

October 17, 2025

Daniel Todd
6026 Hwy 134
Conway, SC 29524

Attn: Mr. Daniel Todd

RE: **Geotechnical Investigation**
Todd Property Test Pits – Pin# 33400000008
Horry County, South Carolina
GeoMetrics No. TP-DT02-G1M

Mr. Todd:

As authorized, **GeoMetrics Consulting, LLC**, has completed a geotechnical investigation and engineering analyses for the above referenced project. This report describes our findings from the geotechnical investigation. Included in this report are a brief description of the soil conditions encountered, the field and laboratory testing procedures and the results of our analysis. GeoMetrics understands that the project involves the evaluation of soils for potential borrow material within a portion of the subject property (Pin# 33400000008) located along Bottle Branch Rd in Horry County, South Carolina.

INTRODUCTION

A geotechnical investigation was performed within a portion of the Todd property. The primary objectives of this study were to gather information on the subsurface conditions at the site and to determine soil usability within the proposed borrow areas.

A site plan depicting the soil test boring locations is presented in *Appendix I - Figures*. The soil test boring logs are located in *Appendix II - Soil Test Boring Logs*. The laboratory results are presented in *Appendix III – Laboratory Results*. This report completes the geotechnical investigation outlined in the approved work plan.

FIELD EXPLORATION

Ten (10) test pits were excavated to examine the characteristics of the *in situ* soils and determine potential usability. The location of the test pits are shown on the boring location plan included in *Appendix I – Figures*. The pit logs are located in *Appendix II - Test Pit Logs*. Collected soil samples were transported to the laboratory for further testing. The soils were visually examined and classified in general accordance with AASHTO M-245, ASTM D-2488 and the Unified Soil Classification System (USCS).

LABORATORY TESTING

Selected soil samples were tested in the laboratory to determine applicable physical and engineering properties. The laboratory testing program included determination of particle-size distribution (ASTM D1140/AASHTO T-88), moisture content (ASTM D2216/AASHTO T-265), and moisture-plasticity relationship (ASTM D4318/AASHTO T-89/90). The tests were used to determine the behavioral characteristics of the soils as well as to verify field classifications described above. The laboratory results are presented in *Appendix III – Laboratory Results*.

Laboratory Testing Results

Boring ID	Soil Description	Depth (ft)	AASHTO Class	USCS Class	MC %	% Finer than #200	LL	PL	PI
TP-1	Very dark grayish brown poorly graded SAND with silt	9	A-3	SP-SM	19.1	7.2	NP	NP	NP
TP-2	Pale brown poorly graded SAND with silt	1	A-3	SP-SM	2.6	6.0	NP	NP	NP
TP-2	Brown poorly graded SAND with silt	6	A-3	SP-SM	11.3	7.6	NP	NP	NP
TP-3	Gray silty clayey SAND	9	A-2-4	SC-SM	15.4	27.4	24	18	6
TP-4	Yellowish brown clayey SAND	5	A-2-6	SC	20.5	40.0	36	22	14
TP-4	Gray clayey SAND	9	A-2-6	SC	23.8	44.4	38	24	14
TP-5	Yellowish brown silty clayey SAND	3	A-2-4	SC-SM	14.2	30.5	26	20	6
TP-5	Gray clayey SAND	7	A-2-6	SC	20.1	38.0	33	22	11
TP-6	Light yellowish brown silty SAND	1	A-2-4	SM	5.5	12.8	NP	NP	NP
TP-6	Brown silty clayey SAND	9	A-2-4	SC-SM	23.7	30.7	27	21	6
TP-7	Very dark gray clayey SAND	2	A-2-6	SC	27.6	39.4	35	23	12
TP-8	Gray clayey SAND	8	A-2-6	SC	42.1	38.9	36	23	13
TP-9	Light gray silty SAND	9	A-2-4	SM	24.8	19.9	16	14	2
TP-10	Gray clayey SAND	3	A-2-6	SC	18.0	46.6	42	23	19
TP-10	Light gray silty SAND	9	A-2-4	SM	24.0	14.3	12	10	2

MC: Moisture content; LL: Liquid Limit; PL: Plastic Limit; PI: Plasticity Index; NP: Nonplastic.

SUITABILITY OF ONSITE SOILS



TP-1
0-10' Suitable for roadway and pad fill

TP-2
0-10' Suitable for roadway and pad fill

TP-3
0-8' Suitable for roadway and pad fill
8-10' Suitable for building pad fill

TP-4
0-10' Suitable for building pad fill

TP-5
0-10' Suitable for building pad fill

TP-6
0-10' Suitable for building pad fill

TP-7
0-10' Suitable for building pad fill

TP-8
0-3' Suitable for roadway and pad fill
3-8' Suitable for building pad fill
8-10' Suitable for roadway and pad fill

TP-9
0-3' Suitable for roadway and pad fill
3-10' Suitable for building pad fill

TP-10
0-10' Suitable for building pad fill

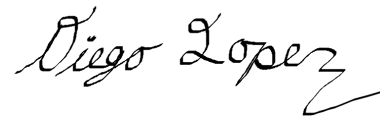
Since some of these soils may be near or below the water table their natural moisture content may be at or near their saturation point. Before being used for fill material they may need to be manipulated (i.e. stockpiled and/or windrowed) in order to reduce moisture contents to near optimum (i.e. within $\pm 3\%$). Additional laboratory testing will be required to determine the actual suitability of specific fill soils once pond excavation is underway.

STANDARD OF CARE

GeoMetrics Consulting, LLC, has performed this engineering study in a manner consistent with the degree of care and skill ordinarily exercised by members of the profession currently practicing under similar circumstances. The design recommendations in this report incorporate industry standards and procedures and are based on the *in-situ* soil conditions encountered in the test borings, the laboratory testing program, the analysis of the site and subsurface conditions, and previous experience. If subsurface conditions are discovered during construction that differ from those encountered during the field investigation, GeoMetrics should be contacted to evaluate the impact of the identified condition. This report has been prepared for the exclusive use of Mr. Daniel Todd and their design team for the specific applications of the subject property (Pin# 3340000008) located in Horry County, South Carolina.

Sincerely,

GeoMetrics Consulting, LLC



Diego Lopez, E.I.T.
Project Manager



J.C. Bishop, P.E.
Principal

APPENDIX I

Figures

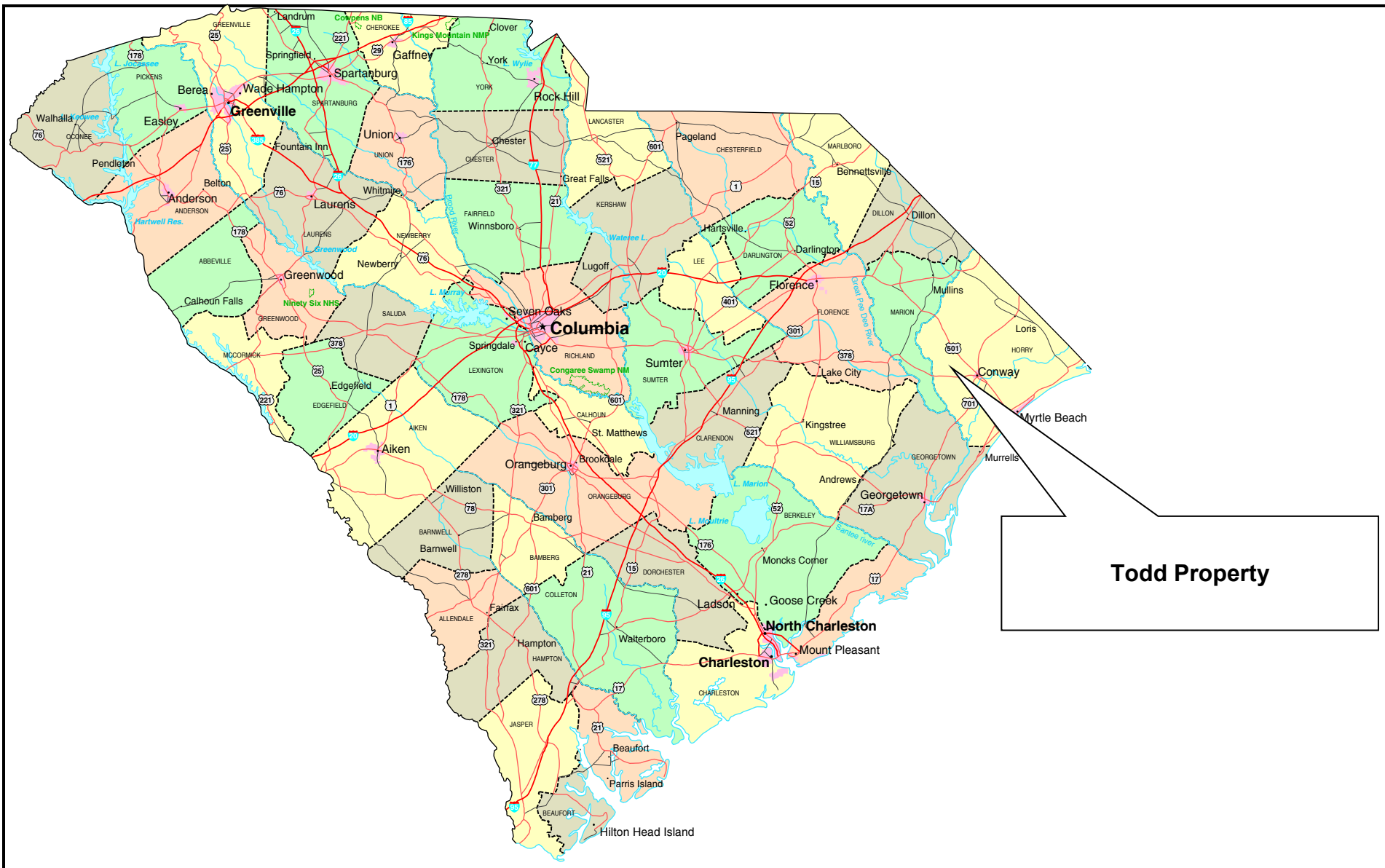
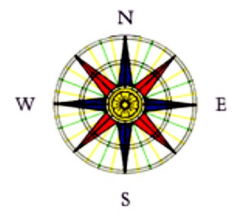
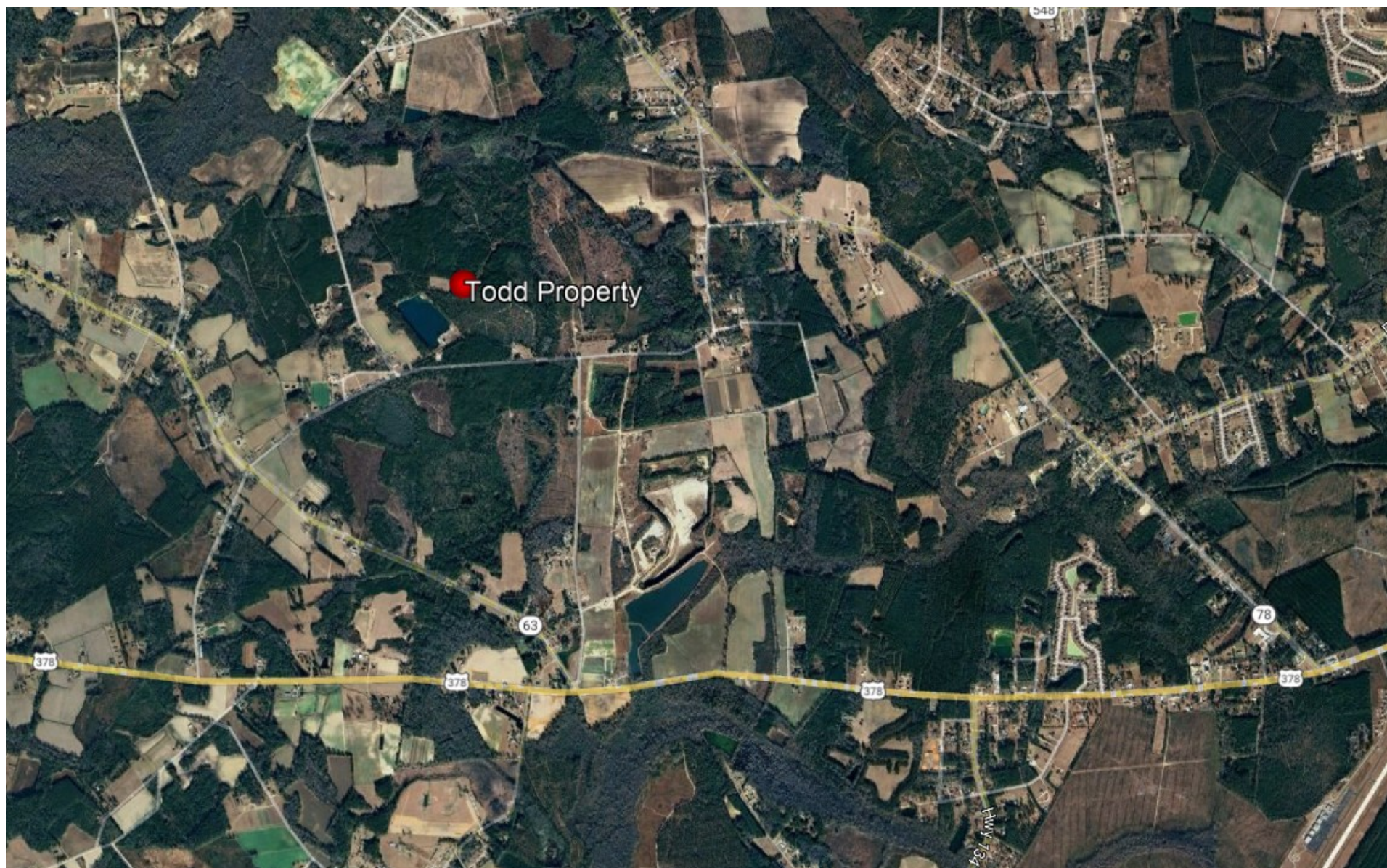


Figure 1	Vicinity Map Todd Property Horry County, South Carolina	GeoMetrics No. TP-DT02-G1M	
	<i>Prepared For:</i> Daniel Todd Conway, South Carolina	October 17, 2025	



**Figure
2**

**Vicinity Map
Todd Property
Horry County, South Carolina**

**GeoMetrics No.
TP-DT02-G1M**

GEOMETRICS
CONSULTING

Prepared For:
**Daniel Todd
Conway, South Carolina**

October 17, 2025

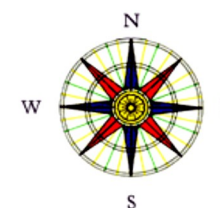
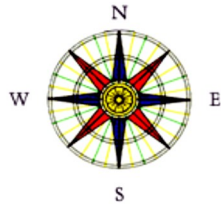
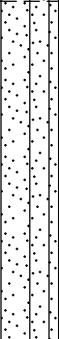
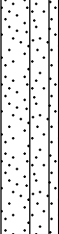




Figure 3	Test Pit Boring Location Plan Todd Property Horry County, South Carolina	GeoMetrics No. TP-DT02-G1M	
	<i>Prepared For:</i> Daniel Todd Conway, South Carolina	October 17, 2025	

APPENDIX II

Soil Test Pit Logs

Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP- 1 Location: 33.854295°N, -79.174718°W Offset: N/A			
Date Excavated: September 26, 2025		Supervisor: Josh Tucker		Ref:			
Casing Length: N/A		Ground Elevation:					
Excavation Method: Mini excavator							
Water Level: Not encountered							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
	0.6	Topsoil					
		Poorly graded SAND with silt, yellowish brown, SP-SM					
	5.0	Poorly graded SAND with silt, grayish brown, SP-SM					
	8.0	Poorly graded SAND with silt, very dark grayish brown, SP-SM					
	10.0	Boring terminated at 10 ft					9.0% passing # 200

TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP- 2 Location: 33.854677°N, -79.176652°W Offset: N/A			
Date Excavated: September 26, 2025		Supervisor: Josh Tucker		Ref:			
Casing Length: N/A		Ground Elevation:					
Excavation Method: Mini excavator							
Water Level: Not encountered							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
	0.7	Topsoil					6.0% passing # 200
		Poorly graded SAND with silt, pale brown, SP-SM					
	5.0	Poorly graded SAND with silt, brown, SP-SM					
	8.0	Poorly graded SAND with silt, very dark grayish brown, SP-SM					7.6% passing # 200
	10.0	Boring terminated at 10 ft					

TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP- 3 Location: 33.855001°N, -79.178712°W Offset: N/A			
Date Excavated: September 26, 2025		Supervisor: Josh Tucker		Ref:			
Casing Length: N/A		Ground Elevation:					
Excavation Method: Mini excavator							
Water Level: Not encountered							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
	0.7	Topsoil					
		Poorly graded SAND with silt, light grayish brown, SP-SM					
	4.0	Poorly graded SAND with silt, dark grayish brown, SP-SM					
	8.0	Silty clayey SAND, gray, SC-SM					
	10.0	Boring terminated at 10 ft					
							27.4% passing # 200

TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP- 4			
				Location: 33.856592°N, -79.179750°W Offset: N/A			
Date Excavated: September 26, 2025		Supervisor: Josh Tucker		Ref:			
Casing Length: N/A		Ground Elevation:					
Excavation Method: Mini excavator							
Water Level: Not encountered							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
		Topsoil					
	0.8						
	1.0	Silty SAND, yellowish brown, SM					
		Silty SAND, dark grayish brown, SM					
	4.0	Clayey SAND, yellowish brown, SC					
							40.0% passing # 200
	6.0	Clayey SAND, dark grayish brown, SC					
	8.0	Clayey SAND, gray, SC					
							44.4% passing # 200
	10.0	Boring terminated at 10 ft					

TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP- 5			
				Location: 33.856455°N, -79.177253°W			
				Offset: N/A			
Date Excavated: September 26, 2025			Supervisor: Josh Tucker			Ref:	
Casing Length: N/A			Ground Elevation:				
Excavation Method: Mini excavator							
Water Level: Not encountered							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
		Topsoil					
	0.7	Silty SAND, grayish brown, SM					
	2.0	Silty clayey SAND, yellowish brown, SC-SM					30.5% passing # 200
	4.0	Clayey SAND, dark grayish brown, SC					
	6.0	Clayey SAND, gray, SC					38.5% passing # 200
	10.0	Boring terminated at 10 ft					

TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP- 6			
				Location: 33.856211°N, -79.174538°W			
				Offset: N/A			
Date Excavated: September 26, 2025			Supervisor: Josh Tucker			Ref:	
Casing Length: N/A			Ground Elevation:				
Excavation Method: Mini excavator							
Water Level: Not encountered							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
	0.7	Topsoil					12.8% passing # 200
		Silty SAND, light yellowish brown, SM					
	3.0	Clayey SAND, dark grayish brown, SC					30.7% passing # 200
	6.0	Clayey SAND, gray, SC					
	8.0	Silty clayey SAND, brown, SC-SM					
	10.0	Boring terminated at 10 ft					

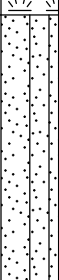
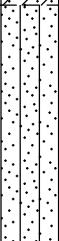
TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP- 7			
				Location: 33.857942°N, -79.174767°W			
				Offset: N/A			
Date Excavated: September 26, 2025			Supervisor: Josh Tucker			Ref:	
Casing Length: N/A			Ground Elevation:				
Excavation Method: Mini excavator							
Water Level: 9 ft							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
		Topsoil					
	0.8	Clayey SAND, very dark gray, SC					39.4% passing # 200
	5.0	Silty clayey SAND, very dark grayish brown, SC-SM					
	10.0	Boring terminated at 10 ft					

TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP- 8			
Date Excavated: September 26, 2025				Supervisor: Josh Tucker		Ref:	
Casing Length: N/A				Ground Elevation:			
Excavation Method: Mini excavator							
Water Level: 9 ft							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
	0.8	Topsoil					
		Poorly graded SAND with silt, gray, SP-SM					
	3.0	Silty SAND, gray, SM					
	7.0	Clayey SAND, gray, SC					
	8.0	Poorly graded SAND with silt, very light gray, SP-SM					
	10.0	Boring terminated at 10 ft					
							38.9% passing # 200

TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

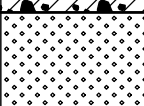
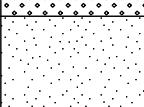
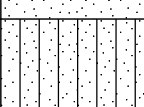
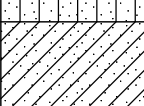
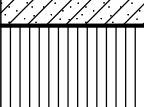
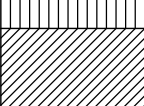
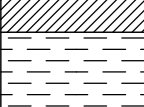
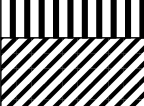
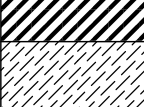
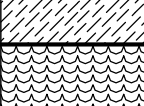
Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP- 9 Location: 33.857848°N, -79.179082°W Offset: N/A			
Date Excavated: September 26, 2025		Supervisor: Josh Tucker		Ref:			
Casing Length: N/A		Ground Elevation:					
Excavation Method: Mini excavator							
Water Level: Not encountered							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
	0.8	Topsoil					
		Poorly graded SAND with silt, gray, SP-SM					
	3.0	Clayey SAND, gray, SC					
	8.0	Silty SAND, light gray, SM					
	10.0	Boring terminated at 10 ft					19.9% passing # 200

TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

Todd Property Horry County, SC TP-DT02-G1M				LOG OF TEST PIT No. TP-10			
				Location: 33.857903°N, -79.181560°W			
				Offset: N/A			
Date Excavated: September 26, 2025			Supervisor: Josh Tucker			Ref:	
Casing Length: N/A			Ground Elevation:				
Excavation Method: Mini excavator							
Water Level: Not encountered							
Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample Type	P.I.D.	COMMENTS
		Topsoil					
	0.8	Clayey SAND, dark grayish brown, SC					
	2.0	Clayey SAND, gray, SC					46.6% passing # 200
	6.0	Silty clayey SAND, gray, SC-SM					
	8.0	Silty SAND, light gray, SM					14.3% passing # 200
	10.0	Boring terminated at 10 ft					

TESTPIT DANIEL TODD PROPERTY.GPJ 10/17/25

SOIL CLASSIFICATION CHART

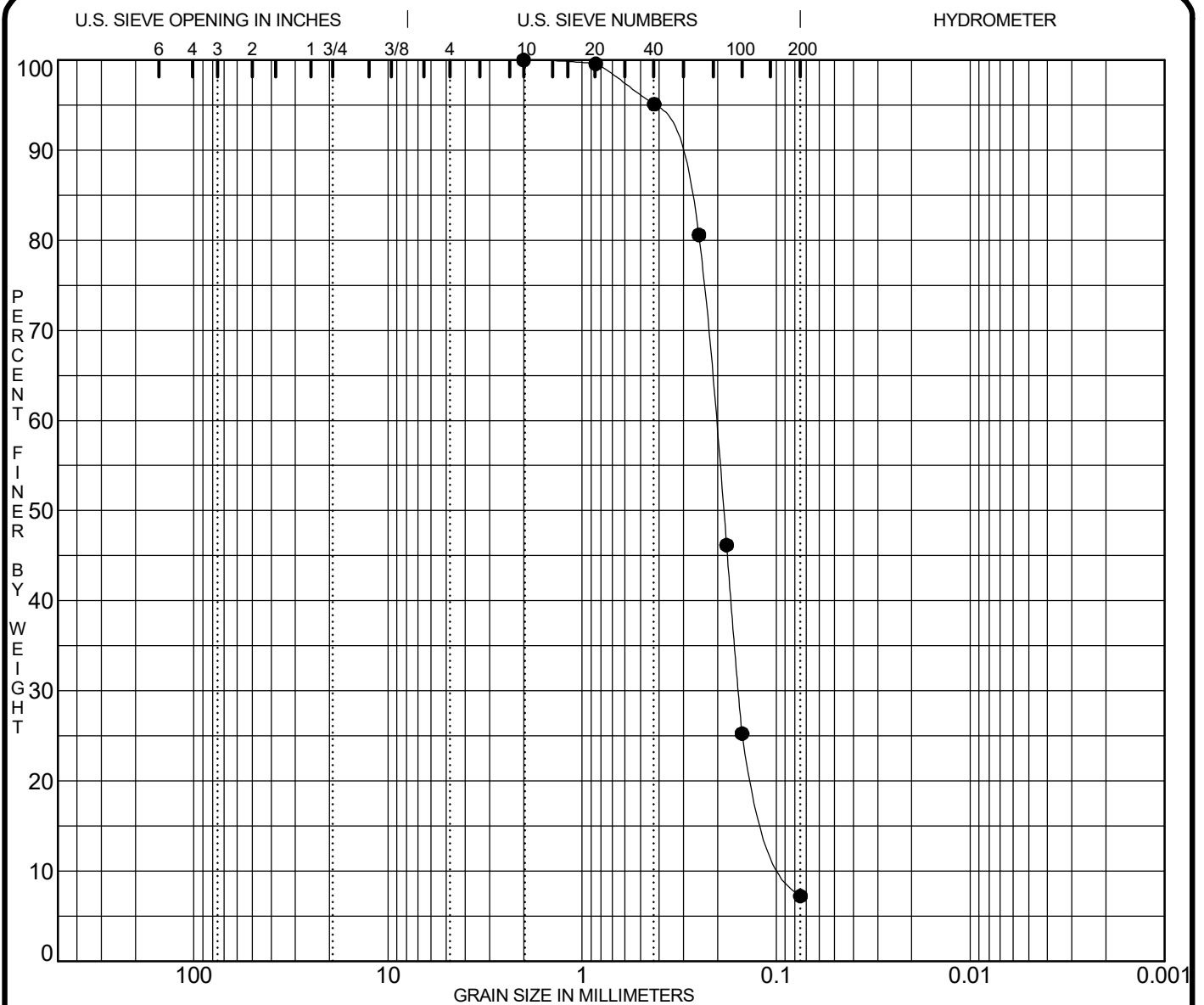
MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50			ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50			MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

USCS LEGEND 01/03/11

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

APPENDIX III

Laboratory Analysis



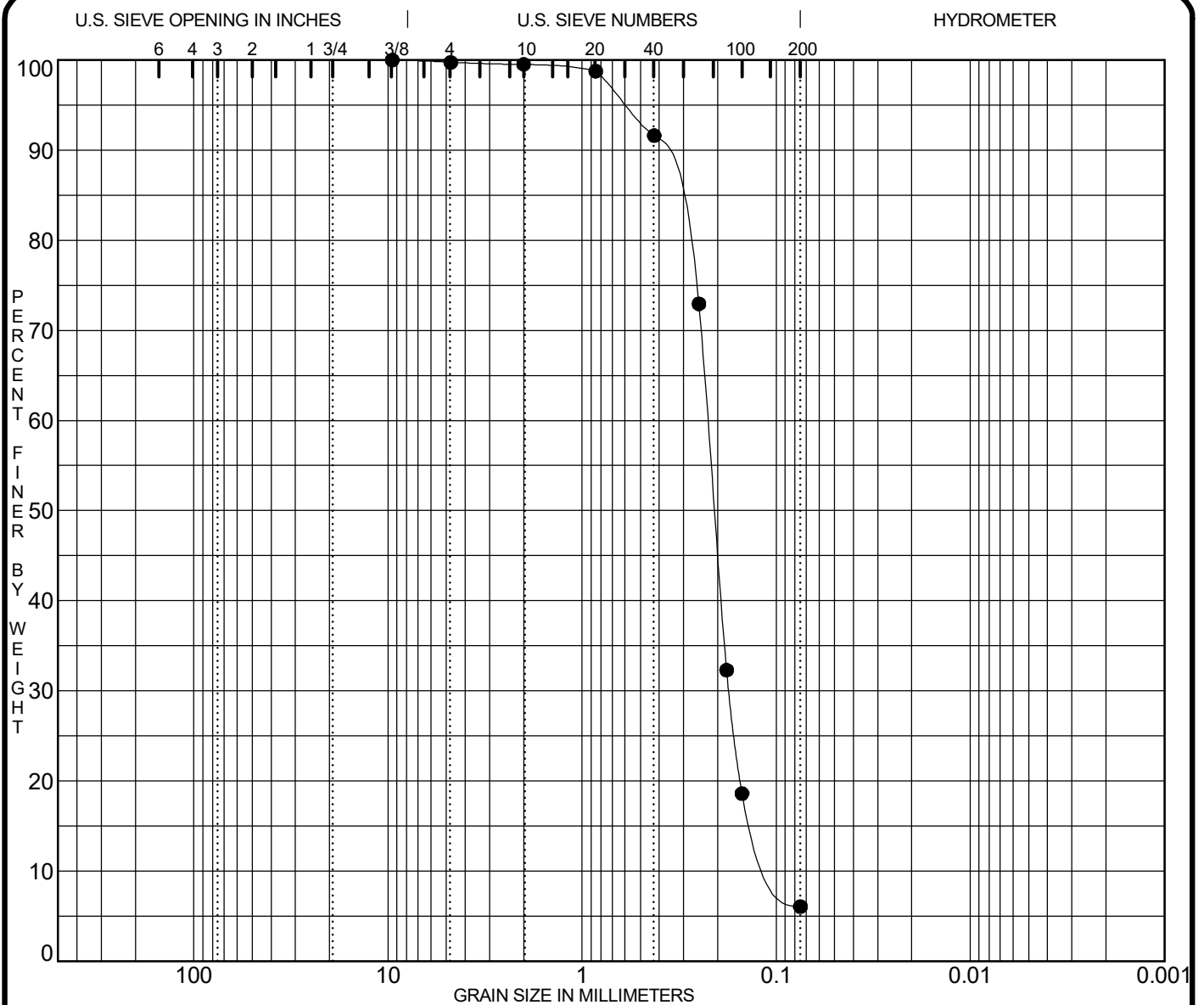
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 1 9.0	Very dark grayish brown poorly graded SAND with silt, SP-SM					19.1	NP	NP	NP	1.43	2.5

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 1 9.0	2.00	0.21	0.156	0.0835	0.0	92.8	7.2	

PROJECT **Todd Property - Horry County, SC**

JOB NO. **TP-DT02-G1M**
DATE **10/17/25**



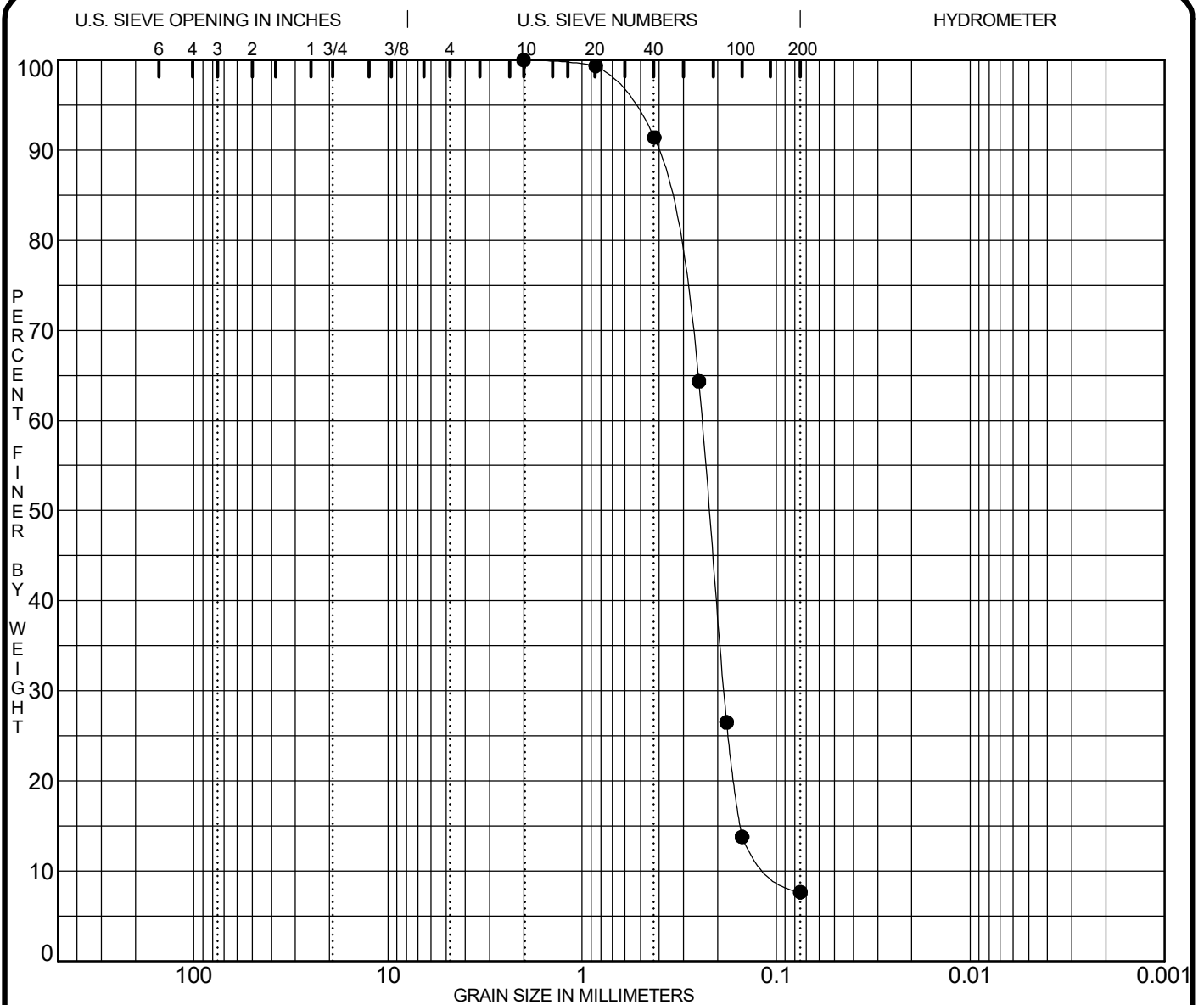
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 2 1.0	Pale brown poorly graded SAND with silt, SP-SM					2.6	NP	NP	NP	1.45	2.4

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 2 1.0	9.50	0.23	0.175	0.0933	0.3	93.7	6.0	

PROJECT **Todd Property - Horry County, SC**

JOB NO. **TP-DT02-G1M**
DATE **10/17/25**



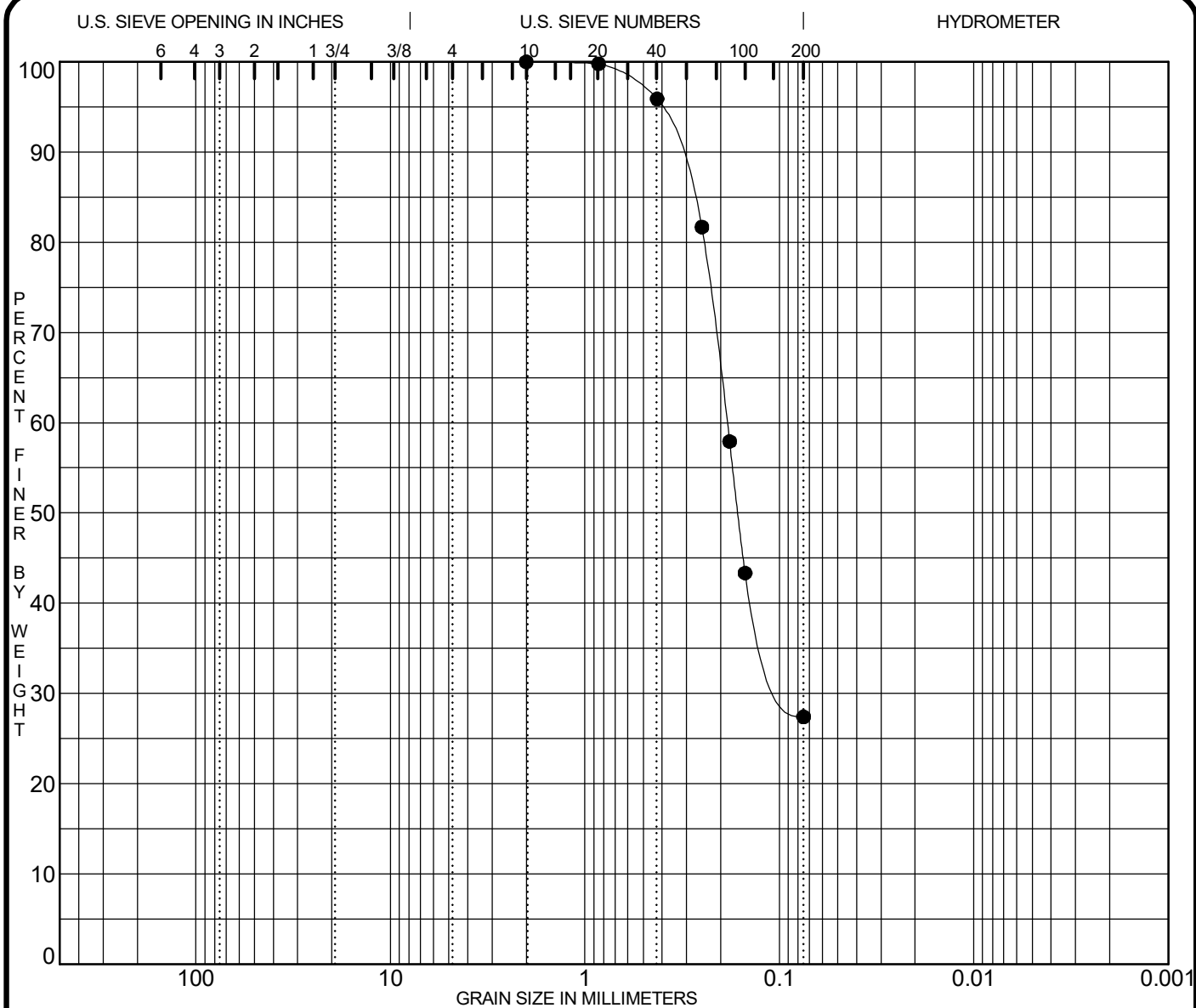
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification				MC%	LL	PL	PI	Cc	Cu
● TP- 2 6.0	Brown poorly graded SAND with silt, SP-SM				11.3	NP	NP	NP	1.46	2.5

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 2 6.0	2.00	0.24	0.186	0.0979	0.0	92.4	7.6	

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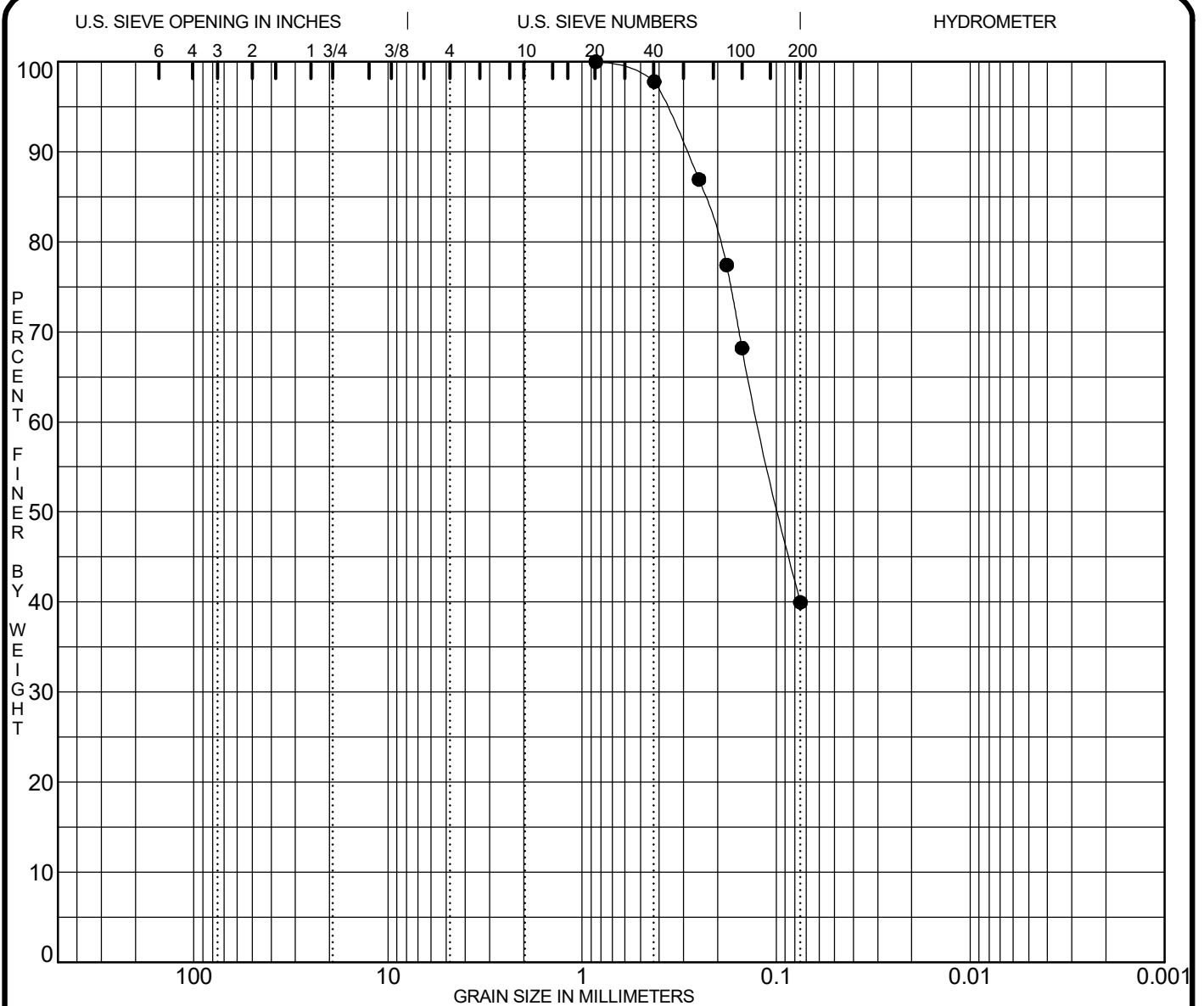
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 3 9.0	Gray silty clayey SAND, SC-SM					15.4	24	18	6		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 3 9.0	2.00	0.19	0.084		0.0	72.6	27.4	

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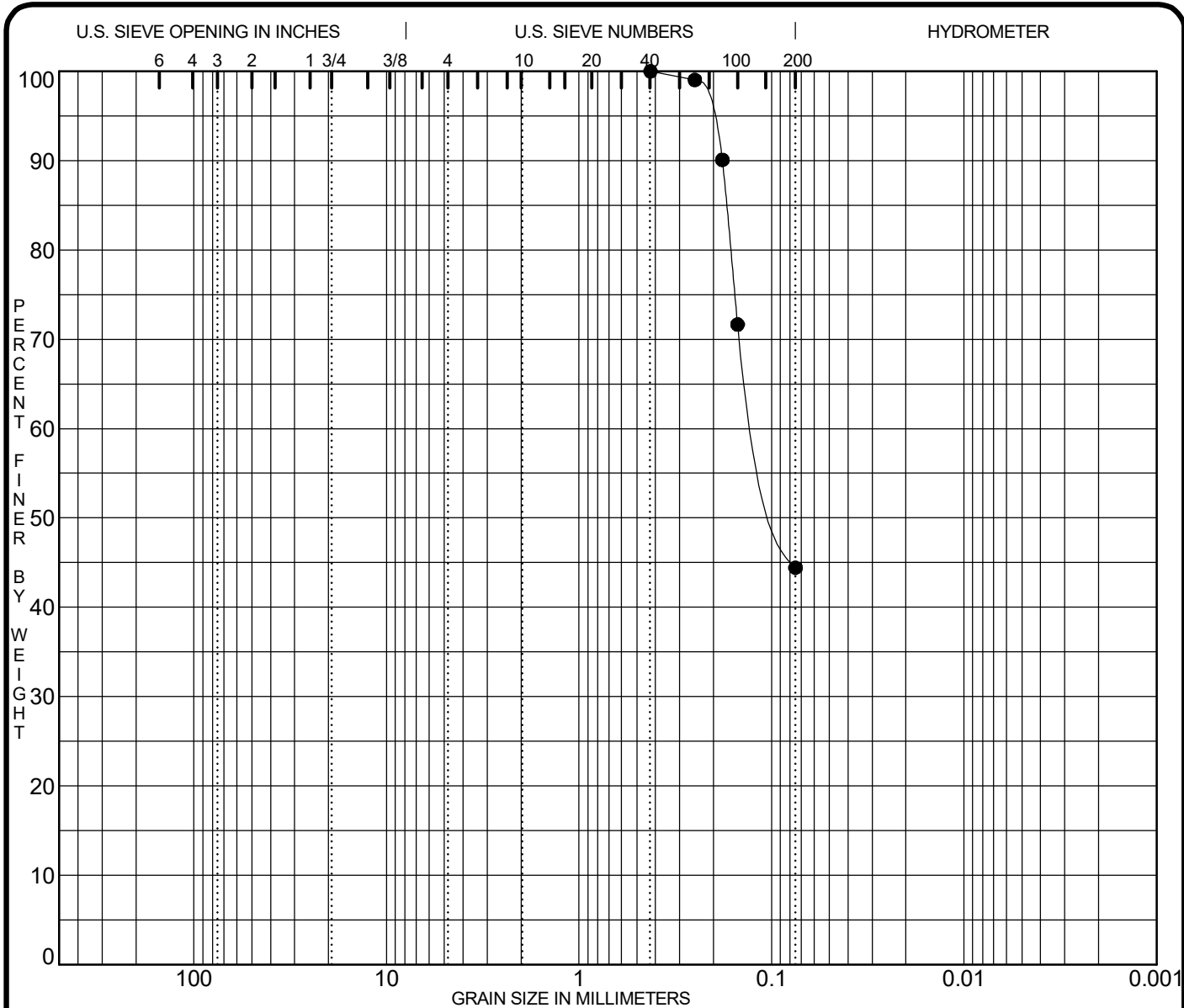
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 4 5.0	Yellowish brown clayey SAND, SC					20.5	36	22	14		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 4 5.0	0.85	0.12			0.0	60.0	40.0	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 4 9.0	Gray clayey SAND, SC					23.8	38	24	14		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 4 9.0	0.43	0.11			0.0	55.6	44.4	

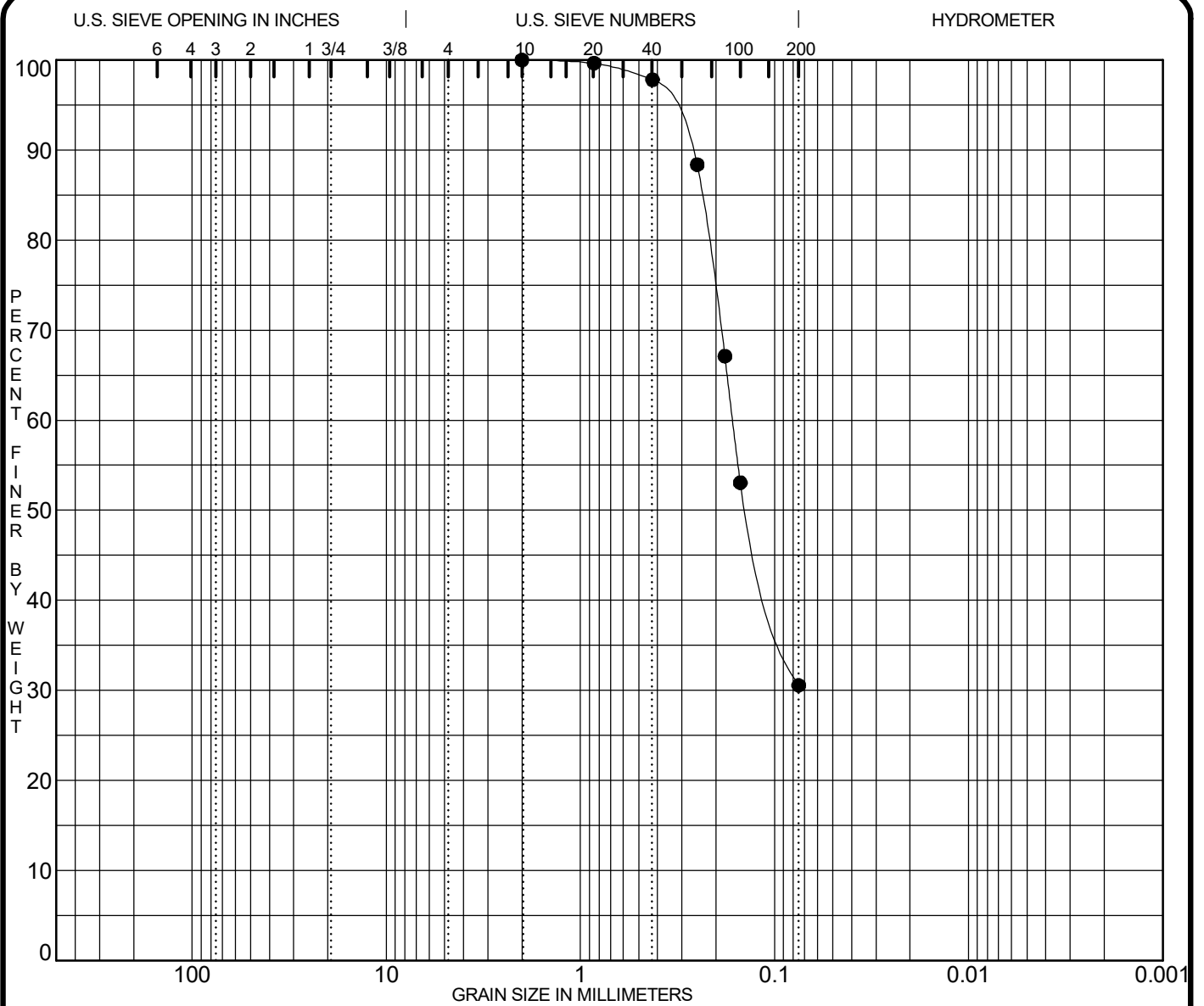
PROJECT **Todd Property - Horry County, SC**

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DATE **10/17/25**

2025 Highway 378
Conway, South Carolina 29527



Phone: (843) 438-8253
FAX: (843) 438-8255



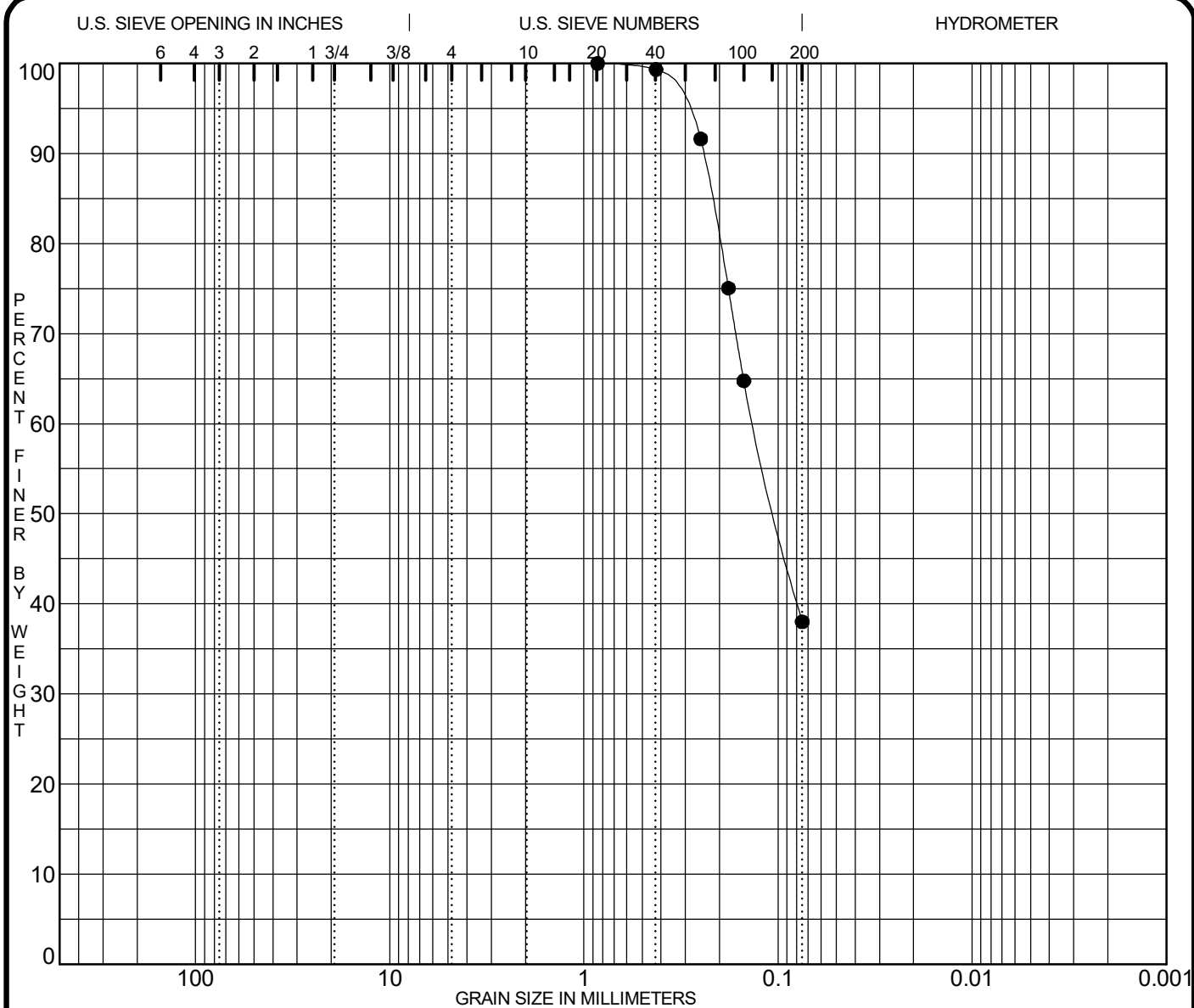
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 5 3.0	Yellowish brown silty clayey SAND, SC-SM					14.2	26	20	6		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 5 3.0	2.00	0.16			0.0	69.5	30.5	

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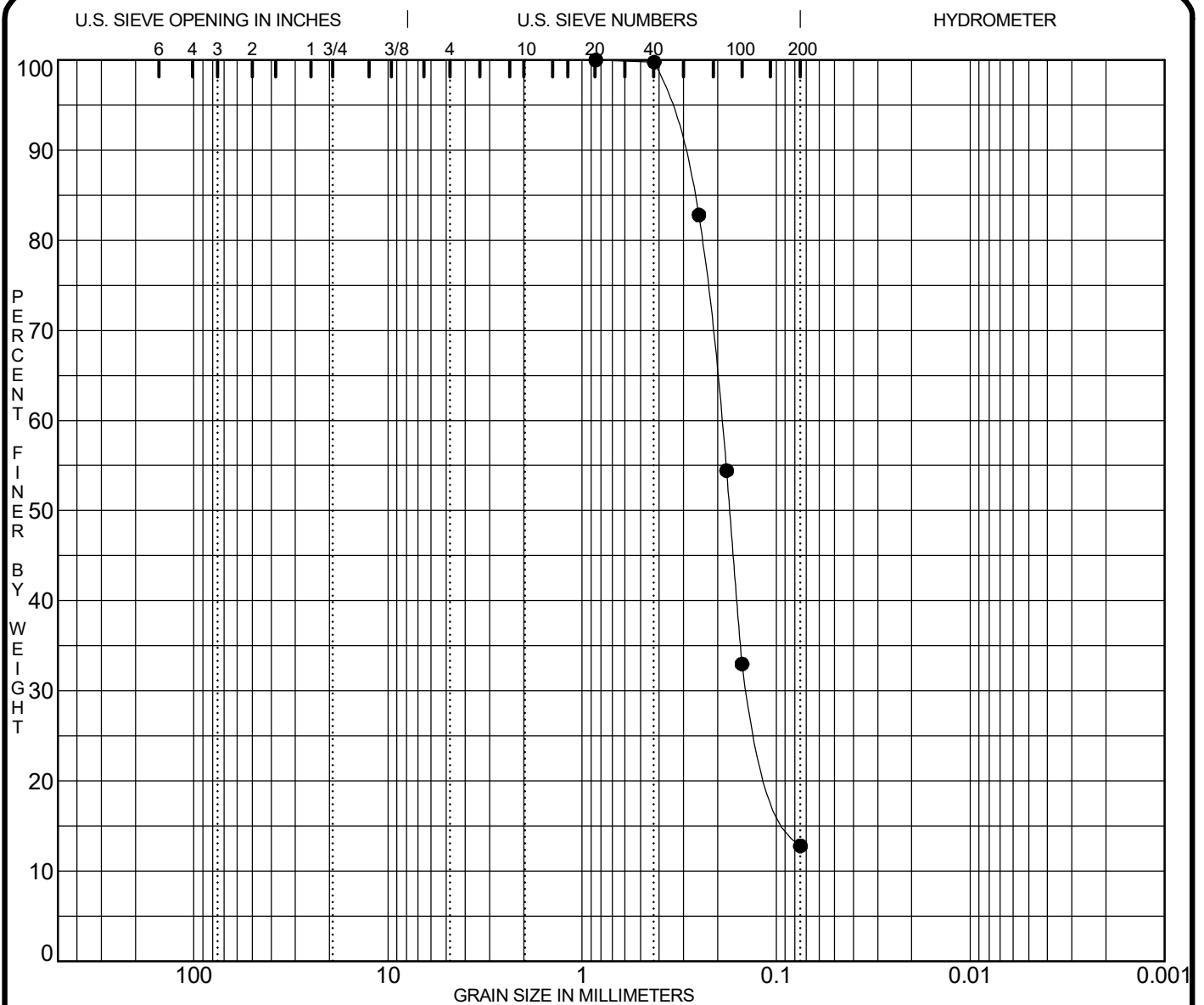
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 5 7.0	Gray clayey SAND, SC					20.1	33	22	11		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 5 7.0	0.85	0.13			0.0	62.0	38.0	

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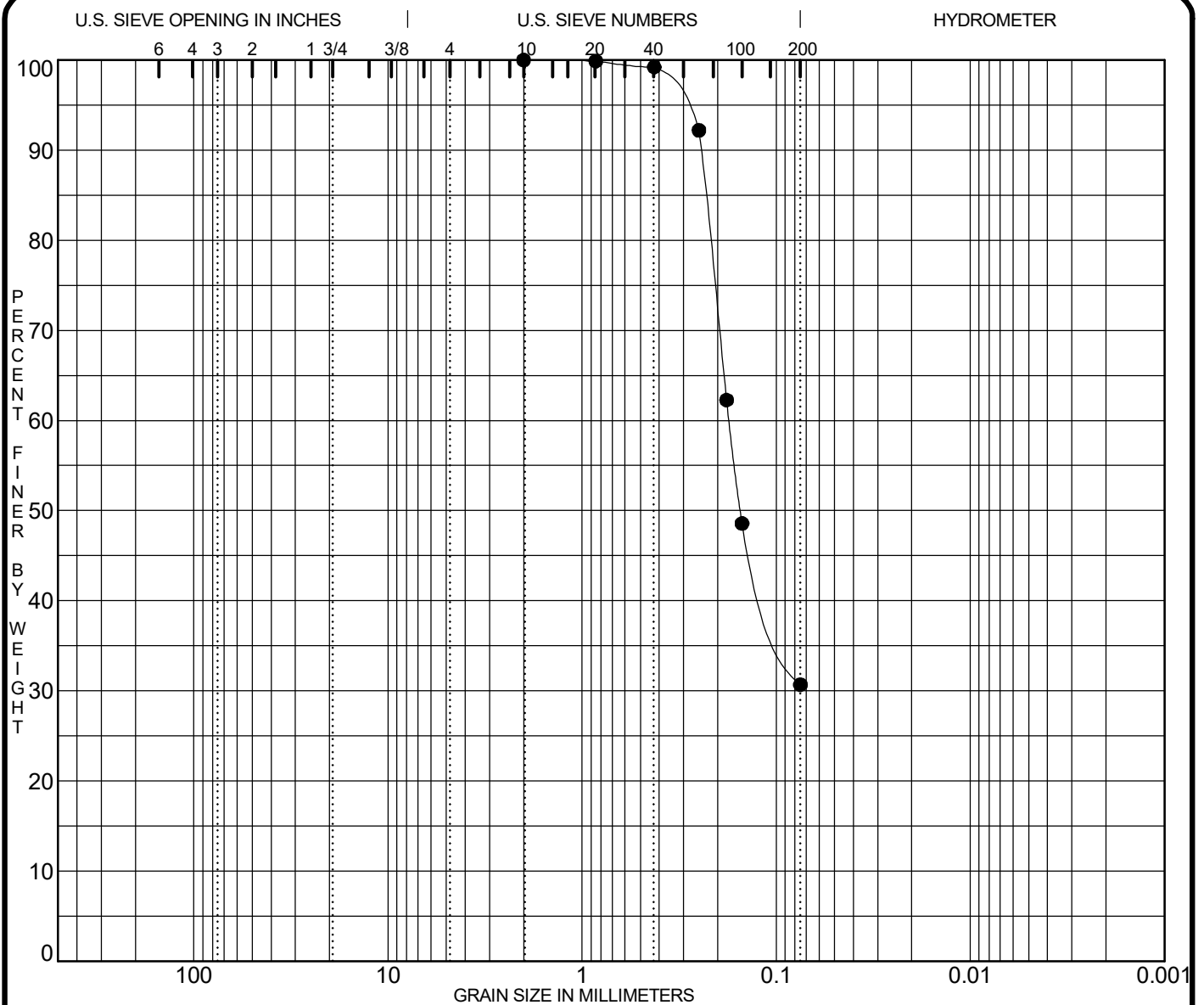
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 6 1.0	Light yellowish brown silty SAND, SM					5.5	NP	NP	NP		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 6 1.0	0.85	0.19	0.135		0.0	87.2	12.8	

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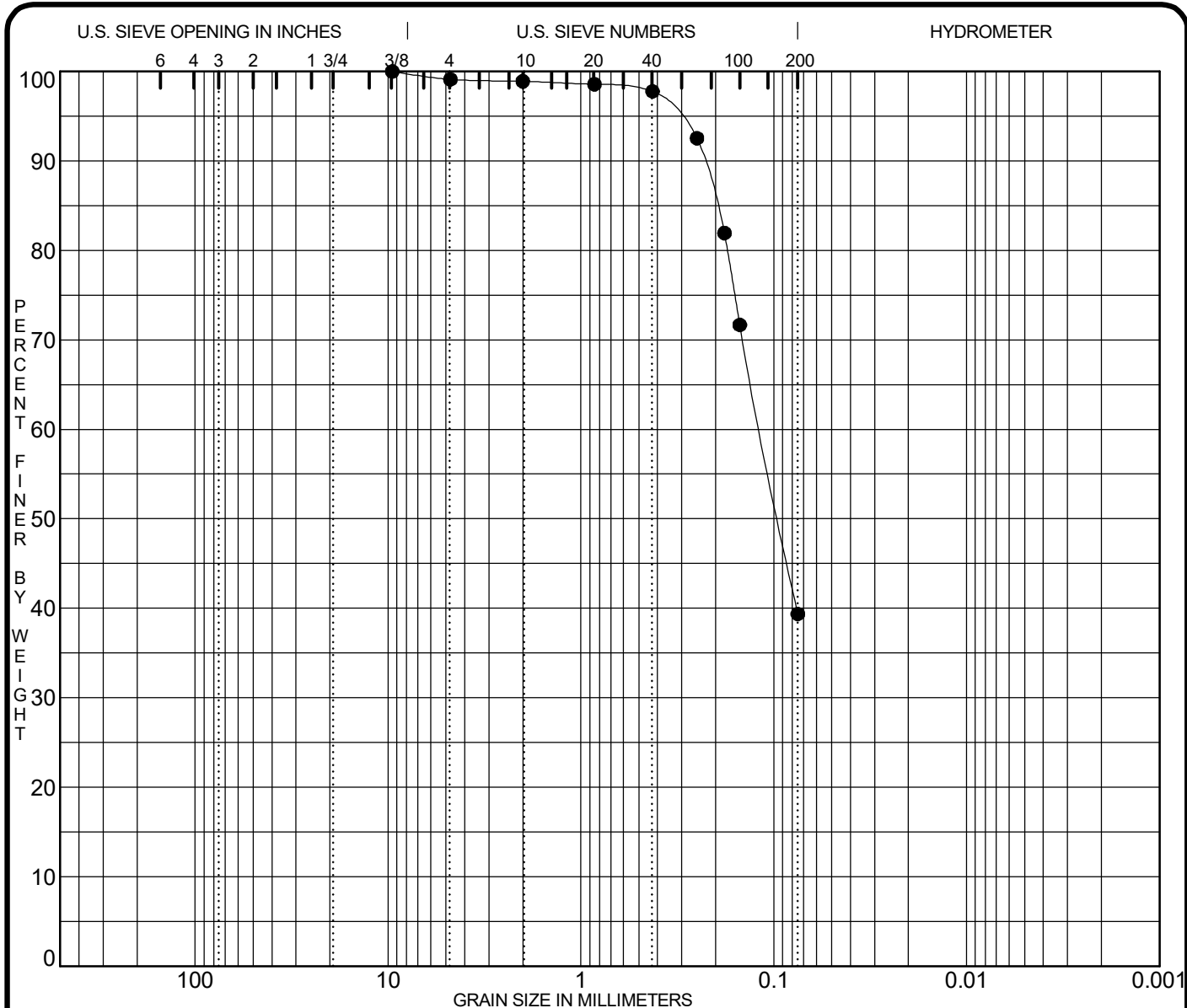
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 6 9.0	Brown silty clayey SAND, SC-SM					23.7	27	21	6		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 6 9.0	2.00	0.17			0.0	69.3	30.7	

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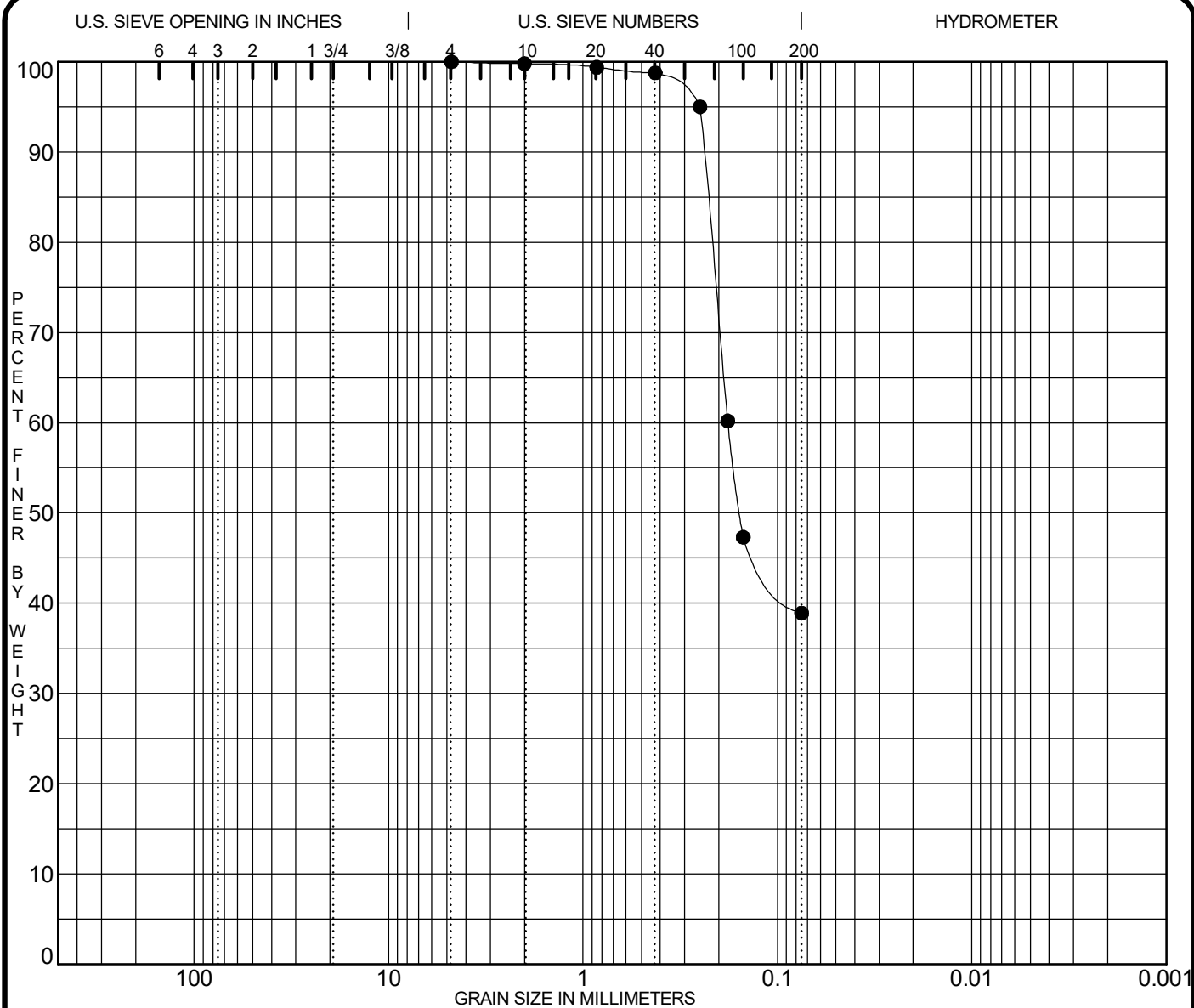
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 7 2.0	Very dark gray clayey SAND, SC					27.6	35	23	12		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 7 2.0	9.50	0.12			0.9	59.8	39.4	

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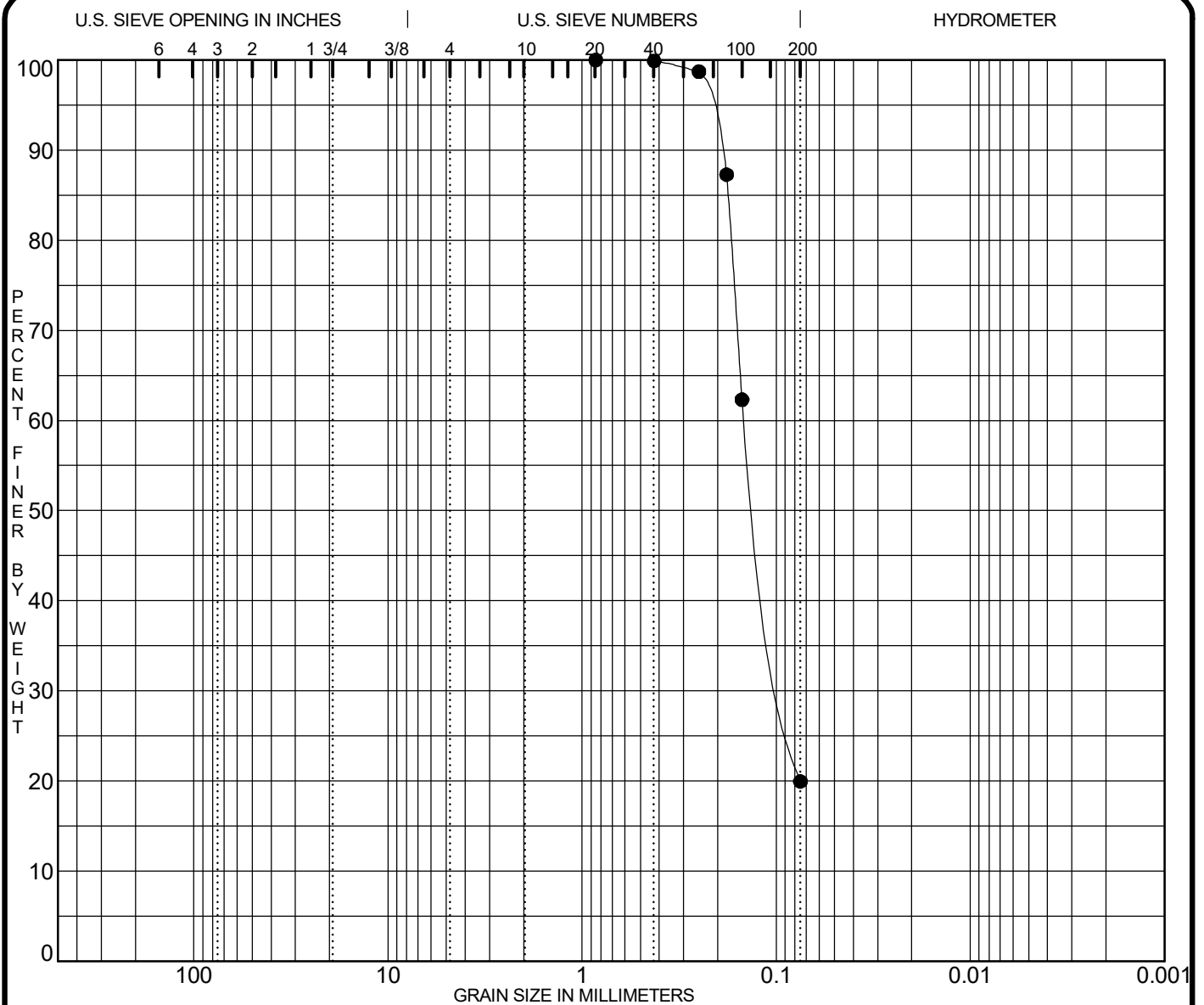
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP- 8 8.0	Gray clayey SAND, SC					42.1	36	23	13		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP- 8 8.0	4.75	0.18			0.0	61.1	38.9	

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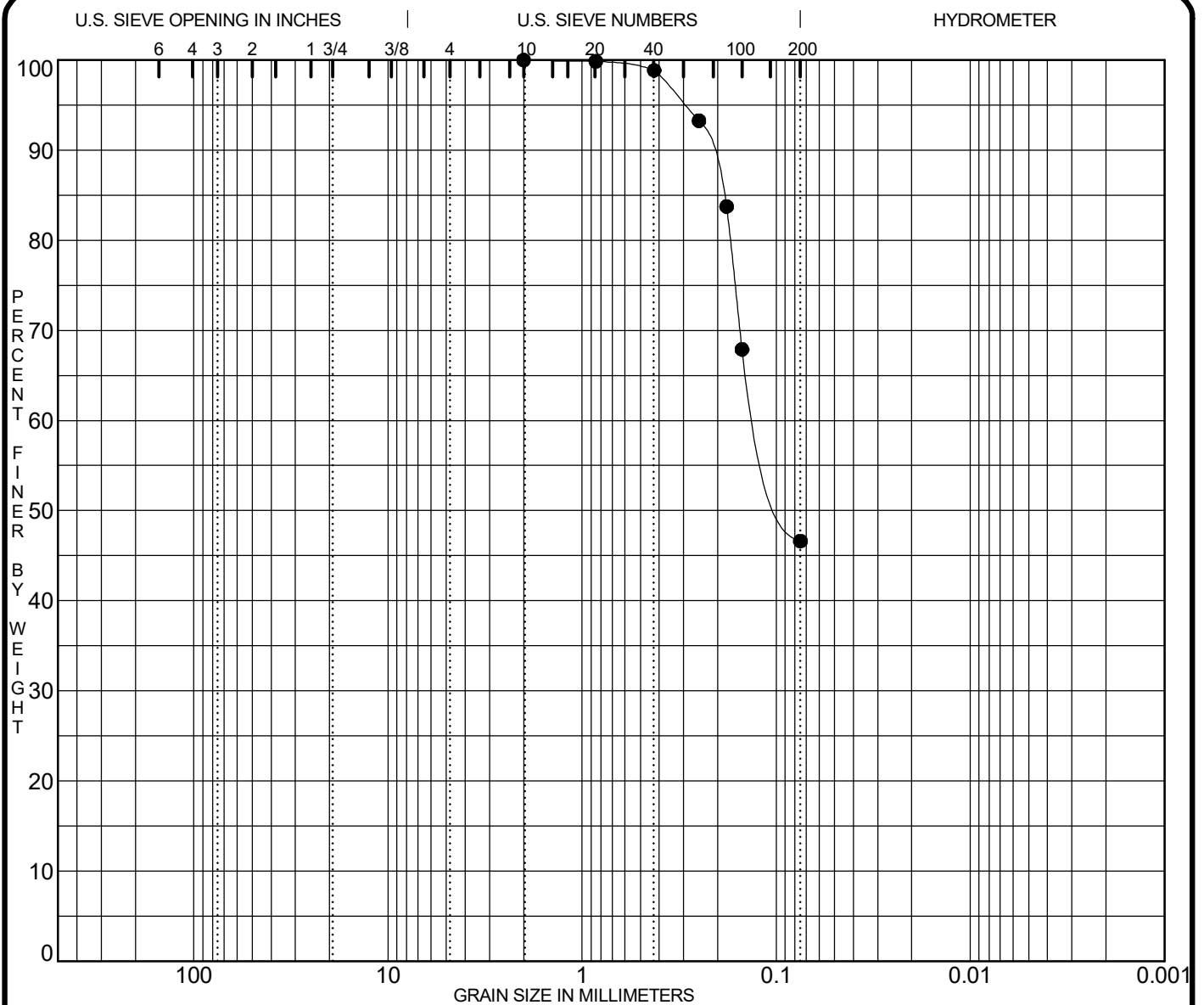
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP-9 9.0	Light gray silty SAND, SM					24.8	16	14	2		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP-9 9.0	0.85	0.14	0.088		0.0	80.1	19.9	

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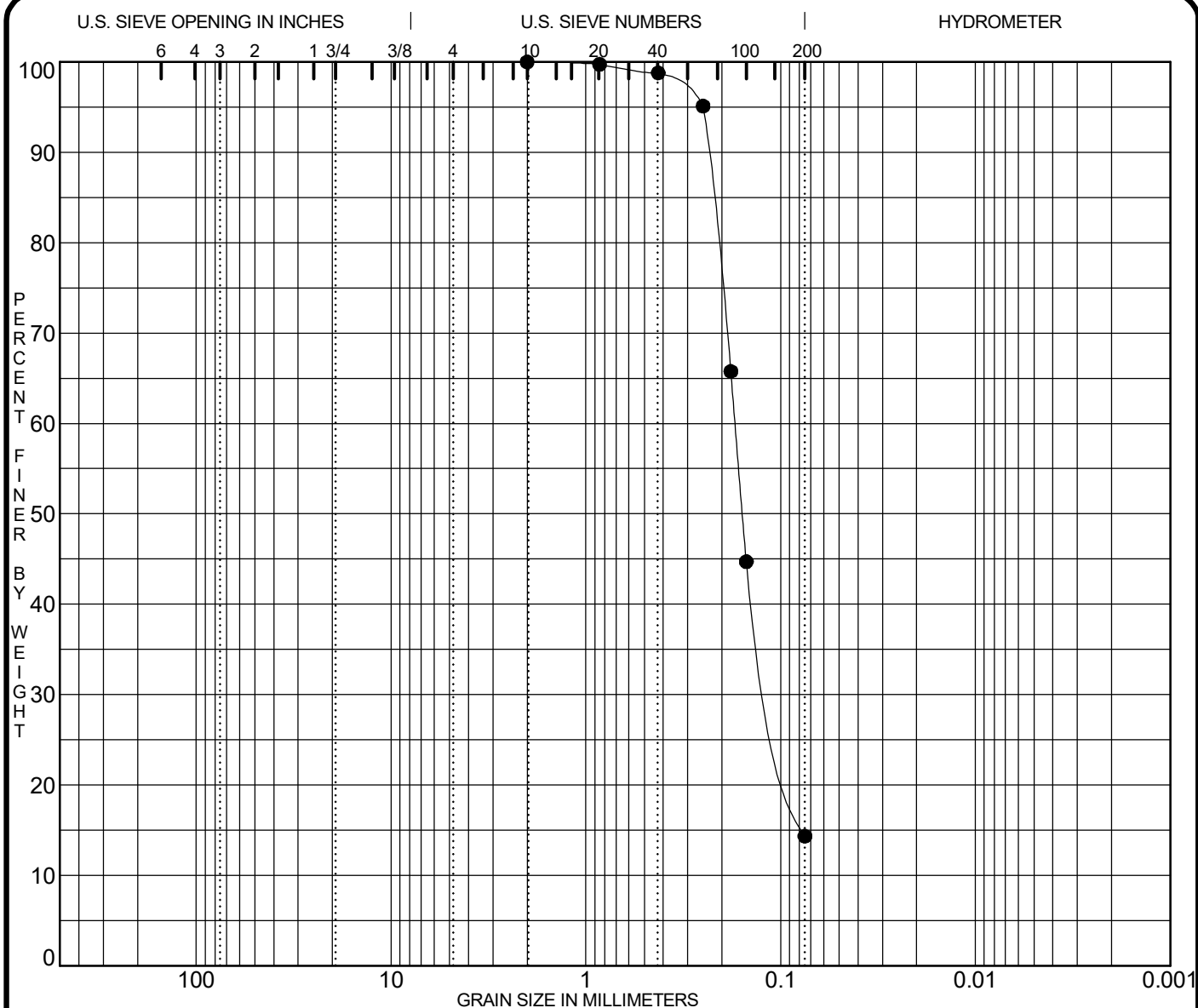
COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP-10 3.0	Gray clayey SAND, SC					18.0	42	23	19		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP-10 3.0	2.00	0.12			0.0	53.4	46.6	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

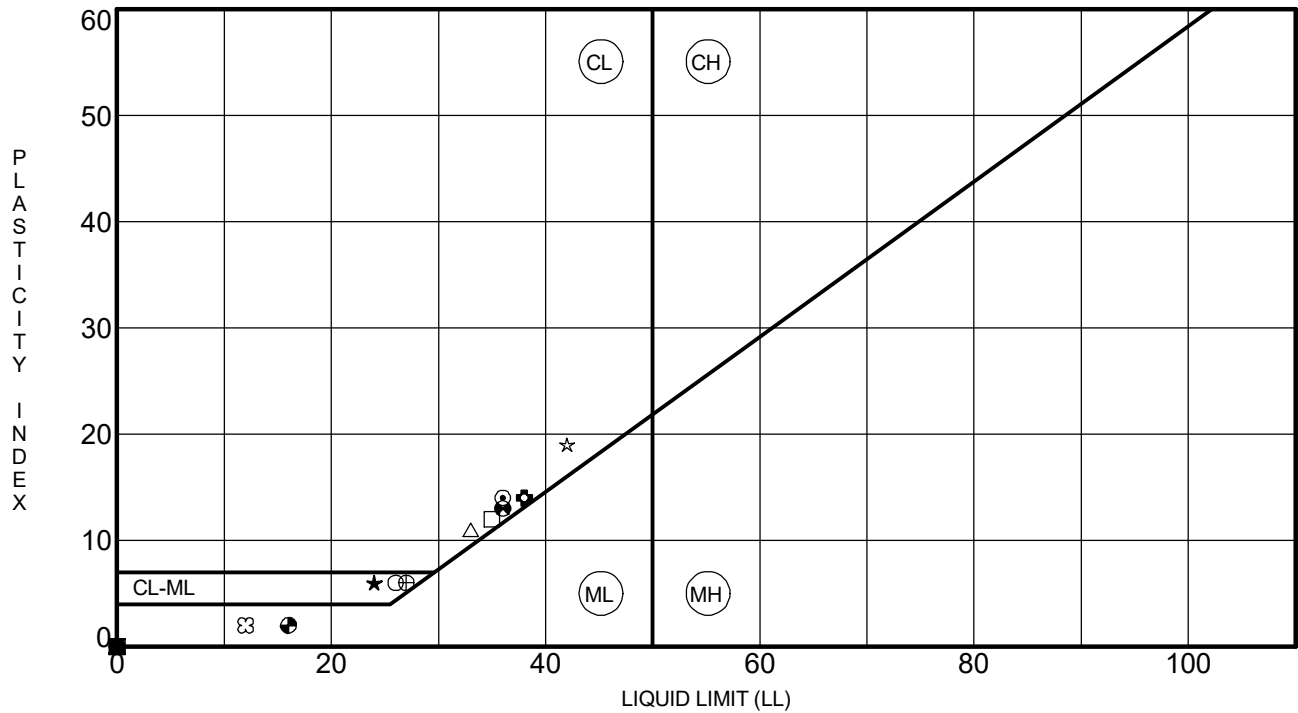
Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● TP-10 9.0	Light gray silty SAND, SM					24.0	12	10	2		

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● TP-10 9.0	2.00	0.17	0.107		0.0	85.7	14.3	

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ATTERBERG LIMITS RESULTS



Specimen Identification	LL	PL	PI	Fines	Classification
● TP- 1 9.0	NP	NP	NP	7.2	Very dark grayish brown poorly graded SAND with silt, SP-SM
⊗ TP- 2 1.0	NP	NP	NP	6.0	Pale brown poorly graded SAND with silt, SP-SM
▲ TP- 2 6.0	NP	NP	NP	7.6	Brown poorly graded SAND with silt, SP-SM
★ TP- 3 9.0	24	18	6	27.4	Gray silty clayey SAND, SC-SM
⊙ TP- 4 5.0	36	22	14	40.0	Yellowish brown clayey SAND, SC
⊕ TP- 4 9.0	38	24	14	44.4	Gray clayey SAND, SC
○ TP- 5 3.0	26	20	6	30.5	Yellowish brown silty clayey SAND, SC-SM
△ TP- 5 7.0	33	22	11	38.0	Gray clayey SAND, SC
⊗ TP- 6 1.0	NP	NP	NP	12.8	Light yellowish brown silty SAND, SM
⊕ TP- 6 9.0	27	21	6	30.7	Brown silty clayey SAND, SC-SM
□ TP- 7 2.0	35	23	12	39.4	Very dark gray clayey SAND, SC
⊕ TP- 8 8.0	36	23	13	38.9	Gray clayey SAND, SC
⊕ TP- 9 9.0	16	14	2	19.9	Light gray silty SAND, SM
★ TP-10 3.0	42	23	19	46.6	Gray clayey SAND, SC
⊗ TP-10 9.0	12	10	2	14.3	Light gray silty SAND, SM

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