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.

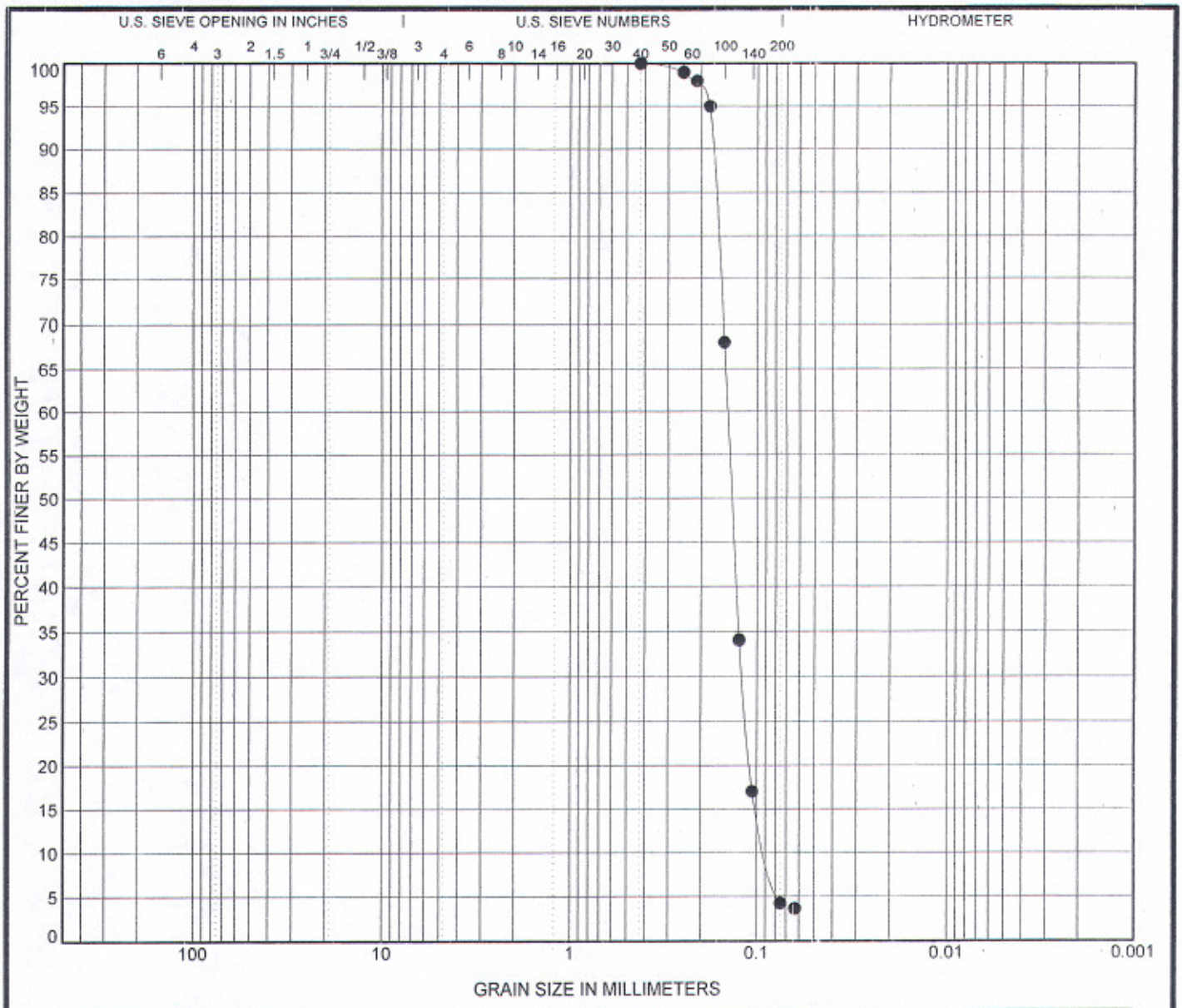
SURFACE ELEVATION: N/A

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	ATTERBERG LIMITS PLASTIC LIMIT PL	ATTERBERG LIMITS PLASTICITY INDEX PI	DRY DENSITY POUNDS/CU.FT	COMPRESSIVE STRENGTH (TONS/SQ FT)	MINUS NO. 200 SIEVE (%)	DESCRIPTION OF STRATUM
		SS S-1		N = 19								**POORLY GRADED SAND**, 2.5Y 4/2 dark gray brown, medium.
		SS S-2		N = 25							4	Same as above, 2.5Y 5/2 brown gray.
	5	SS S-3		N = 21								Same as above, 2.5Y 4/2 dark gray brown.
		SS S-4		N = 11							3	**POORLY GRADED SAND**, 2.5Y 3/1 very dark gray, medium.
	10	SS S-5		N = 16								Same as above, 2.5Y 5/2 gray brown.
		SS S-6		N = 19							2	Same as above, 2.5Y 5/2 gray brown.
	15											
		SS S-7		N = 15								**POORLY GRADED SAND**, 2.5 4/1 dark gray, medium.
	20											
		SS S-8		N = 17							3	Same as above, 2.5 5/2 gray brown.
	25											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.

LOG_OF_BORING G106505.GPJ ROCK_ETL.GDT 10/16/06



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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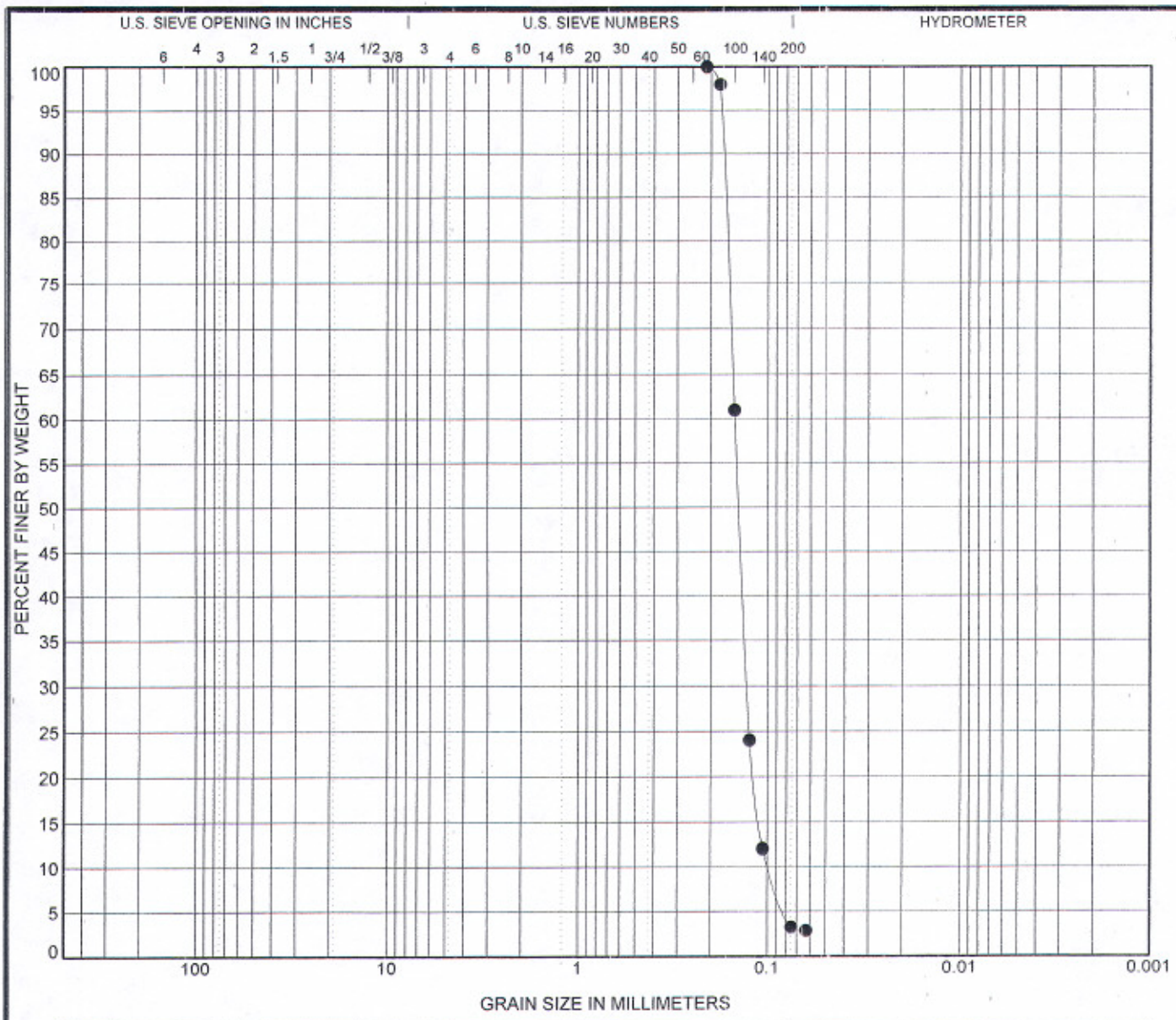
GRAIN SIZE DISTRIBUTION

Project: Proposed San Luis Pass Project Phase 2

Location: W. Galveston Bay; Freeport, Texas

Number: G106505

US_GRAIN_SIZE_G105505.GPJ US_LAB.GDT 10/17/06



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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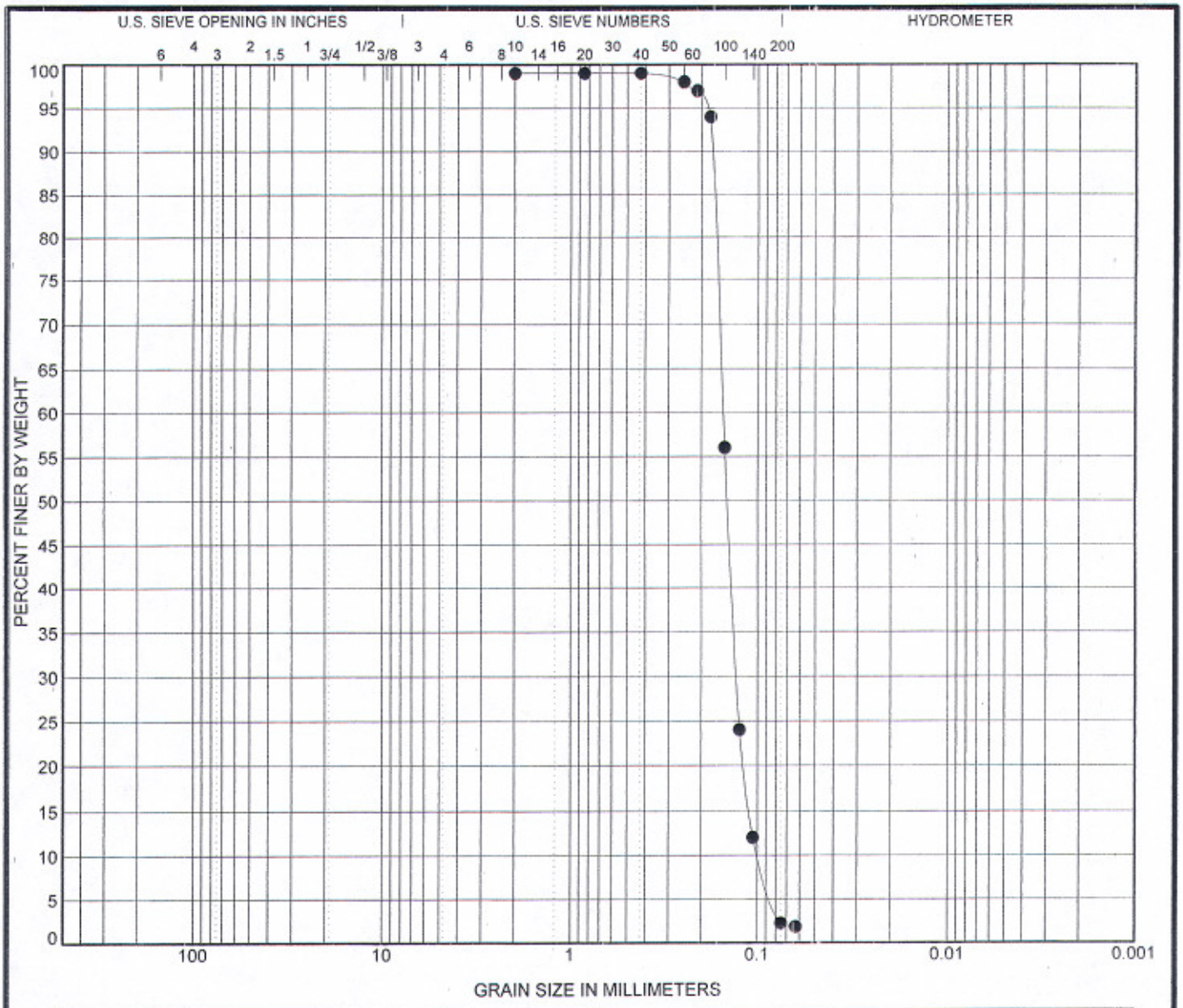

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	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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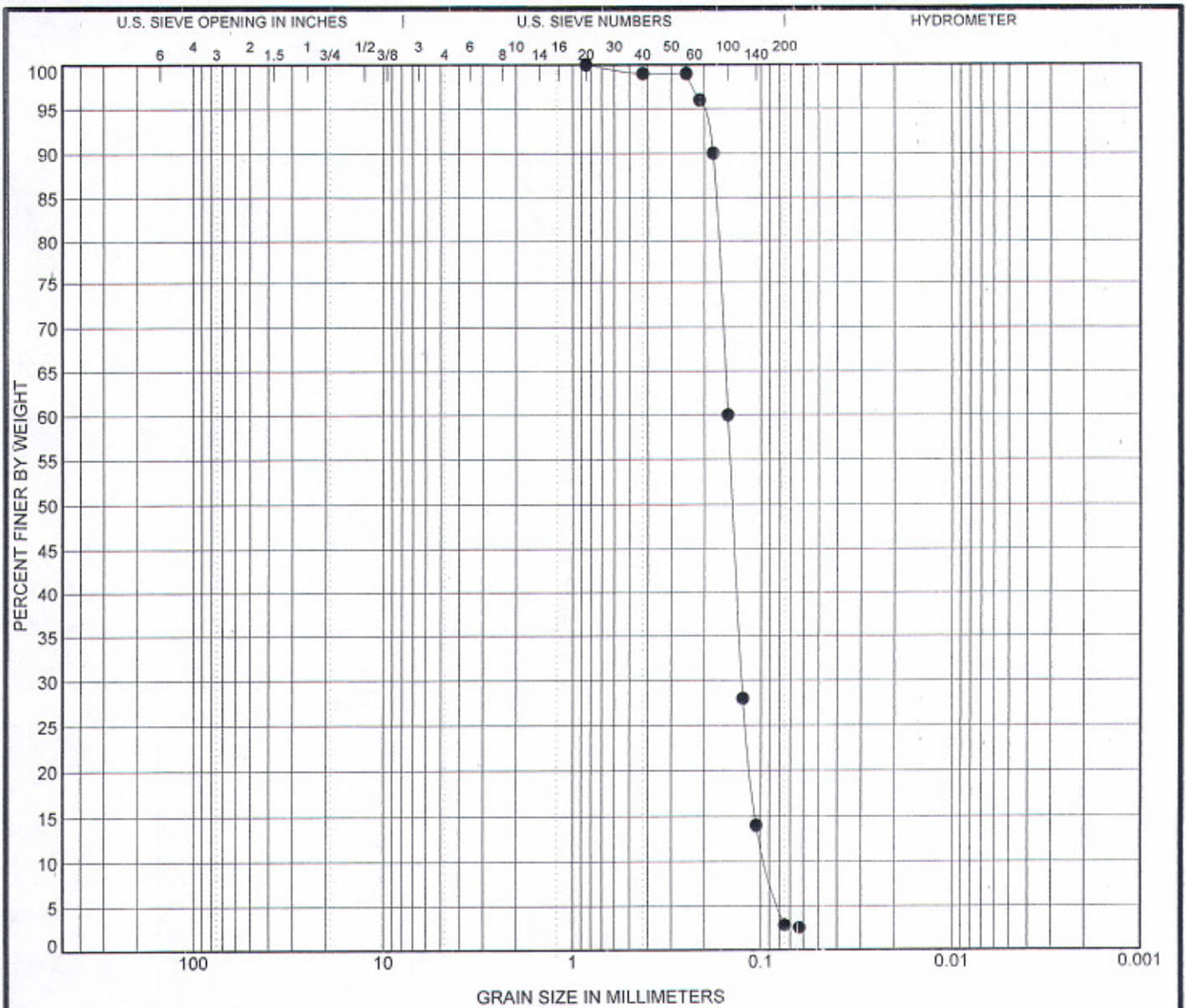

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	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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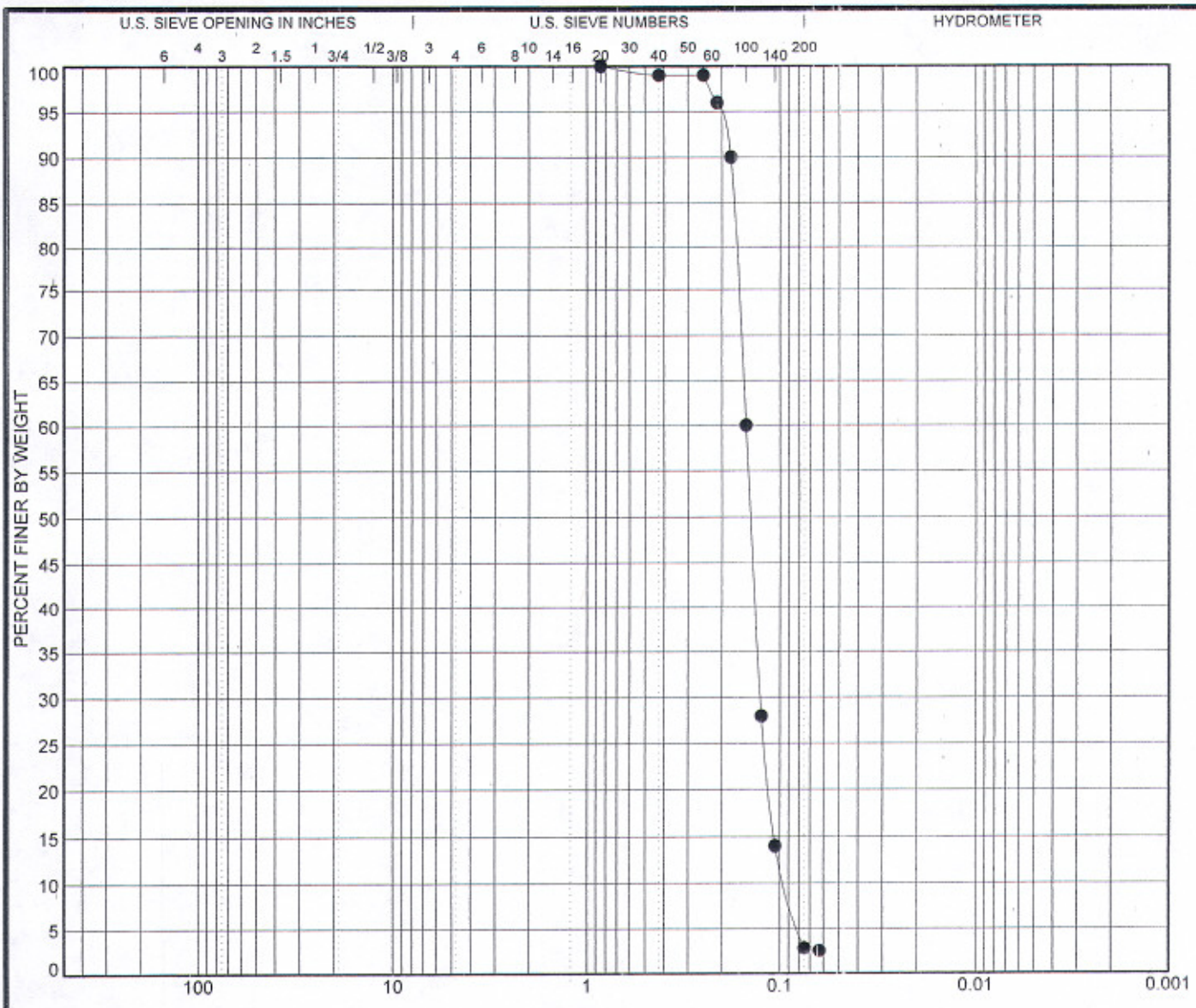
US GRAIN SIZE G106505.GPJ US_LAB.GDT 10/17/08



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