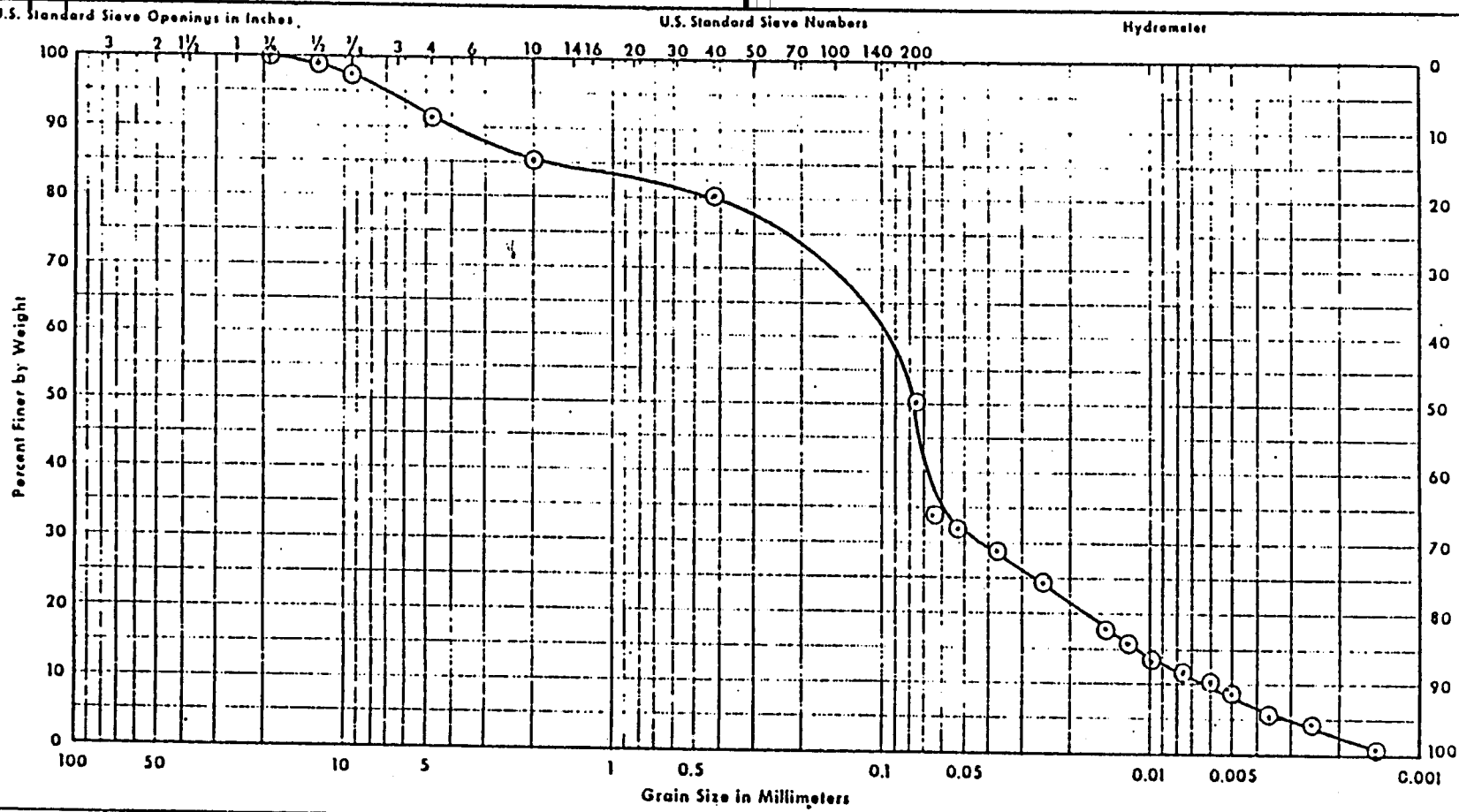


APPENDIX D
MATERIAL PROPERTY DATA





GRAIN SIZE ANALYSIS

UNIFIED	GRAVEL	SAND		SILT OR CLAY	
AASHO	GRAVEL	COARSE	FINE	SILT	CLAY

NUMBER	DEPTH	w	w _L	w _p	CLASSIFICATION
MW-2	43½-45				Brown clayey sandy silt to clayey silty sand, trace fine to coarse gravel. (ML-SM)

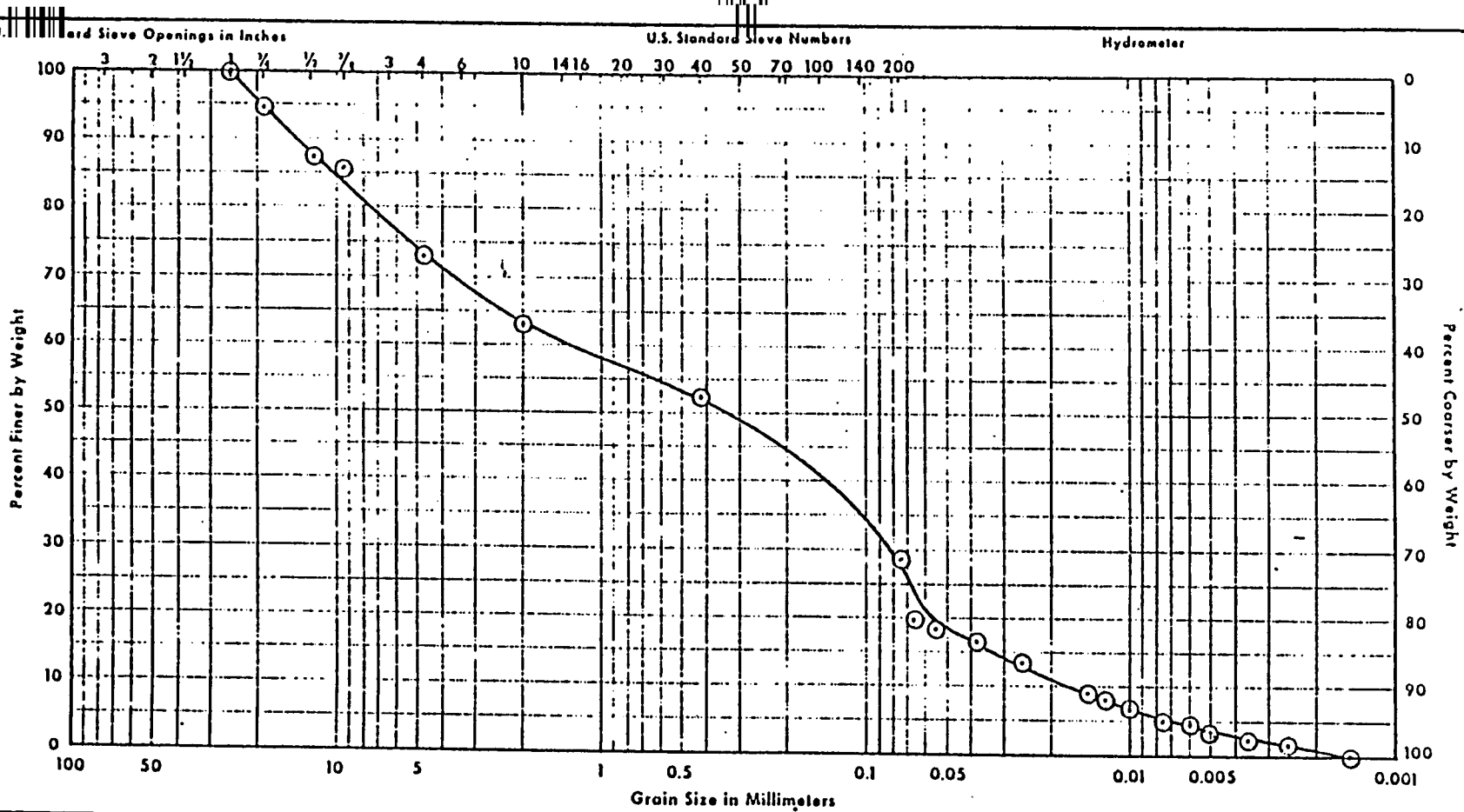
Project: Test Borings and Well Installation
Sta-Rite Industries
Delavan, Wisconsin

Laboratory: Wisconsin Testing Laboratories
 Job No.: S-8315
 Client: Donohue & Associates, Inc.

Date: 3/19/83

WISCONSIN TESTING LABORATORIES

GRAIN SIZE ANALYSIS



UNIFIED	GRAVEL		SAND		SILT OR CLAY	
AASHO	GRAVEL		COARSE	FINE	SILT	CLAY

NUMBER	DEPTH	w	w _L	w _p	CLASSIFICATION
MW-4	28½-30		13	11	Brown silty fine to coarse sand, trace clay, some fine to coarse gravel. (SM)

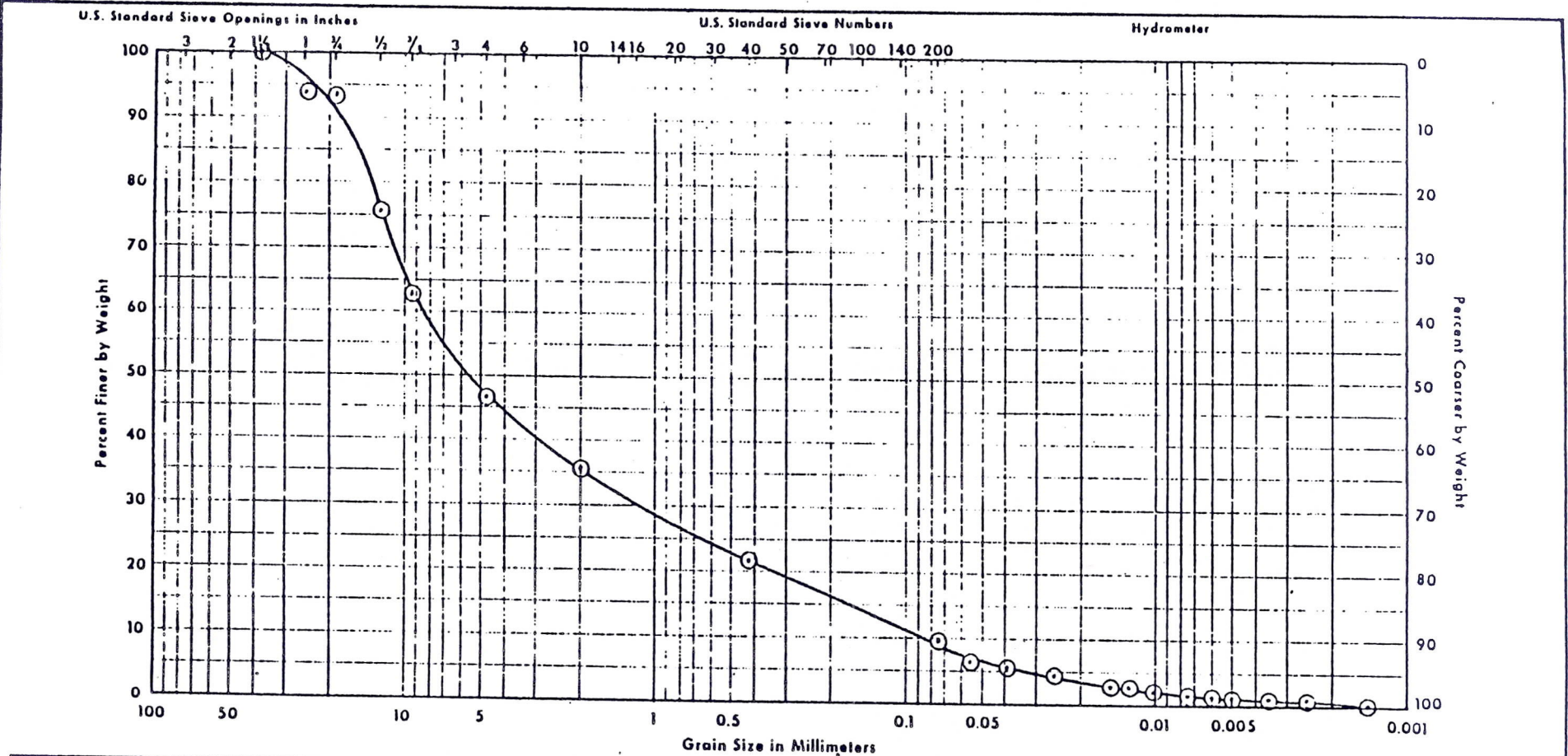
Project: Test Borings and Well Installation
Sta-Rite Industries
Delavan, Wisconsin

Laboratory: Wisconsin Testing Laboratories
 Job No.: S-8315
 Client: Donohue & Associates, Inc.

Date: 3/19/83

WISCONSIN TESTING LABORATORIES

GRAIN SIZE ANALYSIS



UNIFIED	GRAVEL	SAND		SILT OR CLAY	
AASHO	GRAVEL	COARSE	FINE	SILT	CLAY

NUMBER	DEPTH	w	w _L	w _p	CLASSIFICATION
MW-4	53½-55				Brown fine to coarse sand and gravel, trace clay, trace silt. (SW-GW)

Project: Test Borings and Well Installation
Sta-Rite Industries
Delavan, Wisconsin

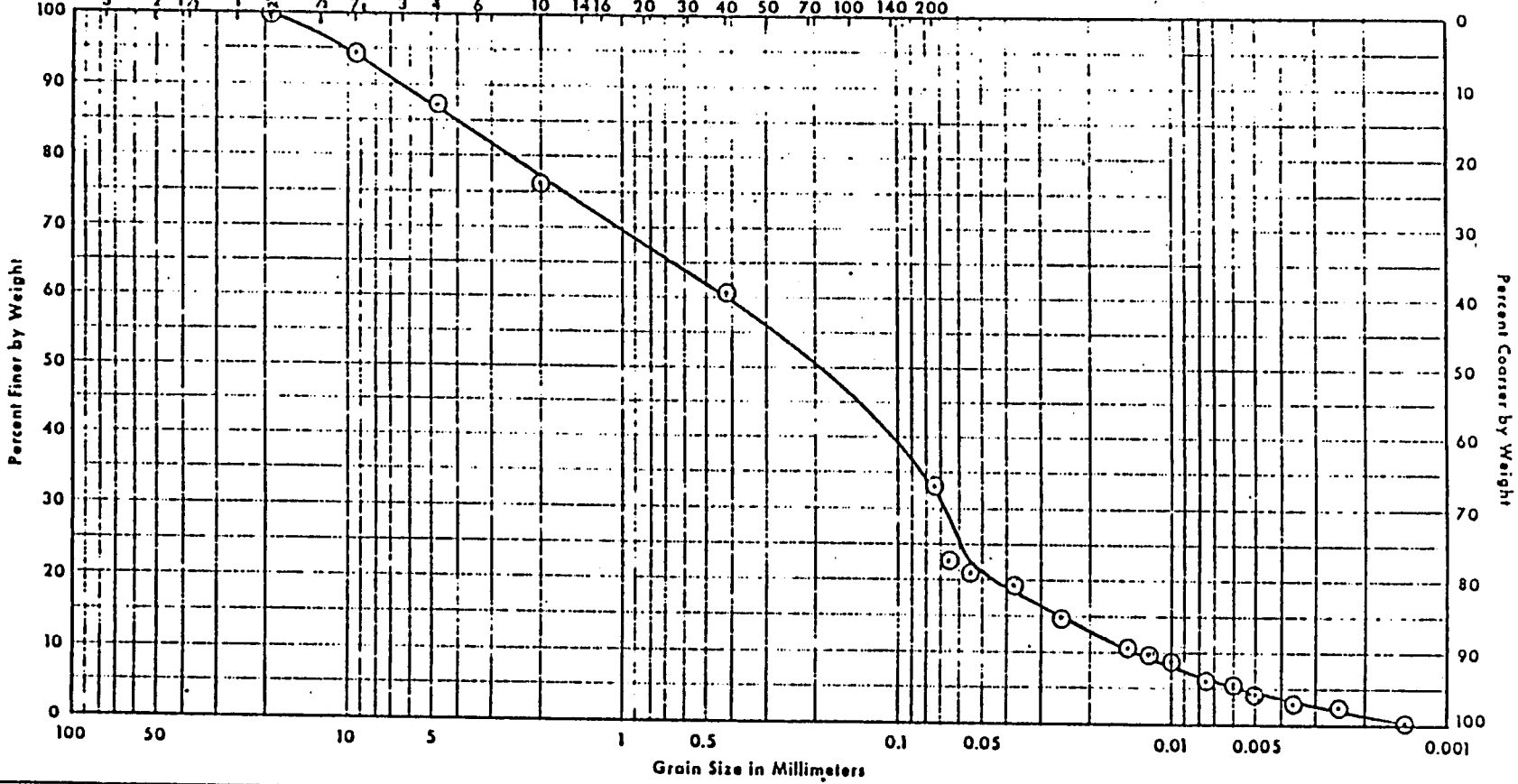
Laboratory: Wisconsin Testing Laboratories
 Job No.: S-8315
 Client: Donohue & Associates, Inc.

Date: 3/19/83

WISCONSIN TESTING LABORATORIES

GRAIN SIZE ANALYSIS

U.S. Standard Sieve Openings in Inches U.S. Standard Sieve Numbers Hydrometer



UNIFIED	GRAVEL	SAND		SILT OR CLAY	
AASHO	GRAVEL	COARSE	FINE	SILT	CLAY

NUMBER	DEPTH	w	w _L	w _p	CLASSIFICATION
MW-6	8½-10				Brown clayey silty fine to coarse sand, little fine to coarse gravel. (SM)

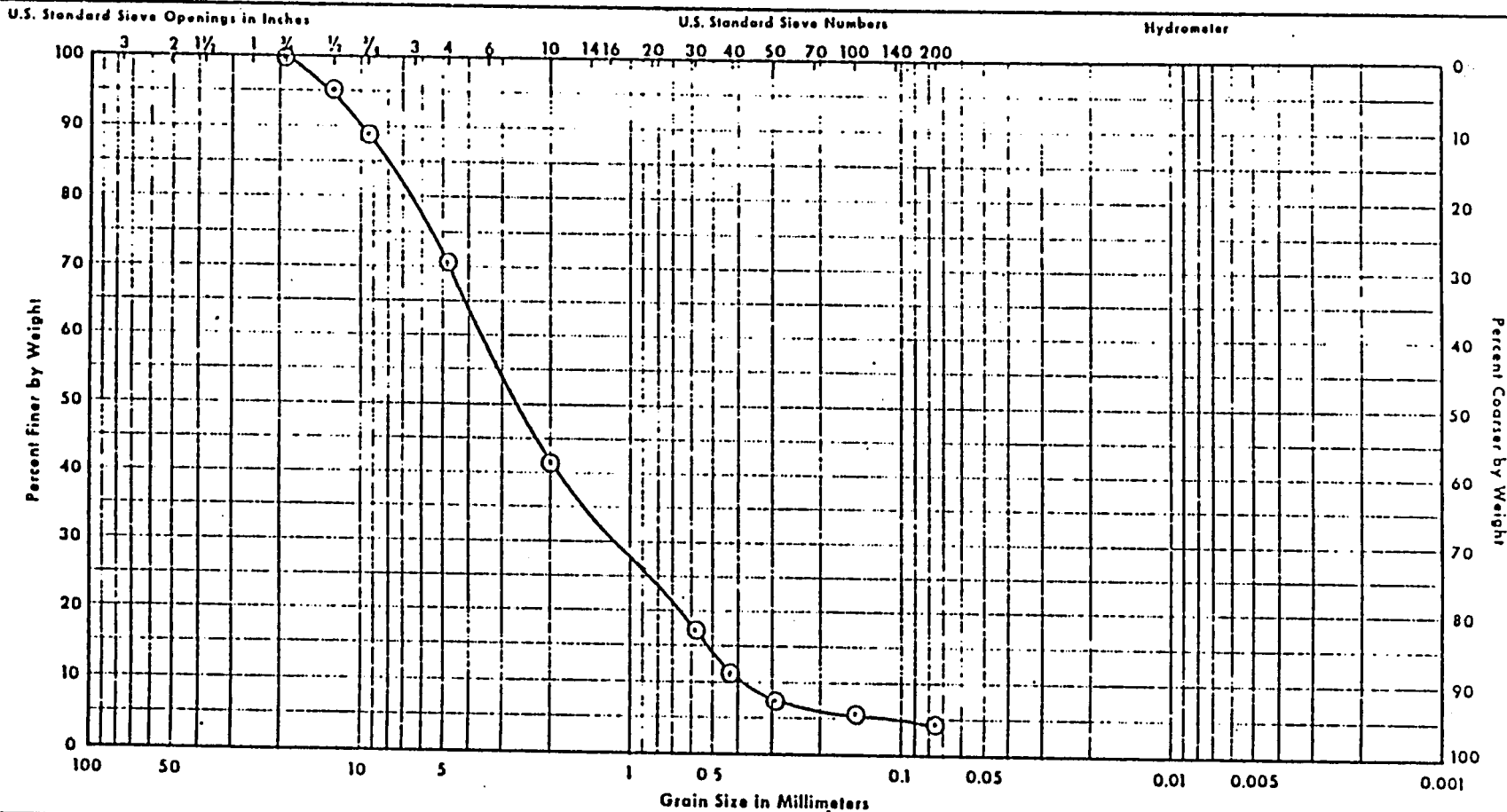
Project: Test Borings and Well Installation
 Sta-Rite Industries
 Delavan, Wisconsin

Laboratory: Wisconsin Testing Laboratories
 Job No.: S-8315

Client: Donohue & Associates, Inc.

Date: 3/19/83

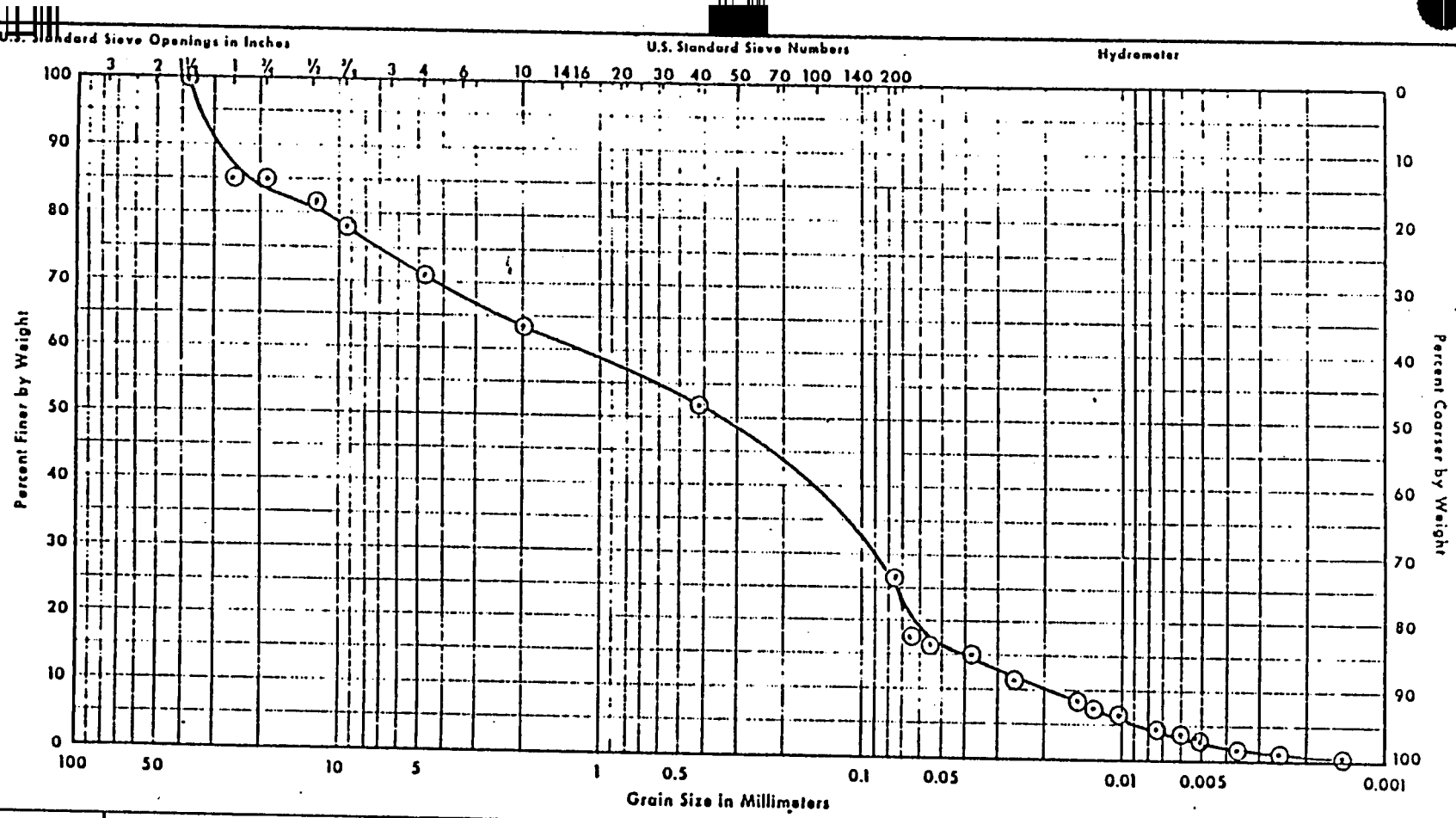
WISCONSIN TESTING LABORATORIES



UNIFIED	GRAVEL	SAND		SILT OR CLAY	
AASHO	GRAVEL	COARSE	FINE	SILT	CLAY

NUMBER	DEPTH	w	w _L	w _P	CLASSIFICATION	Project:
MW-6	48½-50				Brown fine to coarse sand, trace silt, some fine to coarse gravel. (SW)	Test Borings and Well Installation Sta-Rite Industries Delavan, Wisconsin
						Laboratory: Wisconsin Testing Laboratories
						Job No.: S-8315
						Client: Donohue & Associates, Inc.
						Date: 3/19/83

GRAIN SIZE ANALYSIS



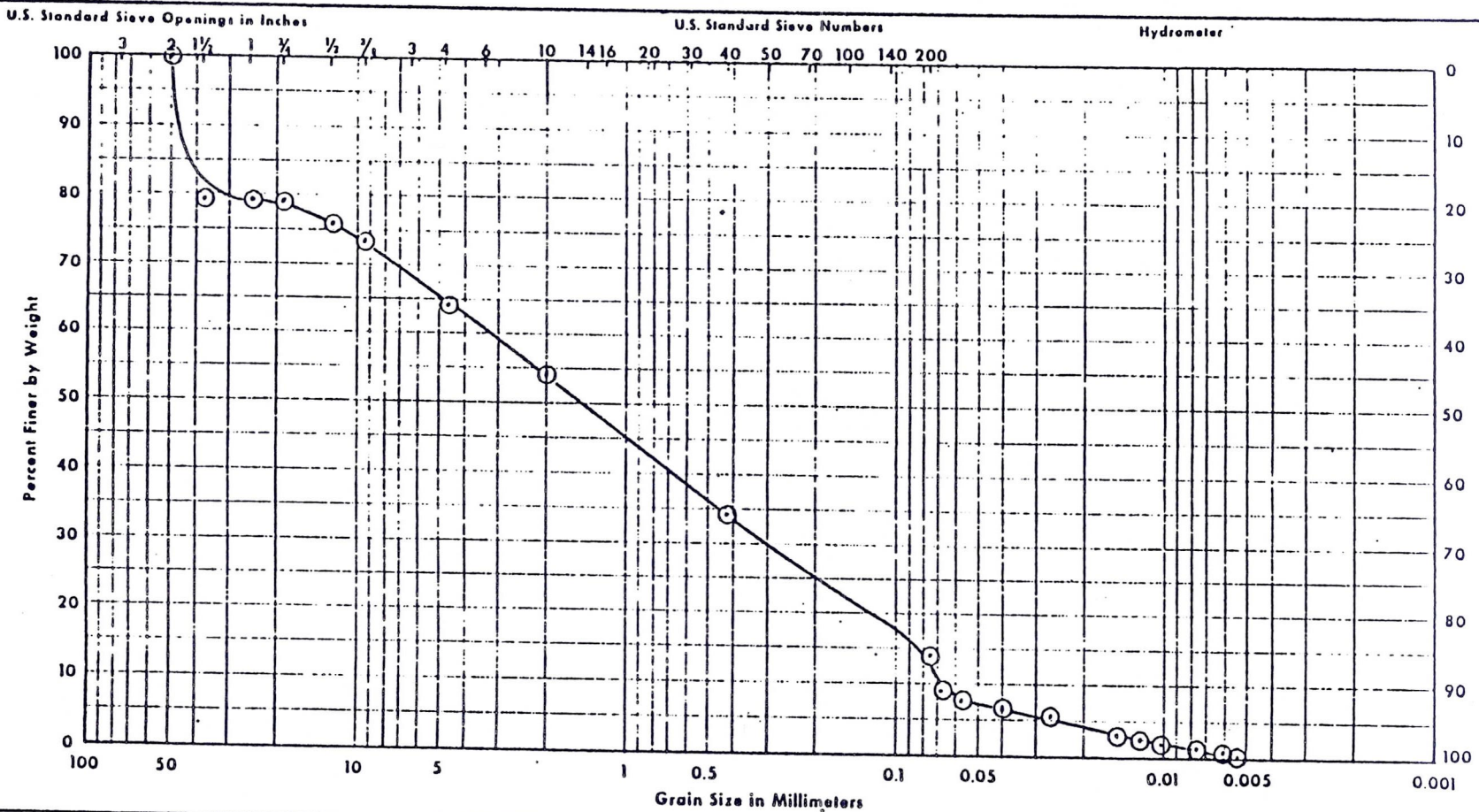
UNIFIED	GRAVEL	SAND		SILT OR CLAY	
AASHO	GRAVEL	COARSE	FINE	SILT	CLAY

NUMBER	DEPTH	w	w _L	w _p	CLASSIFICATION
HW-10	13½-15		15	13	Brown silty fine to coarse sand, trace clay, some fine to coarse gravel. (SM)

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Sta-Rite Industries
Delavan, Wisconsin

Laboratory: Wisconsin Testing Laboratories
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 Client: Donohue & Associates, Inc.

Date: 3/19/83



UNIFIED	GRAVEL		SAND		SILT OR CLAY	
AASHO	GRAVEL		COARSE	FINE	SILT	CLAY

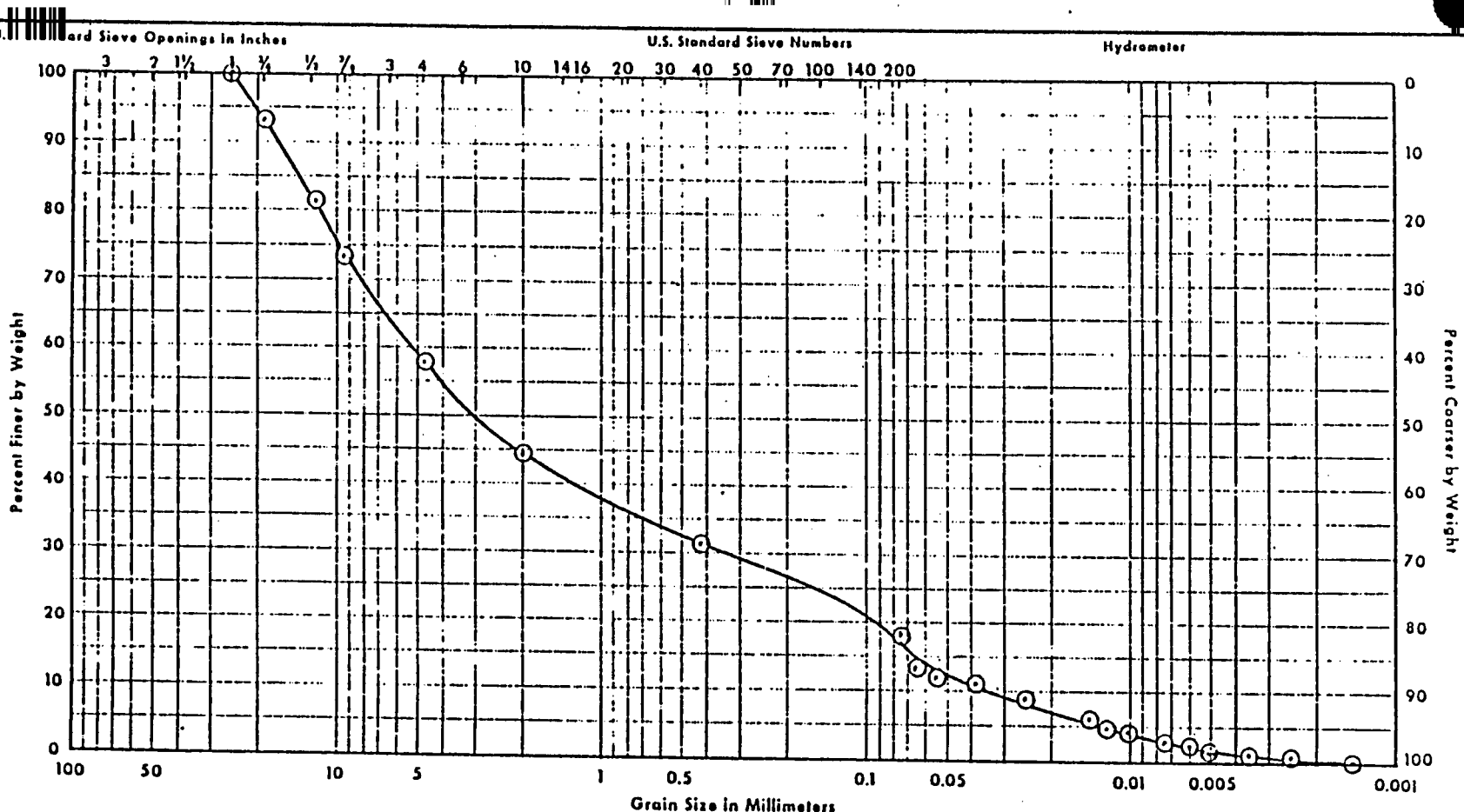
NUMBER	DEPTH	w	w _L	w _p	CLASSIFICATION
MW-10	33½-35				Brown fine to coarse sand, trace to little silt, some fine to coarse gravel. (SP-SM)

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Delavan, Wisconsin

Laboratory: Wisconsin Testing Laboratories
 Job No.: S-8315
 Client: Donohue & Associates, Inc.

Date: 3/19/83

GRAIN SIZE ANALYSIS



UNIFIED	GRAVEL		SAND		SILT OR CLAY	
AASHTO	GRAVEL		COARSE	FINE	SILT	CLAY

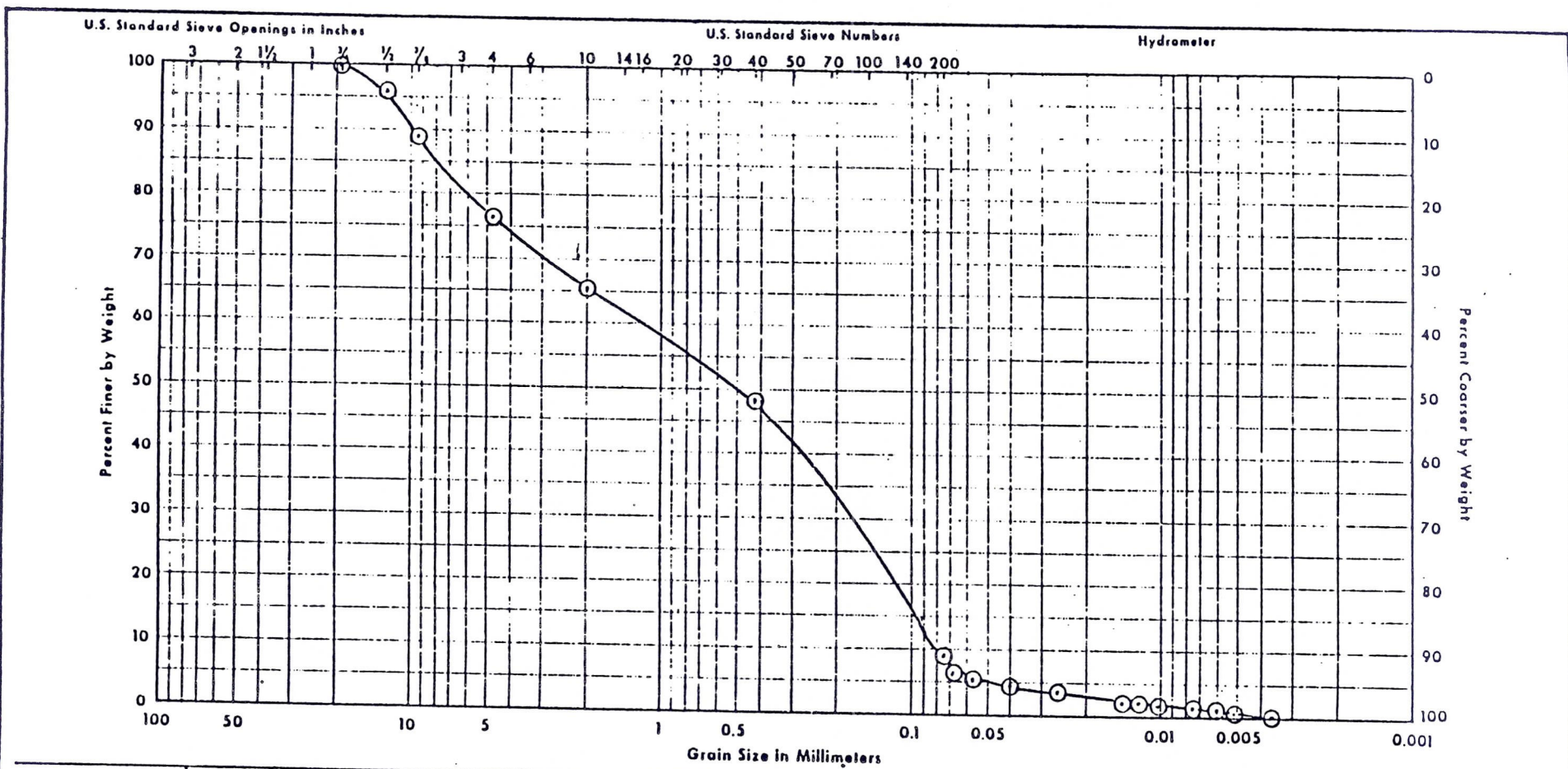
NUMBER	DEPTH	w	w _L	w _p	CLASSIFICATION
MW-10	43½-45'		17	14	Brown silty fine to coarse sand, trace clay, some fine to coarse gravel. (SM)

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Date: 3/19/83

WISCONSIN TESTING LABORATORIES



UNIFIED	GRAVEL		SAND		SILT OR CLAY	
AASHO	GRAVEL		COARSE	FINE	SILT	CLAY

NUMBER	DEPTH	w	w _L	w _P	CLASSIFICATION
MW-10	88½-90'				Brown fine to coarse sand, trace silt, some fine to coarse gravel. (SP)

Project: Test Borings and Well Installation
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Delavan, Wisconsin

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 Client: Donohue & Associates, Inc.

Date: 3/19/83

SUMMARY OF PERMEABILITY TEST RESULTSSta-Rite IndustriesDelavan, Wisconsin

<u>Boring Number</u>	<u>Sample Number</u>	<u>Depth Feet</u>	<u>Dry Density PCF</u>	<u>Permeability cm./sec.</u>
MW-4	6	28½-30	136.0*	6.07×10^{-8}
MW-10	3	13½-15	128.8*	8.39×10^{-8}
MW-10	7	33½-35	128.5**	6.39×10^{-7}

*Remolded density of permeability sample is within estimated natural density range, as based on a natural density determination performed on next lower sample in the same stratum.

**No intact sample from the same stratum was available for natural density determination. Approximate natural density was therefore assumed for remolding purposes.