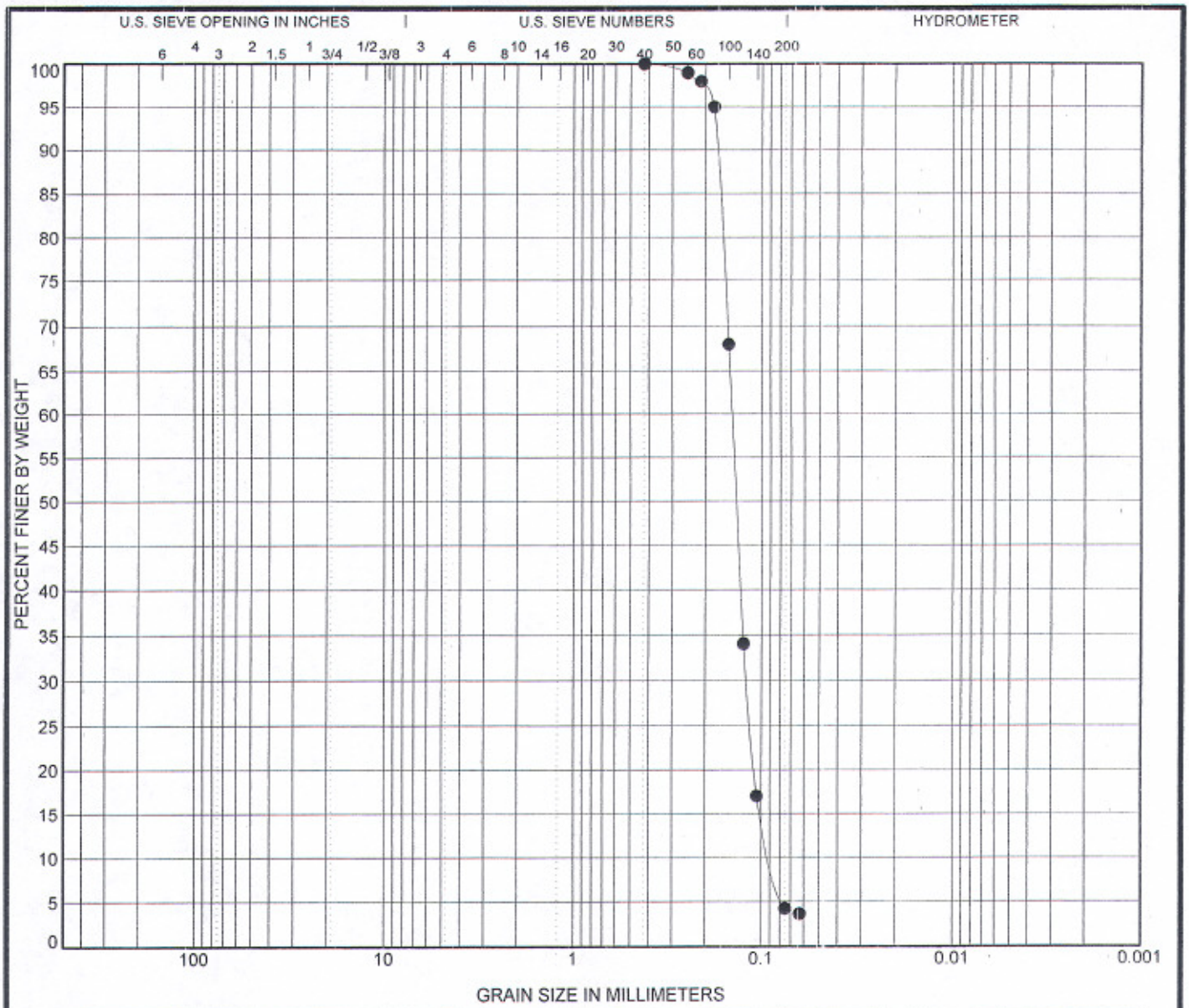
GROUNDWATER INFORMATION:
Groundwater encountered at 1' during drilling.
Dry and caved at 1' upon completion of drilling operation.

SURFACE ELEVATION: N/A

FIELD DATA					LABORATORY DATA							
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 LIQUID LIMIT LL	PLASTIC LIMIT PL	PLASTICITY INDEX PI	DRY DENSITY POUNDS/CU.FT	COMPRESSIVE STRENGTH (TONS/SQ FT)	MINUS NO. 200 SIEVE (%)	DESCRIPTION OF STRATUM
		SS S-1	X	N = 19								**POORLY GRADED SAND**, 2.5Y 4/2 dark gray brown, medium.
	5	SS S-2	X	N = 25							4	Same as above, 2.5Y 5/2 brown gray.
		SS S-3	X	N = 21								Same as above, 2.5Y 4/2 dark gray brown.
	10	SS S-4	X	N = 11							3	**POORLY GRADED SAND**, 2.5Y 3/1 very dark gray, medium.
		SS S-5	X	N = 16								Same as above, 2.5Y 5/2 gray brown.
	15	SS S-6	X	N = 19							2	Same as above, 2.5Y 5/2 gray brown.
	20	SS S-7	X	N = 15								**POORLY GRADED SAND**, 2.5 4/1 dark gray, medium.
	25	SS S-8	X	N = 17							3	Same as above, 2.5 5/2 gray brown.
												Boring terminated at a depth of 25' below the ground surface.

N - STANDARD PENETRATION TEST RESISTANCE
P - POCKET PENETROMETER RESISTANCE
T - POCKET TORVANE SHEAR STRENGTH

REMARKS:
Soil Sampling perfomred by Envirocore, Inc, a drilling subcontractor to RETL, at N29.0785 deg W95.1248 deg.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	D02	3.5	POORLY GRADED SAND(SP)				1.15	1.64

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	D02	3.5	0.425	0.144	0.12	0.088	0.0	95.8	4.2	

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GRAIN SIZE DISTRIBUTION

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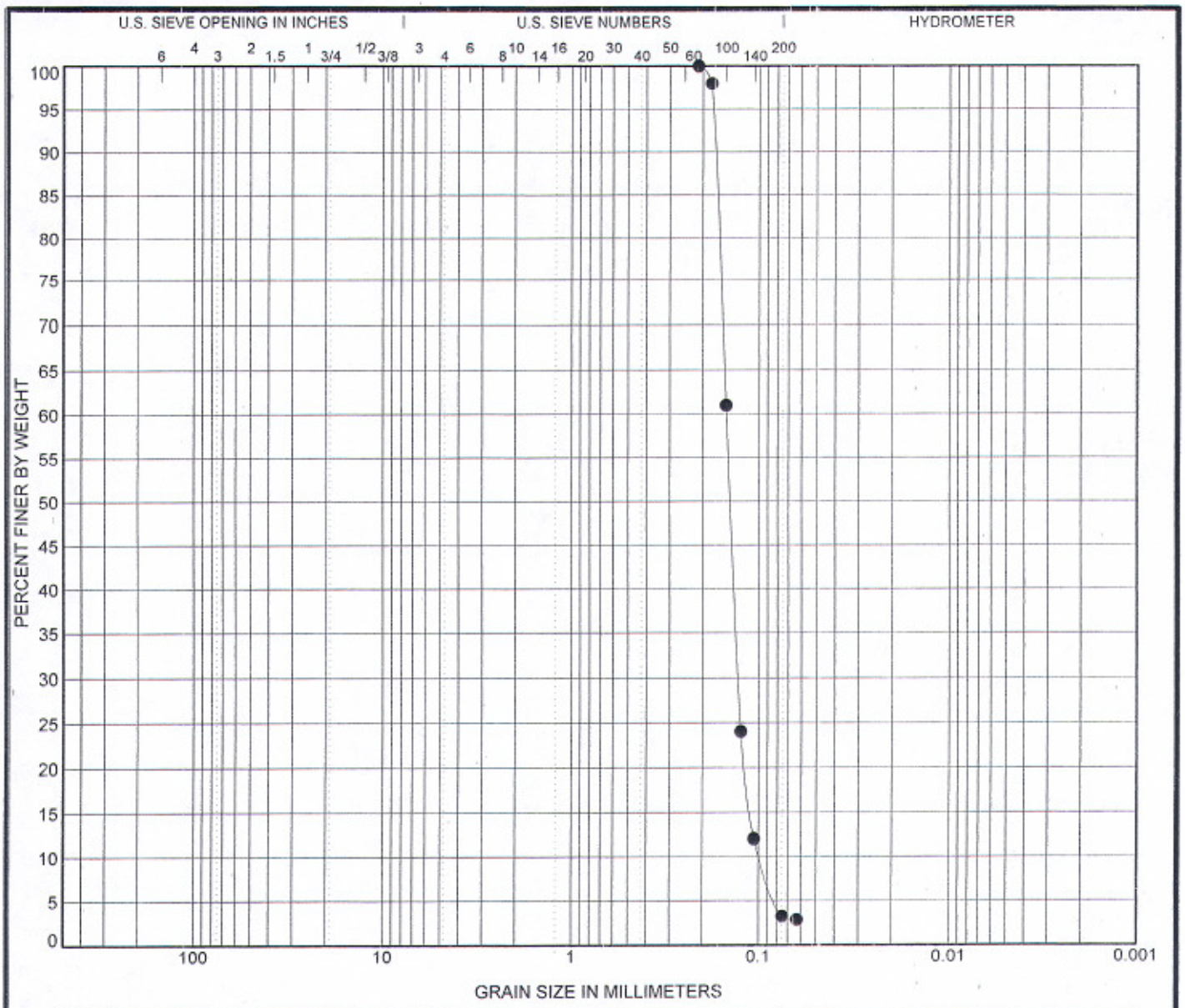
Location: W. Galveston Bay; Freeport, Texas

Number: G106505



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	D02	8.5	POORLY GRADED SAND(SP)				1.13	1.52

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	D02	8.5	0.212	0.149	0.129	0.098	0.0	96.8	3.2	

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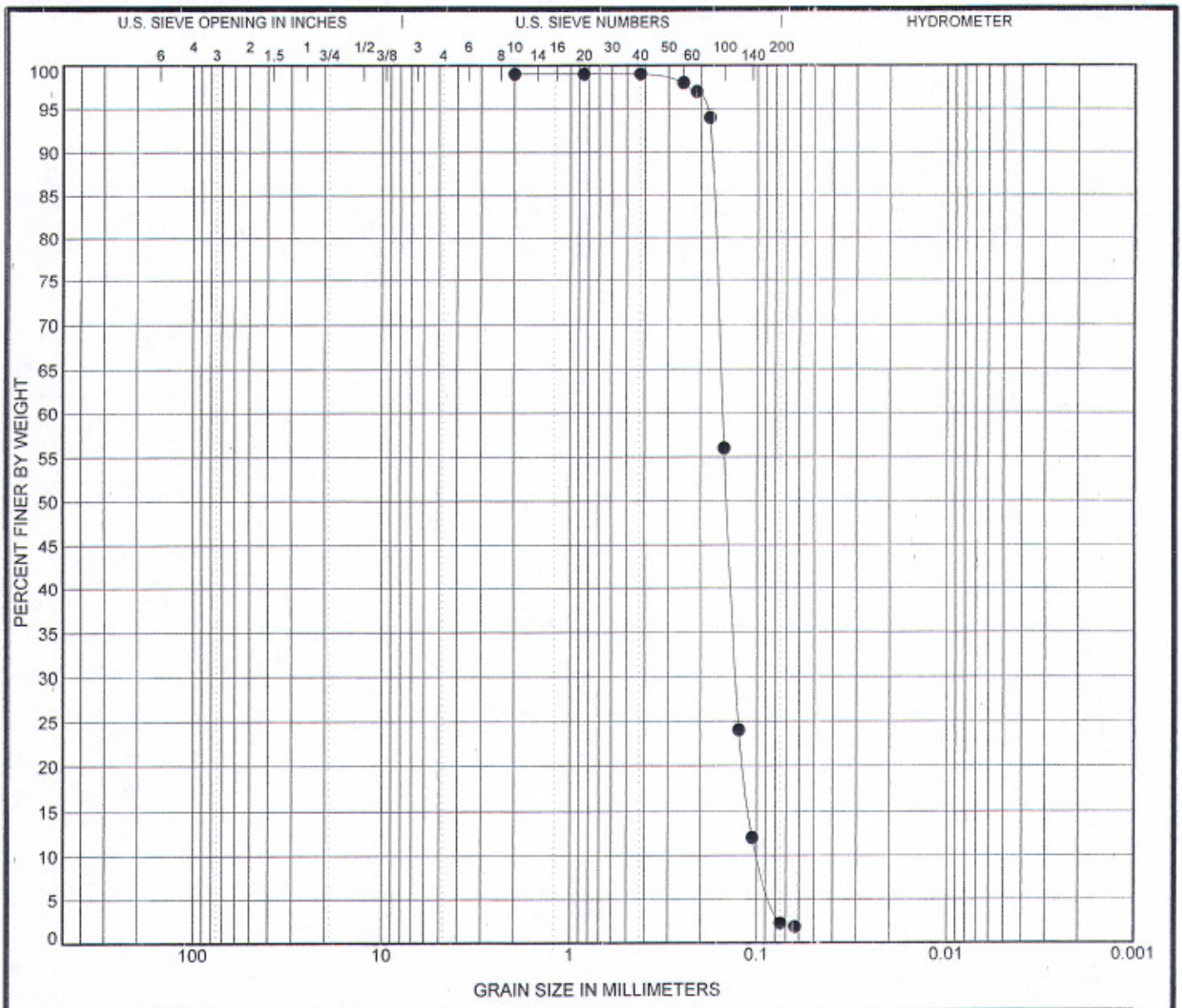

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	D02	13.5	POORLY GRADED SAND(SP)				1.11	1.55

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	D02	13.5	2	0.153	0.129	0.099	0.0	96.8	2.2	

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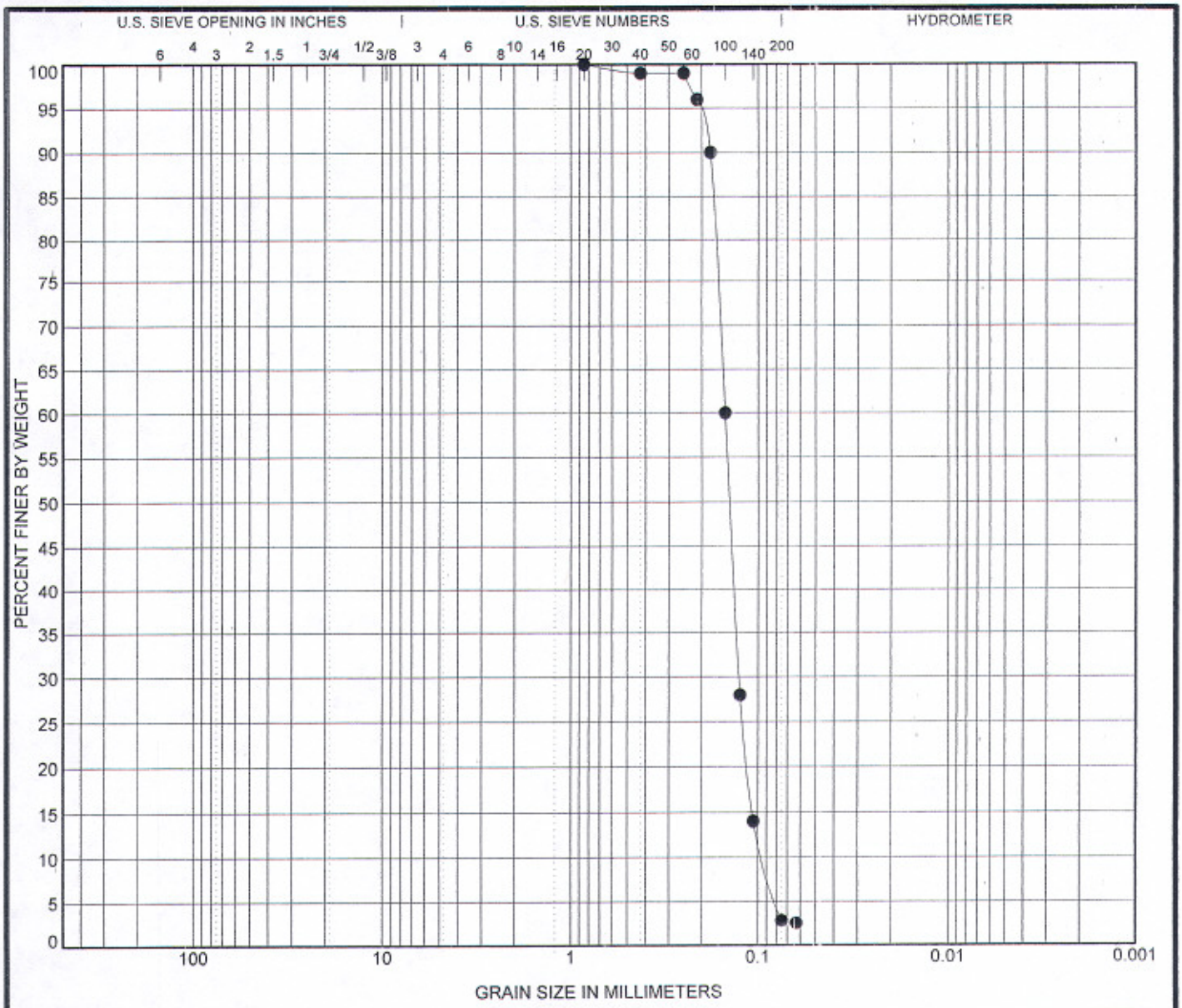

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	D02	23.5	POORLY GRADED SAND(SP)				1.14	1.60

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	D02	23.5	0.85	0.15	0.126	0.094	0.0	97.2	2.8	

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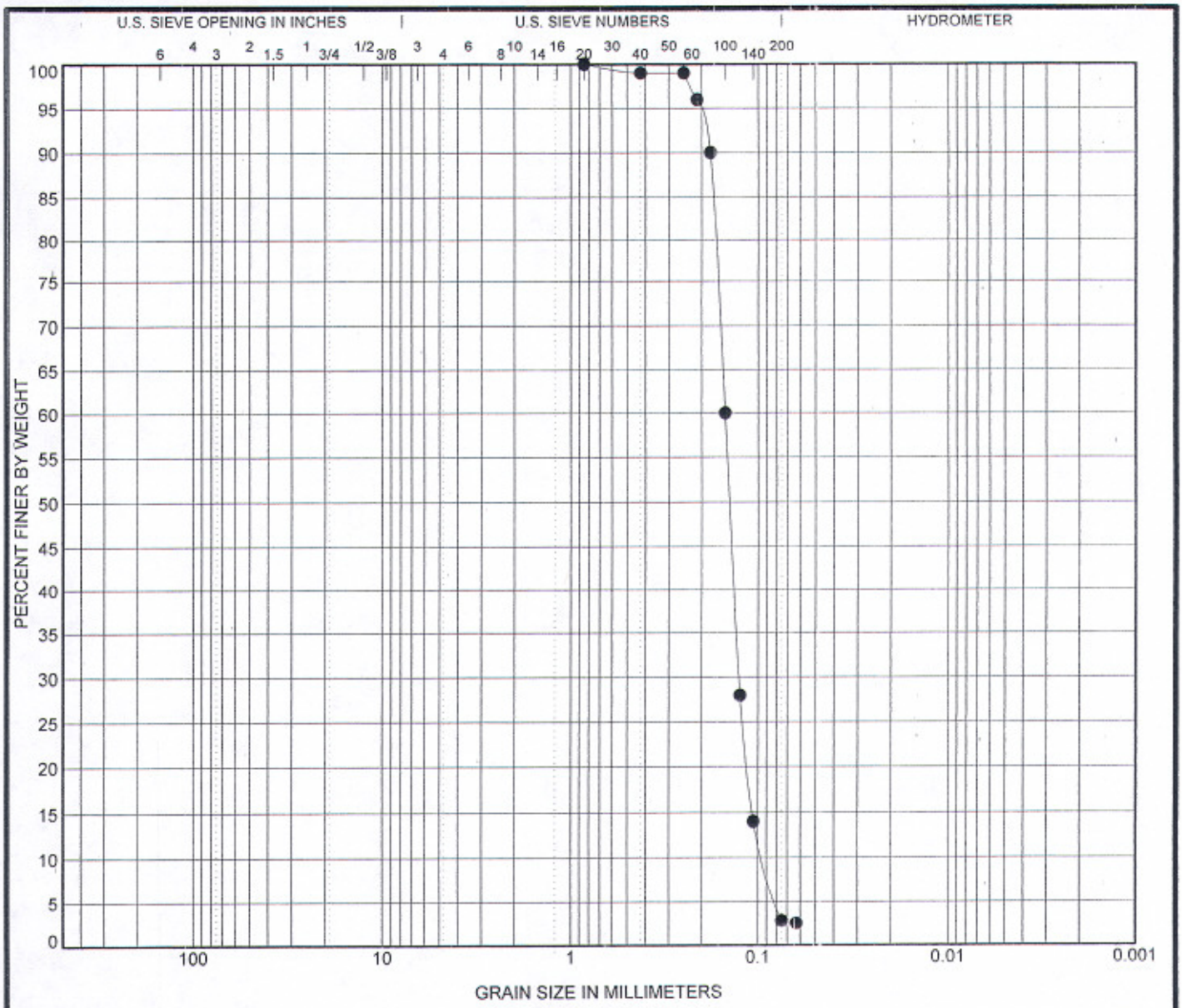

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	D02	23.5	POORLY GRADED SAND(SP)				1.14	1.60

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	D02	23.5	0.85	0.15	0.126	0.094	0.0	97.2	2.8	

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