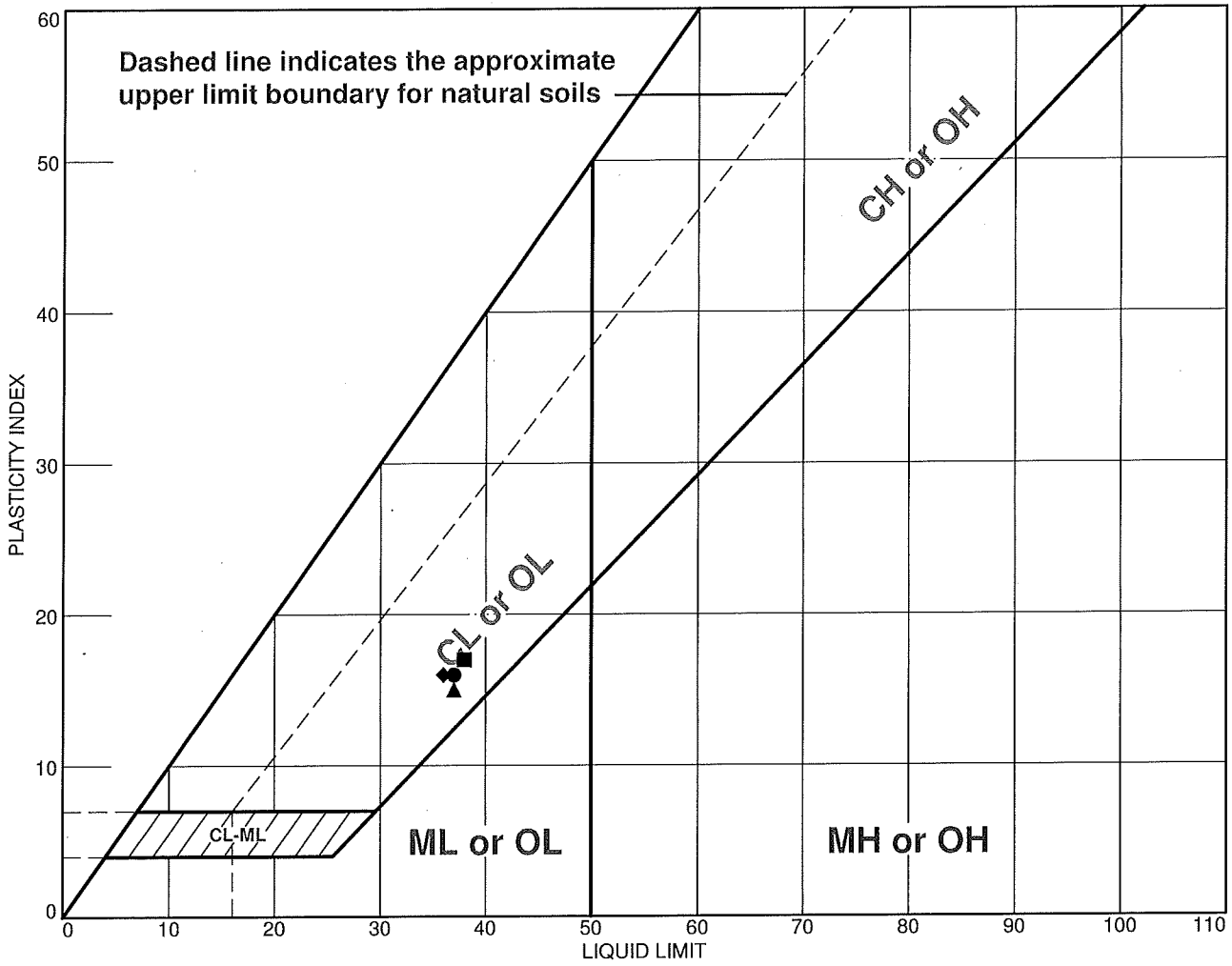
LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	37	21	16	97.2	90.4	CL
■	Lean clay	38	21	17	97.9	91.7	CL
▲	Lean clay	37	22	15	97.7	90.2	CL
◆	Lean clay	36	20	16	97.0	89.5	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source:** Lift 3 **Depth:** 382,500N/2,201,200E **Sample No.:** T-17
■ **Source:** Lift 3 **Depth:** 382,200N/2,201,000E **Sample No.:** T-18
▲ **Source:** Lift 3 **Depth:** 382,200N/2,201,000E **Sample No.:** T-19
◆ **Source:** Lift 3 **Depth:** 382,300N/2,200,900E **Sample No.:** T-20

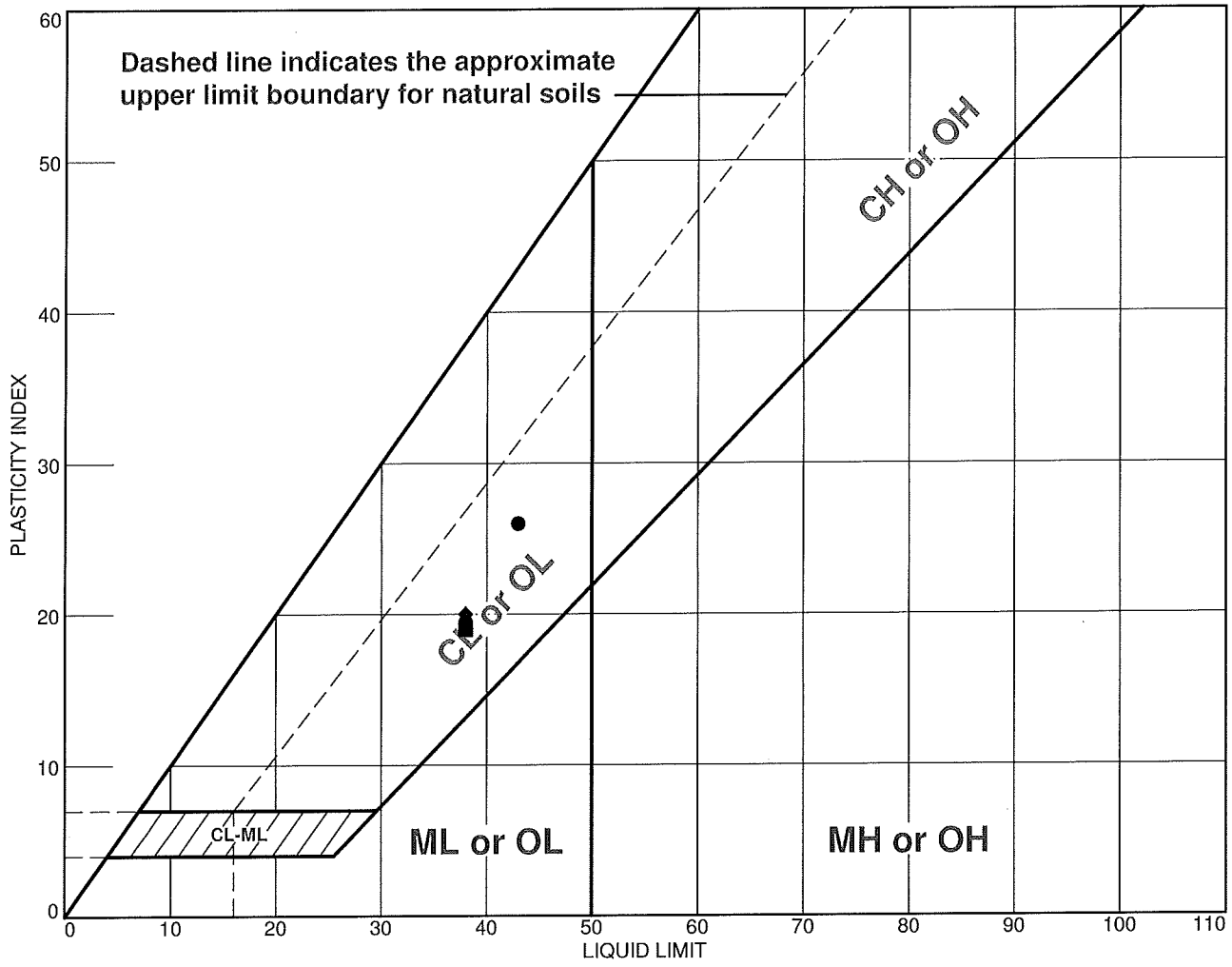
TRC Environmental Corp.

Madison, Wisconsin

Remarks:

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	43	17	26	97.3	90.4	CL
■	Lean clay	38	19	19	97.6	90.2	CL
▲	Lean clay	38	18	20	94.6	87.1	CL
◆	Lean clay	38	18	20	98.2	90.3	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

Remarks:

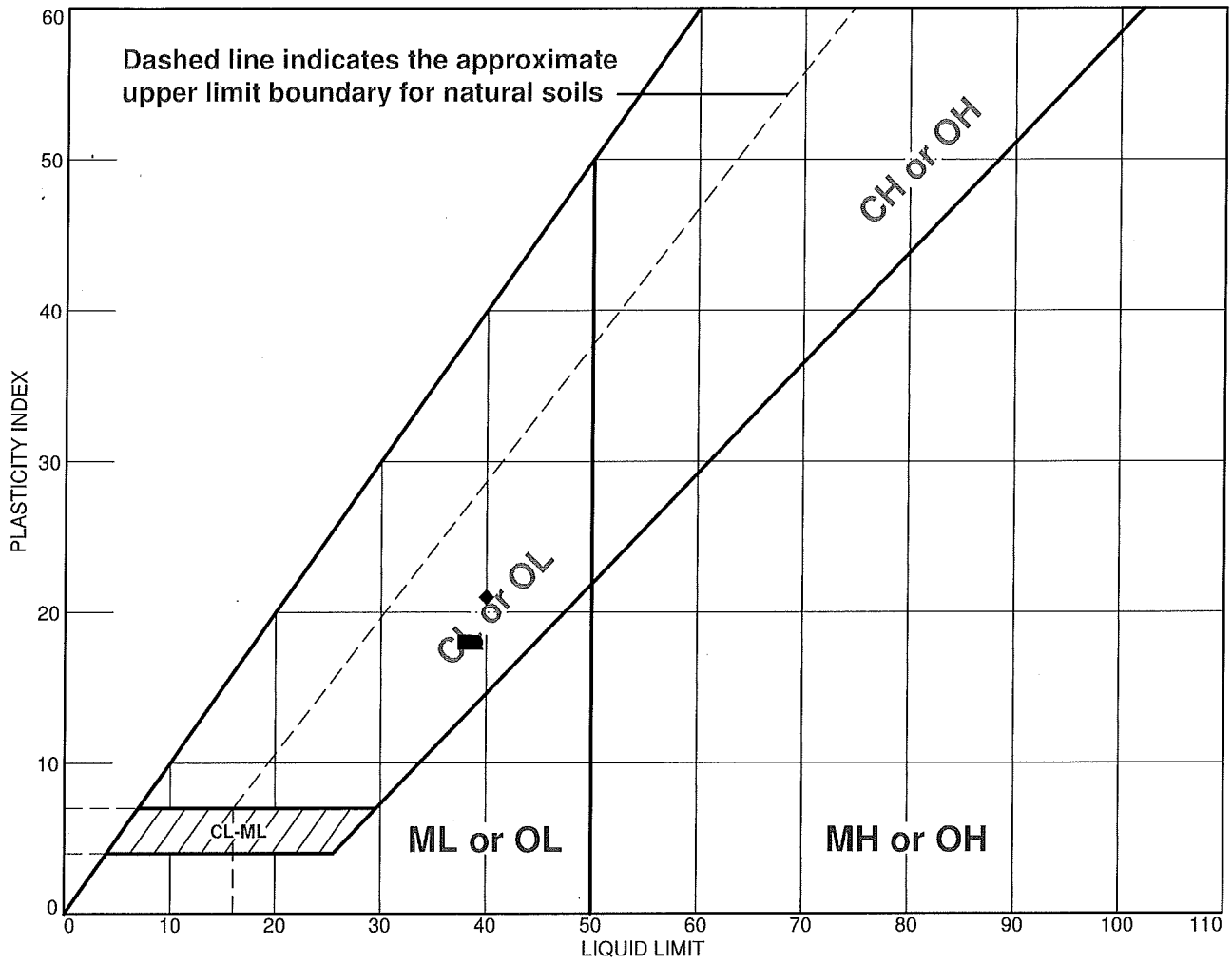
● **Source:** Lift 3 **Depth:** 382,500N/2,201,000E **Sample No.:** T-21
■ **Source:** Lift 3 **Depth:** 382,700N/2,200,900E **Sample No.:** T-22
▲ **Source:** Lift 3 **Depth:** 382,600N/2,201,100E **Sample No.:** T-23
◆ **Source:** Lift 3 **Depth:** 382,000N/2,201,100E **Sample No.:** T-24

TRC Environmental Corp.

Madison, Wisconsin

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	39	21	18	96.8	91.7	CL
■	Lean clay	38	20	18	97.5	90.8	CL
▲	Lean clay	39	21	18	95.0	88.3	CL
◆	Lean clay	40	19	21	97.6	91.9	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source:** Lift 4 **Depth:** 382,450N/2,200,950E **Sample No.:** T-25
■ **Source:** Lift 4 **Depth:** 382,550N/2,200,850E **Sample No.:** T-26
▲ **Source:** Lift 4 **Depth:** 382,250N/2,200,850E **Sample No.:** T-27
◆ **Source:** Lift 4 **Depth:** 382,750N/2,200,950E **Sample No.:** T-28

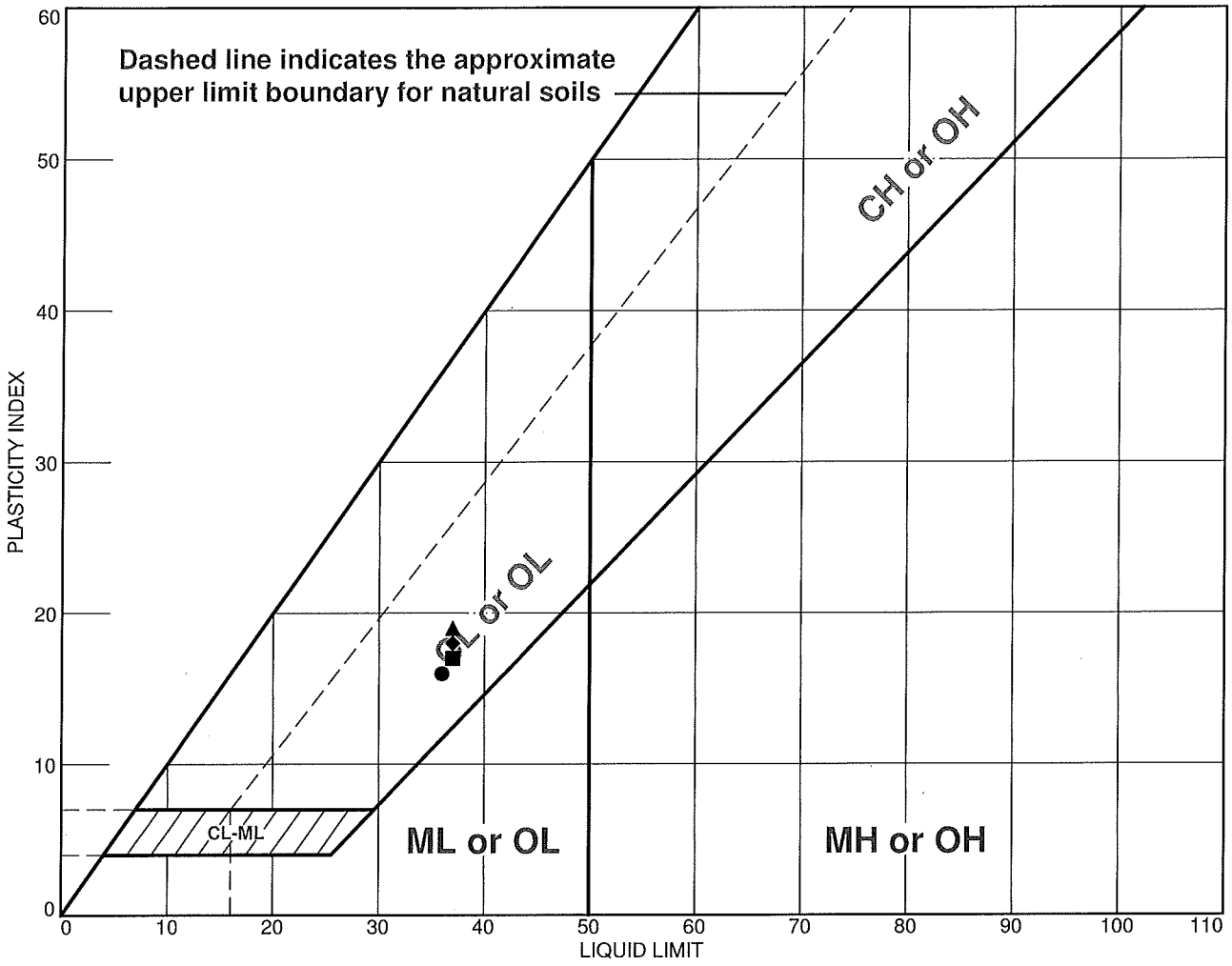
Remarks:

TRC Environmental Corp.

Madison, Wisconsin

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	36	20	16	95.0	87.4	CL
■	Lean clay	37	20	17	95.1	89.7	CL
▲	Lean clay	37	18	19	94.2	86.1	CL
◆	Lean clay	37	19	18	97.0	89.3	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source:** Lift 4 **Depth:** 382,750N/2,201,150E **Sample No.:** T-29
■ **Source:** Lift 4 **Depth:** 382,250N/2,201,150E **Sample No.:** T-30
▲ **Source:** Lift 4 **Depth:** 382,550N/2,201,050E **Sample No.:** T-31
◆ **Source:** Lift 4 **Depth:** 382,150N/2,201,050E **Sample No.:** T-32

Remarks:

TRC Environmental Corp.

Madison, Wisconsin

Figure

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 1, T-1, 382,600N/2,201,000E	267.40	872.80	774.80	19.3	2.82	2.33	267.40	754.60	127.5	106.9
Lift 1, T-2, 382,500N/2,200,900E	267.80	1543.90	1310.60	22.4	2.85	6.02	267.80	1543.90	126.6	103.4
Lift 1, T-3, 382,100N/2,201,100E	257.30	579.40	536.50	15.4	2.83	1.63	257.30	579.40	119.7	103.7
Lift 1, T-4, 382,000N/2,200,900E	267.20	1549.00	1332.00	20.4	2.85	6.03	267.20	1549.00	126.9	105.5

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 1, T-5, 382,700N/2,201,100E	266.16	1588.70	1374.50	19.3	2.88	6.03	266.16	1588.70	128.7	107.9
Lift 1, T-6, 382,300N/2,201,100E	264.94	755.00	673.80	19.9	2.83	2.28	264.94	755.00	130.2	108.6
Lift 1, T-7, 382,800N/2,201,200E	270.08	989.80	859.20	22.2	2.87	3.42	270.08	989.80	123.9	101.4
Lift 1, T-8, 382,400N/2,201,200E	280.97	1190.60	1036.00	20.5	2.87	4.24	280.97	1190.60	126.5	105.0

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 2, T-9, 382,050N/2,200,950E	258.93	1225.10	1086.20	16.8	2.87	4.51	258.93	1225.10	126.2	108.0
Lift 2, T-10, 382,250N/2,200,850E	258.79	1544.90	1325.00	20.6	2.86	6.04	258.79	1544.90	126.3	104.7
Lift 2, T-11, 382,450N/2,200,950E	252.40	1183.50	1028.00	20.0	2.85	4.38	252.40	1183.50	126.9	105.7
Lift 2, T-12, 382,650N/2,200,850E	261.28	1055.10	937.20	17.4	2.85	2.71	0.00	592.60	130.6	111.2

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 2, T-13, 382,650N/2,201,050E	269.60	1587.30	1375.50	19.2	2.87	6.01	269.60	1587.30	129.1	108.4
Lift 2, T-14, 382,250N/2,201,050E	267.60	1204.50	1052.10	19.4	2.88	4.23	267.60	1204.50	130.0	108.8

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 2, T-15, 382,150N/2,201,150E	248.13	866.60	761.80	20.4	2.87	3.07	0.00	662.30	127.0	105.5
Lift 2, T-16, 382,750N/2,201,150E	250.32	1310.90	1132.40	20.2	2.87	9.38	0.00	2031.80	127.6	106.1

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JNH

QA: JNH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 4, B-10	252.30	992.80	848.00	24.3						
Lift 3, T-17	264.80	1148.40	998.20	20.5	2.87	4.08	264.80	1148.40	127.5	105.9
Lift 3, T-18	264.82	757.10	680.80	18.3	2.87	2.35	264.82	757.10	123.8	104.6
Lift 3, T-19	264.80	1134.30	999.10	18.4	2.87	3.99	264.80	1134.30	128.3	108.4
Lift 3, T-20	267.40	1285.60	1115.70	20.0	2.87	4.62	267.40	1285.60	129.8	108.1
Lift 3, T-21	271.30	1075.60	938.30	20.6	2.87	3.67	271.30	1075.60	129.1	107.0
Lift 3, T-22	266.70	959.60	843.50	20.1	2.86	3.17	266.70	959.60	129.6	107.9
Lift 3, T-23	253.40	1027.60	898.10	20.1	2.86	3.55	253.40	1027.60	129.3	107.7
Lift 3, T-24	267.20	770.70	685.20	20.5	2.86	2.31	267.20	770.70	129.3	107.3

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 4, T-25, 382,450N/2,200,950E	291.08	1144.60	996.10	21.1	2.87	3.88	291.08	1144.60	129.5	107.0
Lift 4, T-26, 382,550N/2,200,850E	246.88	1036.60	893.60	22.1	2.86	3.62	246.88	1036.60	129.4	105.9
Lift 4, T-27, 382,250N/2,200,850E	246.00	933.10	820.50	19.6	2.86	3.20	246.00	933.10	127.3	106.5
Lift 4, T-28, 382,750N/2,200,950E	257.27	810.80	717.00	20.4	2.86	2.81	0.00	594.69	125.5	104.2

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

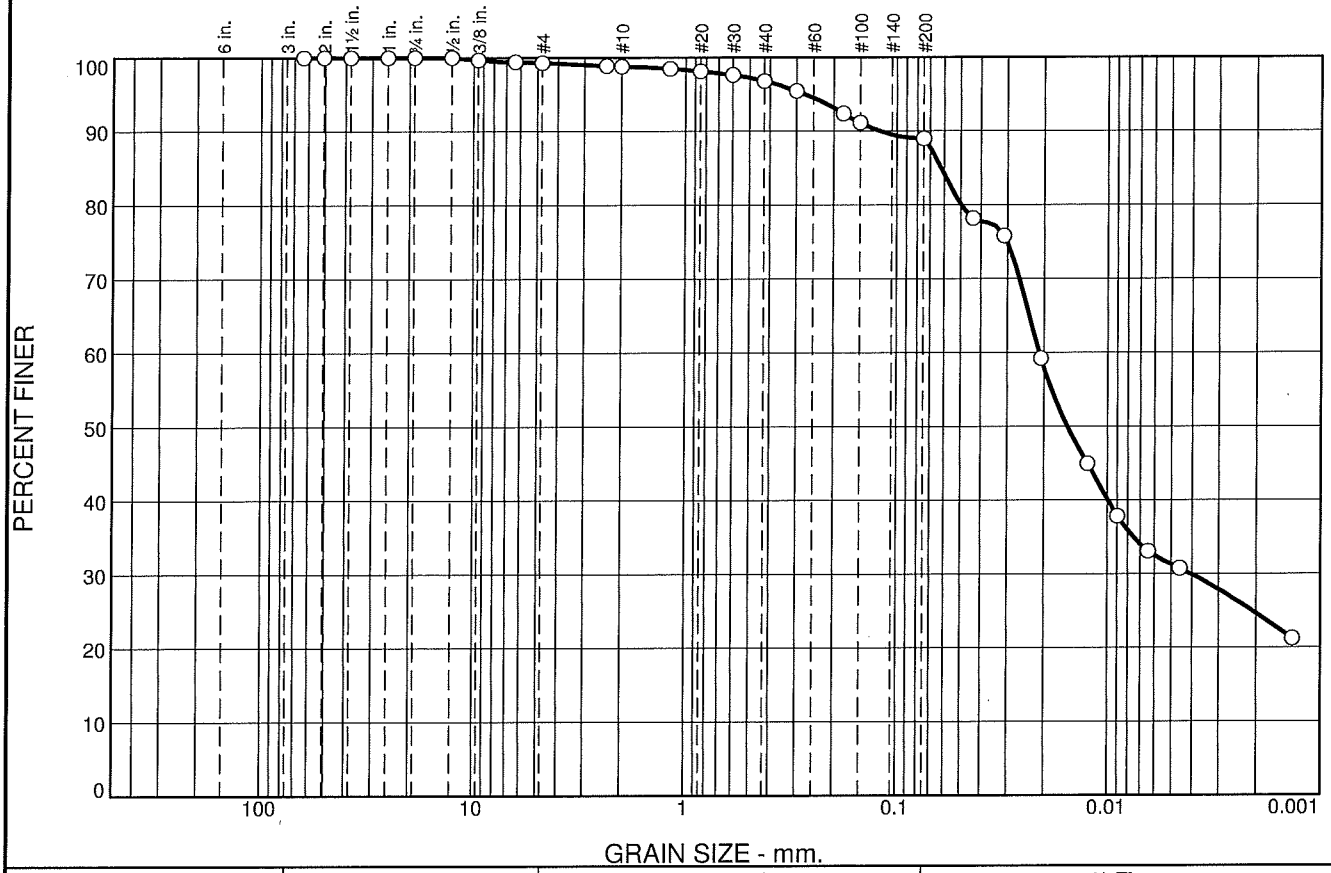
Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 4, T-29, 382,750N/2,201,150E	257.06	1176.60	1017.90	20.9	2.85	7.00	0.00	1525.50	130.1	107.7
Lift 4, T-30, 382,250N/2,201,150E	265.30	845.30	745.90	20.7	2.85	4.75	0.00	1022.80	128.6	106.6
Lift 4, T-31, 382,550N/2,201,050E	260.18	1272.20	1090.70	21.9	2.85	9.13	0.00	1989.80	130.2	106.9
Lift 4, T-32, 382,150N/2,201,050E	261.28	993.40	877.10	18.9	2.85	6.63	0.00	1415.20	127.6	107.3

CLAY LINER BULK SAMPLE LABORATORY TEST RESULTS

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.7	0.5	2.0	7.8	57.7	31.3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	100.0		
.375	99.7		
.25	99.4		
#4	99.3		
#8	98.9		
#10	98.8		
#16	98.5		
#20	98.1		
#30	97.6		
#40	96.8		
#50	95.4		
#80	92.4		
#100	91.1		
#200	89.0		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 22 LL= 37 PI= 15

Coefficients

D_{90}= 0.1207 D_{85}= 0.0620 D_{60}= 0.0211
D_{50}= 0.0155 D_{30}= 0.0041 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= CL AASHTO= A-6(14)

Remarks

Source of Sample: Clay Stockpile
Sample Number: Sample #1

Date: 06-19-14

TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report

% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	0.1	0.4	1.6	61.3	36.5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
.25	100.0		
#4	99.9		
#8	99.8		
#10	99.8		
#16	99.8		
#20	99.7		
#30	99.5		
#40	99.4		
#50	99.1		
#80	98.6		
#100	98.4		
#200	97.8		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 23 LL= 43 PI= 20

Coefficients

D_{90}= 0.0469 D_{85}= 0.0372 D_{60}= 0.0166
D_{50}= 0.0117 D_{30}= 0.0025 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= CL AASHTO= A-7-6(22)

Remarks

Source of Sample: Clay Stockpile
Sample Number: Sample #2

Date: 07-07-14

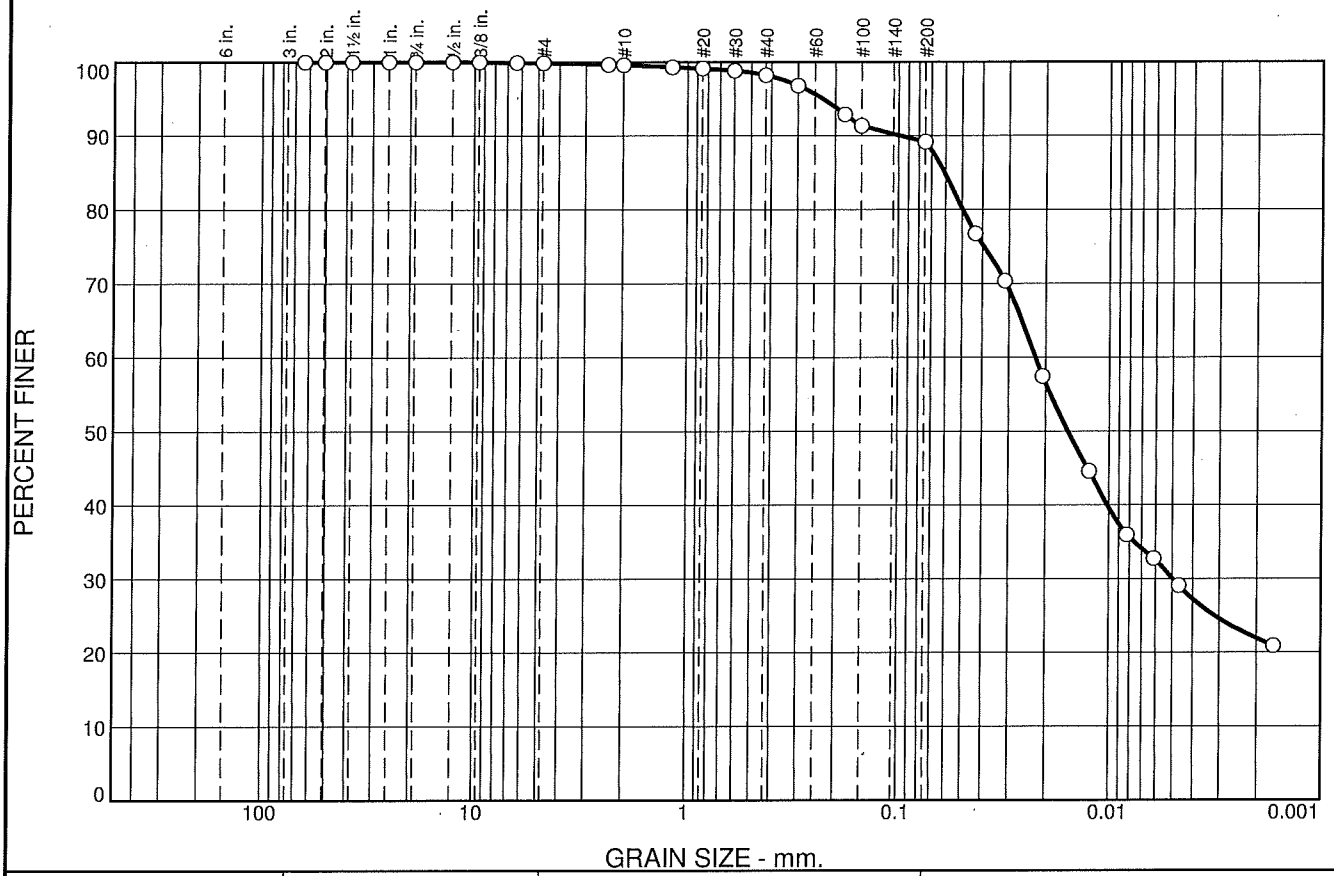
TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	0.3	1.4	9.0	59.1	30.1

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
.25	99.9		
#4	99.9		
#8	99.6		
#10	99.6		
#16	99.3		
#20	99.1		
#30	98.8		
#40	98.2		
#50	96.8		
#80	92.9		
#100	91.3		
#200	89.2		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 21 LL= 40 PI= 19

Coefficients

D_{90}= 0.0979 D_{85}= 0.0605 D_{60}= 0.0224
D_{50}= 0.0157 D_{30}= 0.0050 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= CL AASHTO= A-6(17)

Remarks

Source of Sample: Clay Stockpile
Sample Number: Sample #3

Date: 07-24-14

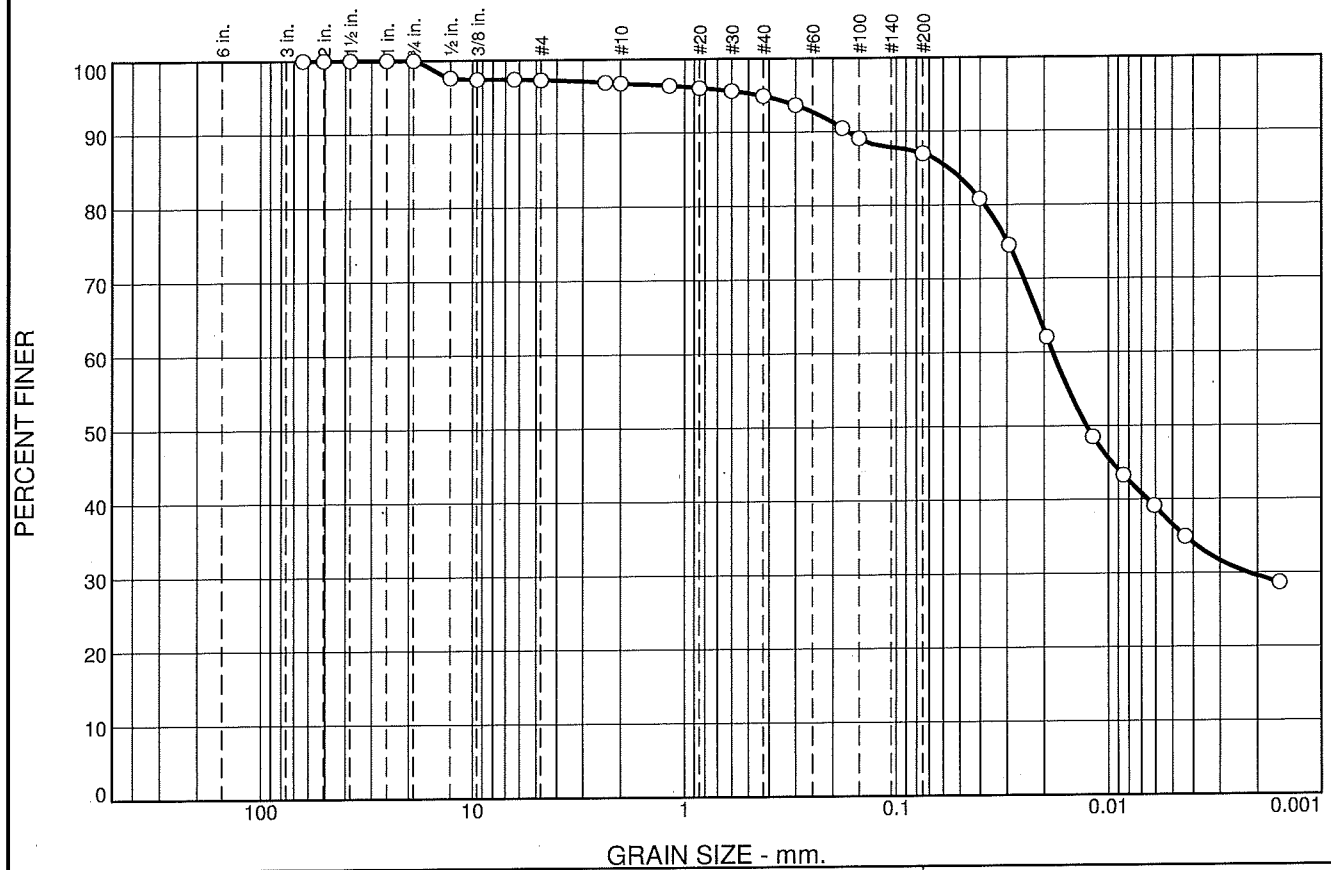
TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	2.7	0.5	1.9	7.9	50.4	36.6

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	97.6		
.375	97.4		
.25	97.4		
#4	97.3		
#8	96.9		
#10	96.8		
#16	96.4		
#20	96.1		
#30	95.6		
#40	94.9		
#50	93.7		
#80	90.5		
#100	89.1		
#200	87.0		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 18 LL= 40 PI= 22

Coefficients

D_{90}= 0.1691 D_{85}= 0.0562 D_{60}= 0.0182
D_{50}= 0.0127 D_{30}= 0.0022 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= CL AASHTO= A-6(19)

Remarks

Source of Sample: Lift 1 **Depth:** 382,100N/2,201,100E
Sample Number: B-1 **Date:** 08-15-14

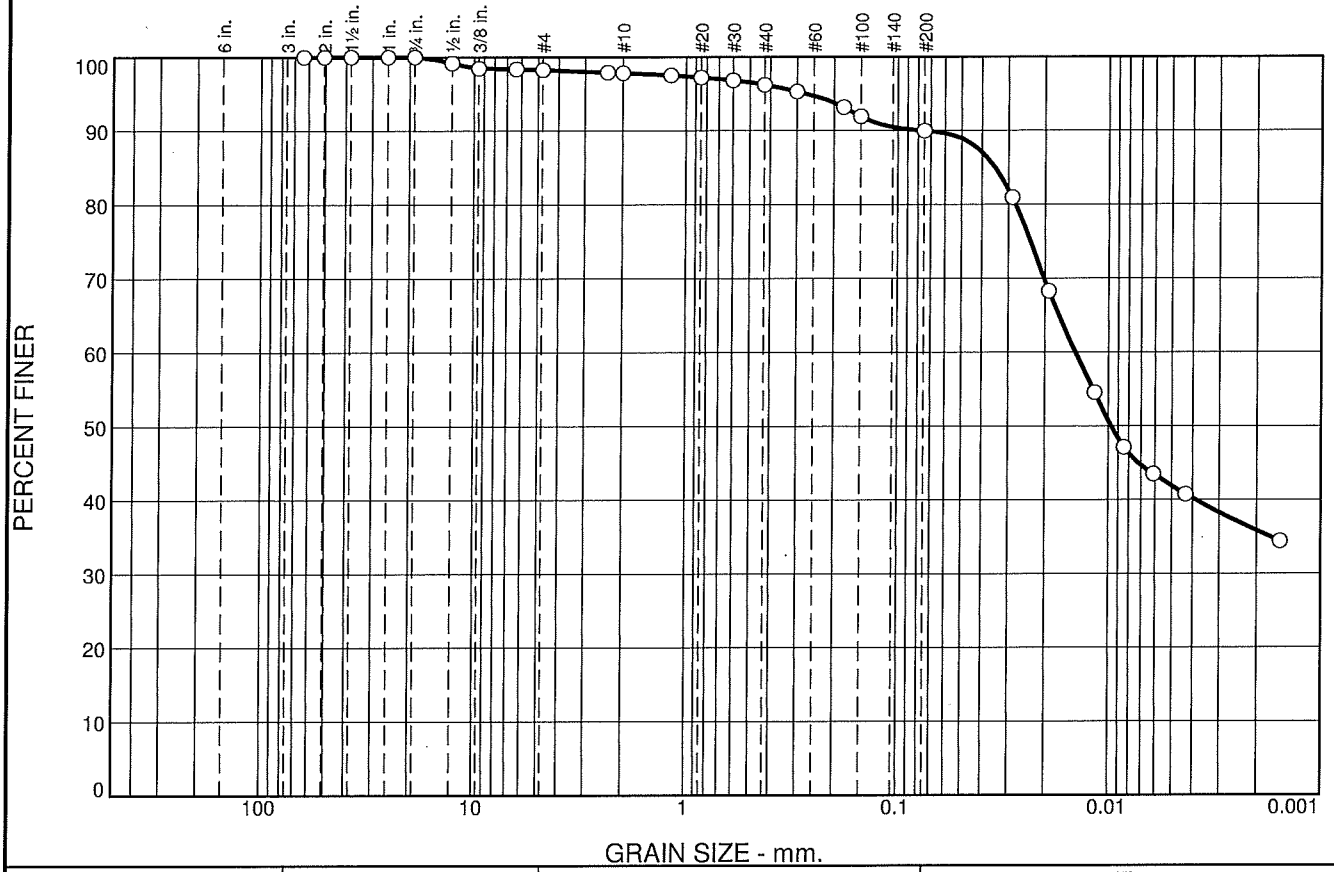
TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.7	0.5	1.6	6.2	48.1	41.9

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	99.2		
.375	98.5		
.25	98.4		
#4	98.3		
#8	97.9		
#10	97.8		
#16	97.5		
#20	97.2		
#30	96.8		
#40	96.2		
#50	95.3		
#80	93.2		
#100	91.9		
#200	90.0		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 18 LL= 40 PI= 22

Coefficients

D_{90}= 0.0772 D_{85}= 0.0347 D_{60}= 0.0144
D_{50}= 0.0097 D_{30}= D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= CL AASHTO= A-6(20)

Remarks

Source of Sample: Lift 1 **Depth:** 382,400N/2,201,000E
Sample Number: B-2 **Date:** 08-15-14

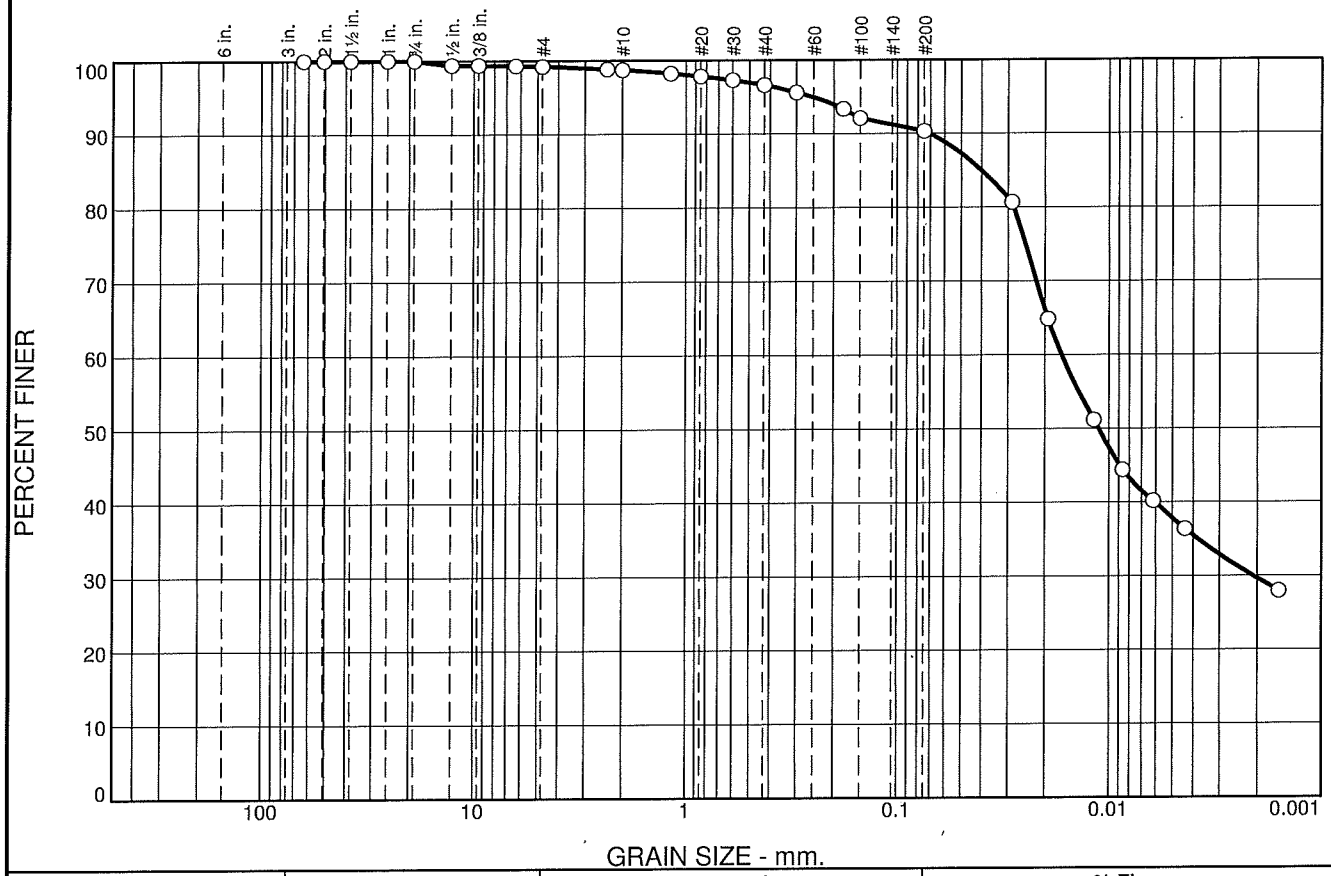
TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.8	0.5	2.1	6.2	52.6	37.8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	99.4		
.375	99.4		
.25	99.3		
#4	99.2		
#8	98.8		
#10	98.7		
#16	98.2		
#20	97.8		
#30	97.3		
#40	96.6		
#50	95.6		
#80	93.4		
#100	92.1		
#200	90.4		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 19 LL= 41 PI= 22

Coefficients

D_{90}= 0.0707 D_{85}= 0.0401 D_{60}= 0.0167
D_{50}= 0.0112 D_{30}= 0.0021 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= CL AASHTO= A-7-6(20)

Remarks

Source of Sample: Lift 1 **Depth:** 382,700N/2,200,900E
Sample Number: B-3 **Date:** 08-15-14

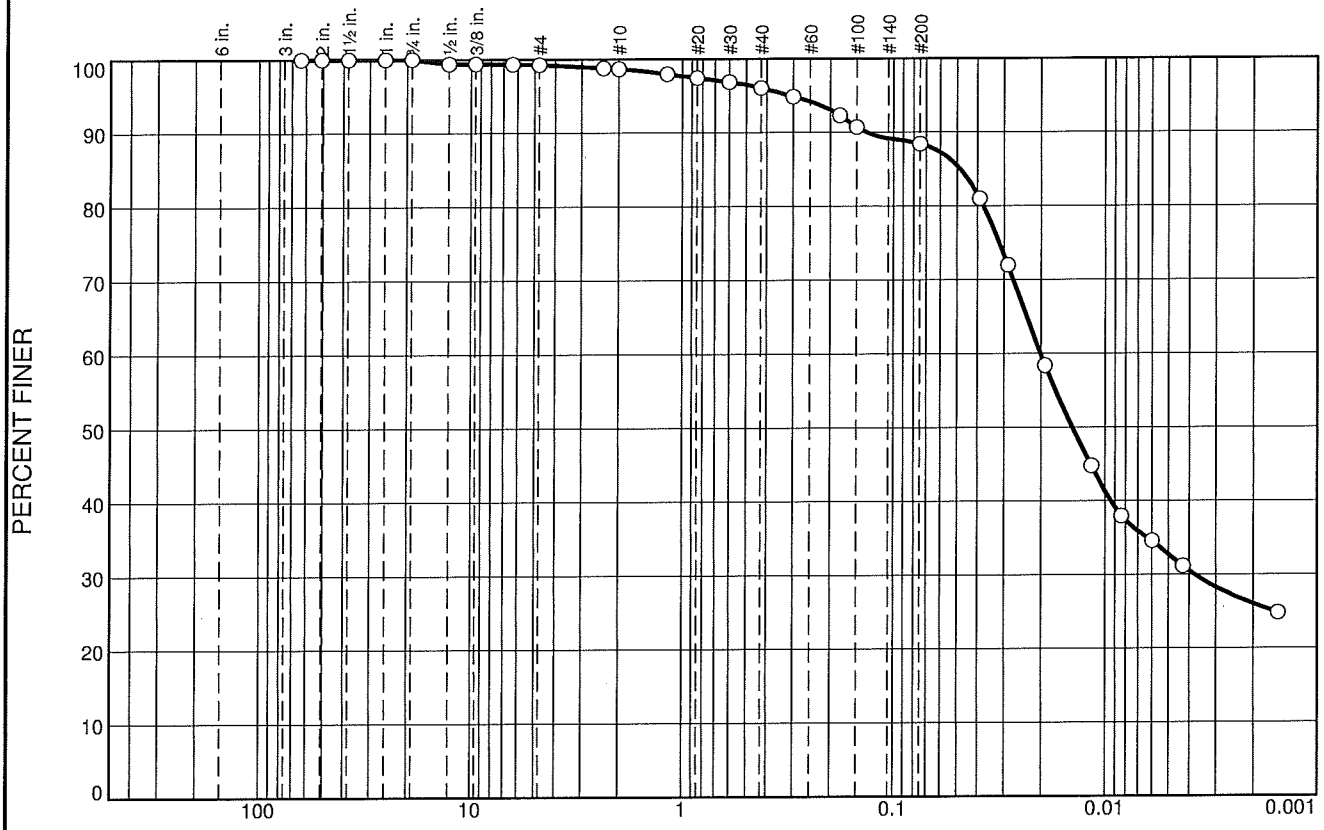
TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.8	0.5	2.7	7.6	55.6	32.8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	99.4		
.375	99.4		
.25	99.3		
#4	99.2		
#8	98.8		
#10	98.7		
#16	98.0		
#20	97.4		
#30	96.9		
#40	96.0		
#50	94.8		
#80	92.3		
#100	90.7		
#200	88.4		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 19 LL= 40 PI= 21

Coefficients

D_{90}= 0.1343 D_{85}= 0.0484 D_{60}= 0.0202
D_{50}= 0.0143 D_{30}= 0.0038 D_{15}=
D_{10}= C_u= C_c=

Classification

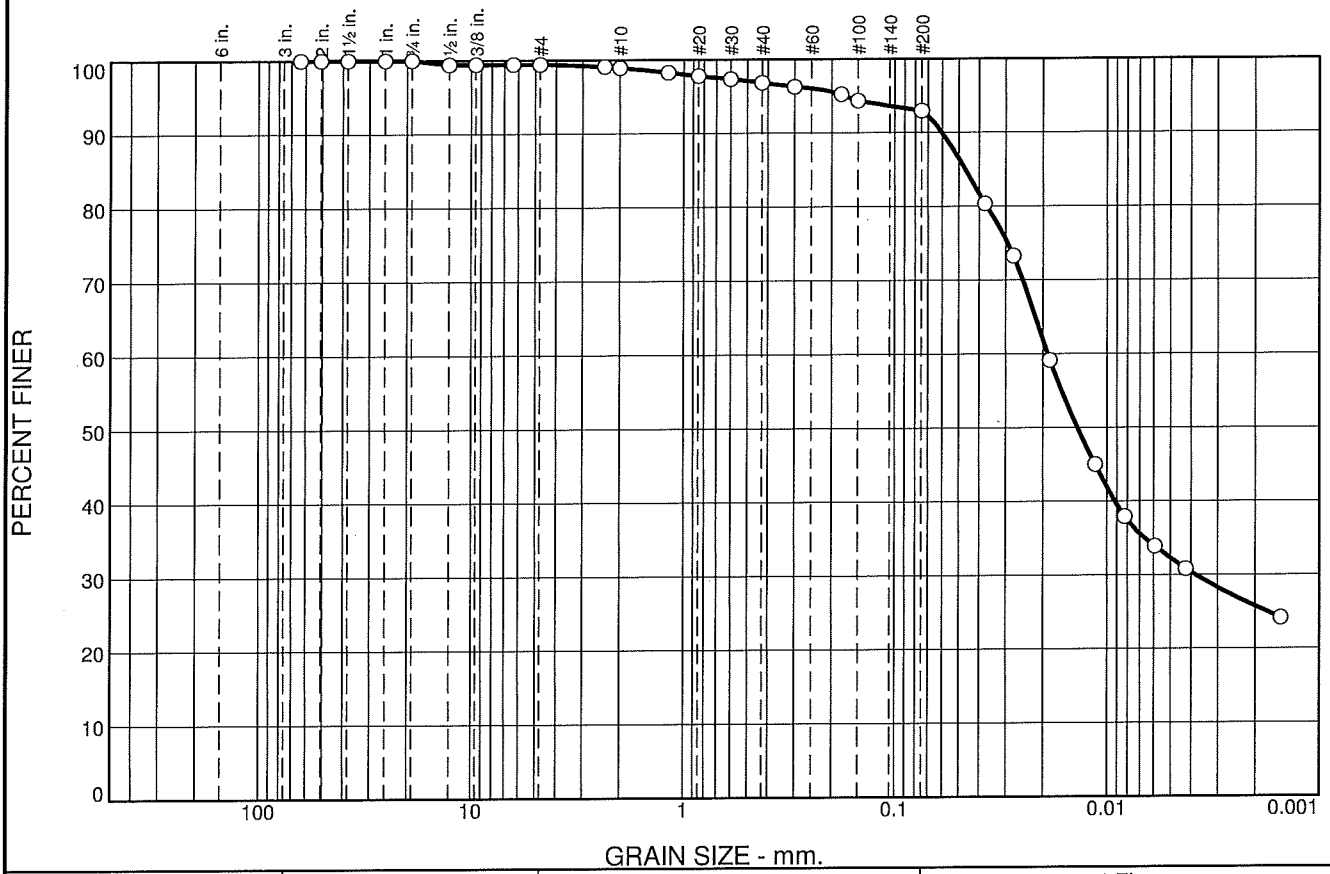
USCS= CL AASHTO= A-6(19)

Remarks

Source of Sample: Lift 2 **Depth:** 382,350N/2,201,150E
Sample Number: B-4 **Date:** 09-03-14

TRC Environmental Corp.	**Client:** Dane County
	Project: Dane County Rodefeld
Madison, Wisconsin	**Project No:** 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.6	0.5	2.0	3.9	60.7	32.3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	99.4		
.375	99.4		
.25	99.4		
#4	99.4		
#8	99.1		
#10	98.9		
#16	98.2		
#20	97.8		
#30	97.3		
#40	96.9		
#50	96.3		
#80	95.2		
#100	94.3		
#200	93.0		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 19 LL= 41 PI= 22

Coefficients

D_{90}= 0.0602 D_{85}= 0.0467 D_{60}= 0.0190
D_{50}= 0.0138 D_{30}= 0.0038 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= CL AASHTO= A-7-6(21)

Remarks

Source of Sample: Lift 2 **Depth:** 382,750N/2,200,850E
Sample Number: B-5 **Date:** 09-03-14

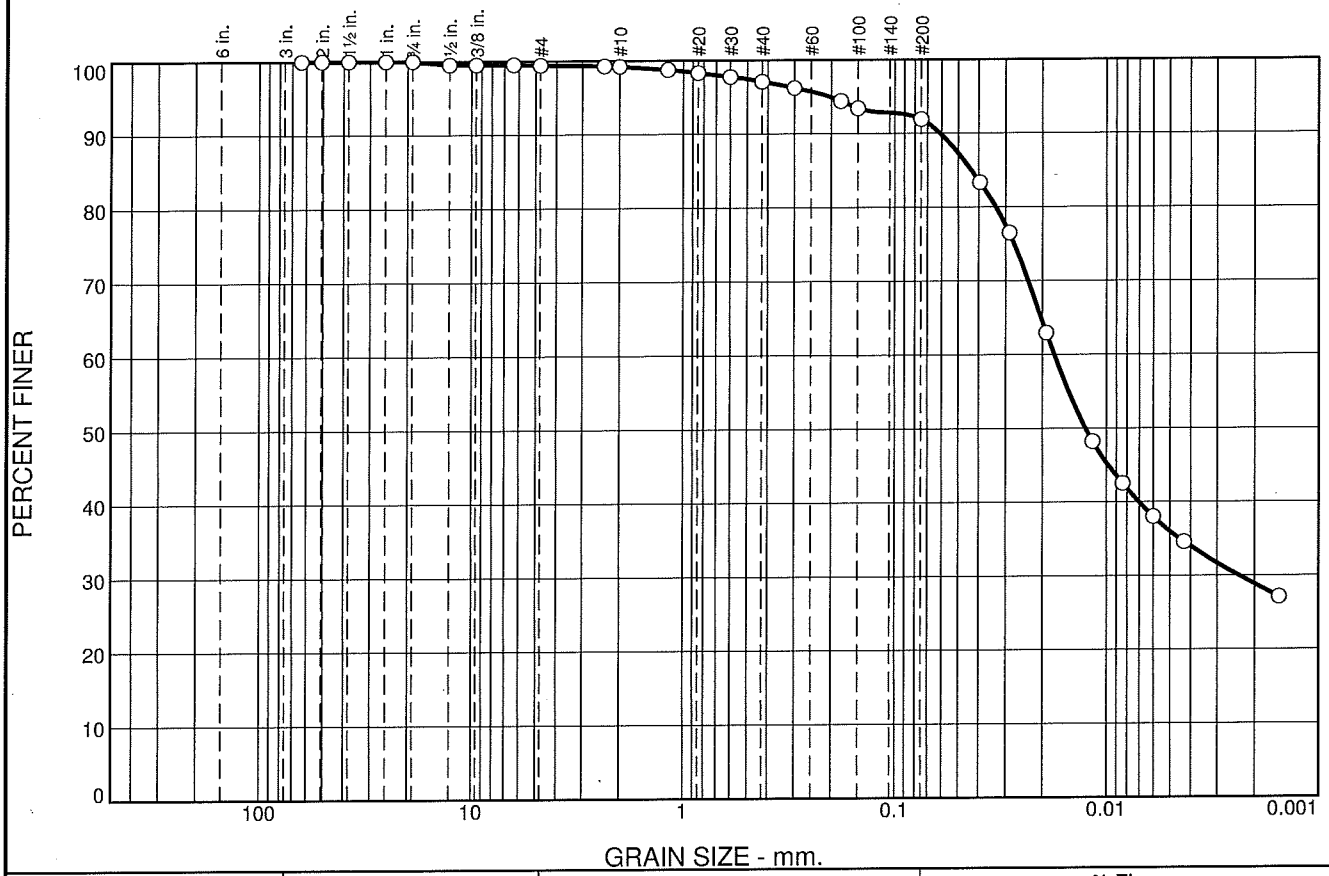
TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.6	0.2	2.1	5.2	55.9	36.0

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	99.5		
.375	99.5		
.25	99.5		
#4	99.4		
#8	99.3		
#10	99.2		
#16	98.7		
#20	98.3		
#30	97.8		
#40	97.1		
#50	96.2		
#80	94.4		
#100	93.4		
#200	91.9		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 19 LL= 39 PI= 20

Coefficients

D_{90}= 0.0608 D_{85}= 0.0434 D_{60}= 0.0176
D_{50}= 0.0126 D_{30}= 0.0024 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= CL AASHTO= A-6(19)

Remarks

Source of Sample: Lift 2 **Depth:** 382,050N/2,200,950E
Sample Number: B-6 **Date:** 09-03-14

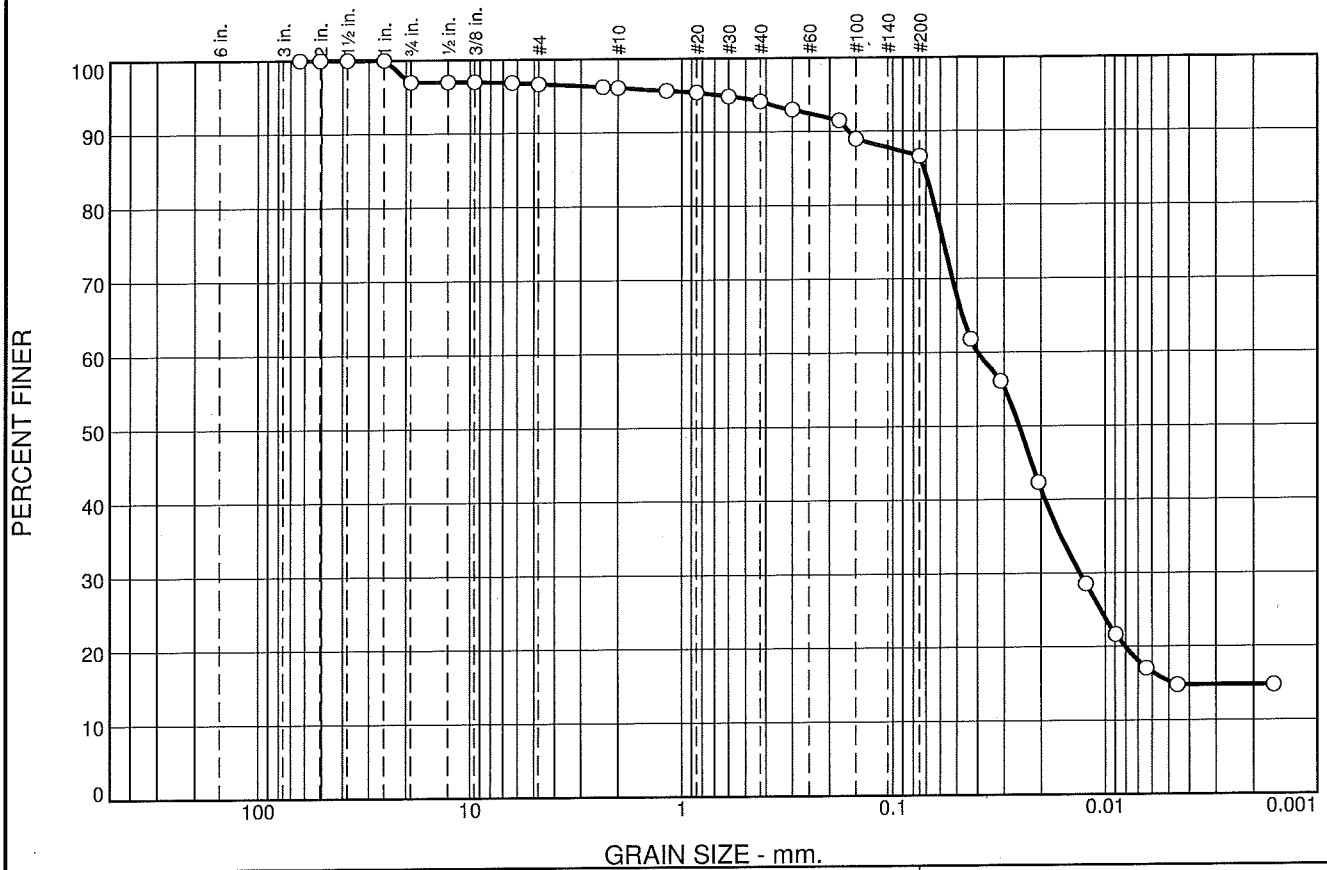
TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	3.0	0.3	0.6	2.0	7.4	71.4	15.3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	97.0		
.5	97.0		
.375	97.0		
.25	96.9		
#4	96.7		
#8	96.2		
#10	96.1		
#16	95.7		
#20	95.4		
#30	94.9		
#40	94.1		
#50	93.0		
#80	91.5		
#100	89.0		
#200	86.7		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 18 LL= 38 PI= 20

Coefficients

D_{90}= 0.1627 D_{85}= 0.0714 D_{60}= 0.0401
D_{50}= 0.0254 D_{30}= 0.0132 D_{15}= 0.0047
D_{10}= C_u= C_c=

Classification

USCS= CL AASHTO= A-6(17)

Remarks

Source of Sample: Lift 3 **Depth:** 382,700N/2,201,100E
Sample Number: B-7 (Standard) **Date:** 9-8-14

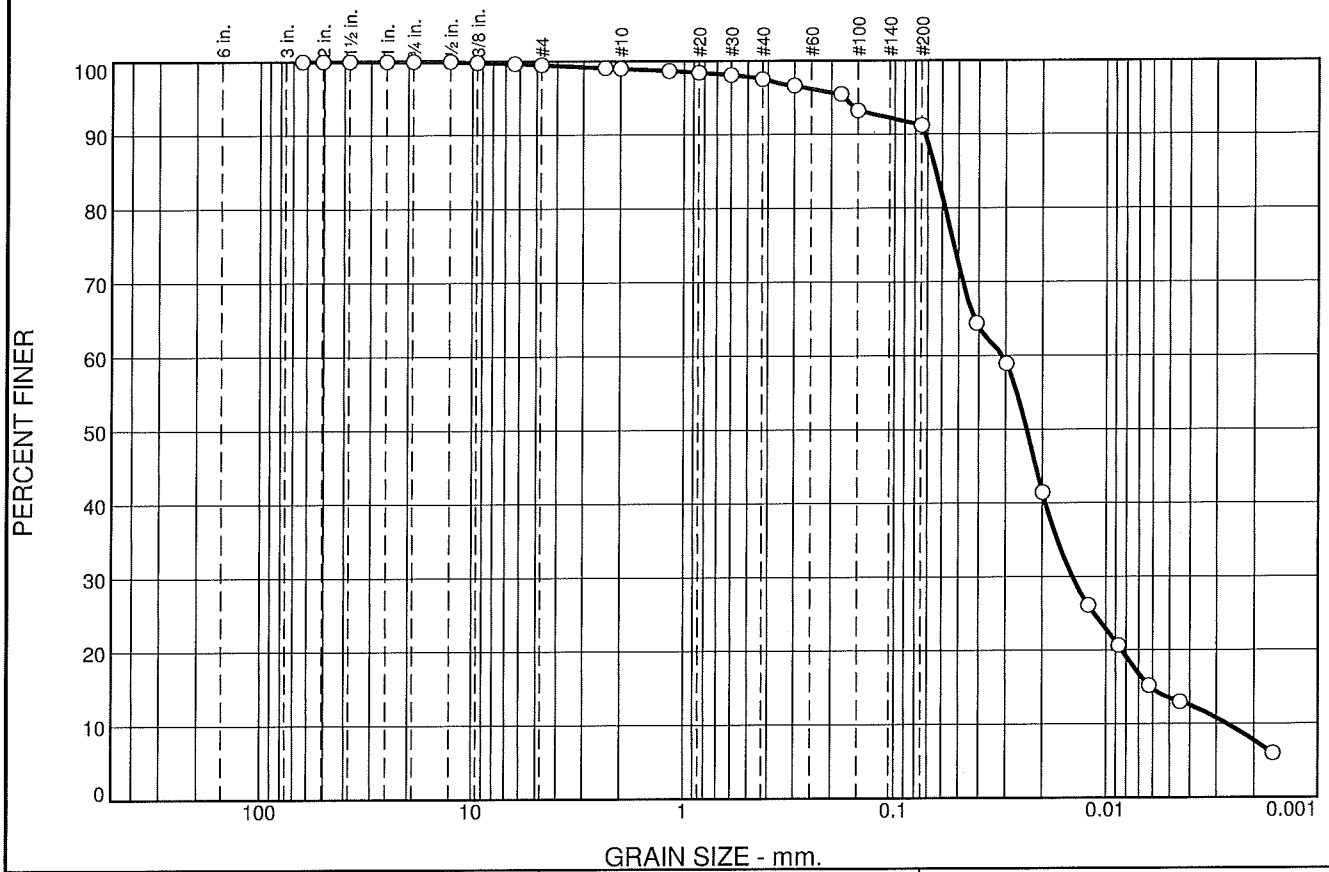
TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.5	0.5	1.5	6.3	77.7	13.5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
.75	100.0		
.5	100.0		
.375	99.8		
.25	99.7		
#4	99.5		
#8	99.1		
#10	99.0		
#16	98.7		
#20	98.4		
#30	98.1		
#40	97.5		
#50	96.6		
#80	95.5		
#100	93.2		
#200	91.2		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 19 LL= 38 PI= 19

Coefficients

D_{90}= 0.0722 D_{85}= 0.0641 D_{60}= 0.0311
D_{50}= 0.0238 D_{30}= 0.0144 D_{15}= 0.0061
D_{10}= 0.0027 C_u= 11.59 C_c= 2.49

Classification

USCS= CL AASHTO= A-6(17)

Remarks

Source of Sample: Lift 3 **Depth:** 382,700N/2,200,900E
Sample Number: B-8 (Standard) **Date:** 9-8-14

TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report

% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	4.2	0.0	0.4	2.4	8.8	71.9	12.3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	95.8		
.75	95.8		
.5	95.8		
.375	95.8		
.25	95.8		
#4	95.8		
#8	95.5		
#10	95.4		
#16	94.8		
#20	94.4		
#30	93.8		
#40	93.0		
#50	91.6		
#80	89.4		
#100	86.8		
#200	84.2		

* (no specification provided)

Material Description

Lean clay with sand

Atterberg Limits

PL= 17 LL= 38 PI= 21

Coefficients

D_{90}= 0.1882 D_{85}= 0.0924 D_{60}= 0.0449
D_{50}= 0.0279 D_{30}= 0.0152 D_{15}= 0.0064
D_{10}= 0.0038 C_u= 11.92 C_c= 1.37

Classification

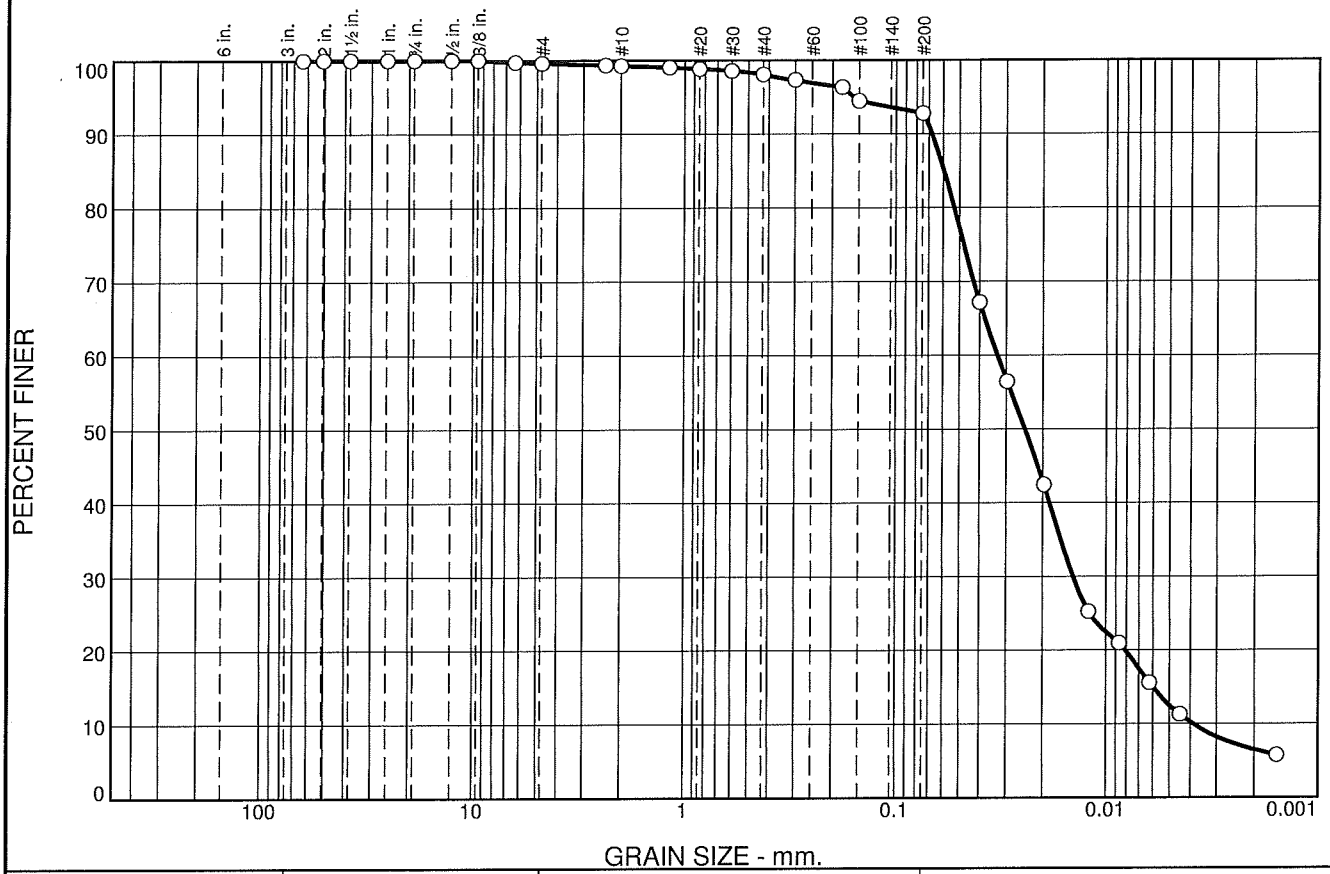
USCS= CL AASHTO= A-6(17)

Remarks

Source of Sample: Lift 3 **Depth:** 382,100N/2,200,900E
Sample Number: B-9 (Modified) **Date:** 9-8-14

TRC Environmental Corp.	**Client:** Dane County
	Project: Dane County Rodefeld
Madison, Wisconsin	**Project No:** 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.4	0.3	1.2	5.3	80.3	12.5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	100.0		
0.75	100.0		
0.50	100.0		
0.375	100.0		
0.25	99.7		
#4	99.6		
#8	99.3		
#10	99.3		
#16	99.0		
#20	98.8		
#30	98.6		
#40	98.1		
#50	97.3		
#80	96.3		
#100	94.5		
#200	92.8		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 20 LL= 40 PI= 20

Coefficients

D_{90}= 0.0676 D_{85}= 0.0593 D_{60}= 0.0330
D_{50}= 0.0244 D_{30}= 0.0143 D_{15}= 0.0060
D_{10}= 0.0039 C_u= 8.51 C_c= 1.60

Classification

USCS= CL AASHTO= A-6(19)

Remarks

Source of Sample: Lift 4 **Depth:** 382,350N/2,200,950E
Sample Number: B-10 (Modified) **Date:** 9-15-14

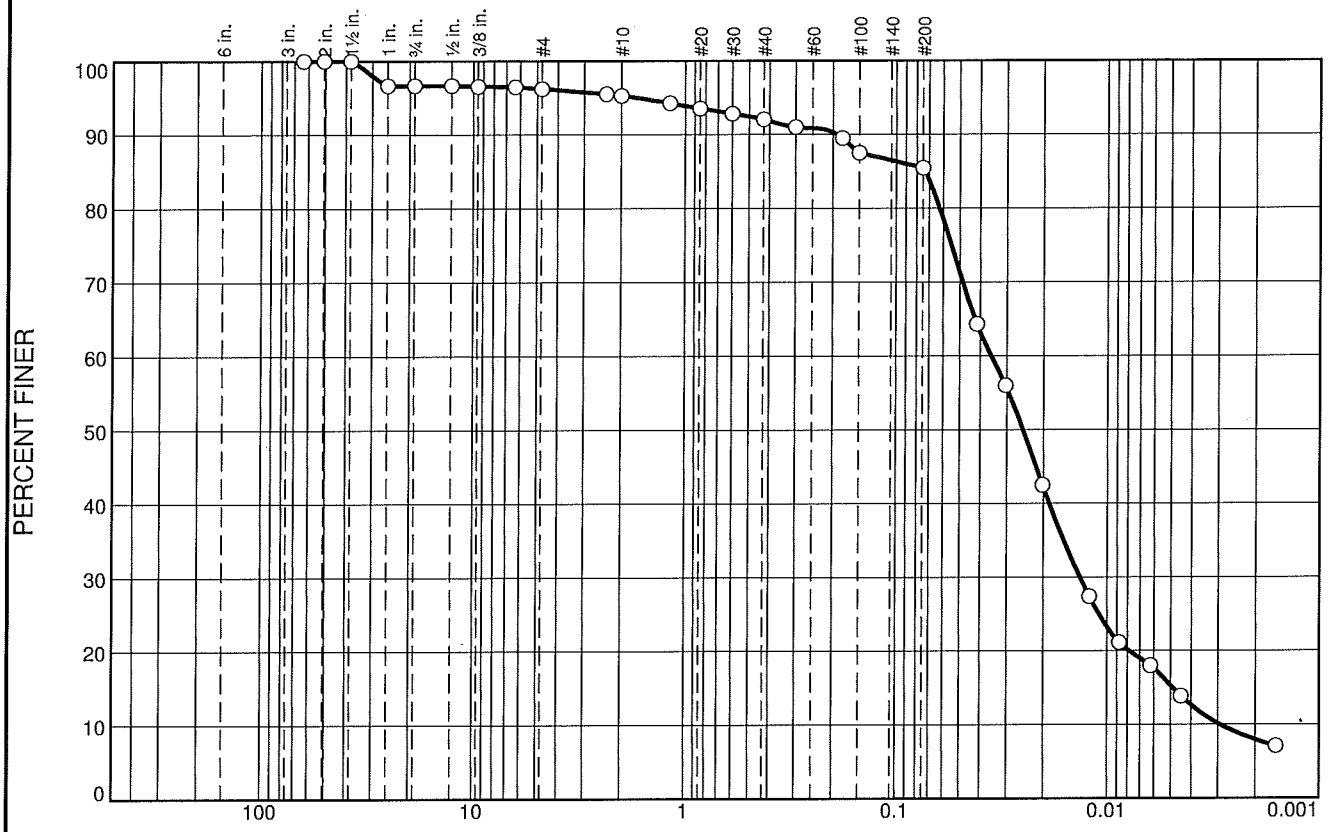
TRC Environmental Corp.

Madison, Wisconsin

Client: Dane County
Project: Dane County Rodefeld

Project No: 220142.0000 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	3.3	0.5	0.9	3.3	6.5	70.2	15.3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2.5	100.0		
2.0	100.0		
1.5	100.0		
1.0	96.7		
.75	96.7		
.5	96.7		
.375	96.5		
.25	96.5		
#4	96.2		
#8	95.5		
#10	95.3		
#16	94.3		
#20	93.6		
#30	92.9		
#40	92.0		
#50	91.0		
#80	89.5		
#100	87.5		
#200	85.5		

* (no specification provided)

Material Description

Lean clay

Atterberg Limits

PL= 19 LL= 38 PI= 19

Coefficients

D_{90}= 0.1898 D_{85}= 0.0733 D_{60}= 0.0356
D_{50}= 0.0251 D_{30}= 0.0135 D_{15}= 0.0049
D_{10}= 0.0029 C_u= 12.09 C_c= 1.73

Classification

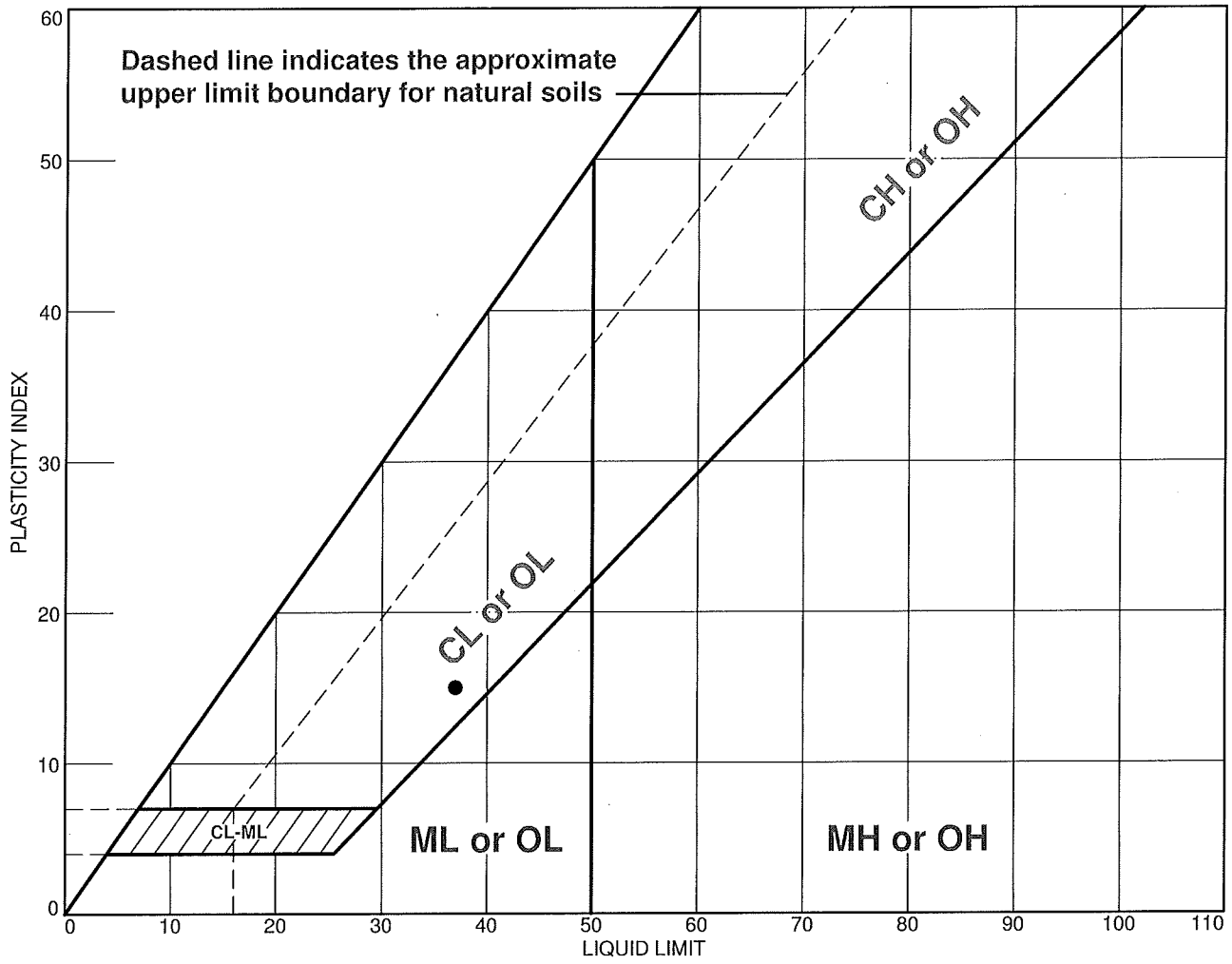
USCS= CL AASHTO= A-6(16)

Remarks

Source of Sample: Lift 4 **Depth:** 382,250N/2,201,050E
Sample Number: B-11 (Modified) **Date:** 9-12-14

TRC Environmental Corp.	**Client:** Dane County
	Project: Dane County Rodefeld
Madison, Wisconsin	**Project No:** 220142.0000 **Figure**

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	37	22	15	96.8	89.0	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source of Sample:** Clay Stockpile **Sample Number:** Sample #1

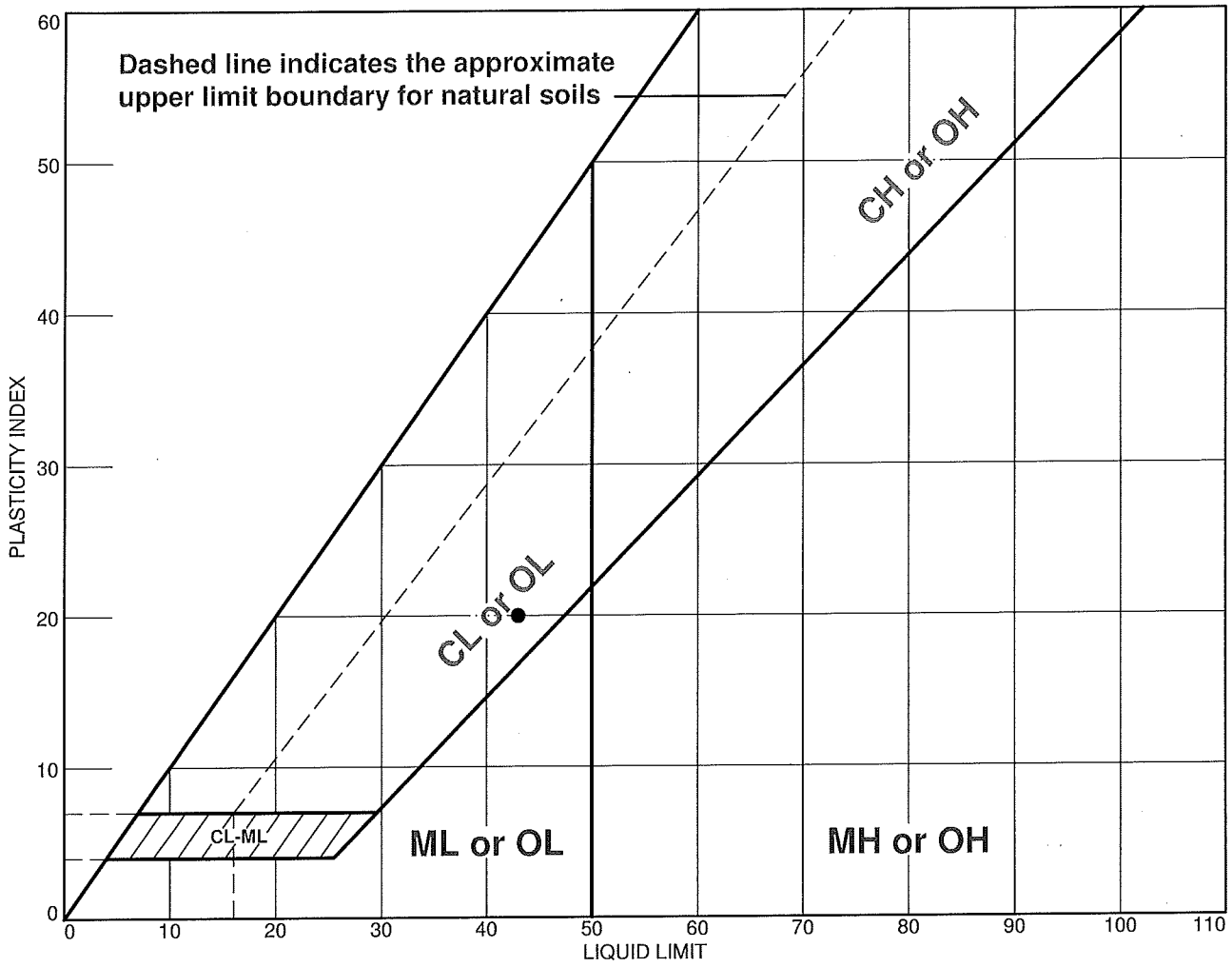
Remarks:

TRC Environmental Corp.

Madison, Wisconsin

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	43	23	20	99.4	97.8	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source of Sample:** Clay Stockpile **Sample Number:** Sample #2

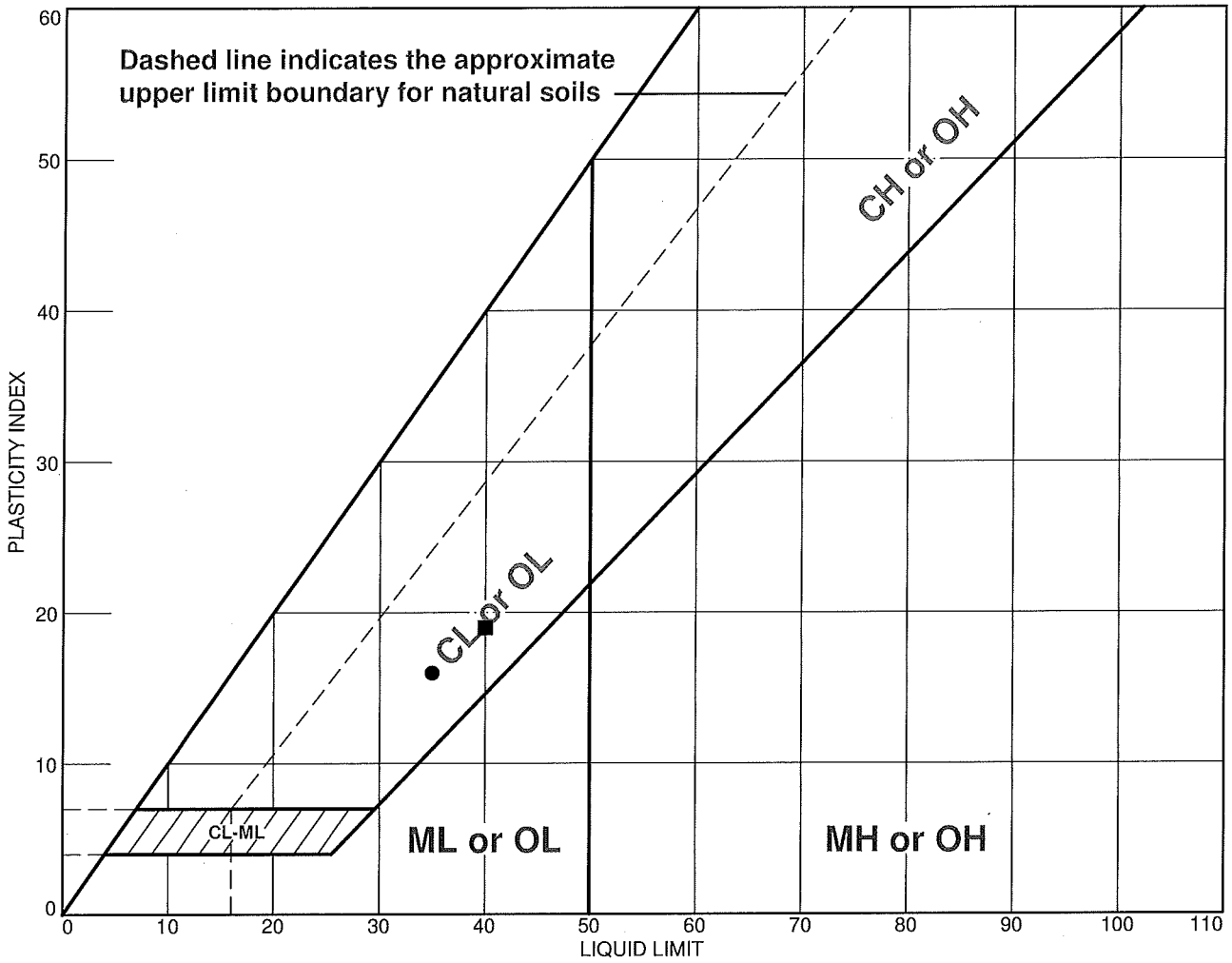
Remarks:

TRC Environmental Corp.

Madison, Wisconsin

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Sandy lean clay	35	19	16	90.0	66.6	CL
■	Lean clay	40	21	19	98.2	89.2	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source of Sample:** General Fill **Sample Number:** Stockpile #6

■ **Source of Sample:** Clay Stockpile **Sample Number:** Sample #3

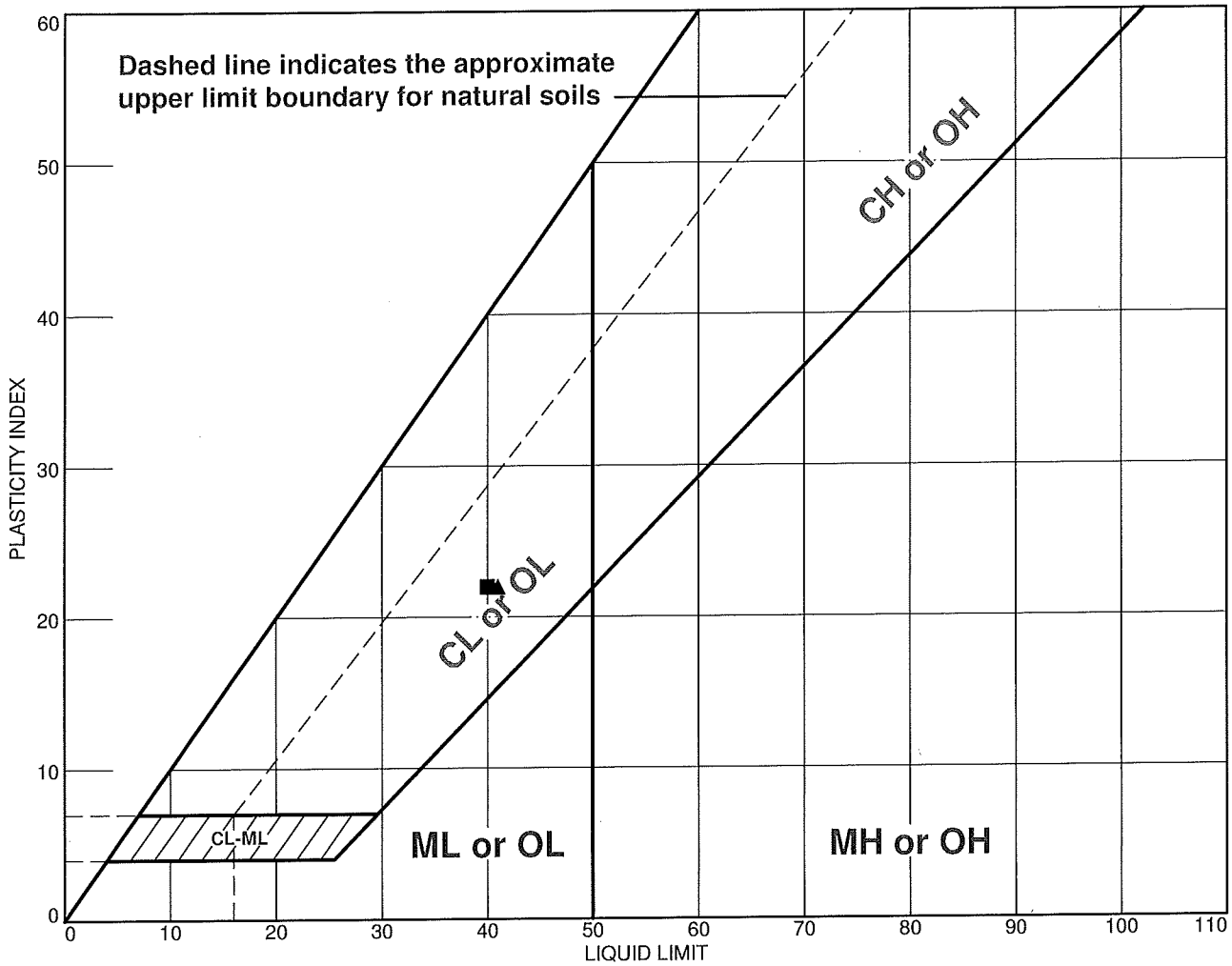
Remarks:

TRC Environmental Corp.

Madison, Wisconsin

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	40	18	22	94.9	87.0	CL
■	Lean clay	40	18	22	96.2	90.0	CL
▲	Lean clay	41	19	22	96.6	90.4	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source:** Lift 1 **Depth:** 382,100N/2,201,100E **Sample No.:** B-1

■ **Source:** Lift 1 **Depth:** 382,400N/2,201,000E **Sample No.:** B-2

▲ **Source:** Lift 1 **Depth:** 382,700N/2,200,900E **Sample No.:** B-3

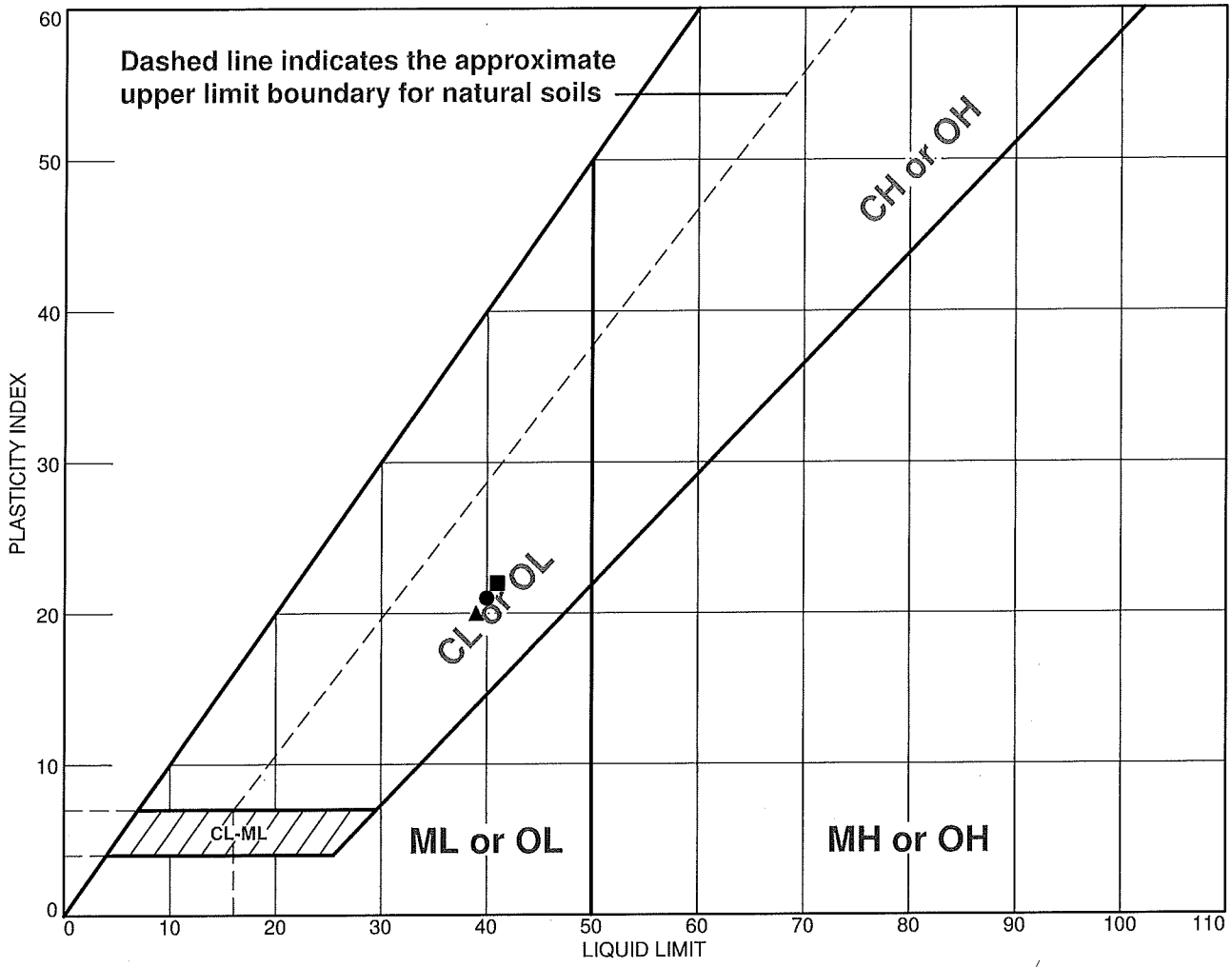
Remarks:

TRC Environmental Corp.

Madison, Wisconsin

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	40	19	21	96.0	88.4	CL
■	Lean clay	41	19	22	96.9	93.0	CL
▲	Lean clay	39	19	20	97.1	91.9	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source:** Lift 2 **Depth:** 382,350N/2,201,150E **Sample No.:** B-4

■ **Source:** Lift 2 **Depth:** 382,750N/2,200,850E **Sample No.:** B-5

▲ **Source:** Lift 2 **Depth:** 382,050N/2,200,950E **Sample No.:** B-6

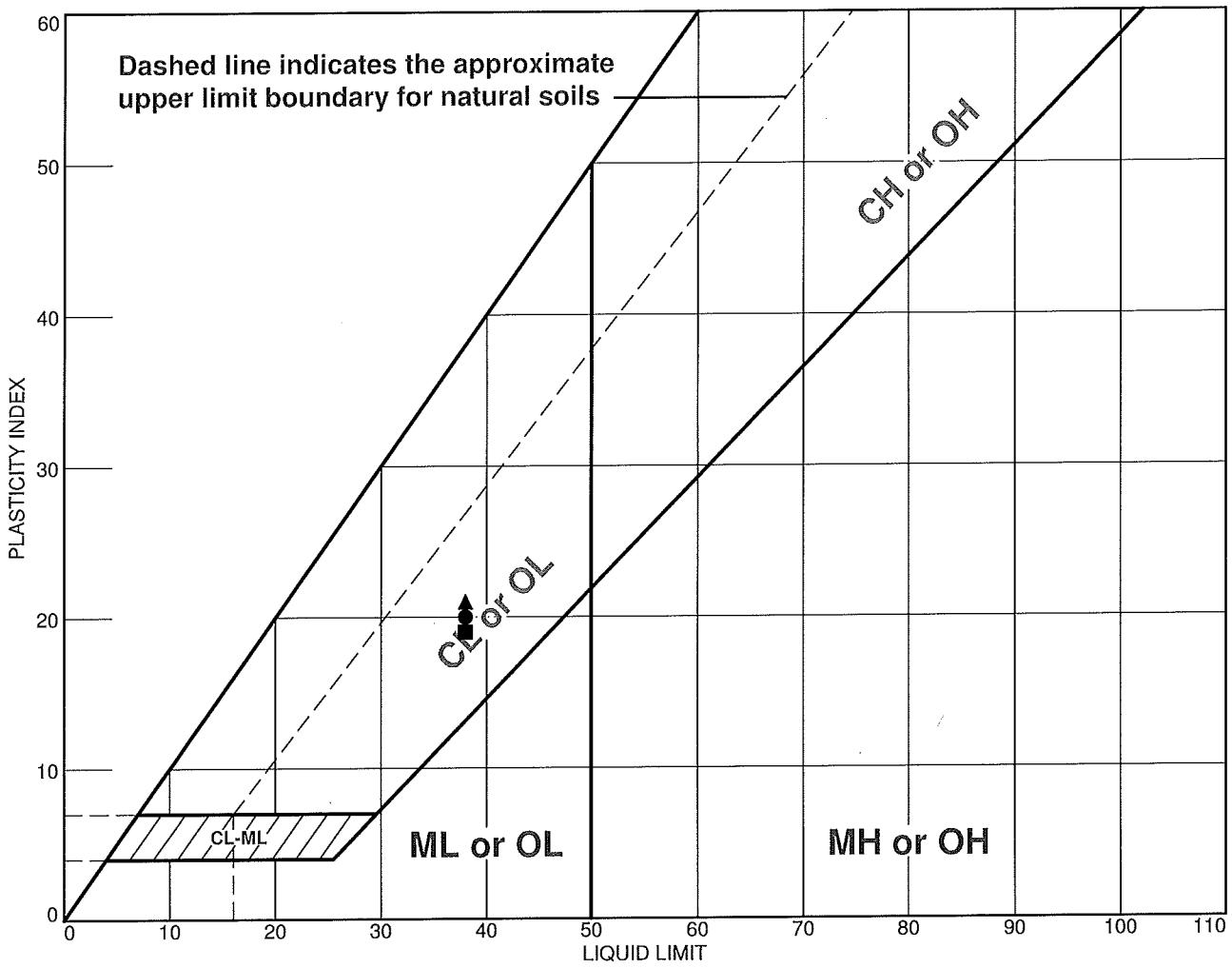
Remarks:

TRC Environmental Corp.

Madison, Wisconsin

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	38	18	20	94.1	86.7	CL
■	Lean clay	38	19	19	97.5	91.2	CL
▲	Lean clay with sand	38	17	21	93.0	84.2	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source:** Lift 3 **Depth:** 382,700N/2,201,100E **Sample No.:** B-7 (Standard)

■ **Source:** Lift 3 **Depth:** 382,700N/2,200,900E **Sample No.:** B-8 (Standard)

▲ **Source:** Lift 3 **Depth:** 382,100N/2,200,900E **Sample No.:** B-9 (Standard)

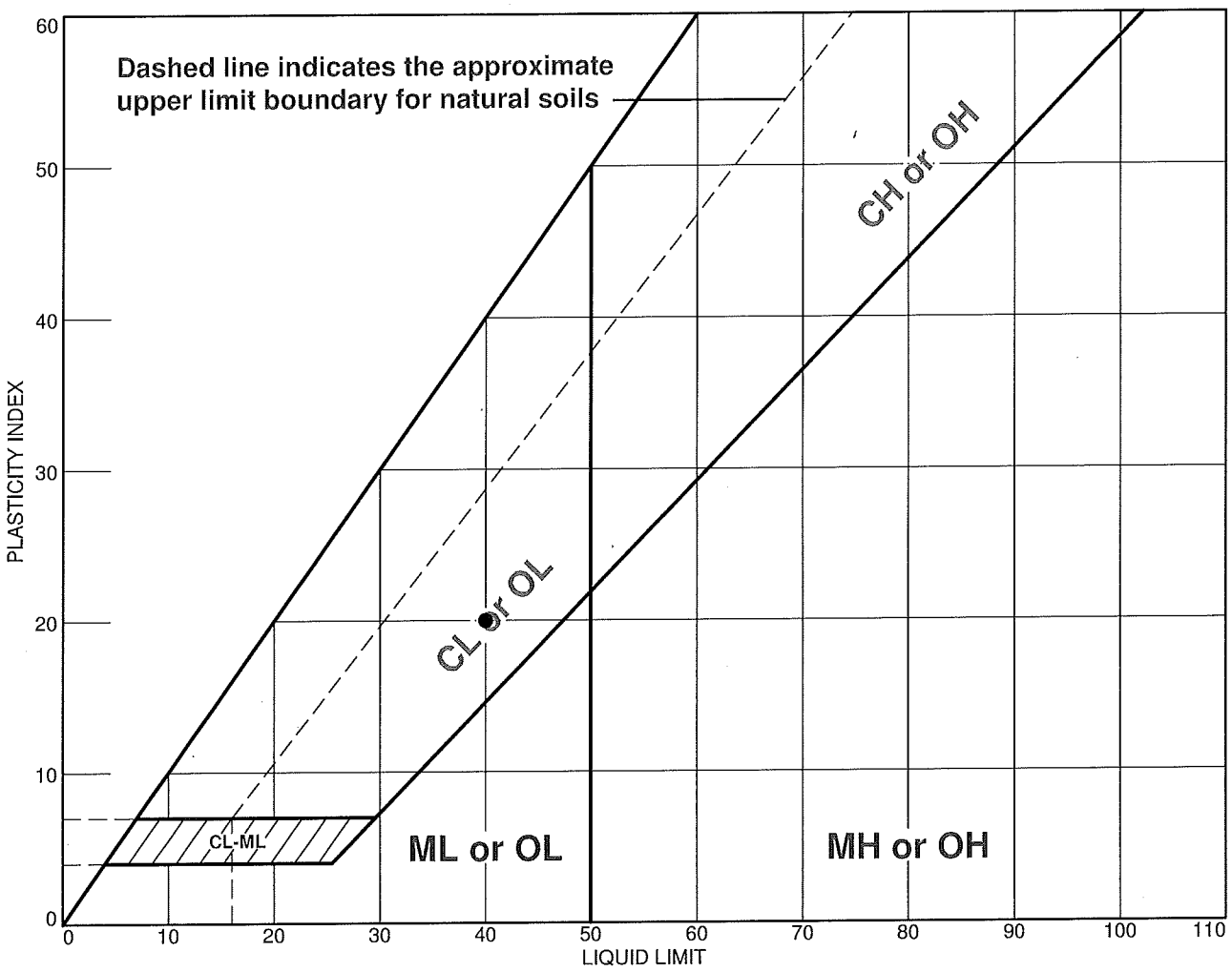
Remarks:

TRC Environmental Corp.

Madison, Wisconsin

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	40	20	20	98.1	92.8	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source:** Lift 4 **Depth:** 382,350N/2,200,950E **Sample No.:** B-10 (Modified)

Remarks:

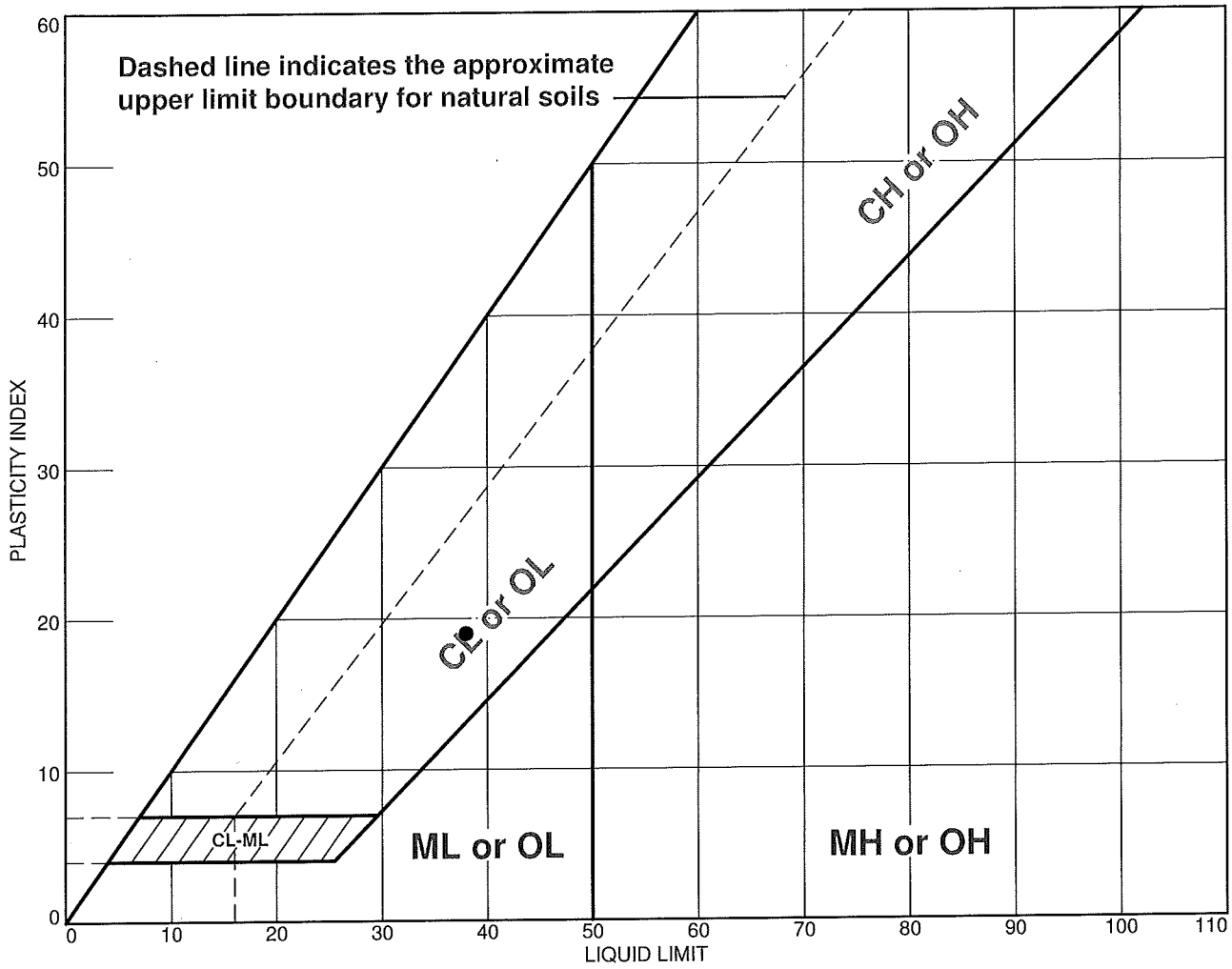
● Brown

TRC Environmental Corp.

Madison, Wisconsin

Figure

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Lean clay	38	19	19	92.0	85.5	CL

Project No. 220142.0000 **Client:** Dane County

Project: Dane County Rodefeld

● **Source:** Lift 4 **Depth:** 382,250N/2,201,050E **Sample No.:** B-11 (Modified)

Remarks:

TRC Environmental Corp.

Madison, Wisconsin

Figure

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Clay Stockpile Sample #1	269.15	1374.70	1164.10	23.5						

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Clay Stockpile, Sample #2	290.90	1410.80	1168.00	27.7						

TRC Environmental Corporation Moisture Content / Dry Density Determination (ASTM D2216 or D4643)									QC: JPH QA: JPH	
Project Name: Dane County Rodefeld							Project #: 220142.0000			
Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Clay Stockpile, Sample #3	257.06	1693.70	1434.20	22.0						

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 1, B-1, 382,100N/2,201,100E	268.54	1581.40	1370.60	19.1						
Lift 1, B-2, 382,400N/2,201,000E	255.95	1581.10	1331.90	23.2						
Lift 1, B-3, 382,700N/2,200,900E	258.93	1614.10	1362.30	22.8						

TRC Environmental Corporation

Moisture Content / Dry Density Determination (ASTM D2216 or D4643)

QC: JPH

QA: JPH

Project Name: Dane County Rodefeld

Project #: 220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 2, B-4, 382,350N/2,201,150E	248.13	1421.50	1205.30	22.6						
Lift 2, B-5, 382,750N/2,200,850E	264.54	1524.80	1271.60	25.1						
Lift 2, B-6, 382,050N/2,200,950E	259.19	1611.90	1364.90	22.3						

TRC Environmental Corporation Moisture Content / Dry Density Determination (ASTM D2216 or D4643)									QC: JPH QA: JPH	
Project Name: Dane County Rodefeld							Project #: 220142.0000			
Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 3, B-7, 382,700N/2,201,100E	269.23	1088.70	926.60	24.7						
Lift 3, B-8, 382,700N/2,200,900E	261.71	1177.20	995.70	24.7						

TRC Environmental Corporation	QC:	JPH
Moisture Content / Dry Density Determination (ASTM D2216 or D4643)	QA:	JPH

Project Name:	Dane County Rodefeld	Project #:	220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 3, B-9, 382,100N/2,200,900E	263.70	1081.30	924.20	23.8						

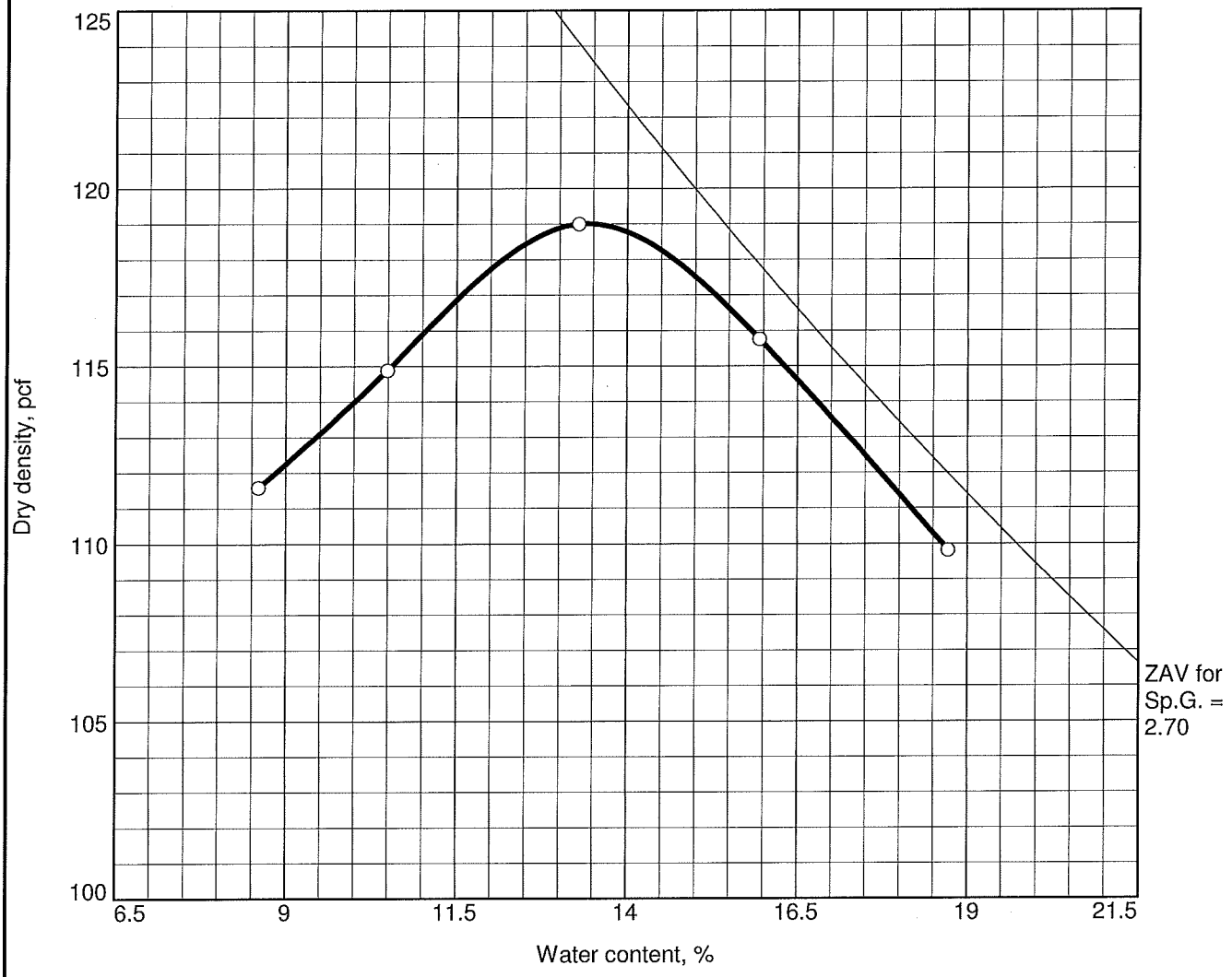
TRC Environmental Corporation Moisture Content / Dry Density Determination (ASTM D2216 or D4643)									QC: JNH QA: JNH	
Project Name: Dane County Rodefeld							Project #: 220142.0000			
Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 4, B-10	252.30	992.80	848.00	24.3						
Lift 3, T-17	264.80	1148.40	998.20	20.5	2.87	4.08	264.80	1148.40	127.5	105.9
Lift 3, T-18	264.82	757.10	680.80	18.3	2.87	2.35	264.82	757.10	123.8	104.6
Lift 3, T-19	264.80	1134.30	999.10	18.4	2.87	3.99	264.80	1134.30	128.3	108.4
Lift 3, T-20	267.40	1285.60	1115.70	20.0	2.87	4.62	267.40	1285.60	129.8	108.1
Lift 3, T-21	271.30	1075.60	938.30	20.6	2.87	3.67	271.30	1075.60	129.1	107.0
Lift 3, T-22	266.70	959.60	843.50	20.1	2.86	3.17	266.70	959.60	129.6	107.9
Lift 3, T-23	253.40	1027.60	898.10	20.1	2.86	3.55	253.40	1027.60	129.3	107.7
Lift 3, T-24	267.20	770.70	685.20	20.5	2.86	2.31	267.20	770.70	129.3	107.3

TRC Environmental Corporation	QC:	JNH
Moisture Content / Dry Density Determination (ASTM D2216 or D4643)	QA:	JNH

Project Name:	Dane County Rodefeld	Project #:	220142.0000

Sample Location	Moisture Tare Wt. (g)	Moisture Wet Wt. + Tare (g)	Moisture Dry Wt. +Tare (g)	Moisture (%)	Sample Diameter (in)	Sample Height (in)	Density Tare Wt. (g)	Density Wet Wt. + Tare (g)	Wet Density (pcf)	Dry Density (pcf)
Lift 4, B-11 382,250N/2,201,050E	240.42	1286.80	1100.20	21.7						

COMPACTION TEST REPORT



Test specification: ASTM D 1557-00 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 2 in.	% < No.200
	USCS	AASHTO						
	CL	A-6(14)	23.5		37	15	0.0	89.0

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 119.0 pcf Optimum moisture = 13.4 %	Lean clay

Project No. 220142.0000 **Client:** Dane County
Project: Dane County Rodefeld

○ **Source of Sample:** Clay Stockpile **Sample Number:** Sample #1

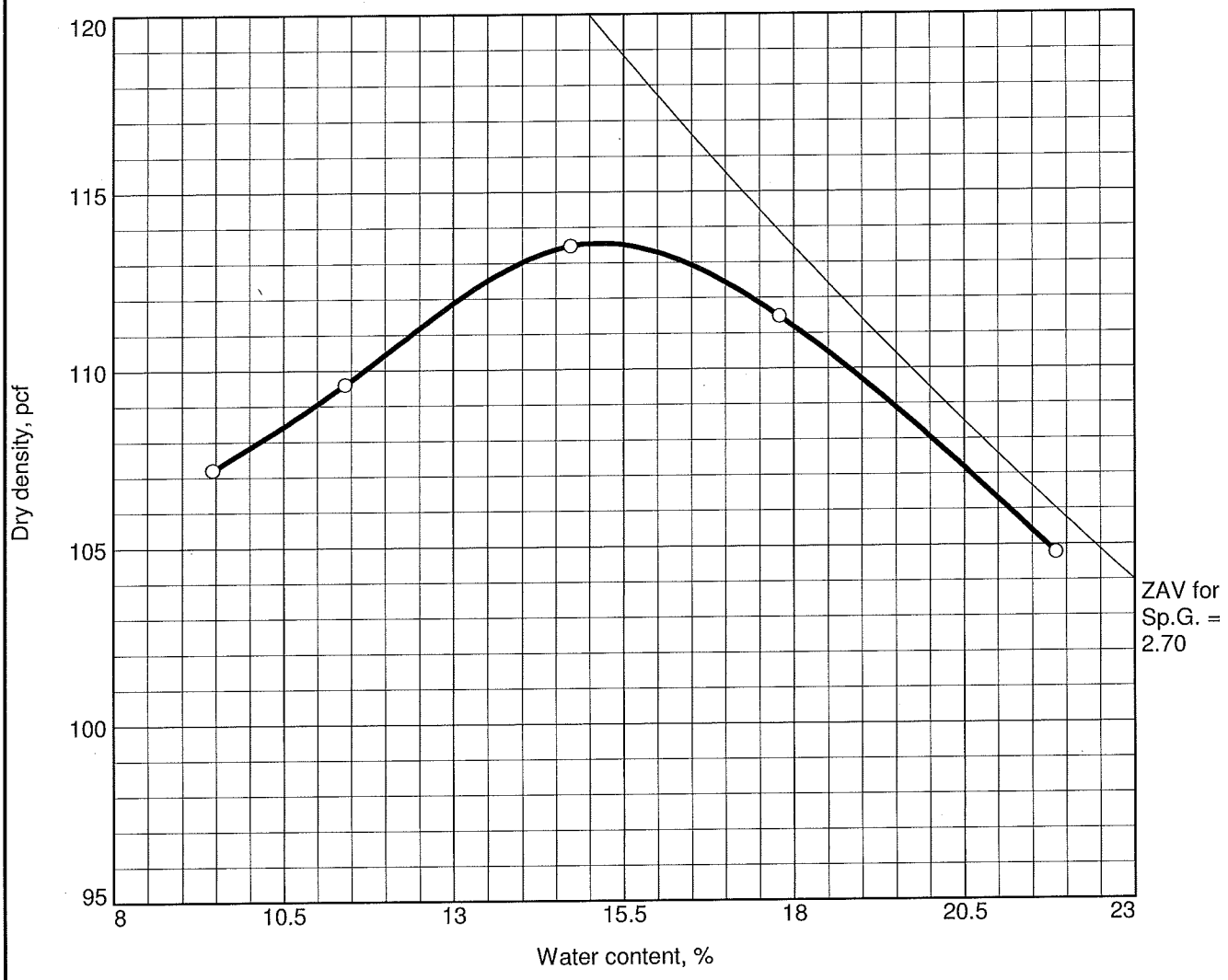
TRC Environmental Corp.

Madison, Wisconsin

Remarks:
Brown to Grayish Brown

Figure

COMPACTION TEST REPORT

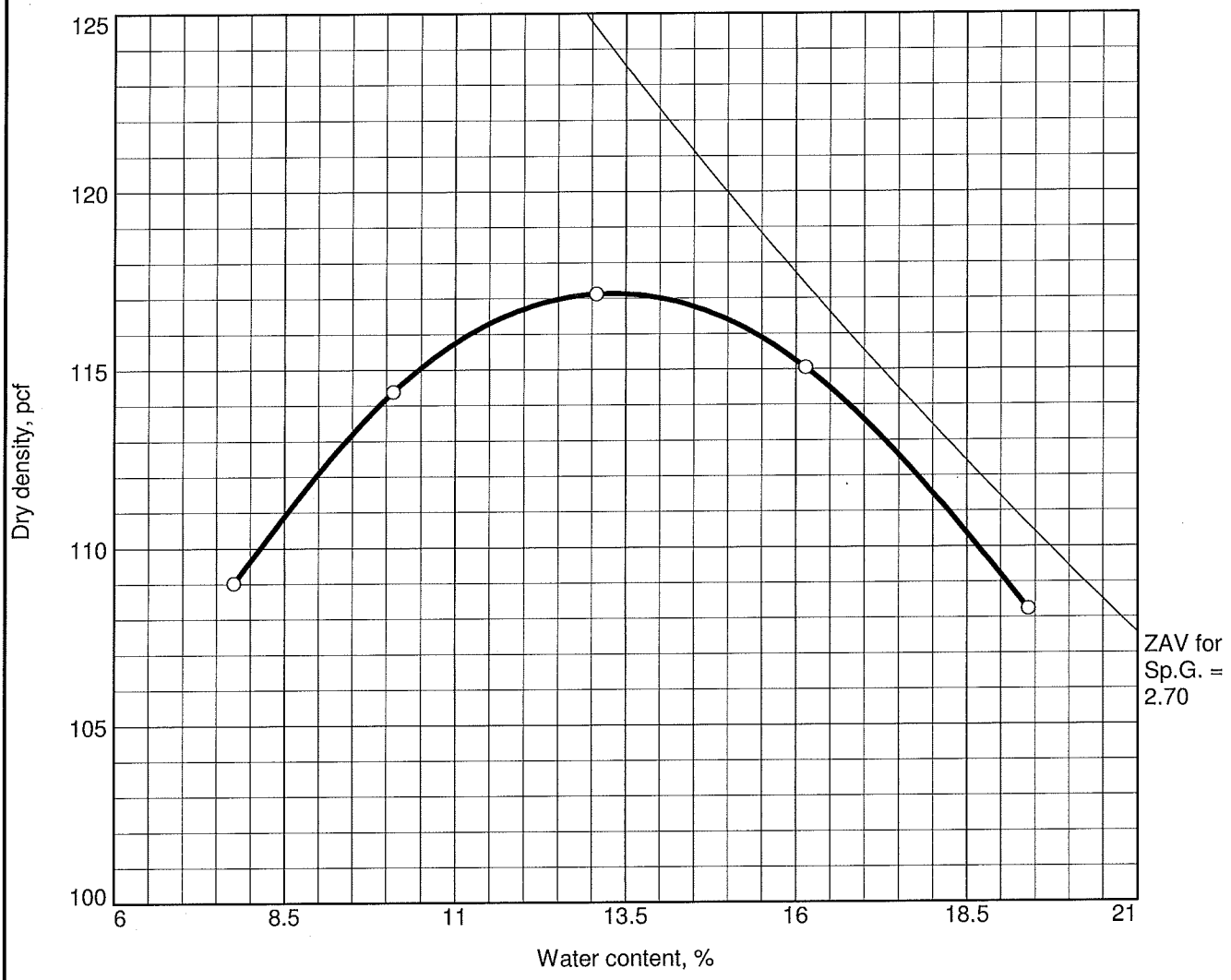


Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
	CL	A-7-6(22)	27.7		43	20	0.1	97.8

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 113.5 pcf Optimum moisture = 15.1 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Clay Stockpile **Sample Number:** Sample #2	**Remarks:** Grayish Brown
TRC Environmental Corp. **Madison, Wisconsin**	**Figure**

COMPACTION TEST REPORT



Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
	CL	A-6(17)	22.0		40	19	0.1	89.2

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 117.1 pcf Optimum moisture = 13.3 %	Lean clay

Project No. 220142.0000 **Client:** Dane County
Project: Dane County Rodefeld

○ **Source of Sample:** Clay Stockpile **Sample Number:** Sample #3

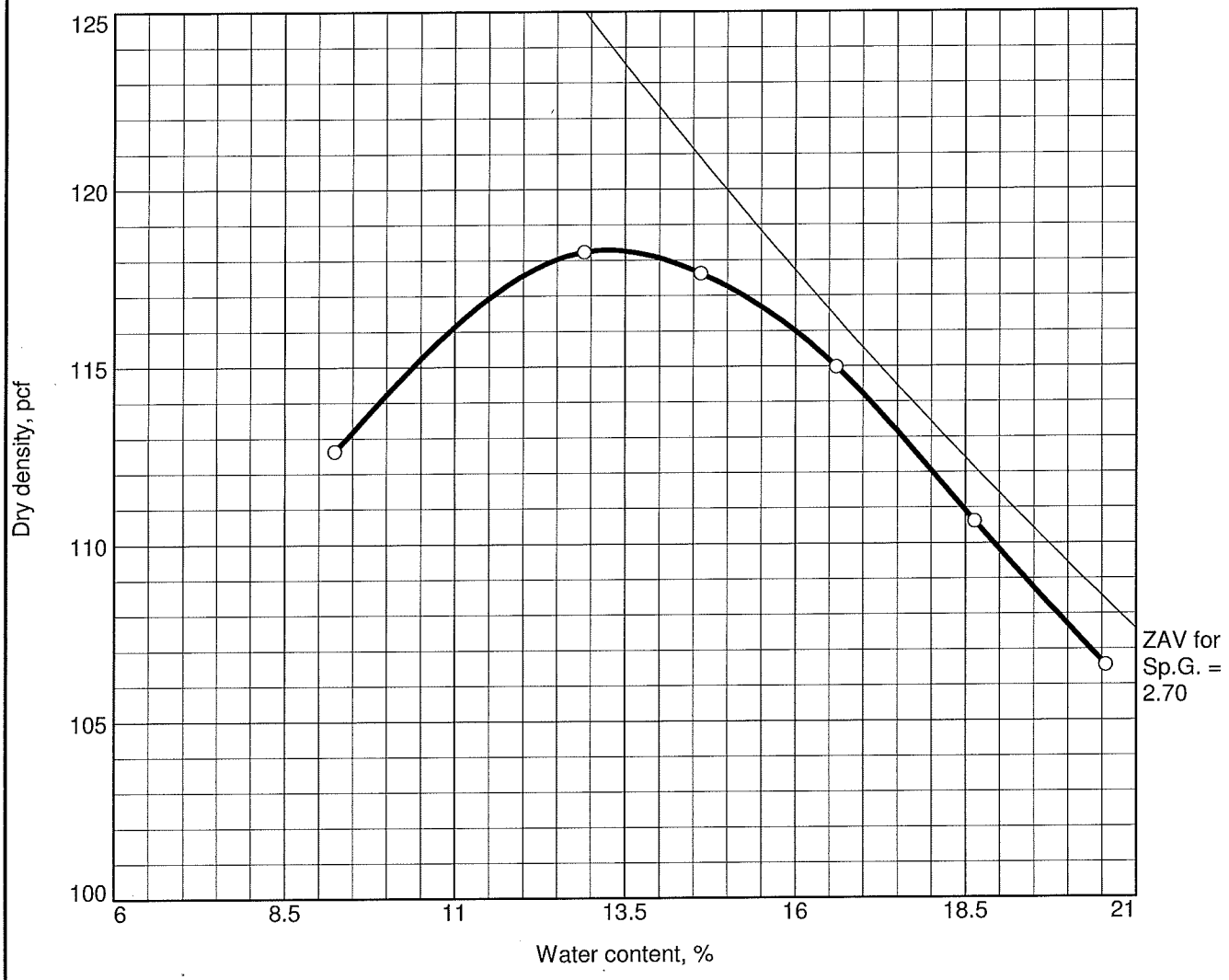
TRC Environmental Corp.

Madison, Wisconsin

Remarks:
Dark Grayish Brown

Figure

COMPACTION TEST REPORT

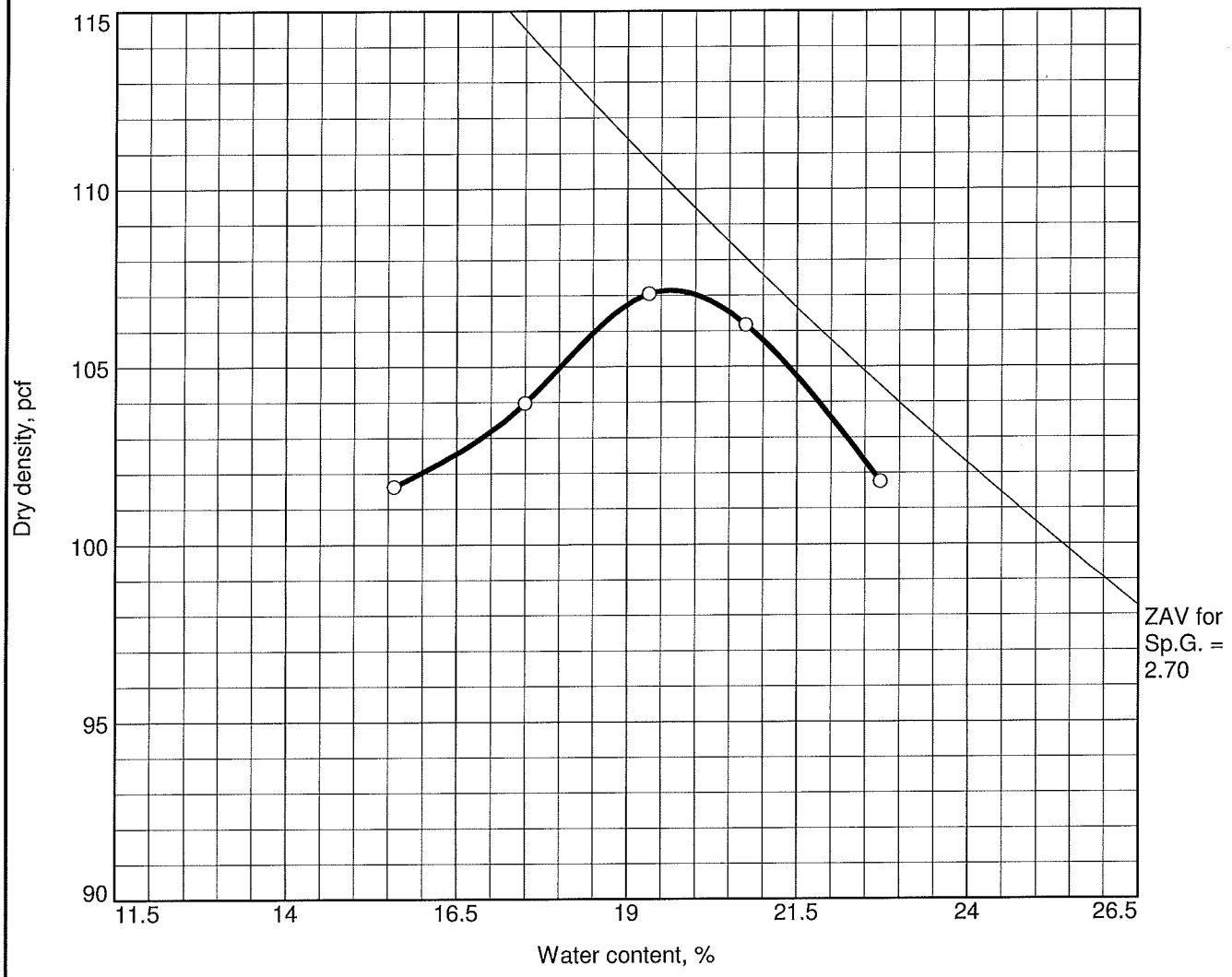


Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,100N/ 2,201,	CL	A-6(19)	19.1		40	22	2.7	87.0

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 118.3 pcf Optimum moisture = 13.2 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 1 **Sample Number:** B-1	**Remarks:** 382,100N/2,201,100E Brown
TRC Environmental Corp. **Madison, Wisconsin**	**Figure**

COMPACTION TEST REPORT

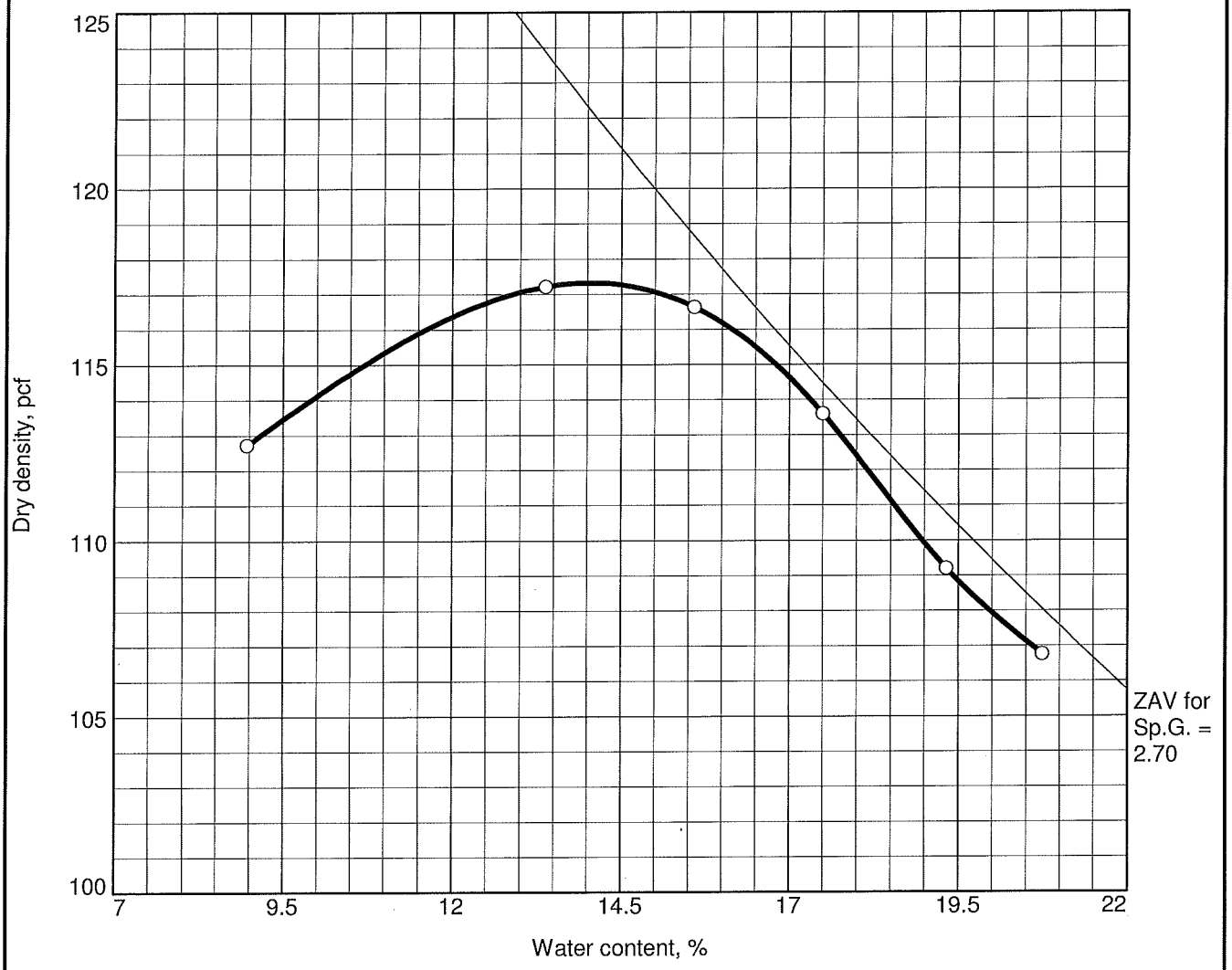


Test specification: ASTM D 698-00a Method A Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,400N/ 2,201,	CL	A-6(20)	23.2		40	22	1.7	90.0

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 107.1 pcf Optimum moisture = 19.6 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 1 **Sample Number:** B-2	**Remarks:** 382,400N/2,201,000E Brown
TRC Environmental Corp. **Madison, Wisconsin**	**Figure**

COMPACTION TEST REPORT



Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,400N/ 2,201,	CL	A-6(20)	23.2		40	22	1.7	90.0

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 117.3 pcf Optimum moisture = 14.0 %	Lean clay

Project No. 220142.0000 **Client:** Dane County
Project: Dane County Rodefeld

○ **Source of Sample:** Lift 1 **Sample Number:** B-2

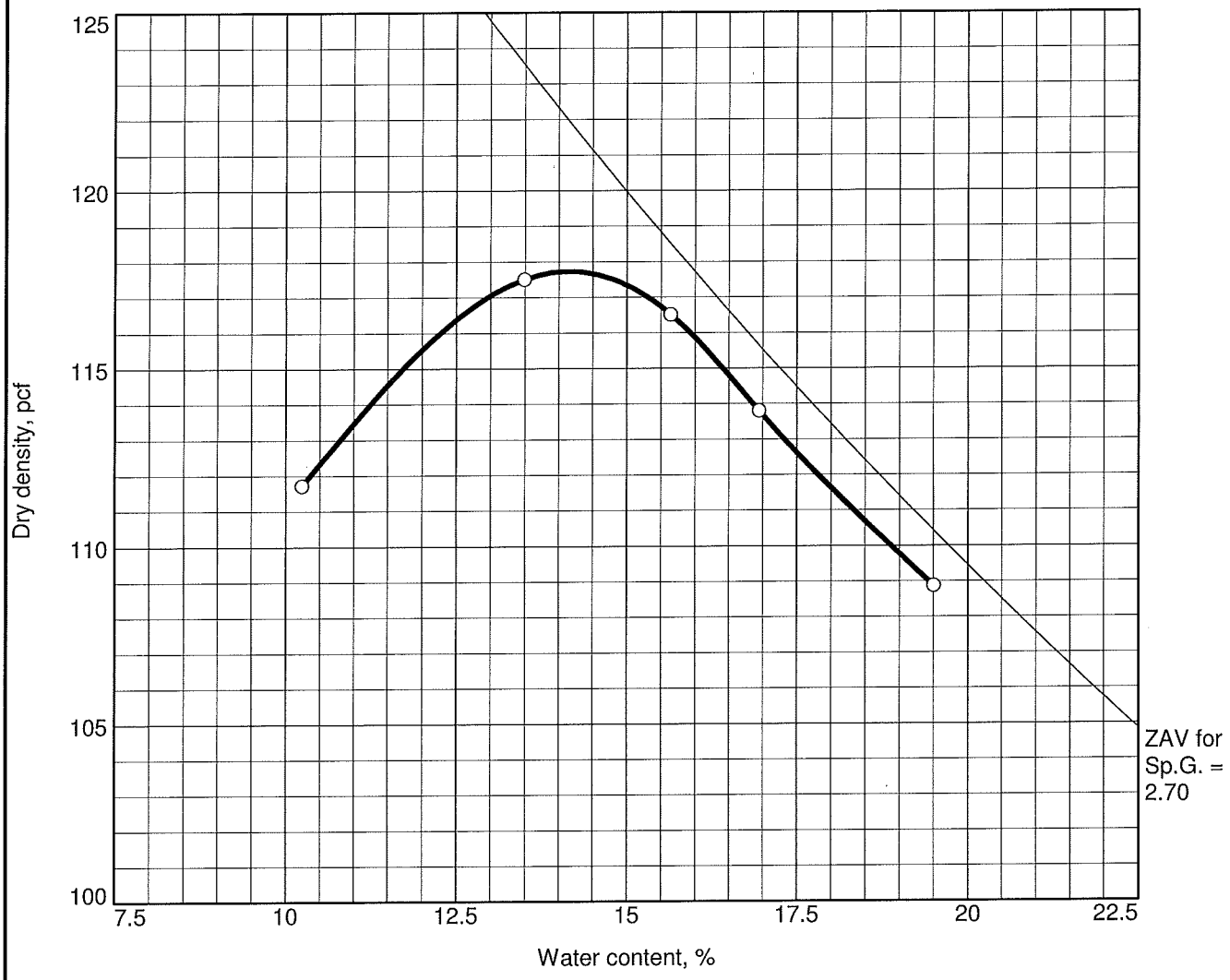
TRC Environmental Corp.

Madison, Wisconsin

Remarks:
382,400N/2,201,000E
Brown

Figure

COMPACTION TEST REPORT

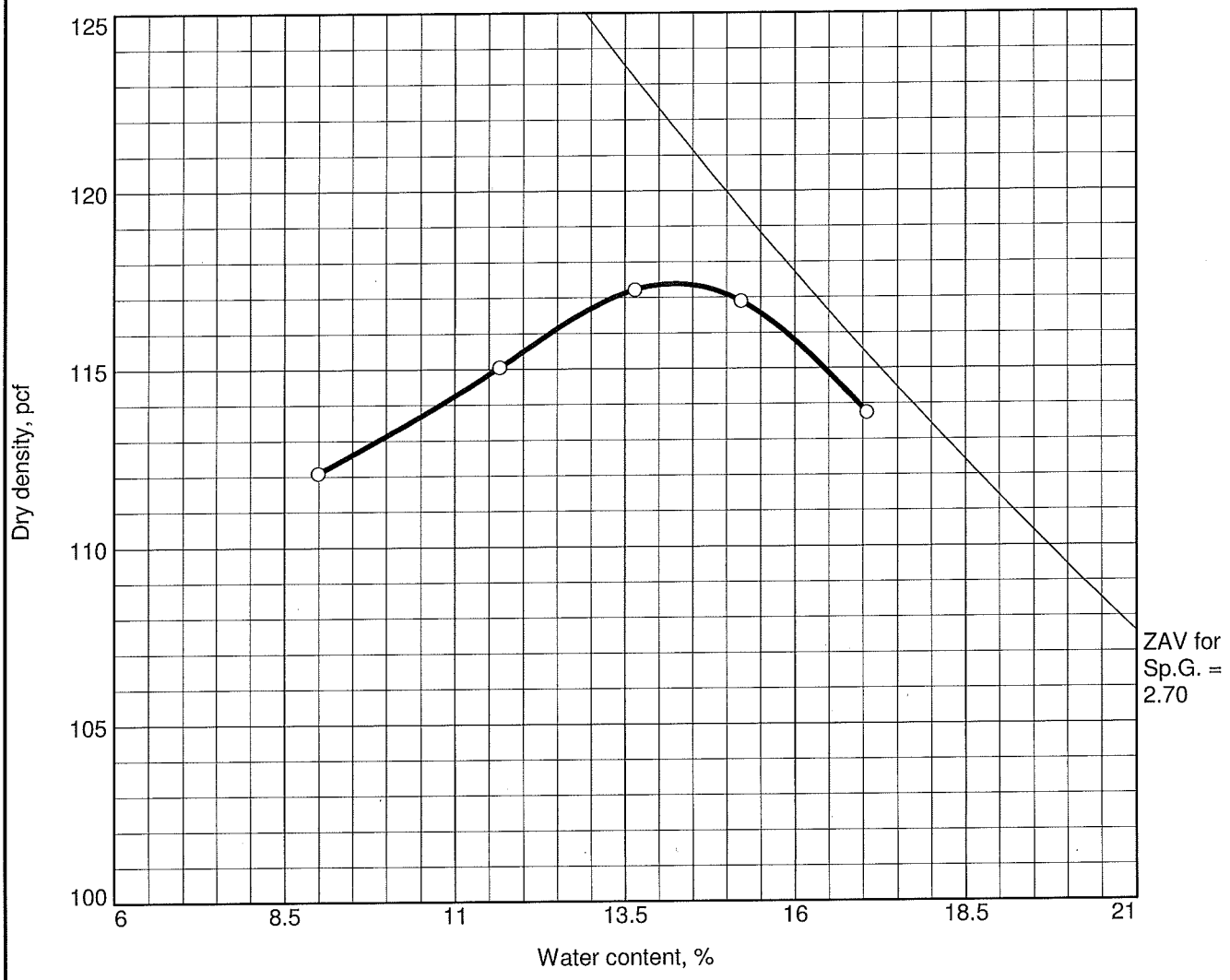


Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,700N/ 2,200,	CL	A-7-6(20)	22.8		41	22	0.8	90.4

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 117.7 pcf Optimum moisture = 14.1 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 1 **Sample Number:** B-3	**Remarks:** 382,700N/2,200,900E Brown
TRC Environmental Corp. **Madison, Wisconsin**	**Figure**

COMPACTION TEST REPORT

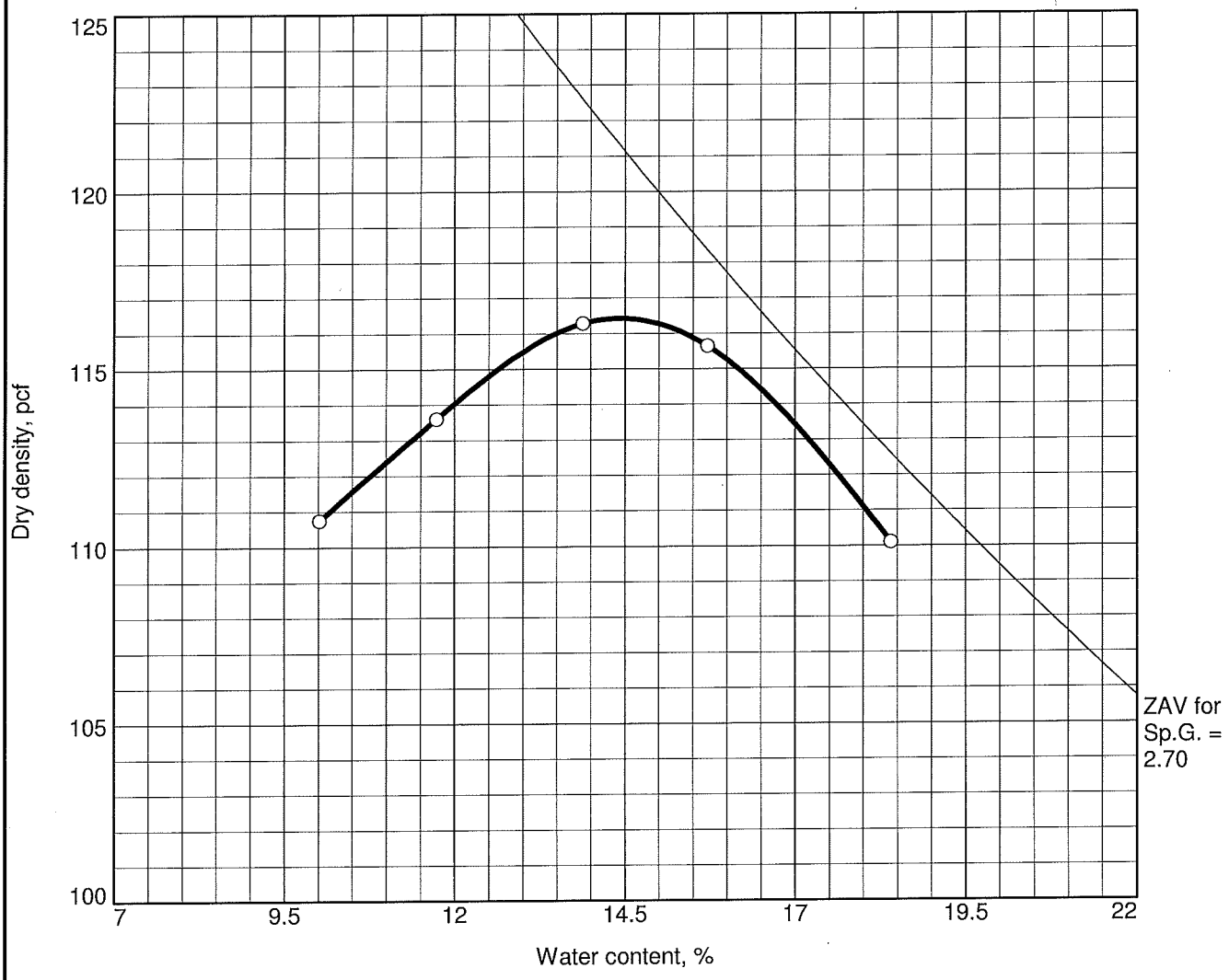


Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,350N/ 2,201,	CL	A-6(19)	22.6		40	21	0.8	88.4

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 117.4 pcf Optimum moisture = 14.2 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 2 **Sample Number:** B-4	**Remarks:** Brown
TRC Environmental Corp. **Madison, Wisconsin**	**Figure**

COMPACTION TEST REPORT

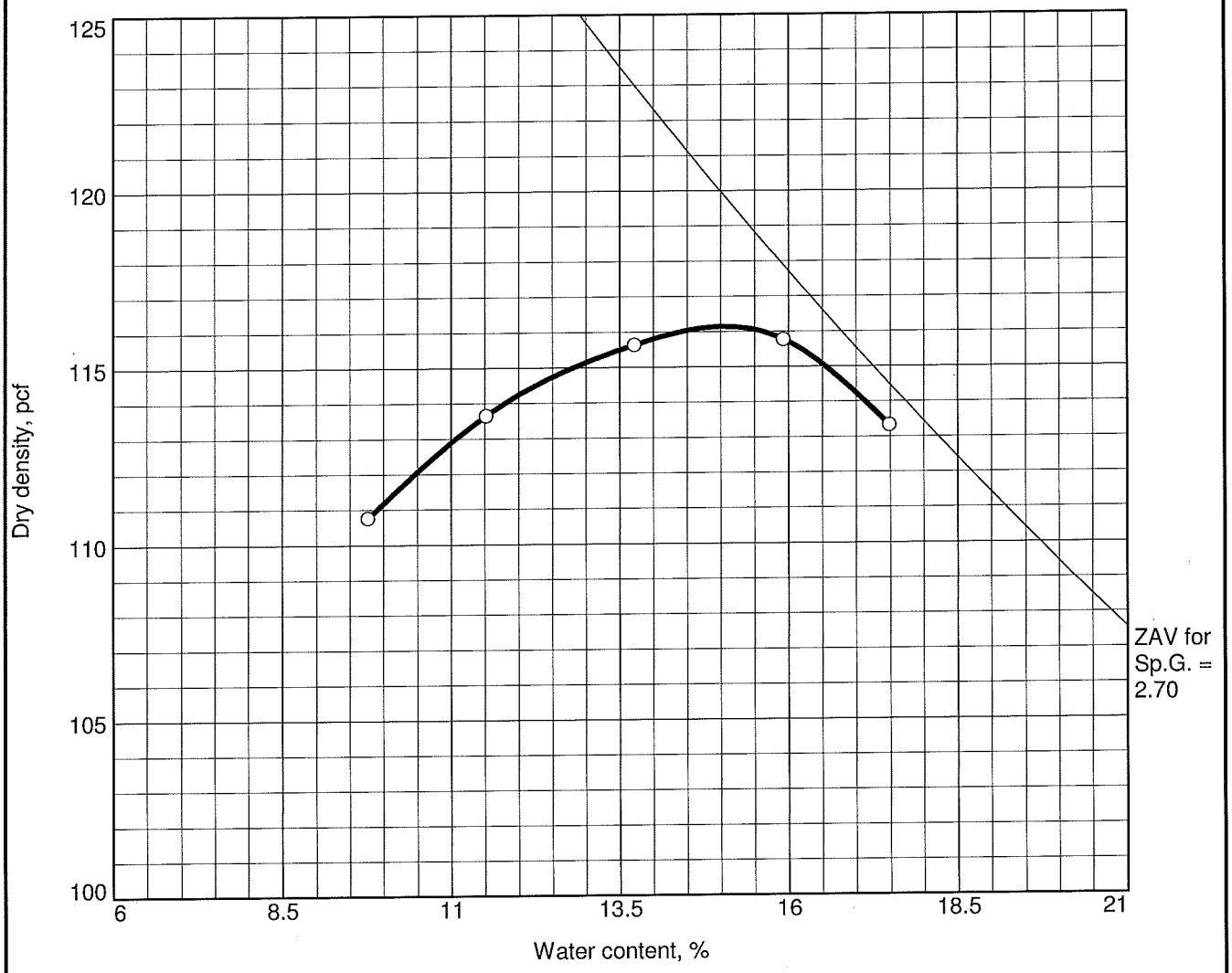


Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,750N/ 2,200,	CL	A-7-6(21)	25.1		41	22	0.6	93.0

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 116.4 pcf Optimum moisture = 14.4 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 2 **Sample Number:** B-5	**Remarks:** Brown
TRC Environmental Corp. **Madison, Wisconsin**	**Figure**

COMPACTION TEST REPORT

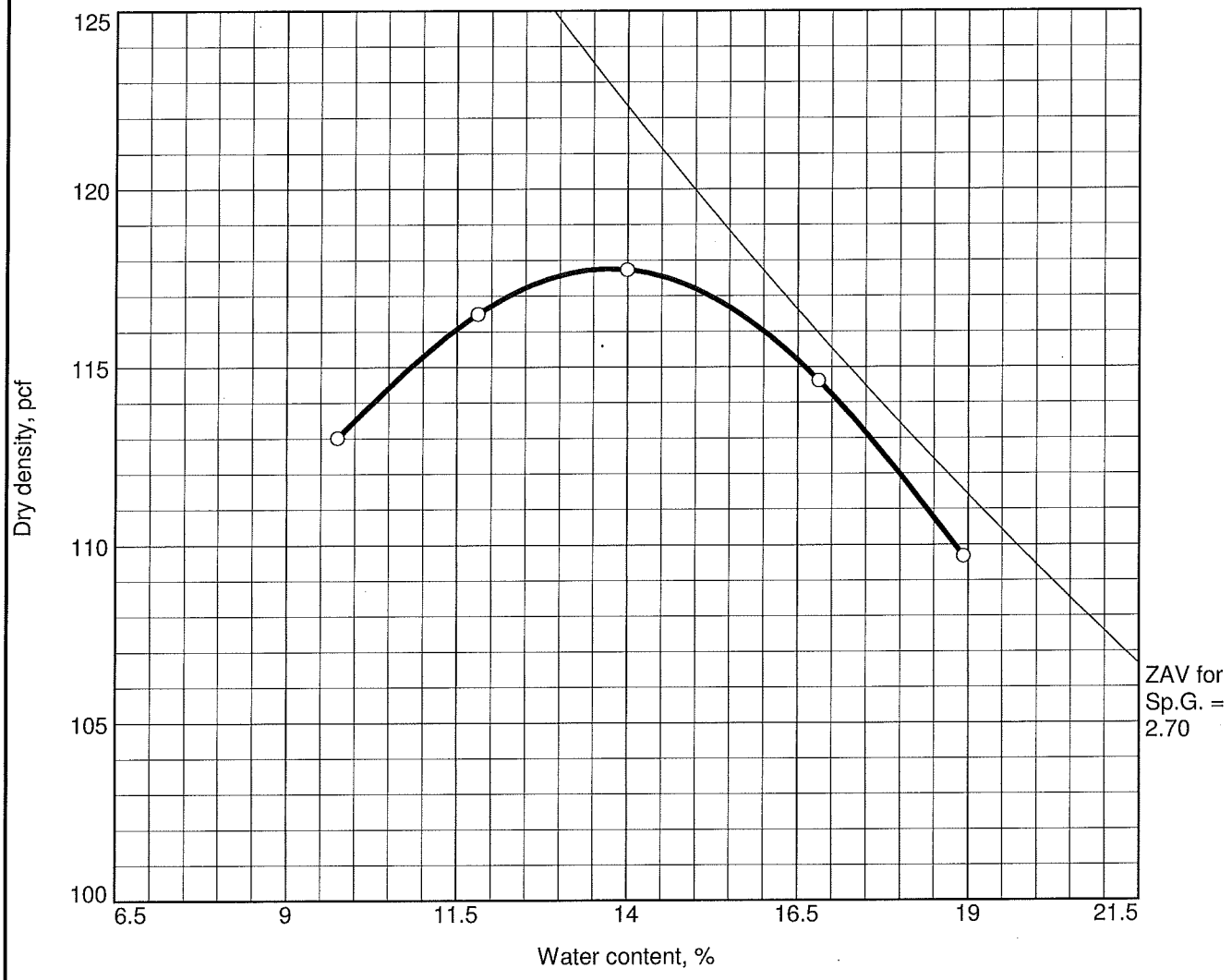


Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,050N/ 2,200,	CL	A-6(19)	22.3		39	20	0.6	91.9

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 116.1 pcf Optimum moisture = 15.0 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 2 **Sample Number:** B-6 **TRC Environmental Corp.** **Madison, Wisconsin**	**Remarks:** Brown **Figure**

COMPACTION TEST REPORT

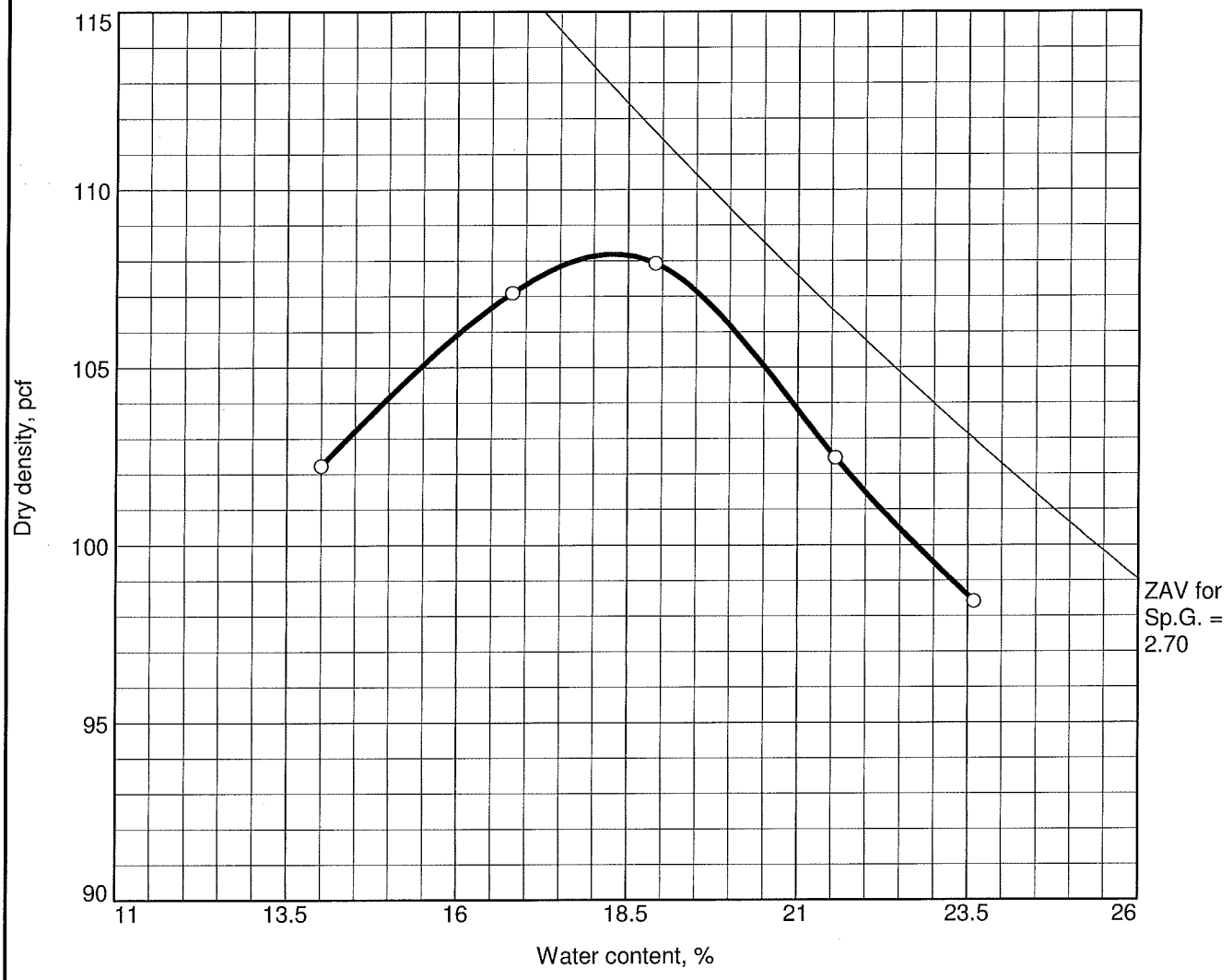


Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,700N/ 2,201,	CL	A-6(17)	24.7		38	20	3.3	86.7

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 117.8 pcf Optimum moisture = 13.7 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 3 **Sample Number:** B-7 (Modified) **TRC Environmental Corp.** **Madison, Wisconsin**	**Remarks:** Brown to Grayish Brown **Figure**

COMPACTION TEST REPORT



Test specification: ASTM D 698-00a Method A Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,700N/ 2,201,	CL	A-6(17)	24.7		38	20	3.3	86.7

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 108.2 pcf Optimum moisture = 18.3 %	Lean clay

Project No. 220142.0000 **Client:** Dane County
Project: Dane County Rodefeld

○ **Source of Sample:** Lift 3 **Sample Number:** B-7 (Standard)

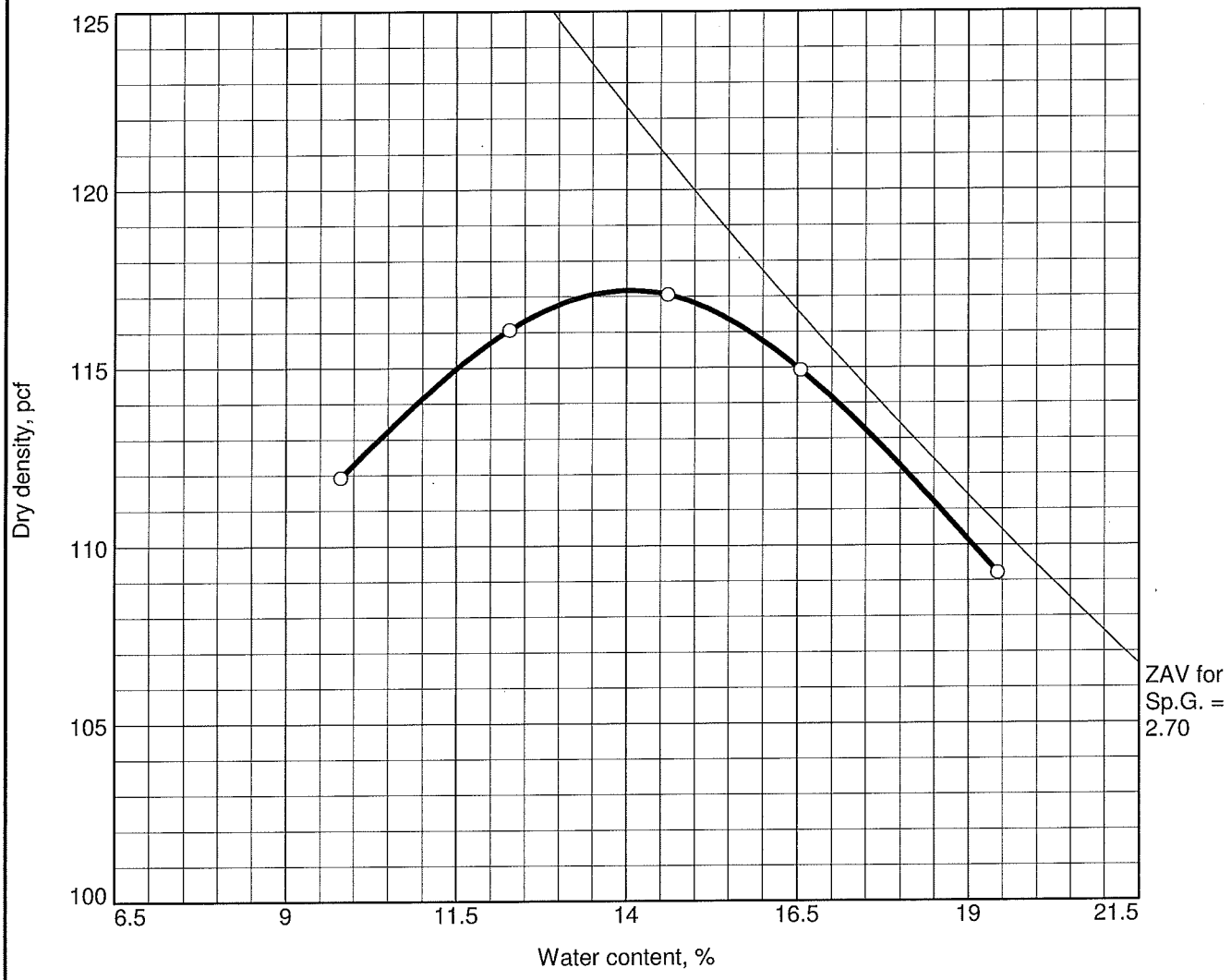
TRC Environmental Corp.

Madison, Wisconsin

Remarks:
Brown to Grayish Brown

Figure

COMPACTION TEST REPORT

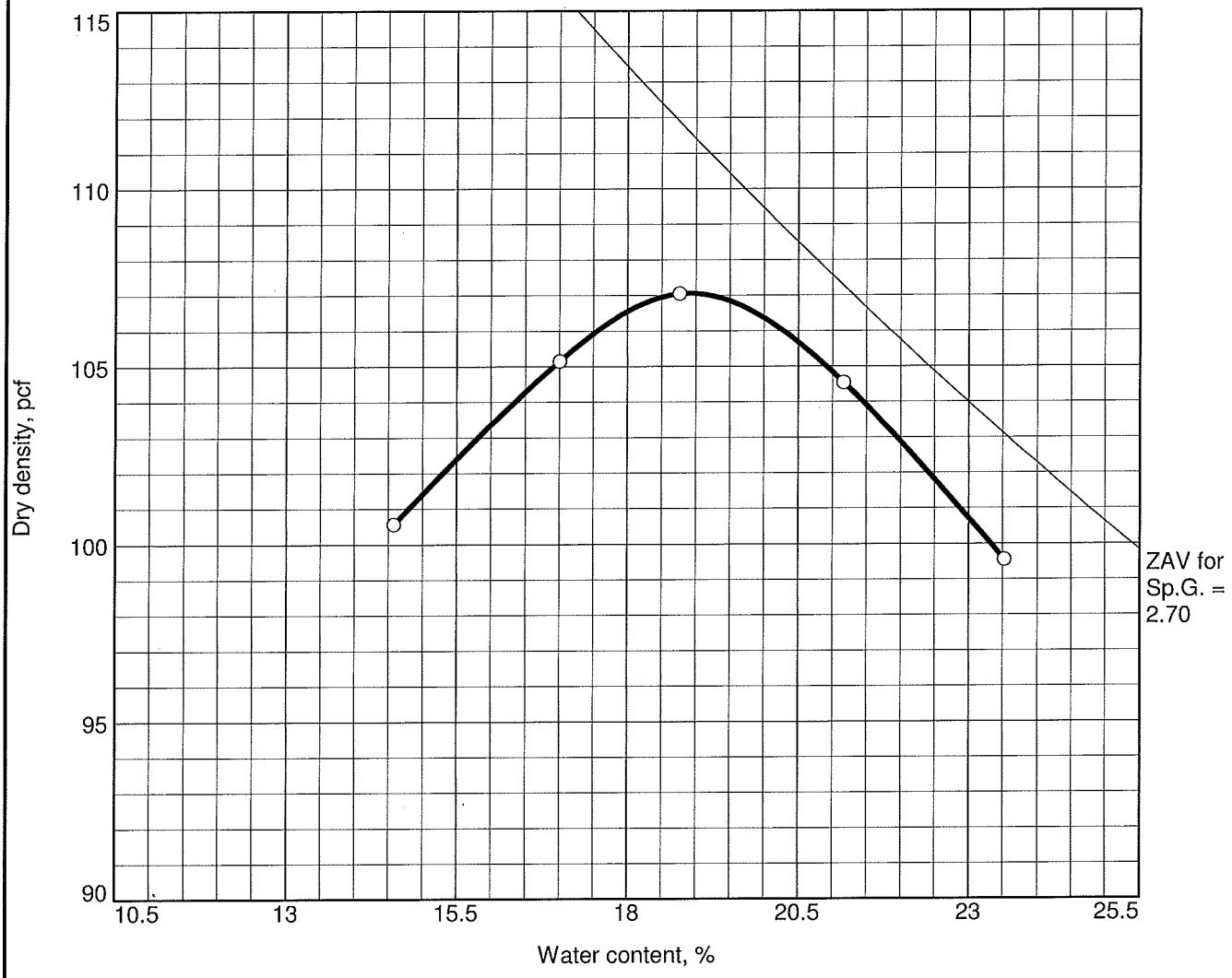


Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,700N/ 2,200,	CL		24.7		38	19	0.5	91.2

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 117.2 pcf Optimum moisture = 14.1 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 3 **Sample Number:** B-8 (Modified)	**Remarks:** Brown
TRC Environmental Corp. **Madison, Wisconsin**	**Figure**

COMPACTION TEST REPORT

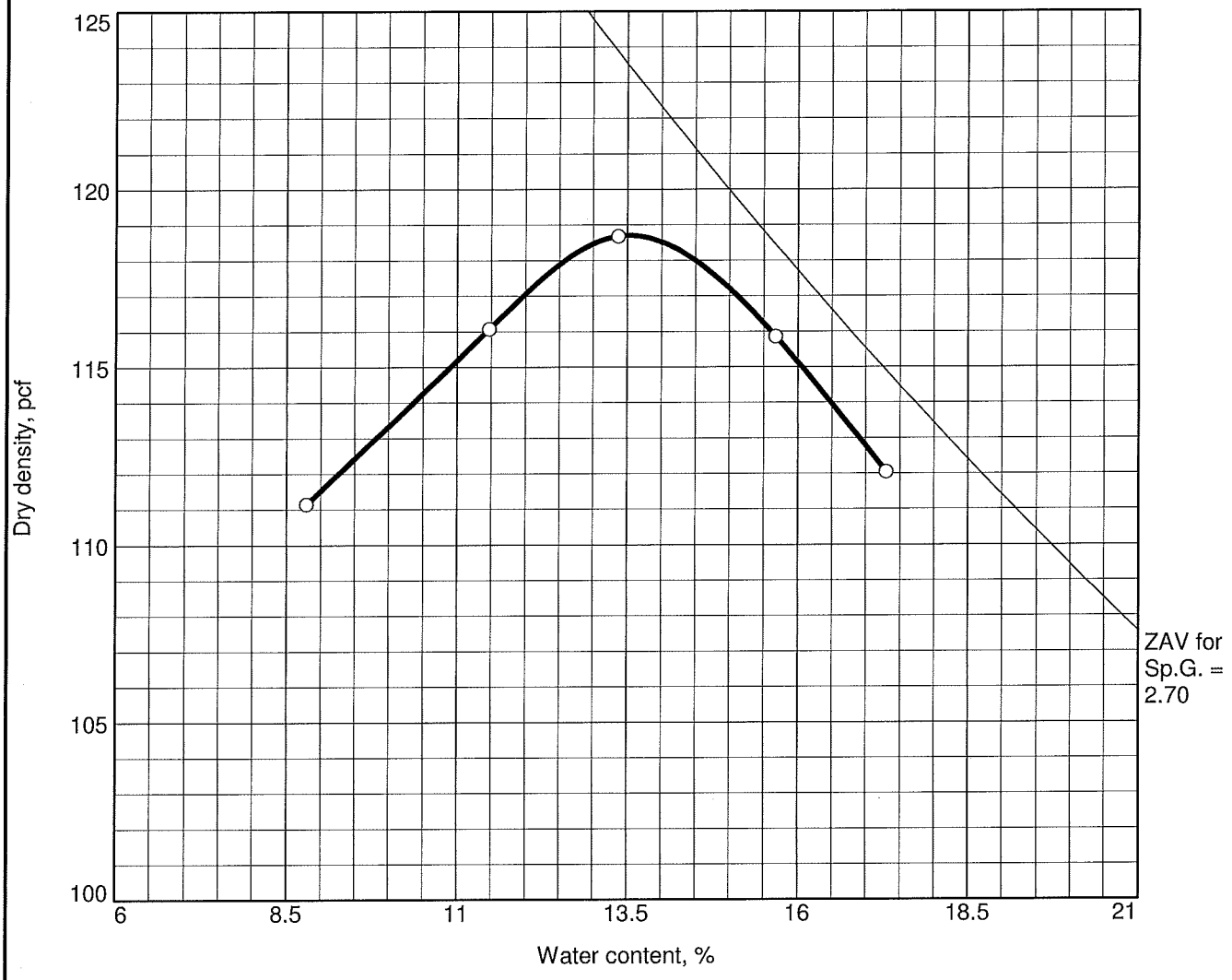


Test specification: ASTM D 698-00a Method A Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,700N/ 2,200,	CL	A-6(17)	24.7		38	19	0.5	91.2

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 107.1 pcf Optimum moisture = 18.9 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 3 **Sample Number:** B-8 (Standard) **TRC Environmental Corp.** **Madison, Wisconsin**	**Remarks:** Brown **Figure**

COMPACTION TEST REPORT



Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,100N/ 2,200,	CL	A-6(17)	23.8		38	21	4.2	84.2

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 118.7 pcf Optimum moisture = 13.5 %	Lean clay with sand

Project No. 220142.0000 **Client:** Dane County
Project: Dane County Rodefeld

○ **Source of Sample:** Lift 3 **Sample Number:** B-9 (Modified)

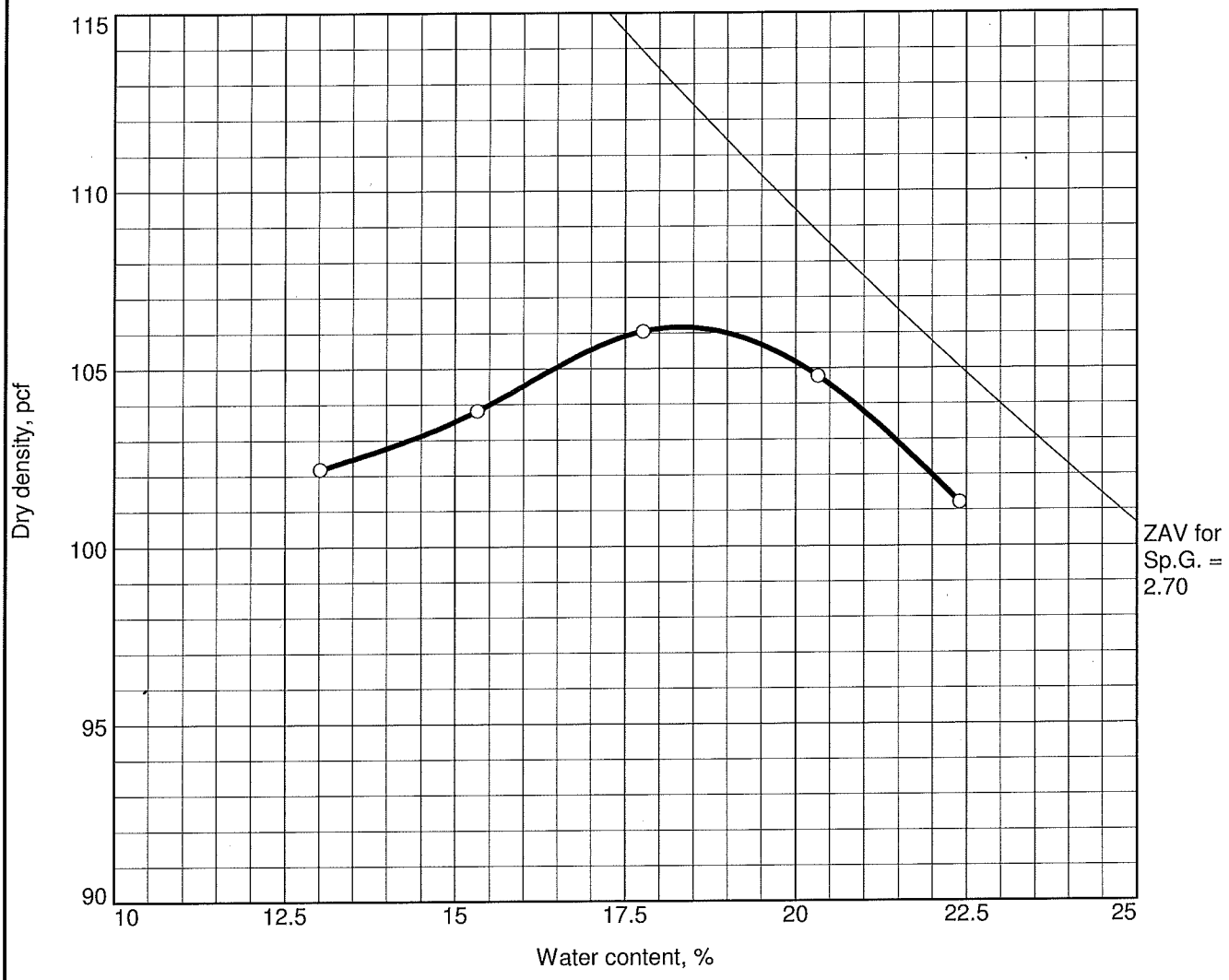
TRC Environmental Corp.

Madison, Wisconsin

Remarks:
Brown

Figure

COMPACTION TEST REPORT

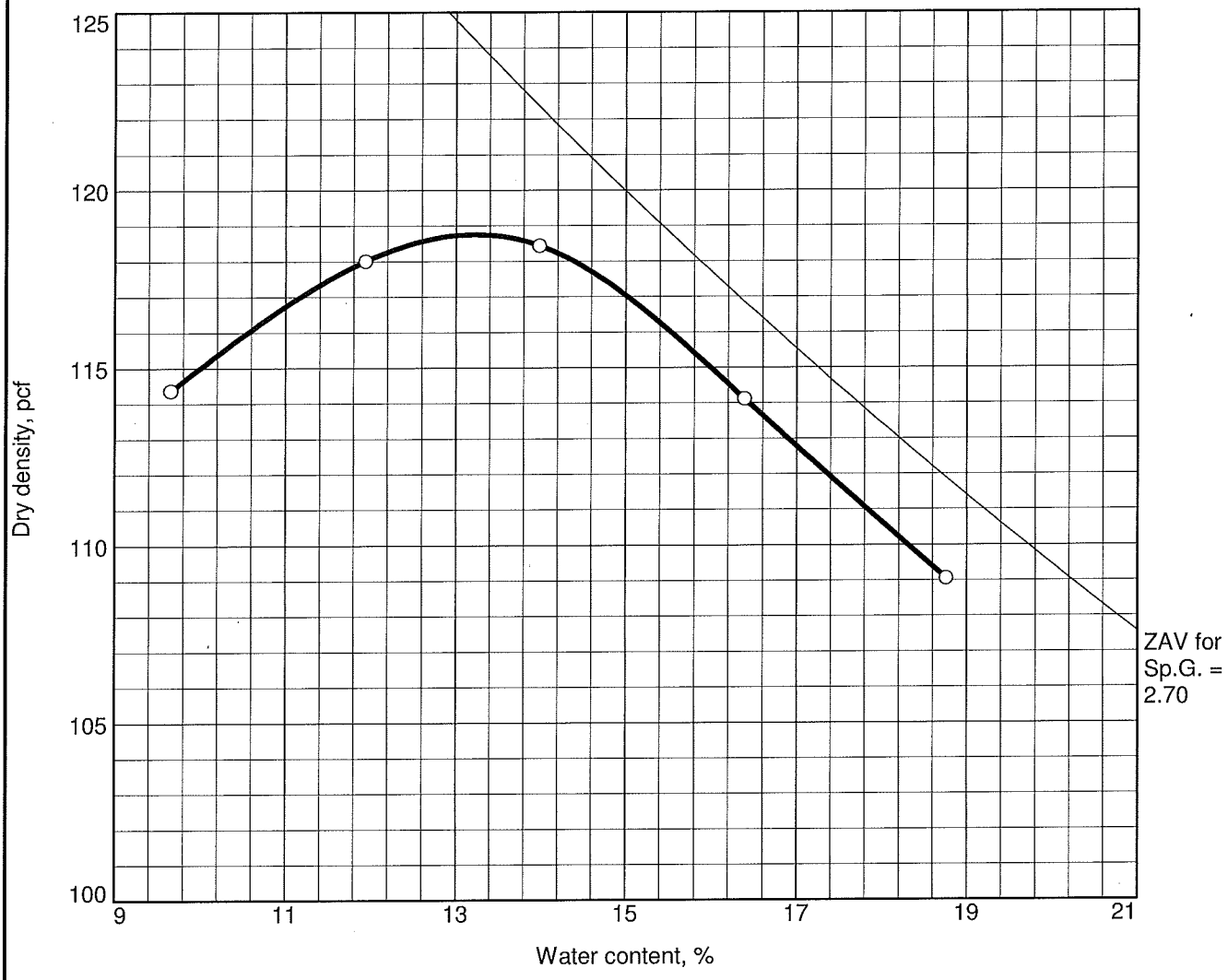


Test specification: ASTM D 698-00a Method A Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,100N/ 2,200,	CL	A-6(17)	23.8		38	21	4.2	84.2

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 106.2 pcf Optimum moisture = 18.3 %	Lean clay with sand
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 3 **Sample Number:** B-9 (Standard)	**Remarks:** Brown
TRC Environmental Corp. **Madison, Wisconsin**	**Figure**

COMPACTION TEST REPORT

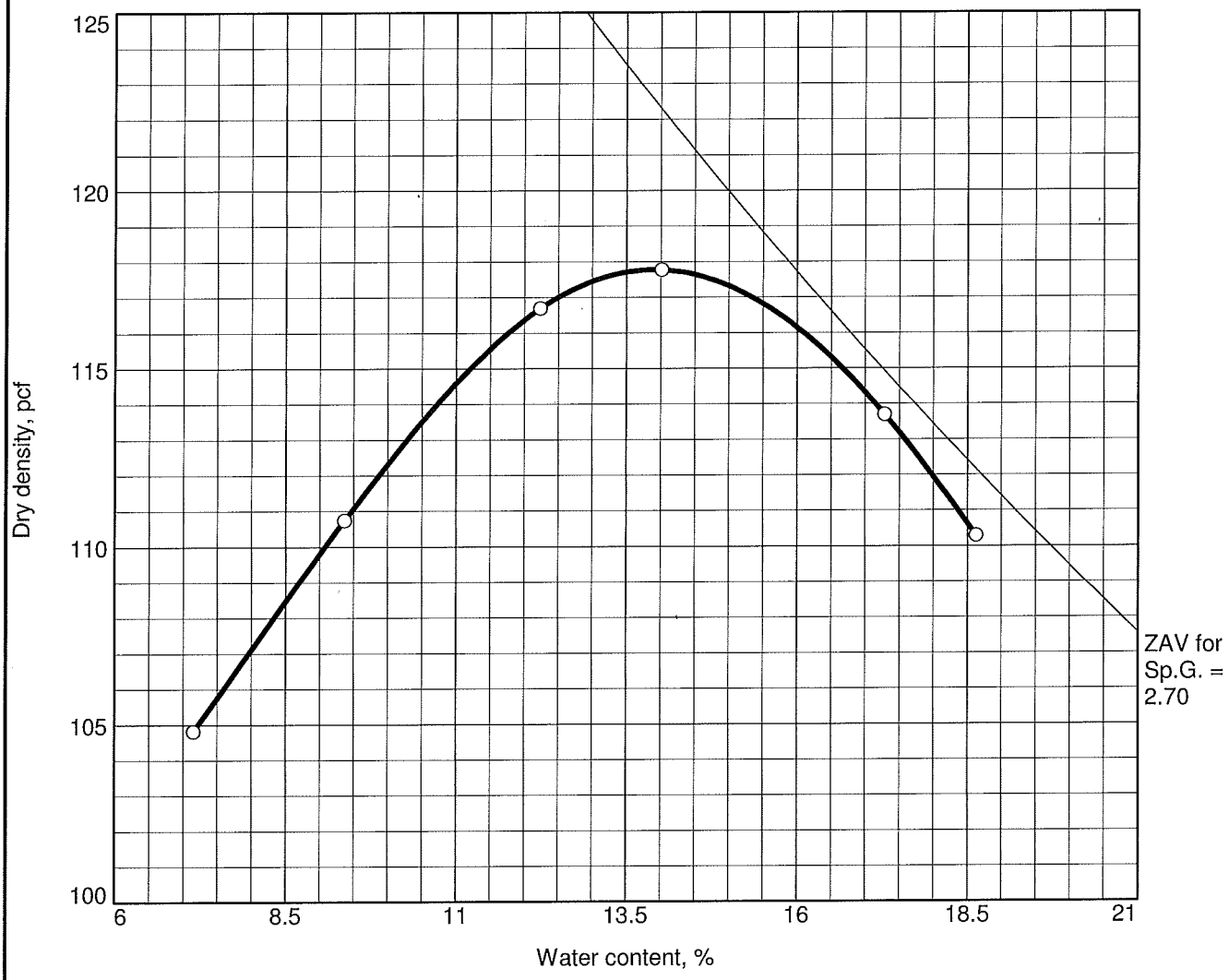


Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,350N/ 2,200,	CL	A-6(19)	24.3		40	20	0.4	92.8

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 118.8 pcf Optimum moisture = 13.2 %	Lean clay
Project No. 220142.0000 **Client:** Dane County **Project:** Dane County Rodefeld ○ **Source of Sample:** Lift 4 **Sample Number:** B-10 (Modified)	**Remarks:** Brown
TRC Environmental Corp. **Madison, Wisconsin**	**Figure**

COMPACTION TEST REPORT



Test specification: ASTM D 1557-02 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
382,250N/ 2,201,	CL	A-6(16)	21.7		38	19	3.8	85.5

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 117.8 pcf Optimum moisture = 13.9 %	Lean clay

Project No. 220142.0000 **Client:** Dane County
Project: Dane County Rodefeld

○ **Source of Sample:** Lift 4 **Sample Number:** B-11 (Modified)

TRC Environmental Corp.

Madison, Wisconsin

Remarks:
Brown

Figure

EASY STREET CLAY BORROW SITE

CLAY LABORATORY TEST RESULTS

Soil Test Summary
Easy Street Clay Borrow Site

	Grid Coordinates			Sample					
Test Pit	East (ft)	South (ft)	Sample #	Depth	Log	Lab Sheet	P200	LL	PI
E1 S1	100	100	1	20" - 36"	Jun-88	K1	99.4	50	28
E1 S1	100	100	2	72" - 84"	Jun-88	K14	94.7	27	10
E3 S1	300	100	1	18" - 30"	Jun-88	K2	100.0	48	26
E3 S1	300	100	2	48" - 60"	Jun-88	K15	98.9	33	14
E5 S1	500	100	1	24" - 36"	Jun-88	K3	100.0	48	27
E5 S1	500	100	2	78" - 84"	Jun-88	K16	97.0	34	13
E7 S1	700	100	1	36" - 48"	Jun-88	K4	98.2	43	22
E7 S1	700	100	2	90" - 100"	Jun-88	K17	97.8	26	7
E9 S1	900	100	1	36" - 48"	Jun-88	K5	99.4	43	24
E9 S1	900	100	2	70" - 80"	Jun-88	K18	88.0	26	9
E11 S1	1100	100	1	30" - 40"	Jun-88	K6	99.4	51	26
E11 S1	1100	100	2	50" - 64"	Jun-88	K19	90.8	40	19
E13 S1	1300	100	1	32" - 45"	Jun-88	K7	99.5	47	28
E13 S1	1300	100	2	60" - 76"	Jun-88	K20	99.2	36	15
E15 S1	1500	100	1	30" - 42"	Jun-88	K8	99.2	50	26
E15 S1	1500	100	2	70" - 80"	Jun-88	K21	97.6	35	15
E17 S1	1700	100	1	30" - 40"	Jun-88	K9	99.5	48	25
E17 S1	1700	100	2	60" - 70"	Jun-88	K22	99.2	39	16
E19 S1	1900	100	1	30" - 40"	Jun-88	K10	97.8	40	20
E19 S1	1900	100	2	50" - 60"	Jun-88	K23	94.3	34	17
E21 S1	2100	100	1	24" - 36"	Jun-88	K11	99.4	47	26
E21 S1	2100	100	2	36" - 48"	Jun-88	K24	92.8	44	25
E23 S1	2300	100	1	30" - 40"	Jun-88	K12	87.4	36	18
E23 S1	2300	100	2	60" - 70"	Jun-88	K25	99.1	49	26
E25 S1	2500	100	1	36" - 48"	Jun-88	K13	98.9	44	23
E25 S1	2500	100	2	80" - 90"	Jun-88	K26	99.0	36	17
E1 S3	100	300	1	24" - 40"	Jun-88	K27	79.8	36	16
E1 S3	100	300	2	24" - 40"	Jun-88	K40	50.2	26	8
E3 S3	300	300	1	30" - 40"	Jun-88	K28	97.7	41	18
E3 S3	300	300	2	70" - 80"	Jun-88	K41	91.4	38	14
E5 S3	500	300	1	30" - 40"	Jun-88	K29	97.4	46	22
E5 S3	500	300	2	70" - 85"	Jun-88	K42	99.2	34	11
E7 S3	700	300	1	40" - 60"	Jun-88	K30	99.6	51	27
E7 S3	700	300	2	70" - 80"	Jun-88	K43	98.7	40	16
E9 S3	900	300	1	30" - 48"	Jun-88	K31	99.6	46	23
E9 S3	900	300	2	72" - 84"	Jun-88	K44	98.2	33	14
E11 S3	1100	300	1	24" - 30"	Jun-88	K32	99.7	50	28
E11 S3	1100	300	2	60" - 72"	Jun-88	K45	98.6	38	14
E13 S3	1300	300	1	24" - 48"	Jun-88	K33	99.1	64	43
E13 S3	1300	300	2	60" - 75"	Jun-88	K46	93.7	39	15
E15 S3	1500	300	1	24" - 36"	Jun-88	K34	99.4	47	23
E15 S3	1500	300	2	36" - 48"	Jun-88	K47	93.8	43	23
E17 S3	1700	300	1	30" - 40"	Jun-88	K35	96.3	45	23
E17 S3	1700	300	2	50" - 60"	Jun-88	K48	97.3	40	17
E19 S3	1900	300	1	32" - 48"	Jun-88	K36	99.6	42	21

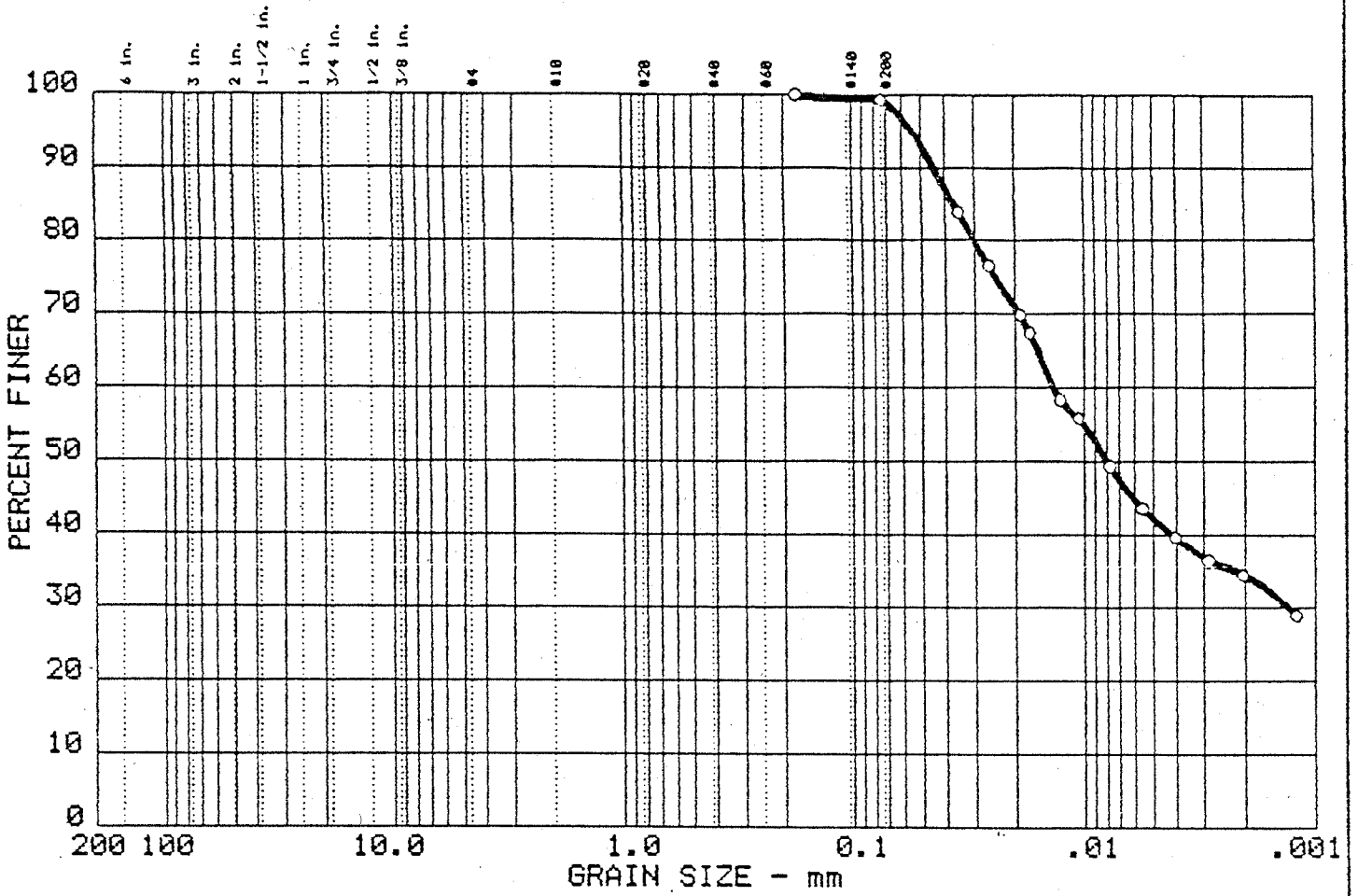
Soil Test Summary
Easy Street Clay Borrow Site

	Grid Coordinates			Sample					
Test Pit	East (ft)	South (ft)	Sample #	Depth	Log	Lab Sheet	P200	LL	PI
E19 S3	1900	300	2	60" - 72"	Jun-88	K49	95.4	42	20
E21 S3	2100	300	1	30" - 40"	Jun-88	K37	99.6	32	4
E21 S3	2100	300	2	60" - 72"	Jun-88	K50	97.2	41	17
E23 S3	2300	300	1	30" - 40"	Jun-88	K38	95.0	32	11
E23 S3	2300	300	2	45" - 55"	Jun-88	K51	88.1	40	18
E25 S3	2500	300	1	30" - 40"	Jun-88	K39	92.2	39	25
E25 S3	2500	300	2	60" - 70"	Jun-88	K52	88.0	33	12
E1 S5	100	500	1	18" - 36"	Jun-88	K53	99.5	50	27
E1 S5	100	500	2	45" - 60"	Jun-88	K65	96.9	38	17
E3 S5	300	500	1	15" - 25"	Jun-88	K54	98.2	44	25
E3 S5	300	500	2	20" - 30"	Jun-88	K66	94.3	36	14
E5 S5	500	500	1	20" - 30"	Jun-88	K55	98.9	44	18
E5 S5	500	500	2	50" - 65"	Jun-88	K67	98.2	33	11
E7 S5	700	500	1	36" - 48"	Jun-88	K56	94.4	42	17
E7 S5	700	500	2	66" - 84"	Jun-88	K68	99.4	33	11
E9 S5	900	500	1	36" - 48"	Jun-88	K57	99.0	46	20
E9 S5	900	500	2	50" - 65"	Jun-88	K69	97.5	39	15
E11 S5	1100	500	1	30" - 40"	Jun-88	K58	96.3	45	20
E11 S5	1100	500	2	60" - 78"	Jun-88	K70	97.2	36	12
E13 S5	1300	500	1	24" - 36"	Jun-88	K59	99.5	48	21
E13 S5	1300	500	2	60" - 75"	Jun-88	K71	93.1	37	13
E15 S5	1500	500	1	24" - 36"	Jun-88	K60	96.7	46	18
E15 S5	1500	500	2	60" - 70"	Jun-88	K72	96.7	30	11
E17 S5	1700	500	1	12" - 36"	Jun-88	K61	95.3	42	19
E17 S5	1700	500	2	20" - 30"	Jun-88	K73	99.5	37	16
E19 S5	1900	500	1	24" - 40"	Jun-88	K62	98.8	31	10
E19 S5	1900	500	2	30" - 48"	Jun-88	K74	98.5	36	15
E21 S5	2100	500	1	36" - 48"	Jun-88	K63	98.7	50	23
E21 S5	2100	500	2	60" - 84"	Jun-88	K75	93.5	34	14
E23 S5	2300	500	1	30" - 45"	Jun-88	K64	98.1	39	12
E23 S5	2300	500	2	36" - 54"	Jun-88	K76	84.8	37	16
E25 S5	2500	500	1	30" - 40"	Jun-88	None			
E25 S5	2500	500	2	54" - 74"	Jun-88	None			
E3 S7	300	700	None	None	Jun-88	None			
E5 S7	500	700	1	24" - 36"	Jun-88	K103	99.8	39	16
E5 S7	500	700	2	45" - 60"	Jun-88	K105	99.4	44	20
E7 S7	700	700	1	24" - 40"	Jun-88	K104	99.8	45	21
E7 S7	700	700	2	84" - 96"	Jun-88	K106	99.9	36	15
E9 S7	900	700	None	None	Jun-88	None			
E17 S7	1700	700	None	None	Jun-88	None			
E19 S7	1900	700	None	None	Jun-88	None			
E21 S7	2100	700	1	12" - 24"	Jun-88	K77	98.3	42	18
E21 S7	2100	700	2	24" - 36"	Jun-88	K80	88.3	42	25
E23 S7	2300	700	1	20" - 32"	Jun-88	K78	99.2	48	24
E23 S7	2300	700	2	60" - 72"	Jun-88	K81	95.4	32	13

Soil Test Summary
Easy Street Clay Borrow Site

	Grid Coordinates			Sample					
Test Pit	East (ft)	South (ft)	Sample #	Depth	Log	Lab Sheet	P200	LL	PI
E25 S7	2500	700	1	36" - 48"	Jun-88	K79	93.7	49	29
E25 S7	2500	700	2	75" - 90"	Jun-88	K82	97.5	34	14
E5 S9	500	900	1	24" - 36"	Jun-88	K107	99.6	43	17
E5 S9	500	900	2	84" - 120"	Jun-88	K109	99.6	34	12
E7 S9	700	900	1	18" - 30"	Jun-88	K108	88.2	41	18
E7 S9	700	900	2	30" - 48"	Jun-88	K110	84.3	42	19
E17 S9	1700	900	None	None	Jun-88	None			
E19 S9	1900	900	None	None	Jun-88	None			
E21 S9	2100	900	1	12" - 24"	Jun-88	K83	96.6	49	23
E21 S9	2100	900	2	24" - 36"	Jun-88	K86	92.9	41	18
E23 S9	2300	900	1	18" - 30"	Jun-88	K84	99.0	45	20
E23 S9	2300	900	2	50" - 60"	Jun-88	K87	97.2	32	10
E25 S9	2500	900	1	18" - 36"	Jun-88	K85	99.2	49	25
E25 S9	2500	900	2	60" - 84"	Jun-88	K88	96.8	30	8
E7 S11	700	1100	None	None	Jun-88	None			
E19 S11	1900	1100	None	None	Jun-88	None			
E21 S11	2100	1100	1	20" - 30"	Jun-88	K111	98.8	41	26
E21 S11	2100	1100	2	30" - 50"	Jun-88	K113	89.1	33	13
E23 S11	2300	1100	1	12" - 24"	Jun-88	K112	98.3	44	21
E23 S11	2300	1100	2	30" - 45"	Jun-88	K114	92.6	34	10
E25 S11	2500	1100	None	None	Jun-88	None			

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	9	0.0	0.0	0.6	57.2	42.2	CH

SIEVE inches size	PERCENT FINER ○		
	GRAIN SIZE		
D_{60} D_{30} D_{10}	0.00		
	COEFFICIENTS		
C_c C_u			

SIEVE number size	PERCENT FINER ○		
80	100.0		
200	99.4		

Sample information:
○Fat Clay, trace sand

E1 S1 Sample #1

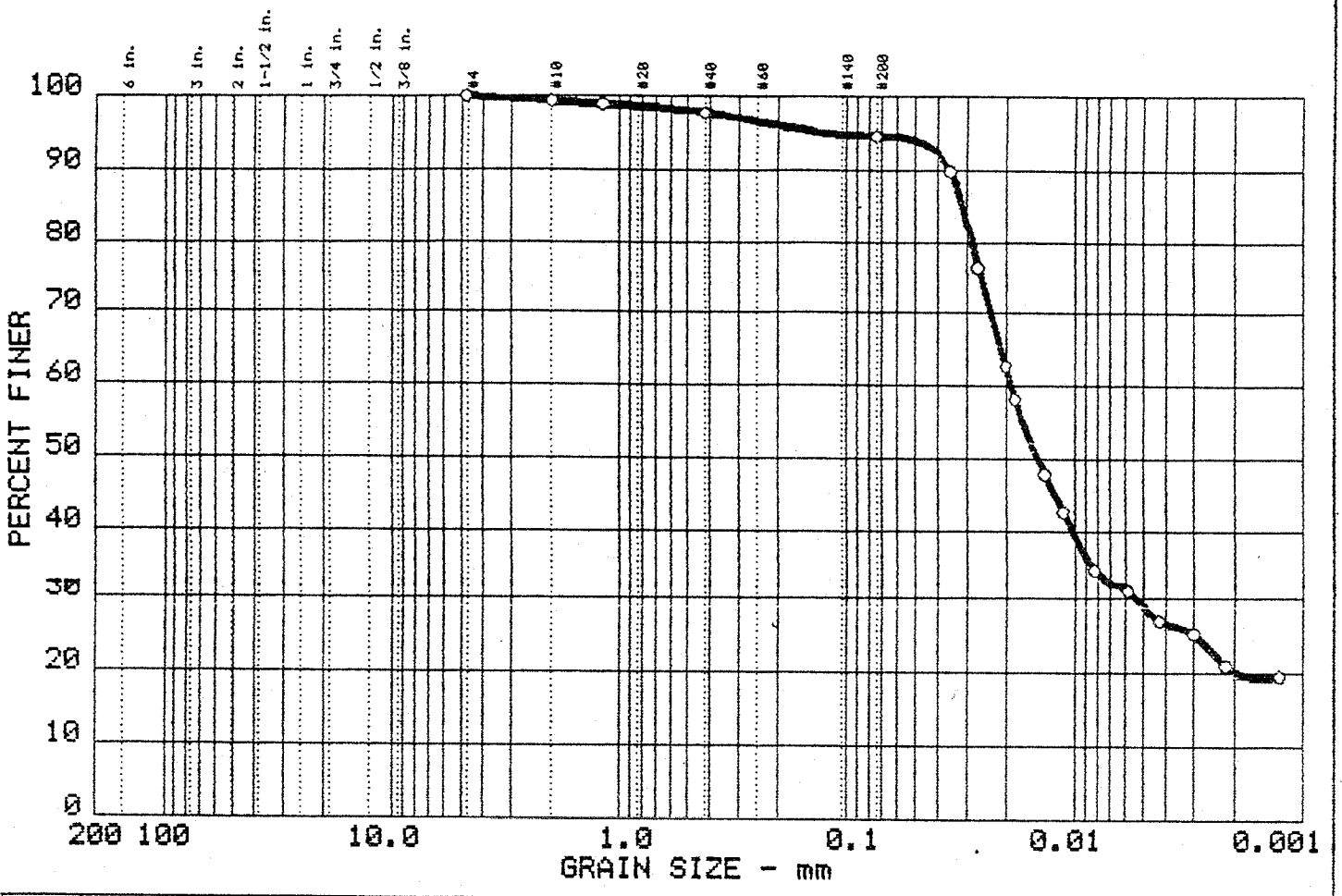
Remarks:
Liquid Limit = 50
Plasticity Index = 28

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K1

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	1	0.0	0.0	5.3	65.7	29.0	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.01		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○
4	100.0
10	99.3
16	98.9
40	97.8
200	94.7

Sample information:
○Lean Clay, trace sand

E1 S1 Sample #2

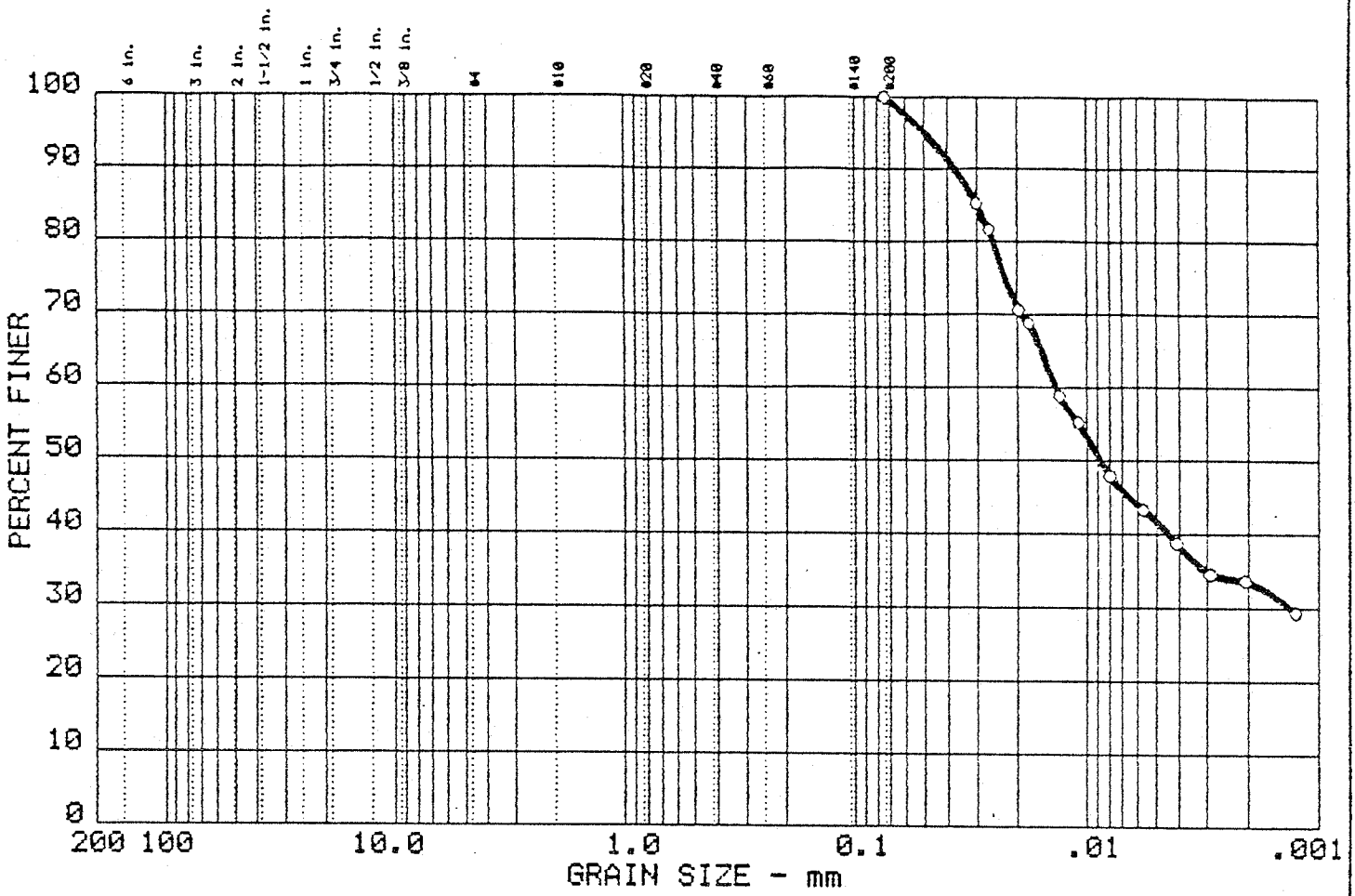
Remarks:
Liquid Limit = 27
Plasticity Index = 10

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K14

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	10	0.0	0.0	0.0	58.3	41.7	CL

SIEVE inches size	PERCENT FINER ○		
	GRAIN SIZE		
D_{60} D_{30} D_{10}	0.00		
	COEFFICIENTS		
C_c C_u			

SIEVE number size	PERCENT FINER ○		
200	100.0		

Sample information:
○ Lean Clay, trace sand

E3 S1 Sample #1

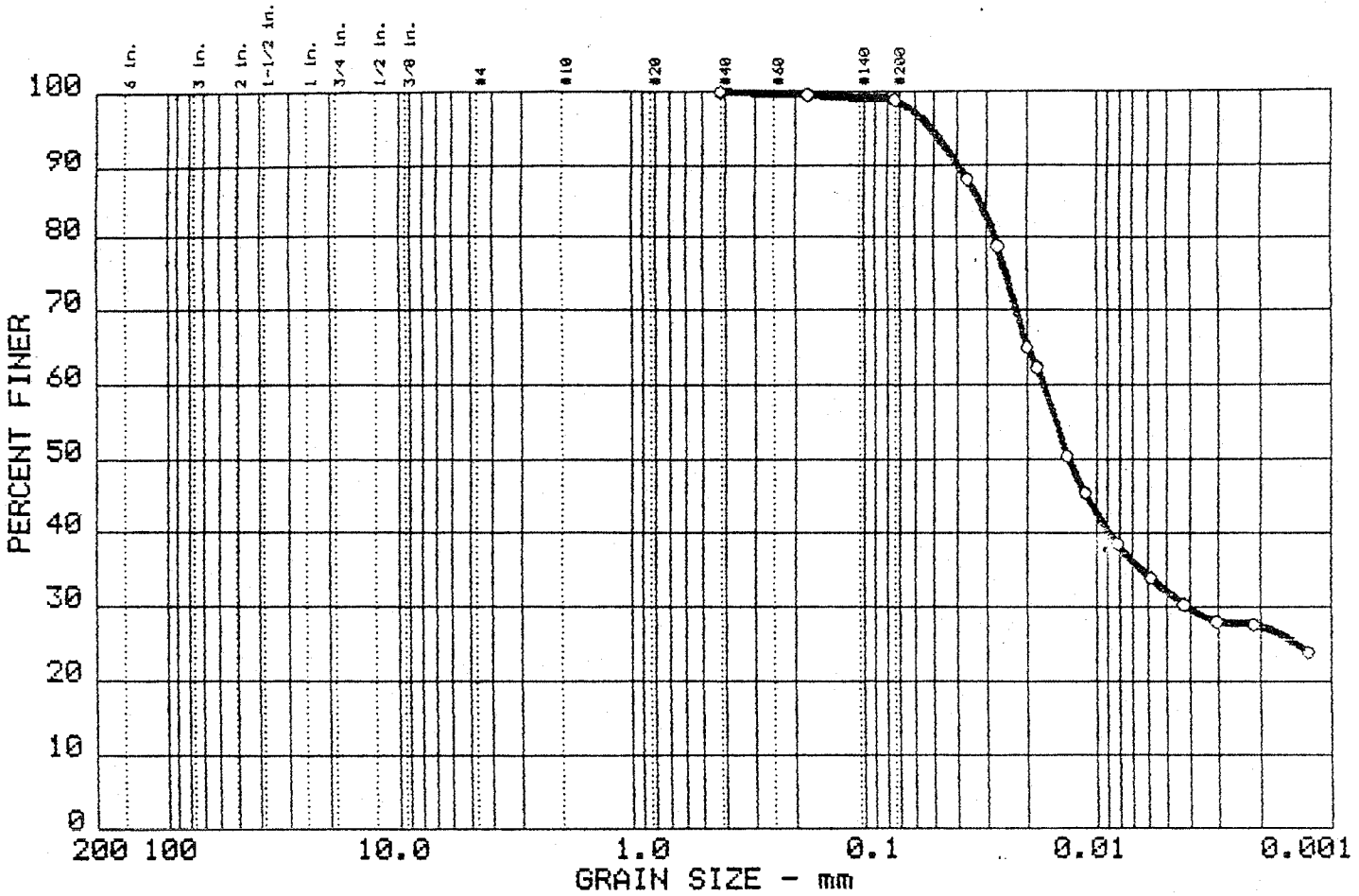
Remarks:
Liquid Limit = 48
Plasticity Index = 26

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K2

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	2	0.0	0.0	1.1	66.8	32.1	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
40	100.0		
80	99.7		
200	98.9		

Sample information:
○Lean Clay, trace sand

E3 S1 Sample #2

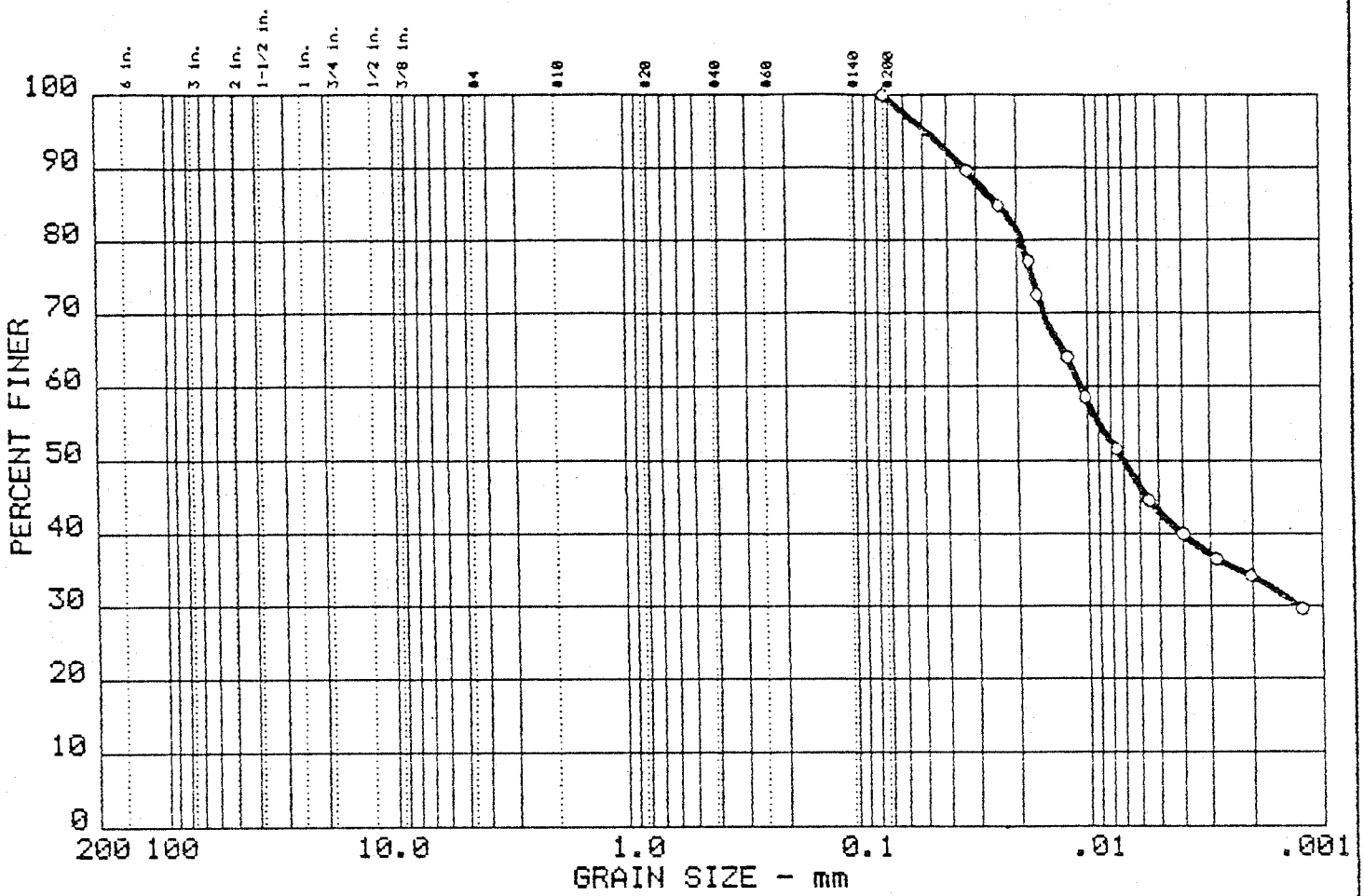
Remarks:
Liquid Limit = 33
Plasticity Index = 14

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K15

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	11	0.0	0.0	0.0	57.0	43.0	CL

SIEVE inches size	PERCENT FINER ○		
	GRAIN SIZE		
D_{60} D_{30} D_{10}	0.00		
	COEFFICIENTS		
C_c C_u			

SIEVE number size	PERCENT FINER ○		
200	100.0		

Sample information:
○ Lean Clay, trace sand

E5 S1 Sample #1

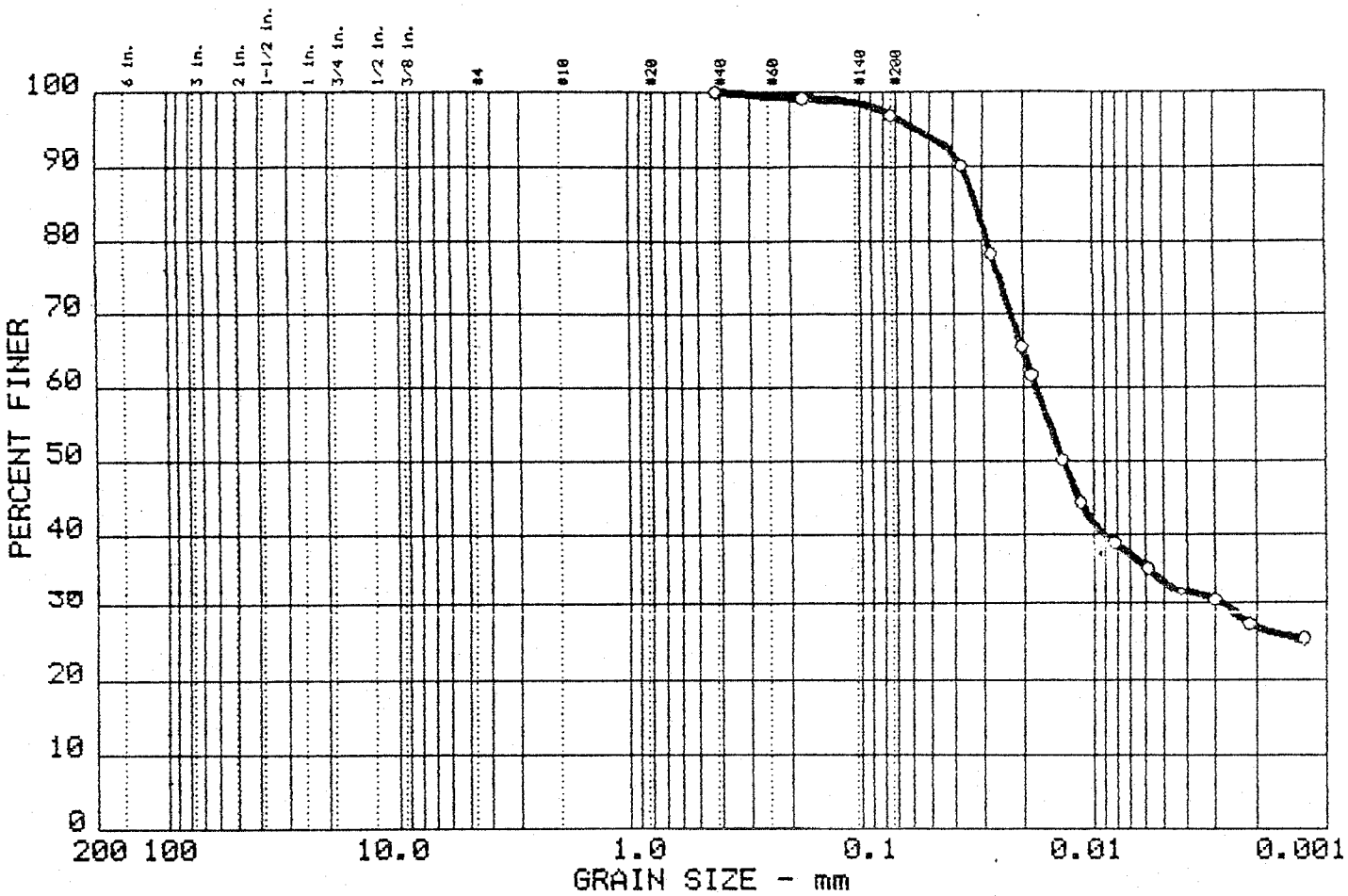
Remarks:
Liquid Limit = 48
Plasticity Index = 27

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K3

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	3	0.0	0.0	3.0	63.4	33.6	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
40	100.0		
80	99.2		
200	97.0		

Sample information:
○ Lean Clay, trace sand

E5 S1 Sample #2

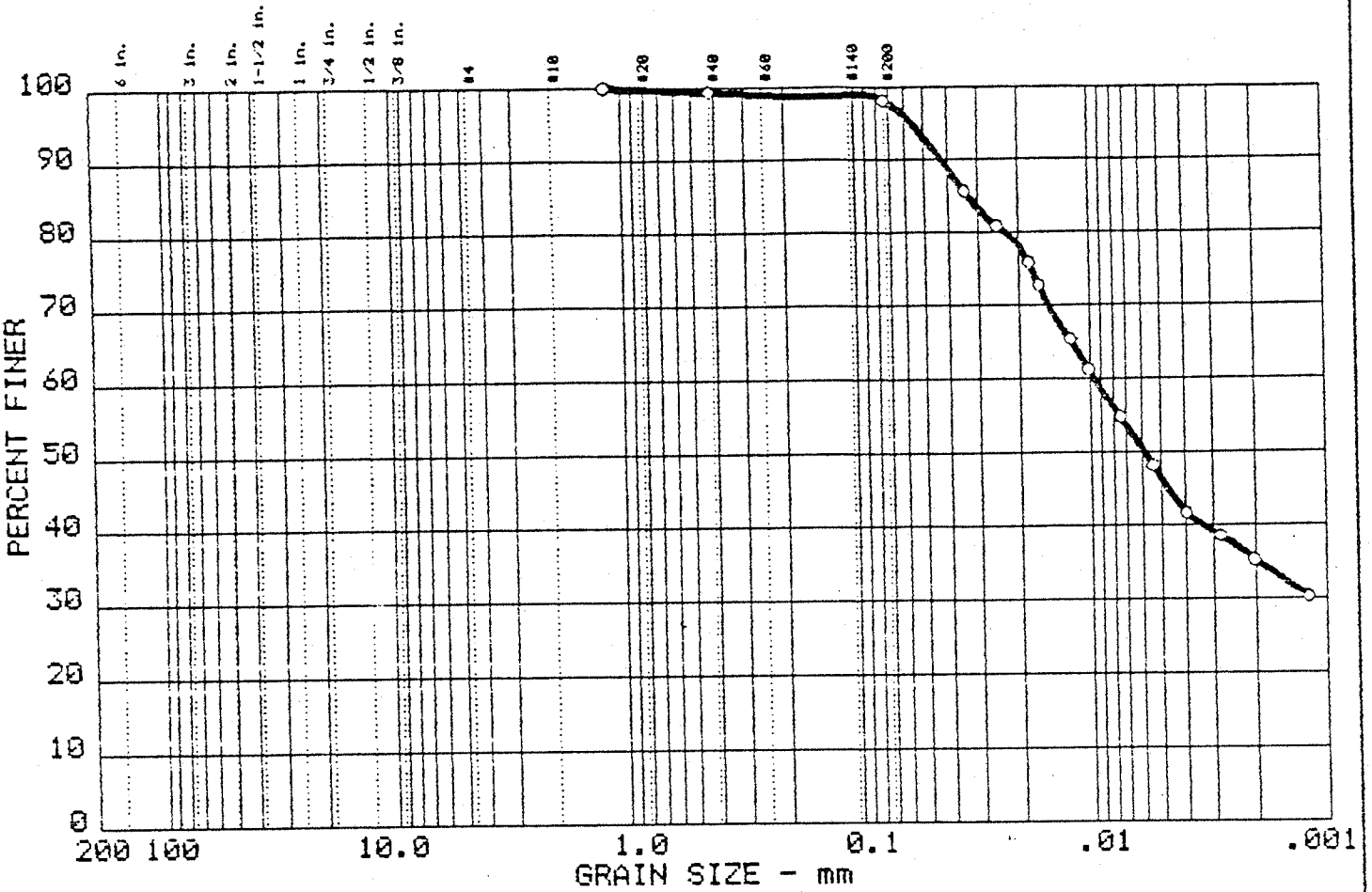
Remarks:
Liquid Limit = 34
Plasticity Index = 13

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K16

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	12	0.0	0.0	1.8	51.7	46.5	CL

SIEVE inches size	PERCENT FINER ○

SIEVE number size	PERCENT FINER ○
16	100.0
40	99.4
200	98.2

GRAIN SIZE
D_{60}
D_{30}
D_{10}

COEFFICIENTS
C_c
C_u

Sample information:
○ Lean Clay, trace sand

E7 S1 Sample #1

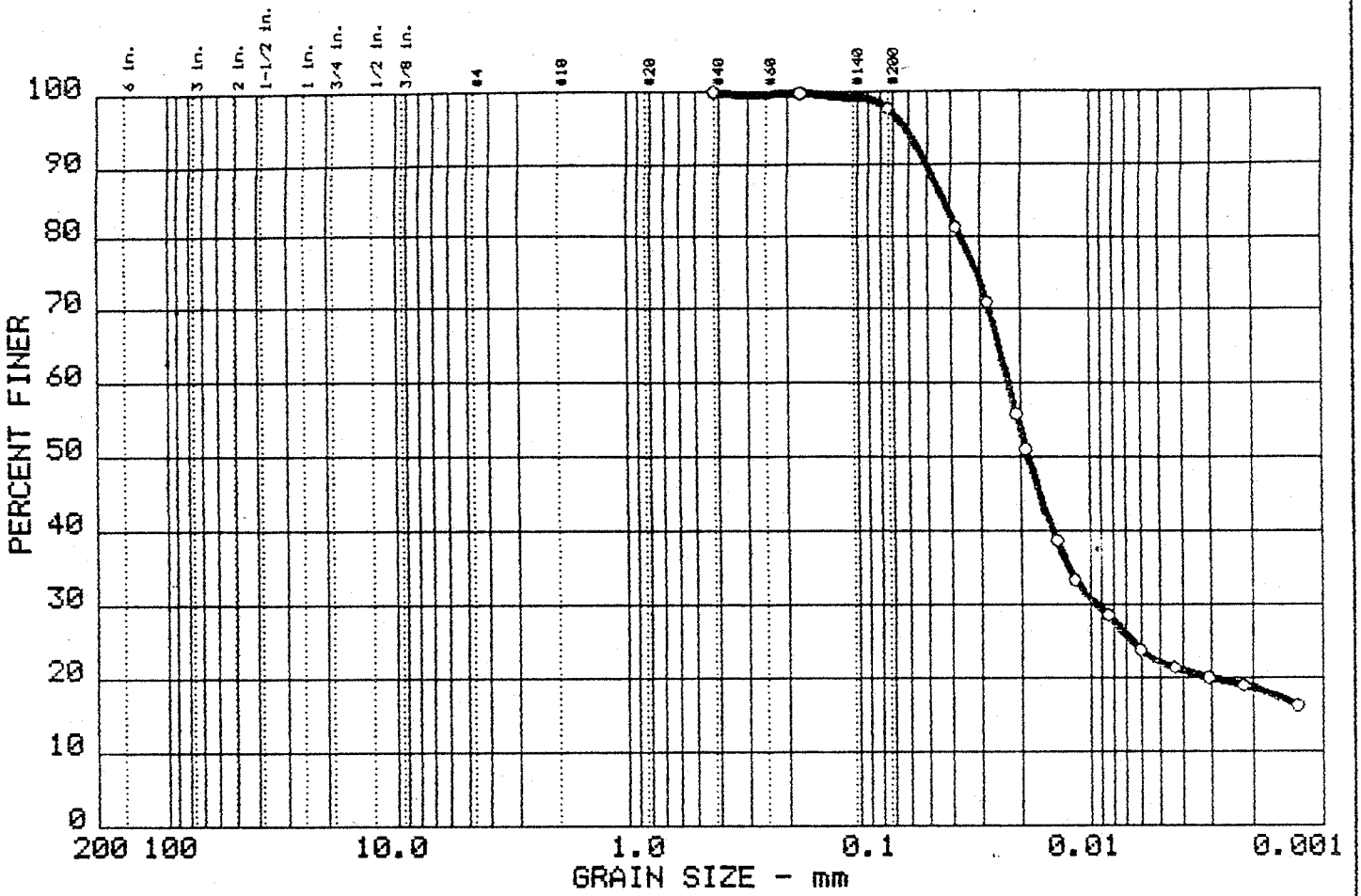
Remarks:
Liquid Limit = 43
Plasticity Index = 22

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K4

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	4	0.0	0.0	2.2	75.7	22.1	CL-ML

SIEVE inches size	PERCENT FINER ○		
	GRAIN SIZE		
D_{60} D_{30} D_{10}	0.01		
	COEFFICIENTS		
C_c C_u			

SIEVE number size	PERCENT FINER ○		
40	100.0		
80	99.8		
200	97.8		

Sample information:
○ Silty Clay, trace sand

E7 S1 Sample #2

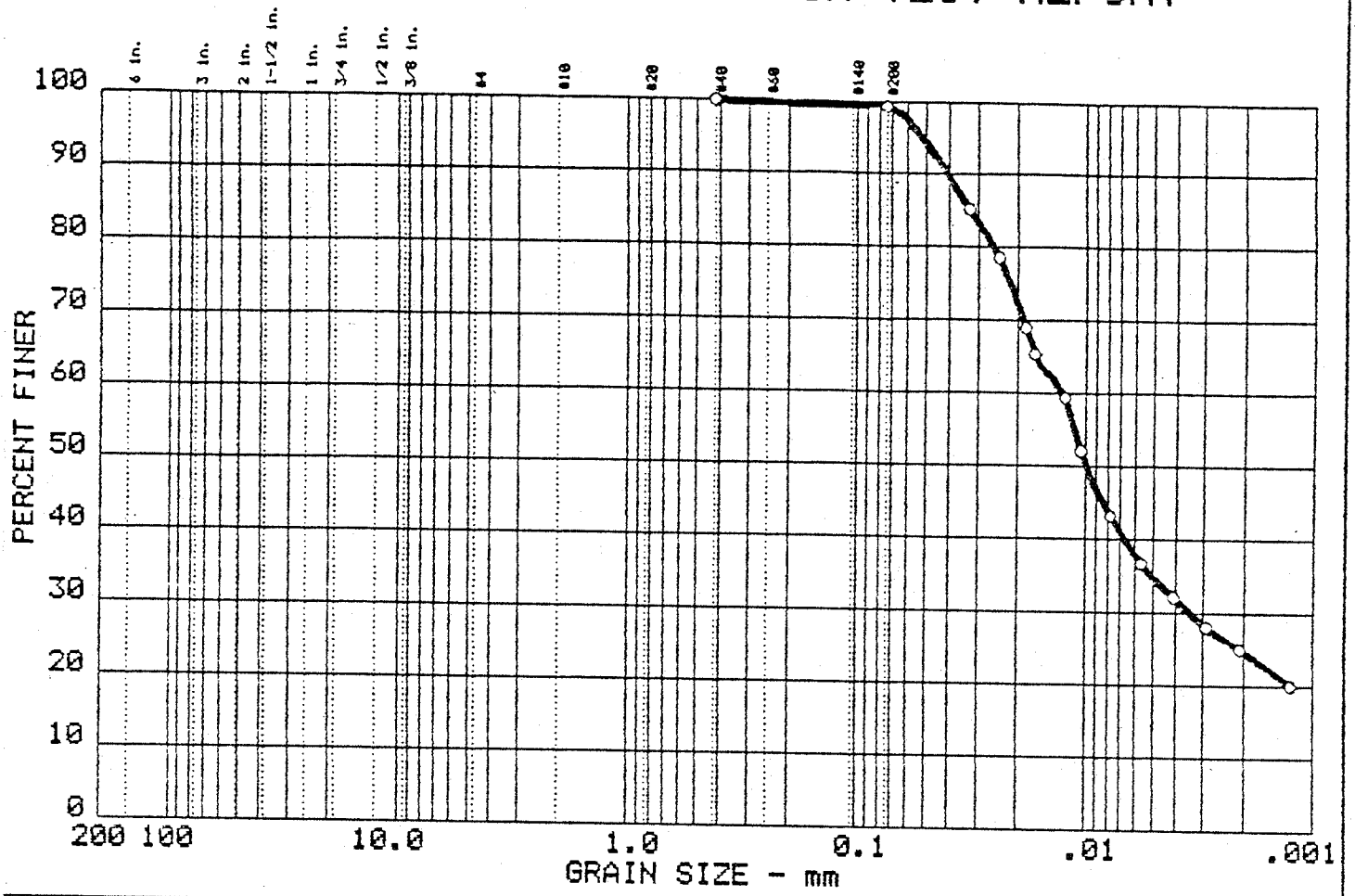
Remarks:
Liquid Limit = 26
Plasticity Index = 7

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K17

PARTICLE SIZE DISTRIBUTION TEST REPORT



Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
13	0.0	0.0	0.6	64.7	34.7	CL

SIEVE inches size	PERCENT FINER ○		

GRAIN SIZE			
D_{60}	0.00		
D_{30}			
D_{10}			

COEFFICIENTS			
C_c			
C_u			

SIEVE number size	PERCENT FINER ○		
40	100.0		
200	99.4		

Sample information:
○ Lean Clay, trace sand

E9 S1 Sample #1

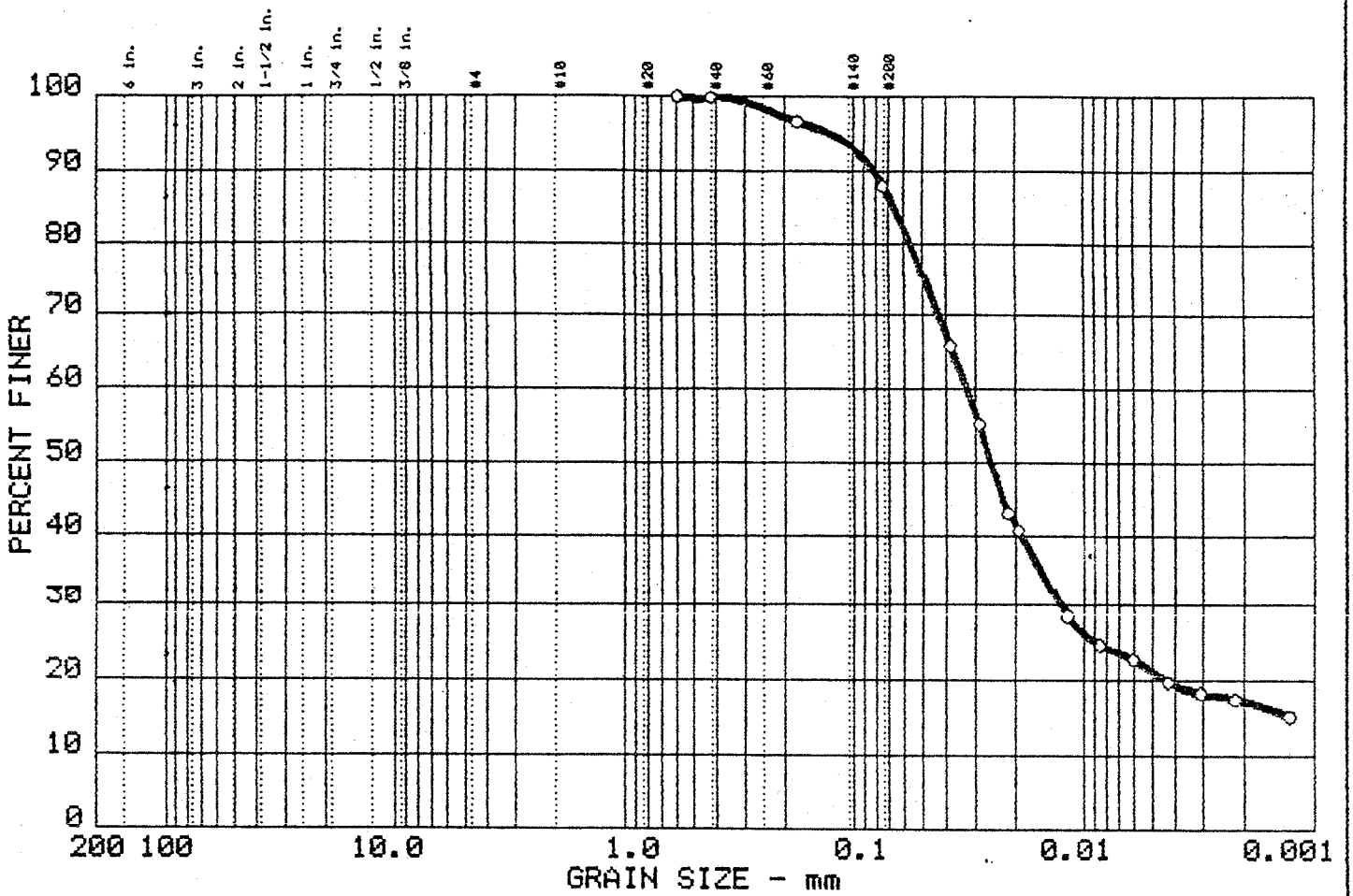
Remarks:
Liquid Limit = 43
Plasticity Index = 24

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K5

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	5	0.0	0.0	12.0	66.8	21.2	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.01		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
30	100.0		
40	99.9		
80	96.6		
200	88.0		

Sample information:
○ Lean Clay, some sand

E9 S1 Sample #2

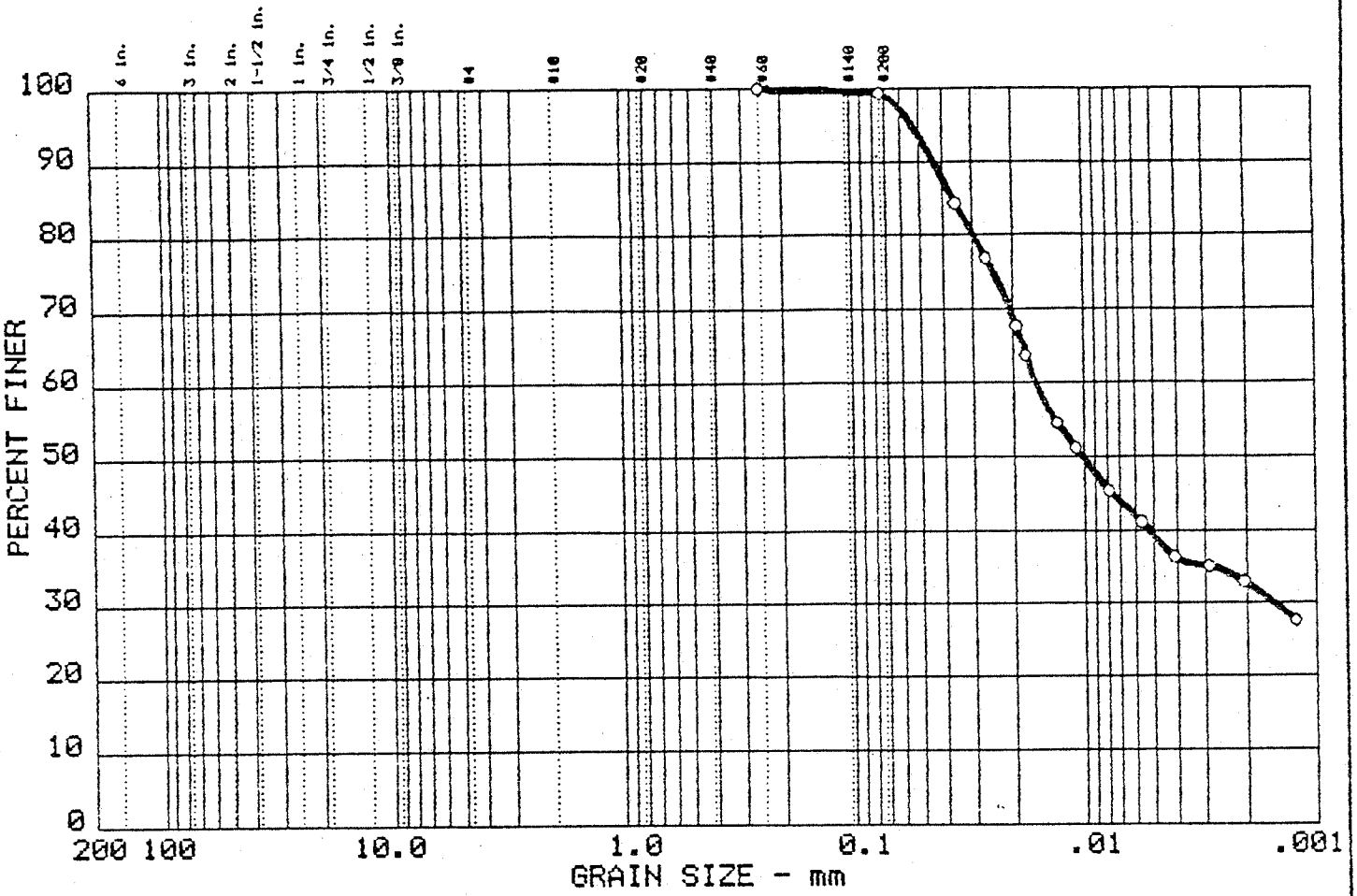
Remarks:
Liquid Limit = 26
Plasticity Index = 9

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K18

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	14	0.0	0.0	0.6	60.2	39.2	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
60	100.0		
200	99.4		

Sample information:
○ Fat Clay, trace sand

E11 S1 Sample #1

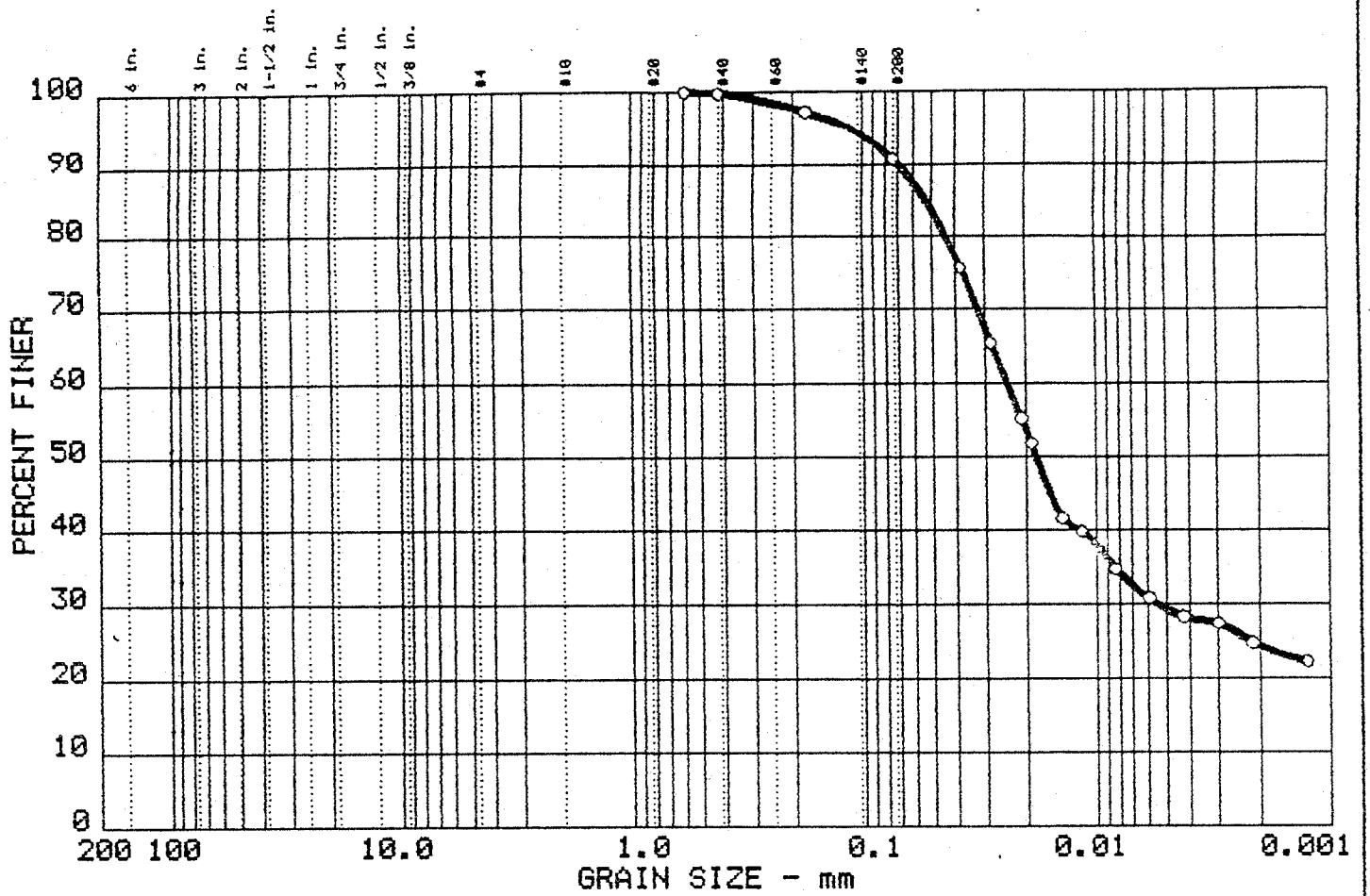
Remarks:
Liquid Limit = 51
Plasticity Index = 26

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K6

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	6	0.0	0.0	9.2	61.5	29.3	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.01		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○
30	100.0
40	99.9
80	97.3
200	90.8

Sample information:
○Lean Clay, little sand

E11 S1 Sample #2

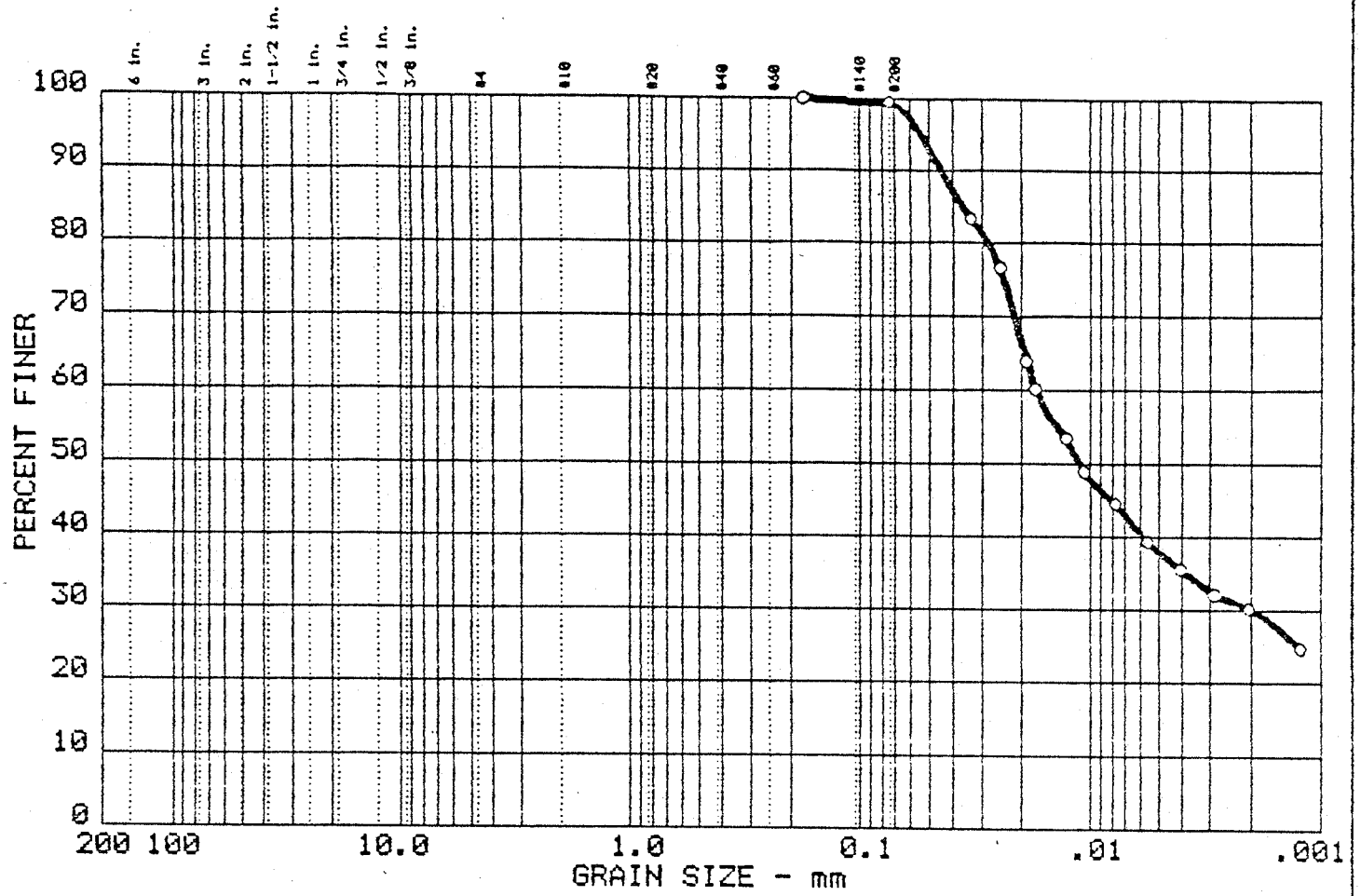
Remarks:
Liquid Limit = 40
Plasticity Index = 19

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K19

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	15	0.0	0.0	0.5	61.7	37.8	CL

SIEVE inches size	PERCENT FINER ○		
	GRAIN SIZE		
D_{60} D_{30} D_{10}	0.00		
	COEFFICIENTS		
C_c C_u			

SIEVE number size	PERCENT FINER ○		
80	100.0		
200	99.5		

Sample information:
○ Lean Clay, trace sand

E13 S1 Sample #1

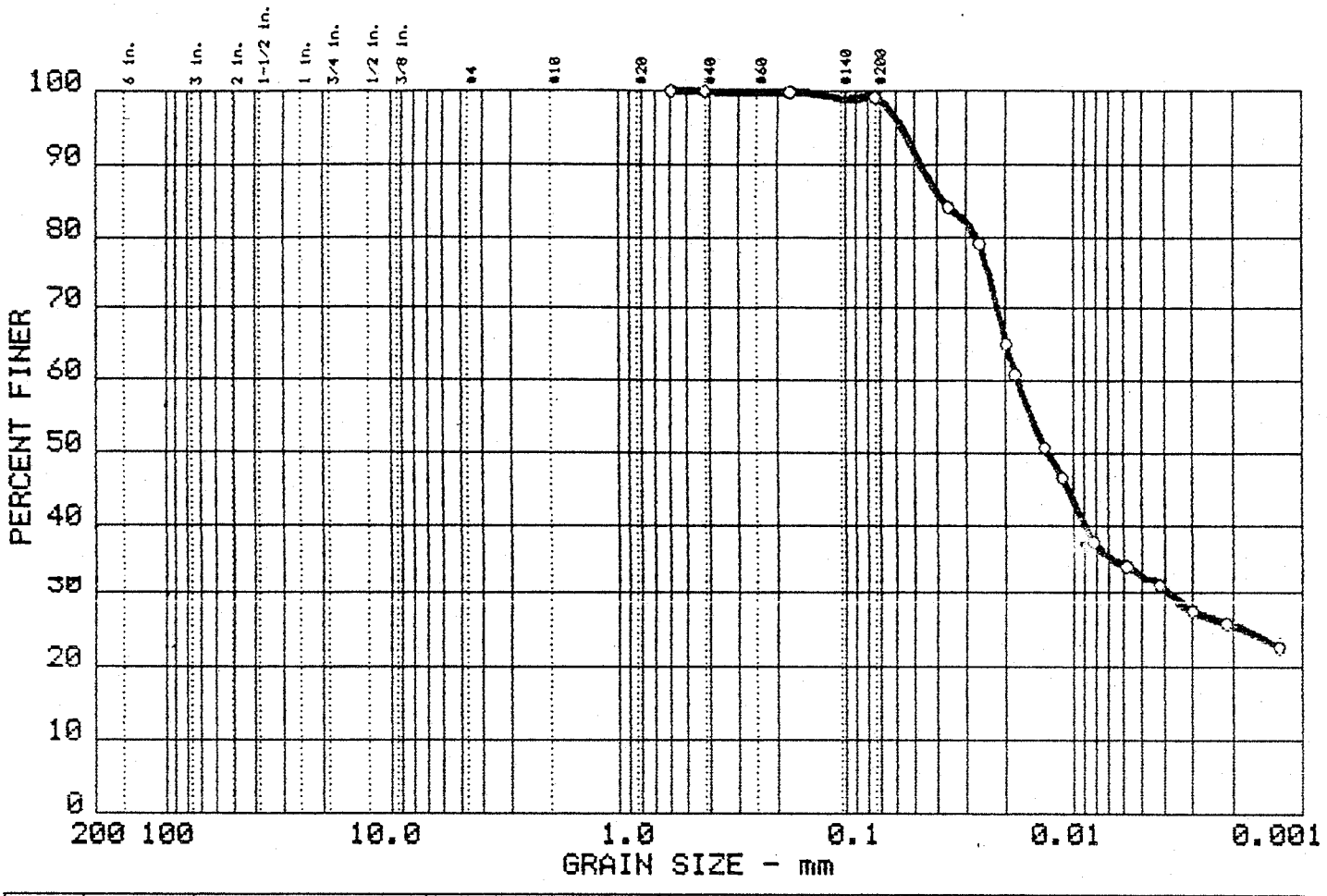
Remarks:
Liquid Limit = 47
Plasticity Index = 28

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K7

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	7	0.0	0.0	0.8	66.2	33.1	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
30	100.0		
40	99.9		
80	99.8		
200	99.2		

Sample information:
○Lean Clay, trace sand

E13 S1 Sample #2

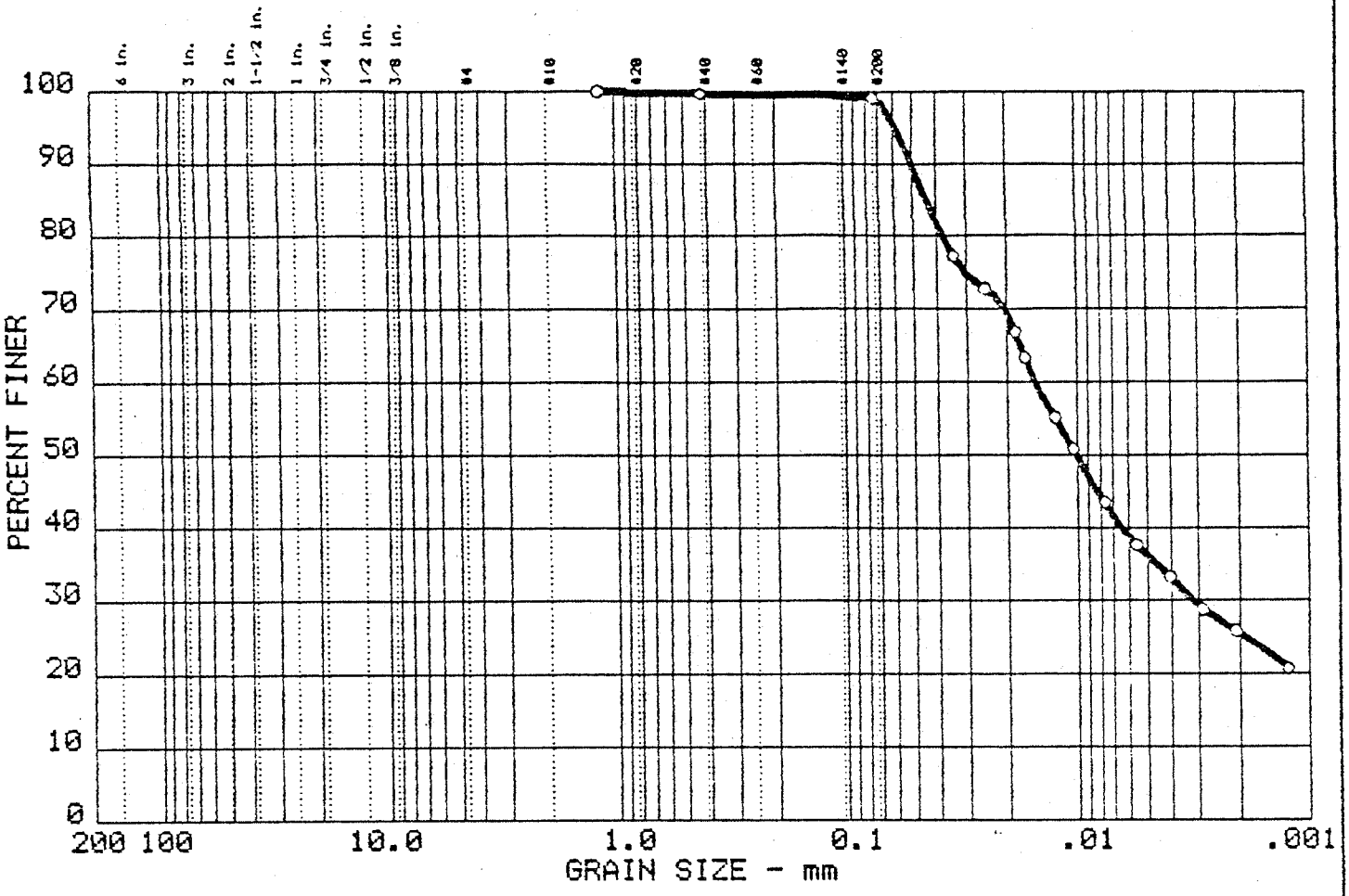
Remarks:
Liquid Limit = 36
Plasticity Index = 15

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K20

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	16	0.0	0.0	0.8	63.1	36.1	CH

SIEVE inches size	PERCENT FINER ○		

GRAIN SIZE	
D_{60}	0.00
D_{30}	
D_{10}	

COEFFICIENTS	
C_c	
C_u	

SIEVE number size	PERCENT FINER ○
16	100.0
40	99.7
200	99.2

Sample information:
○ Fat Clay, trace sand

E15 S1 Sample #1

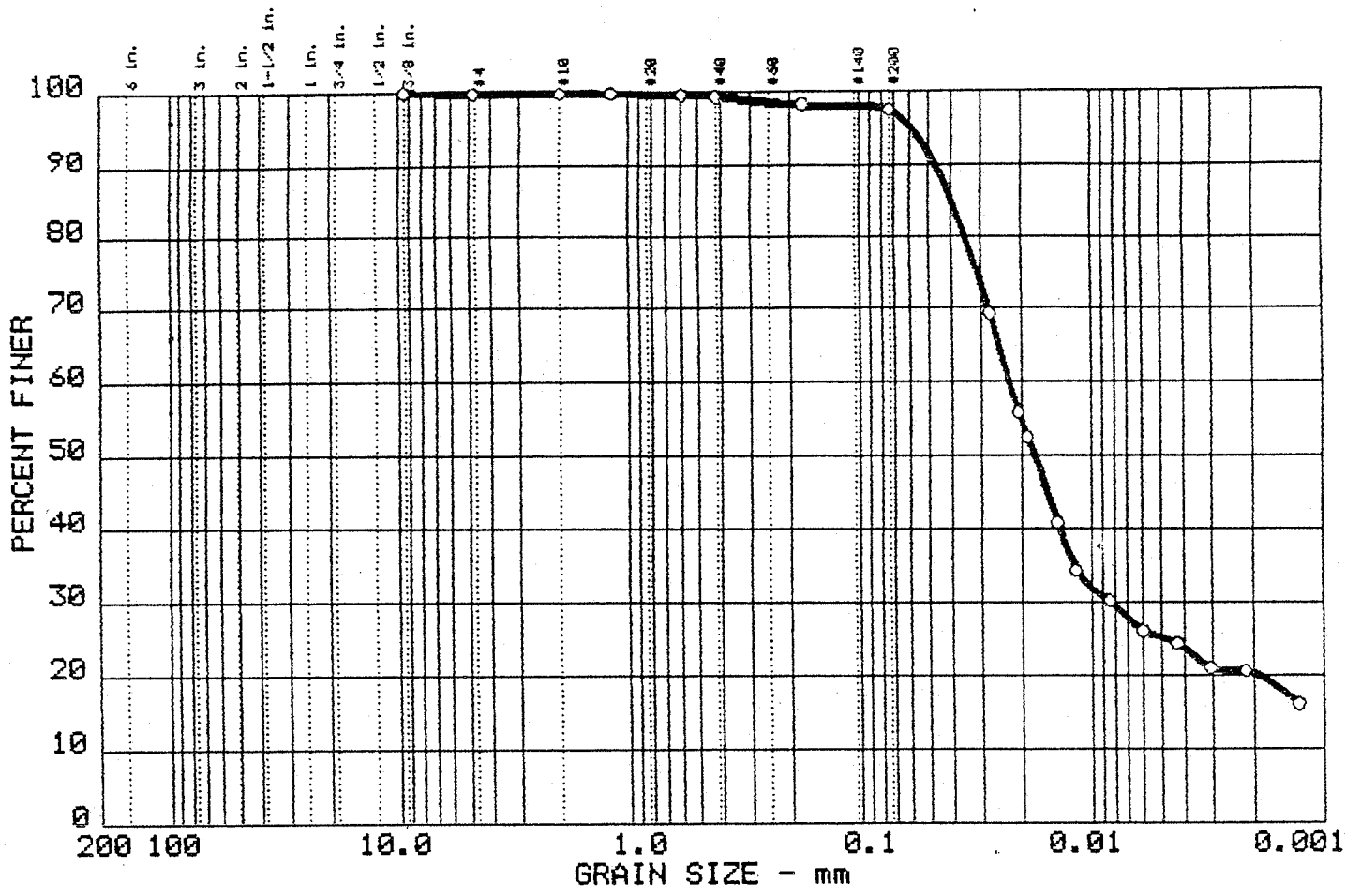
Remarks:
Liquid Limit = 50
Plasticity Index = 26

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K8

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	8	0.0	0.2	2.2	72.5	25.1	CL

SIEVE inches size	PERCENT FINER ○		
0.375	100.0		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.01		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
4	99.8		
10	99.8		
16	99.7		
30	99.6		
40	99.4		
80	98.3		
200	97.6		

Sample information:
○ Lean Clay, trace sand

E15 S1 Sample #2

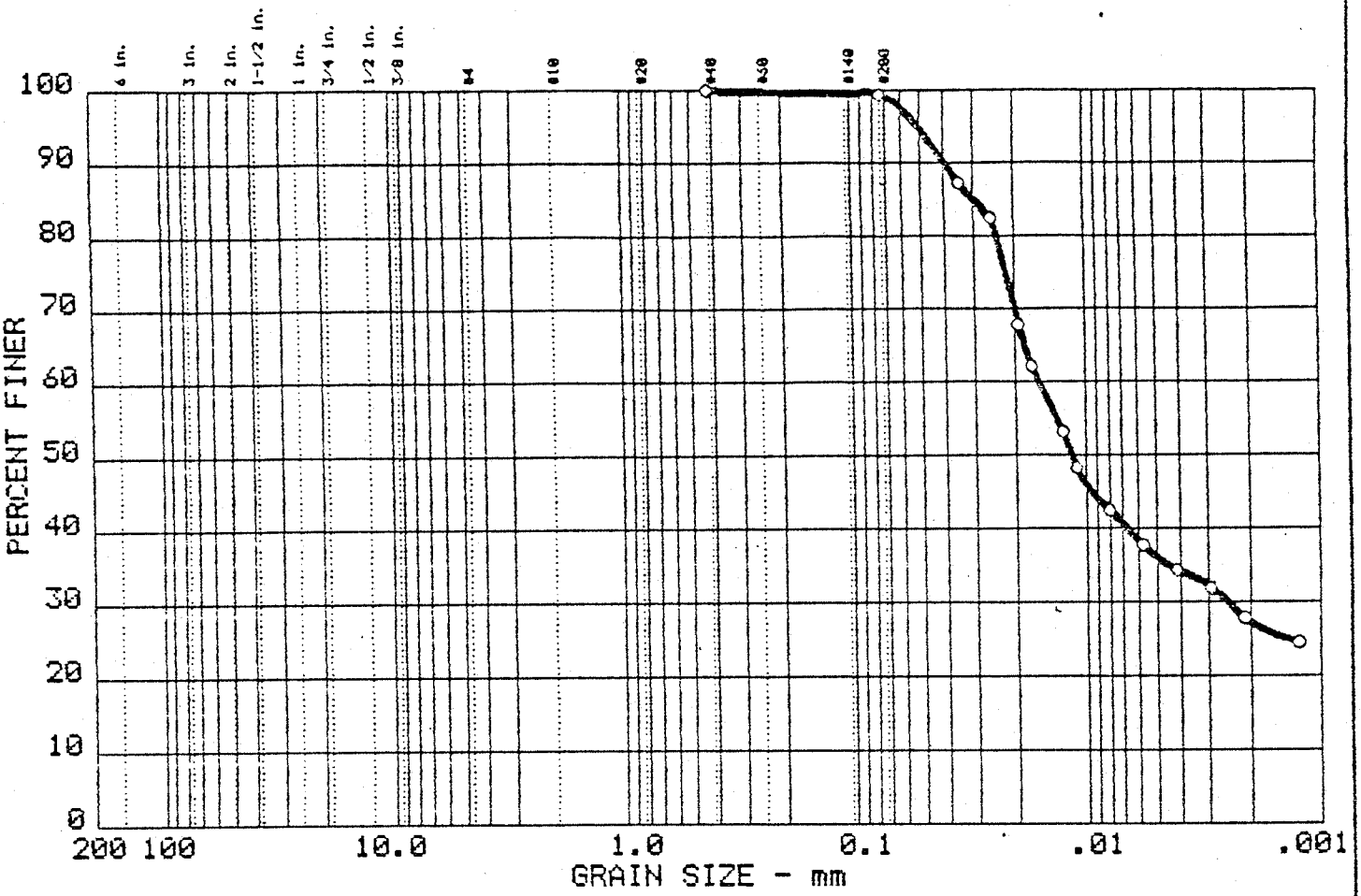
Remarks:
Liquid Limit = 35
Plasticity Index = 15

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K21

PARTICLE SIZE DISTRIBUTION TEST REPORT



Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○ 17	0.0	0.0	0.5	63.4	36.0	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
40	100.0		
200	99.5		

Sample information:
○ Lean Clay, trace sand

E17 S1 Sample #1

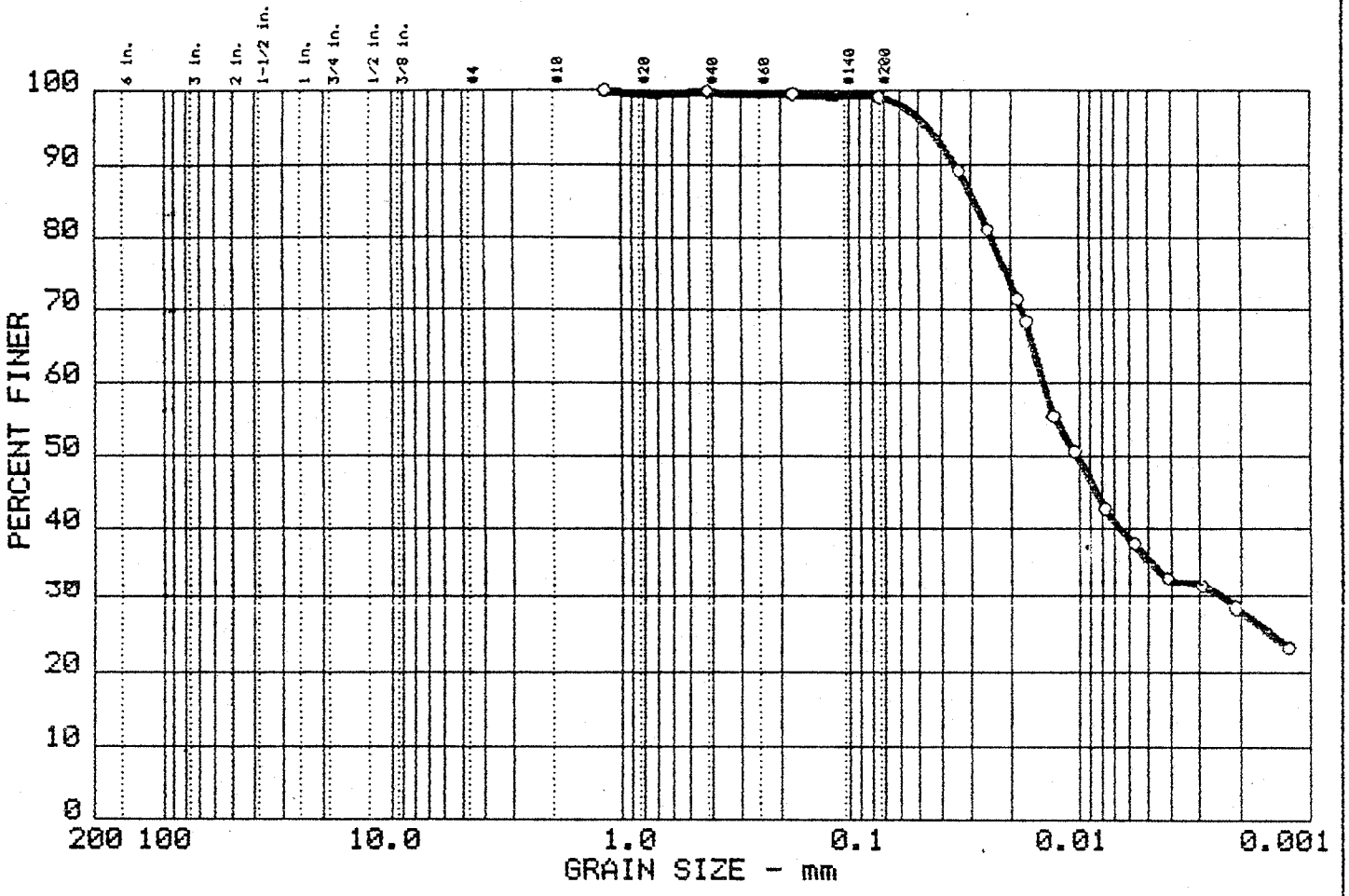
Remarks:
Liquid Limit = 48
Plasticity Index = 25

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K9

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	9	0.0	0.0	0.8	63.5	35.7	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
16	100.0		
40	99.9		
80	99.6		
200	99.2		

Sample information:
○ Lean Clay, trace sand

E17 S1, Sample #2

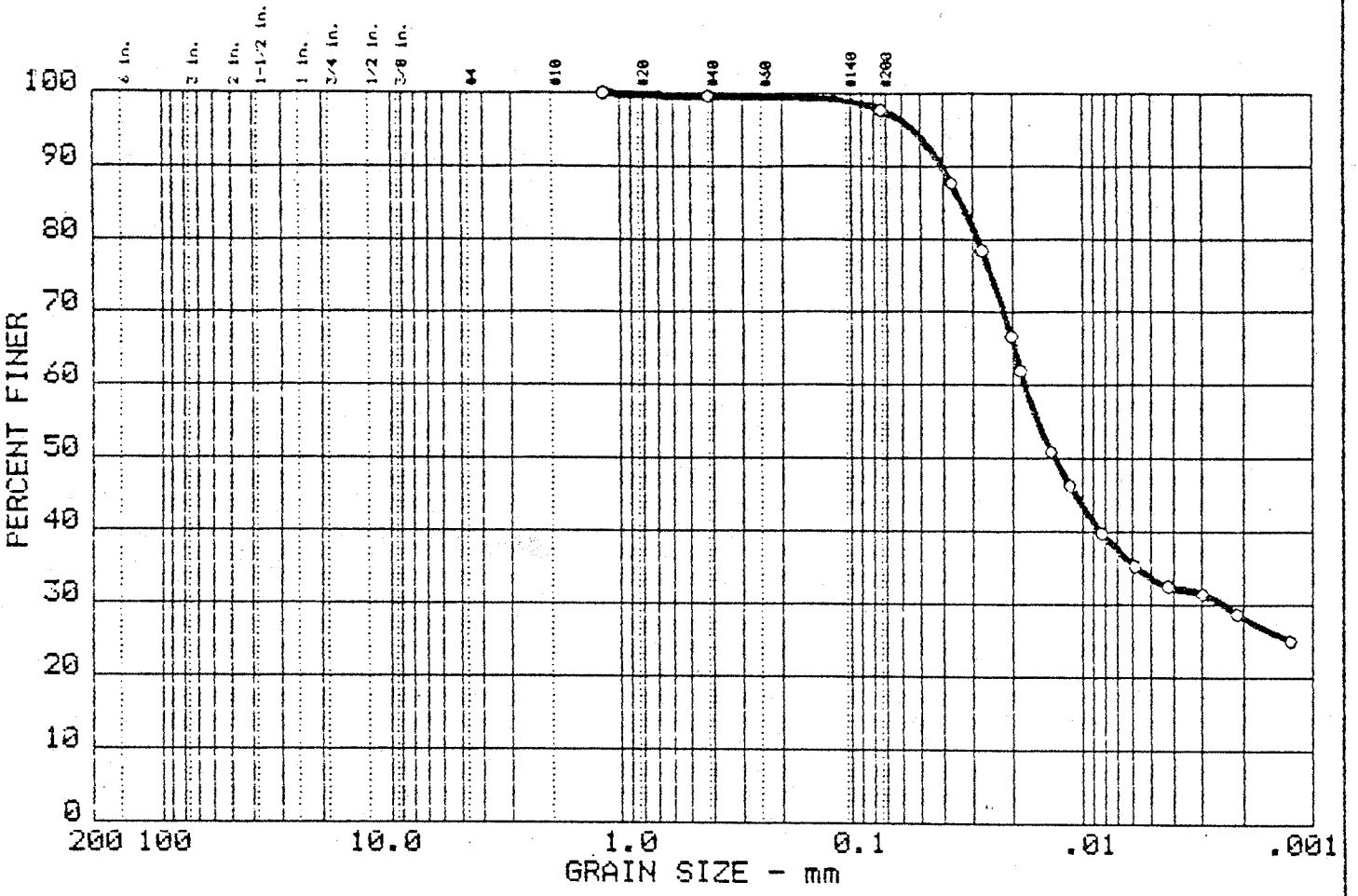
Remarks:
Liquid Limit = 39
Plasticity Index = 16

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K22

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	18	0.0	0.0	2.2	64.2	33.6	CL

SIEVE inches size	PERCENT FINER ○		

GRAIN SIZE	
D_{60}	0.00
D_{30}	
D_{10}	

COEFFICIENTS	
C_c	
C_u	

SIEVE number size	PERCENT FINER ○
16	100.0
40	99.6
200	97.8

Sample information:
○ Lean Clay, trace sand

E19 S1 Sample #1

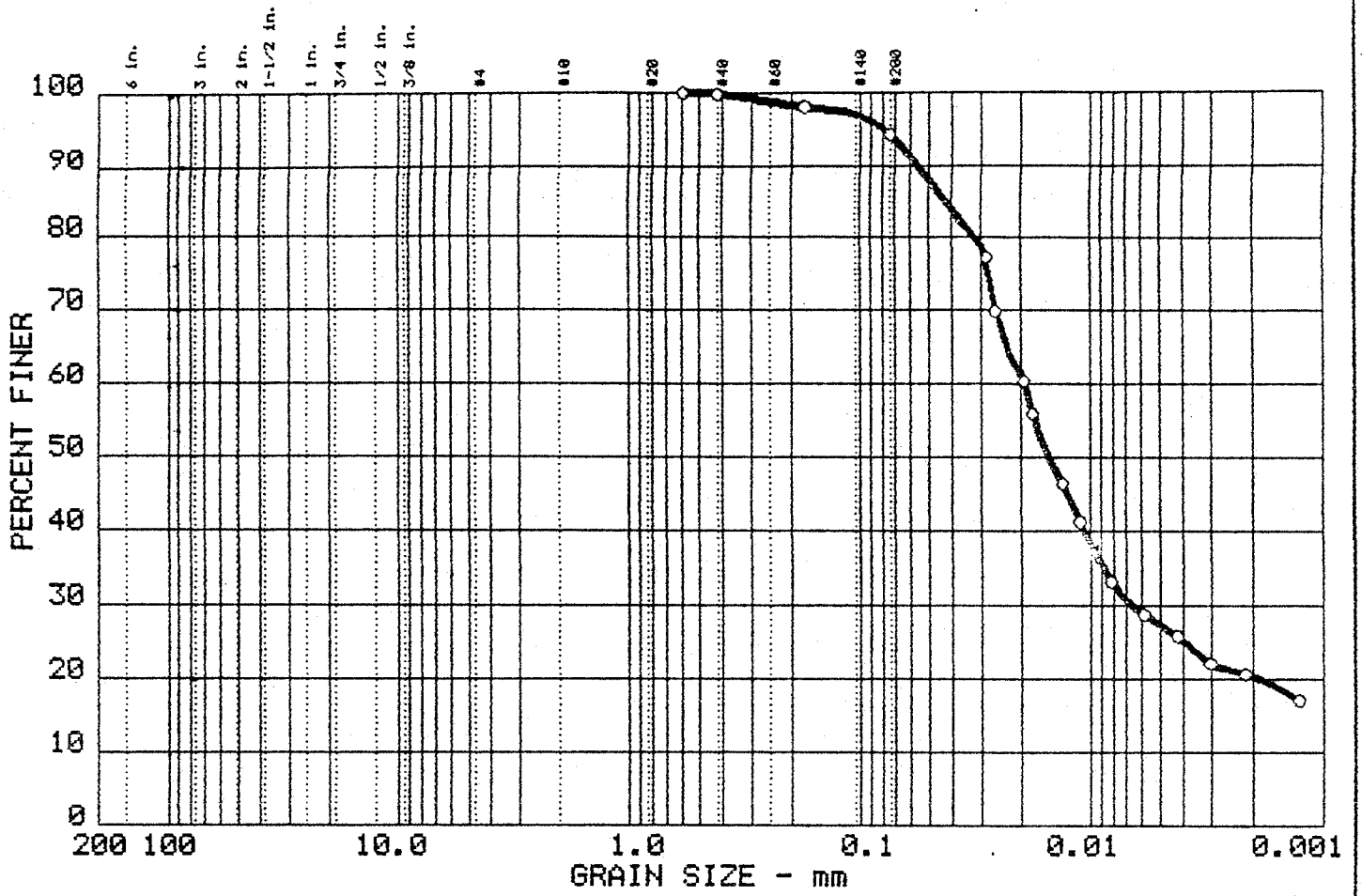
Remarks:
Liquid Limit = 40
Plasticity Index = 20

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K10

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	10	0.0	0.0	5.7	66.9	27.5	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.01		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
30	100.0		
40	99.9		
80	98.2		
200	94.3		

Sample information:
○ Lean Clay, little sand

E19 S1 Sample #2

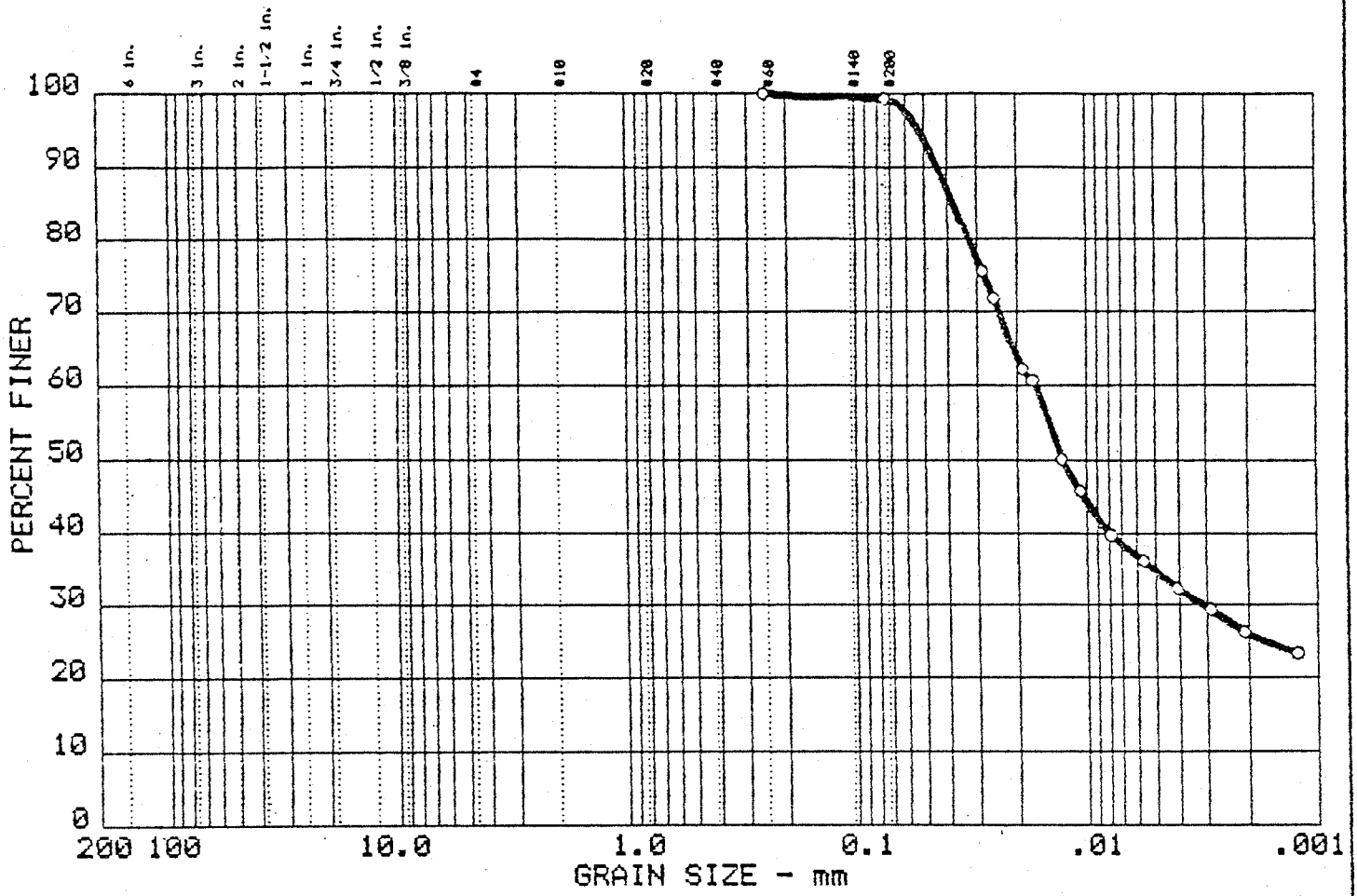
Remarks:
Liquid Limit = 34
Plasticity Index = 17

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K23

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	19	0.0	0.0	0.6	64.7	34.7	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
60	100.0		
200	99.4		

Sample information:
○ Lean Clay, trace sand

E21 S1 Sample #1

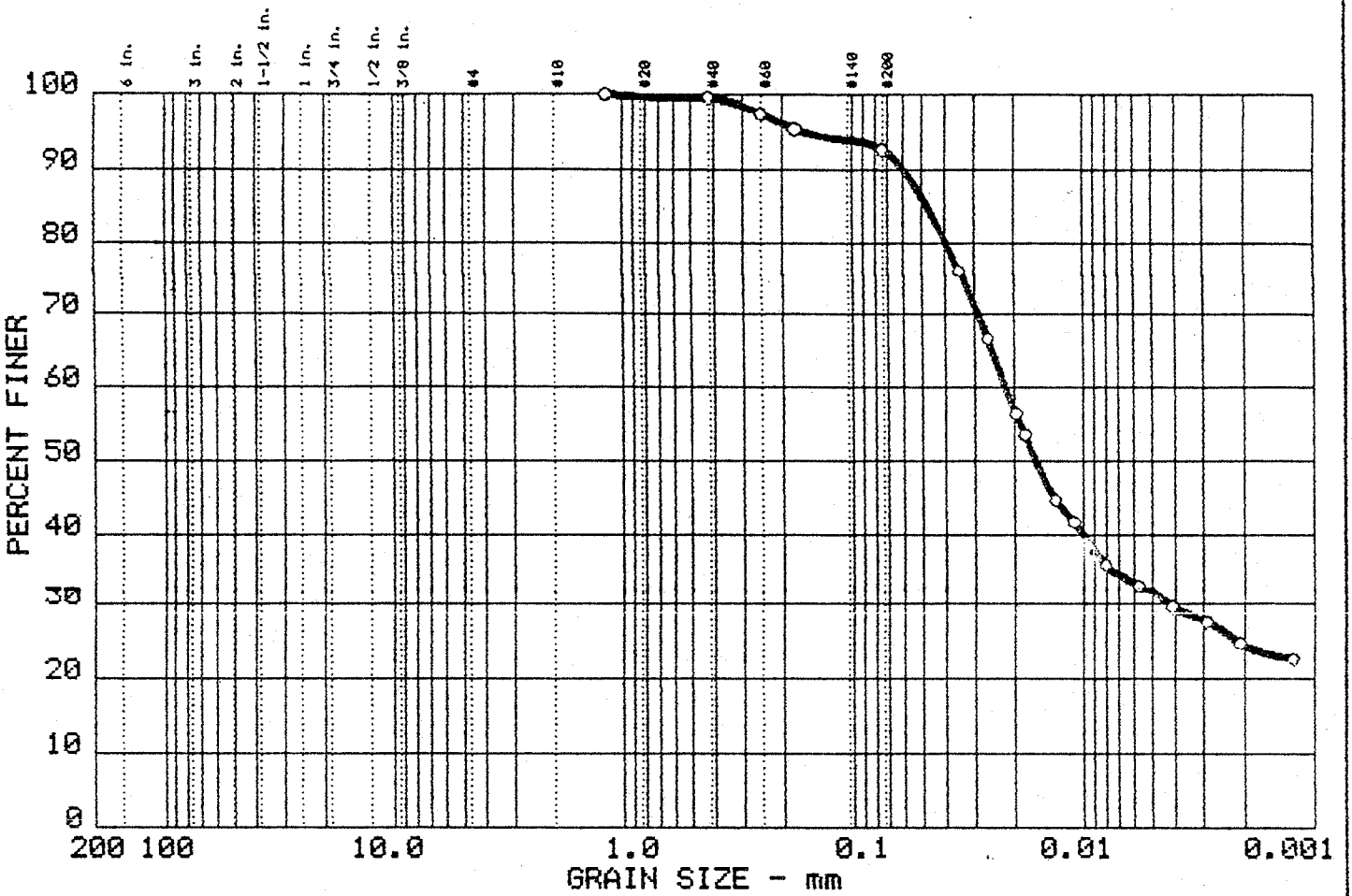
Remarks:
Liquid Limit = 47
Plasticity Index = 26

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K11

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	11	0.0	0.0	7.2	61.1	31.7	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
16	100.0		
40	99.6		
60	97.6		
80	95.5		
200	92.8		

Sample information:
○ Lean Clay, little sand

E21 S1 Sample #2

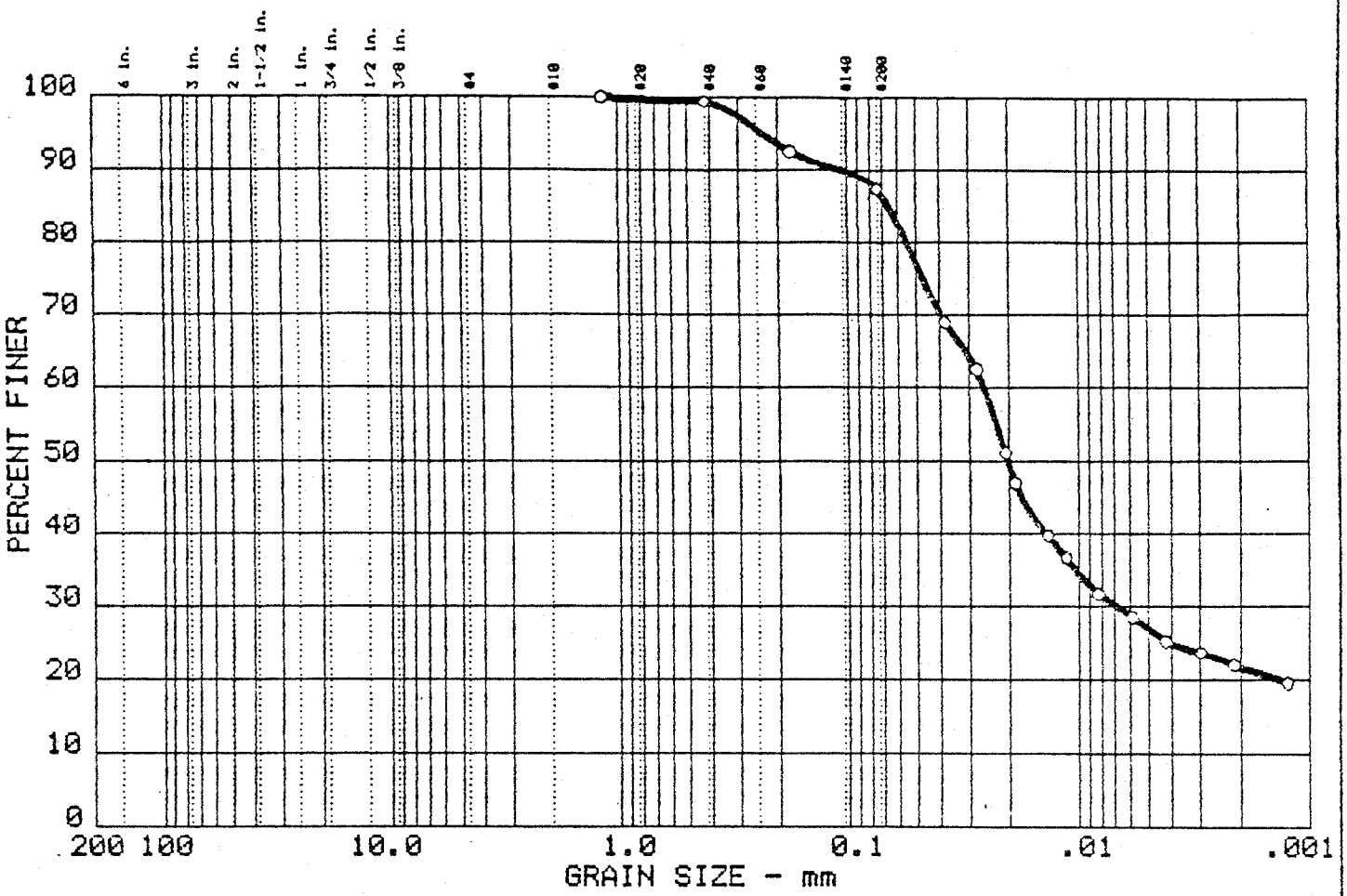
Remarks:
Liquid Limit = 44
Plasticity Index = 25

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K24

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	1	0.0	0.0	12.6	60.6	26.9	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.01		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
16	100.0		
40	99.5		
80	92.5		
200	87.4		

Sample information:
○ Lean Clay, trace sand

E23 S1 Sample #1

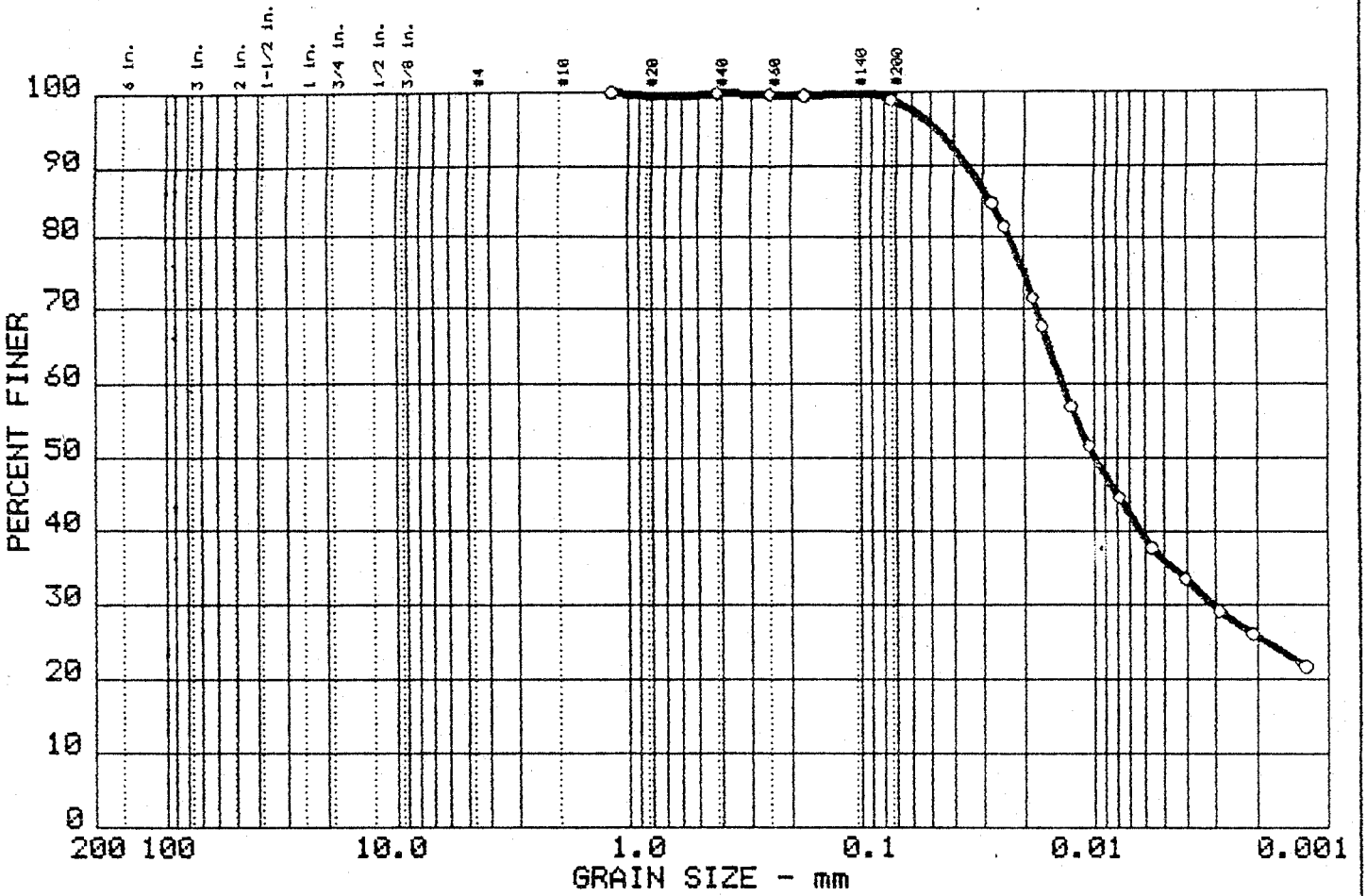
Remarks:
Liquid Limit = 36
Plasticity Index = 18

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K12

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	12	0.0	0.0	0.9	63.1	36.0	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
16	100.0		
40	99.9		
60	99.7		
80	99.6		
200	99.1		

Sample information:
○ Lean Clay, trace sand

E23 S1 Sample #2

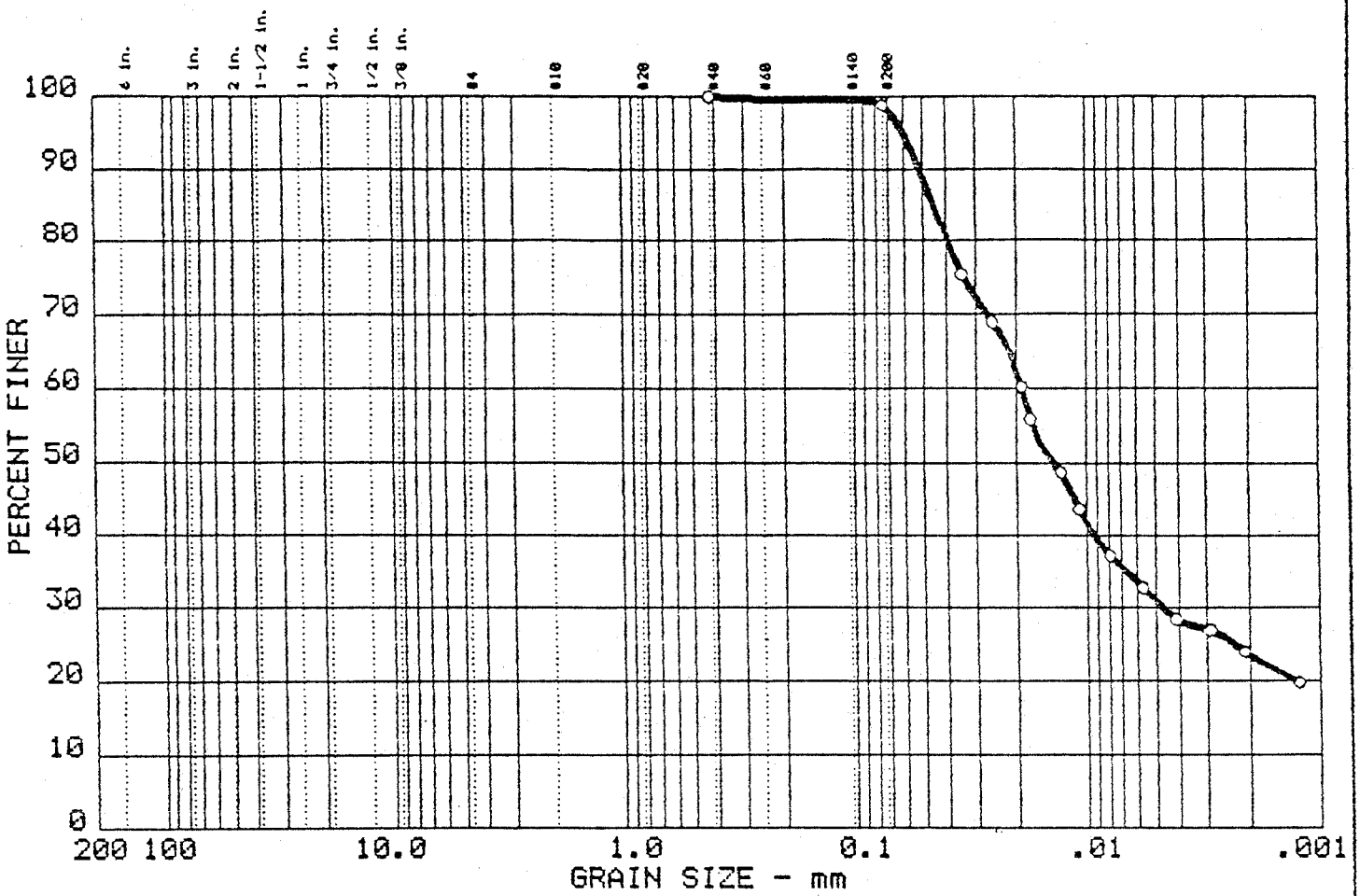
Remarks:
Liquid Limit = 49
Plasticity Index = 26

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K25

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	2	0.0	0.0	1.1	68.0	30.9	CL

SIEVE inches size	PERCENT FINER ○		
	GRAIN SIZE		
D_{60} D_{30} D_{10}	0.00		
	COEFFICIENTS		
C_c C_u			

SIEVE number size	PERCENT FINER ○		
40	100.0		
200	98.9		

Sample information:
○ Lean Clay, trace sand

E25 S1 Sample #1

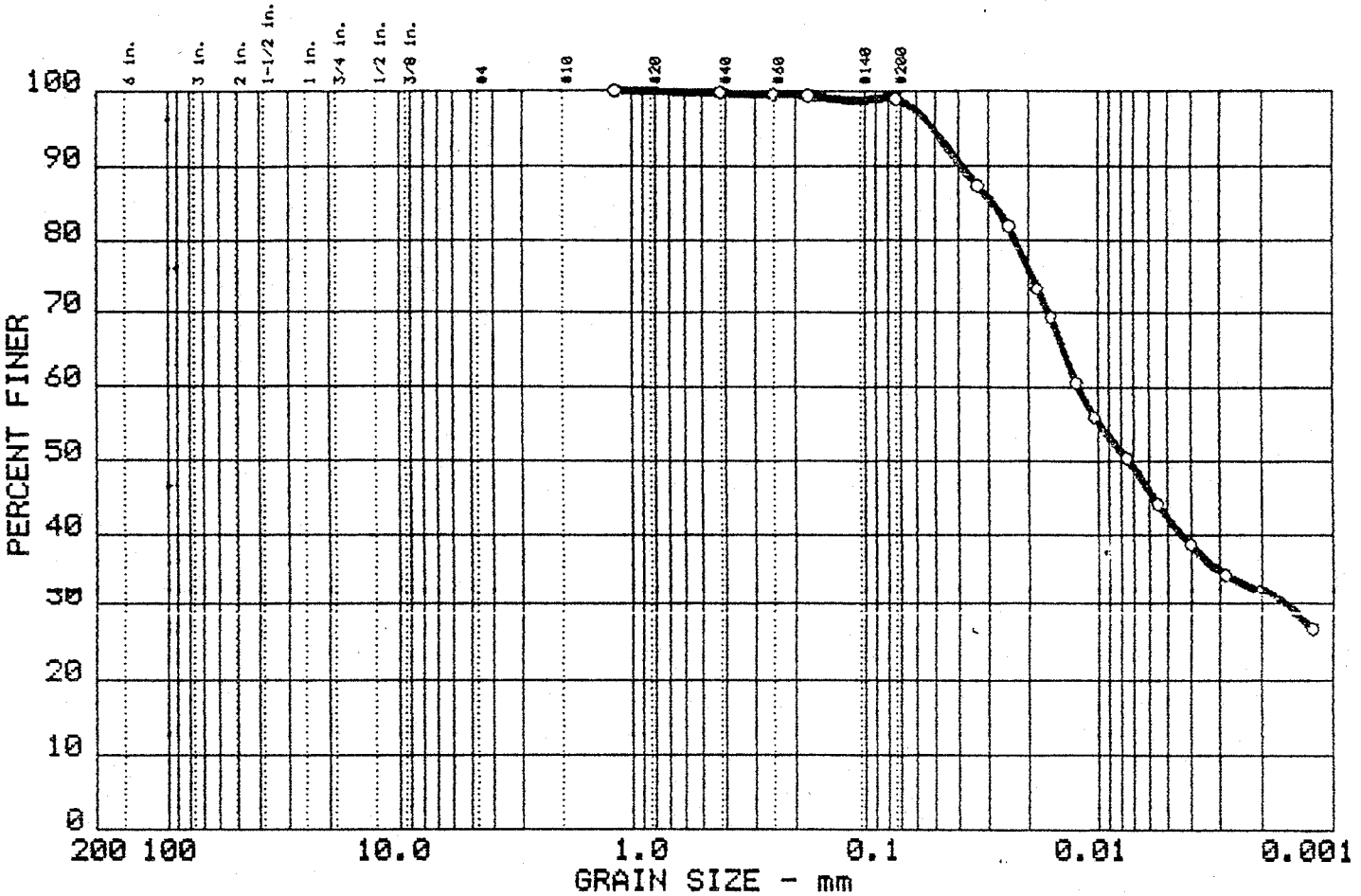
Remarks:
Liquid Limit = 44
Plasticity Index = 23

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 7, 1988 Data Sheet No. K13

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	13	0.0	0.0	1.0	56.7	42.3	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
16	100.0		
40	99.8		
60	99.5		
80	99.4		
200	99.0		

Sample information:
○ Lean Clay, trace sand

E25 S1 Sample #2

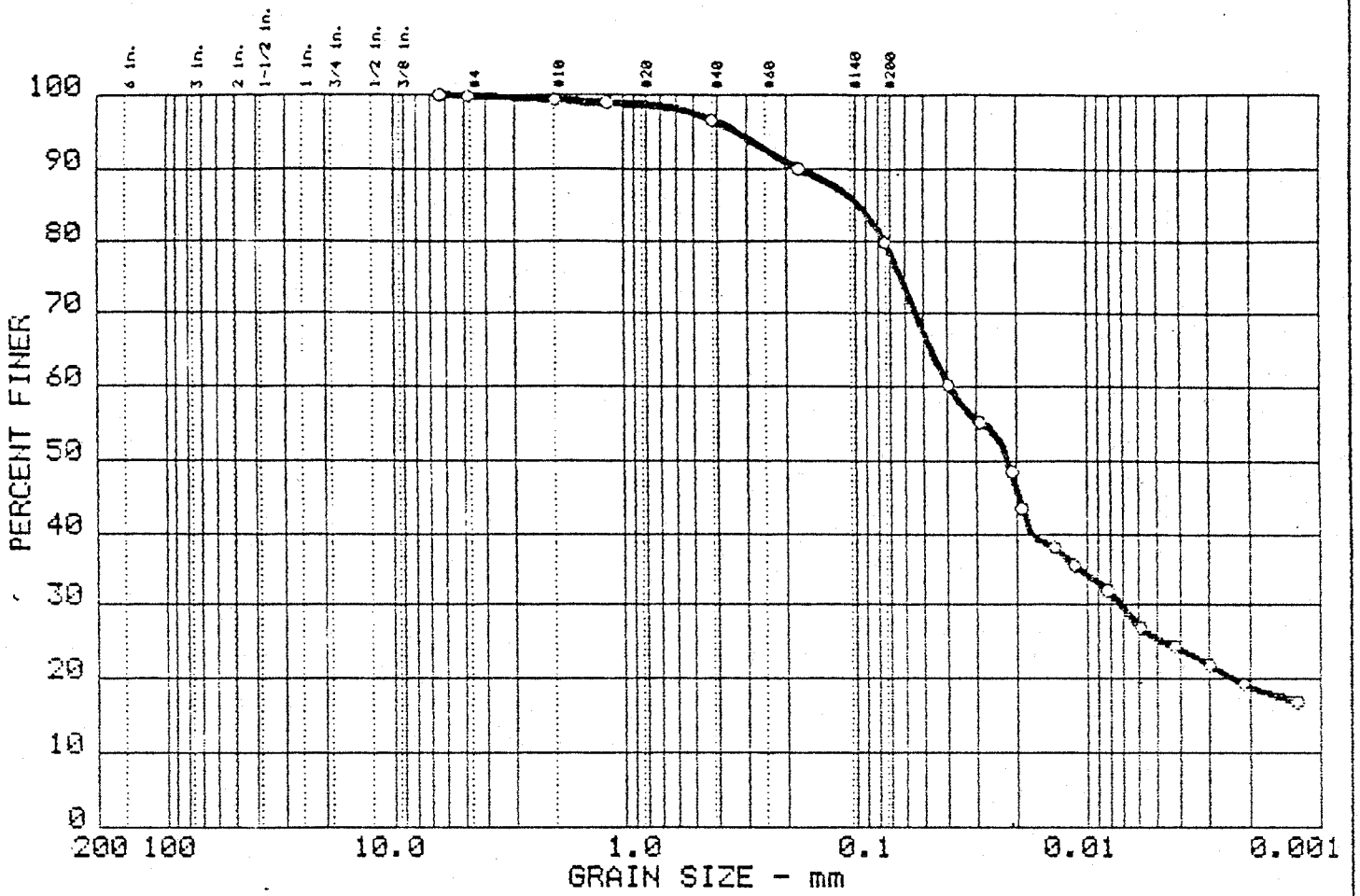
Remarks:
Liquid Limit = 36
Plasticity Index = 17

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: July 15, 1988 Data Sheet No. K26

PARTICLE SIZE DISTRIBUTION TEST REPORT



Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
11	0.0	0.1	20.1	54.4	25.4	CL

SIEVE inches size	PERCENT FINER ○		
0.25	100.0		

GRAIN SIZE	
D_{60}	0.01
D_{30}	
D_{10}	

COEFFICIENTS	
C_c	
C_u	

SIEVE number size	PERCENT FINER ○
4	99.9
10	99.3
16	98.9
40	96.7
80	90.0
200	79.8

Sample information:
○ Sandy Lean Clay

E1 S3 Sample #1

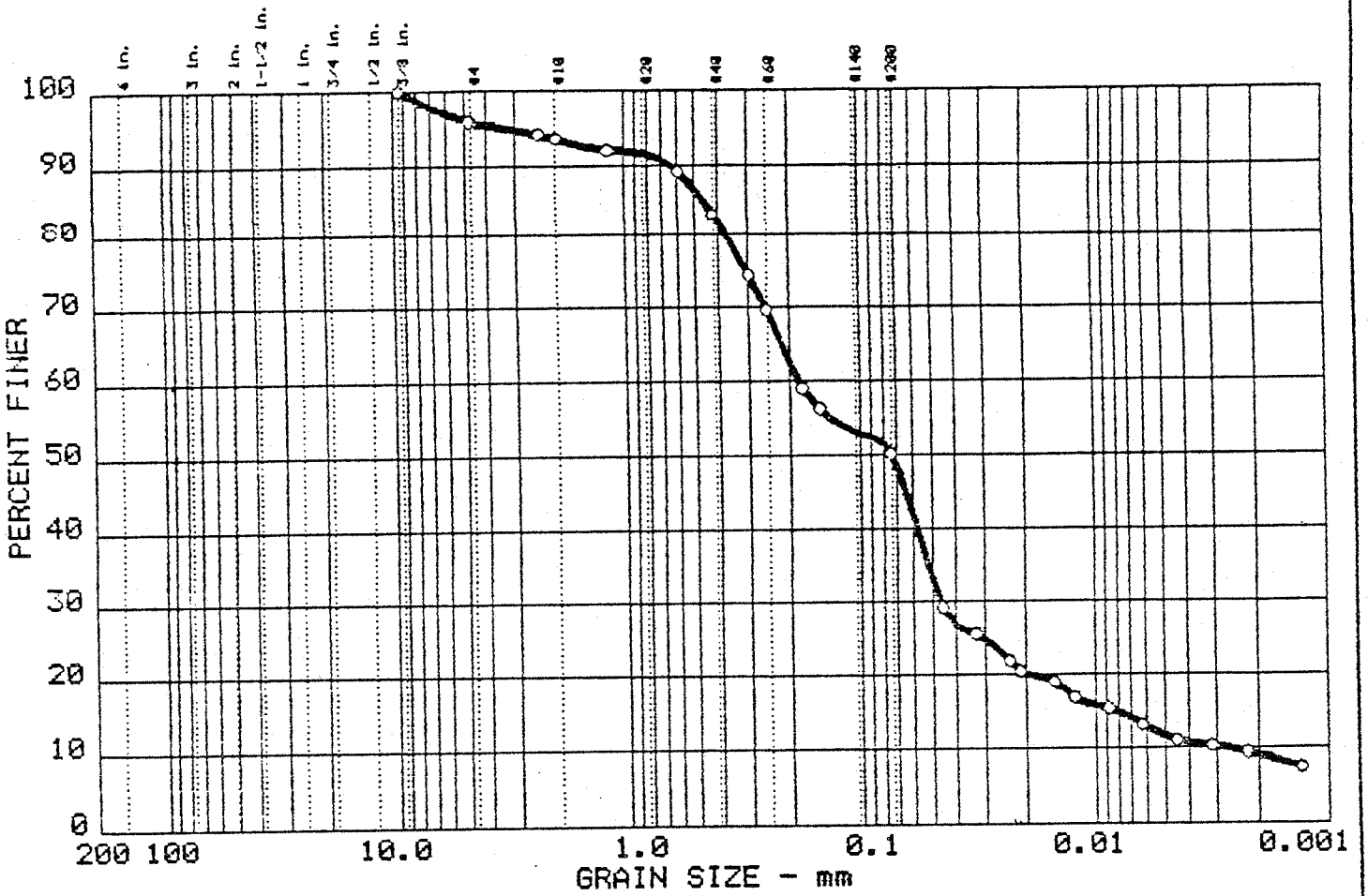
Remarks:
Liquid Limit = 36
Plasticity Index = 16

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: August 3, 1988 Data Sheet No. K27

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	13	0.0	4.0	45.8	38.5	11.7	CL

SIEVE inches size	PERCENT FINER ○		
0.375	100.0		
	GRAIN SIZE		
D_{60}	0.18		
D_{30}	0.05		
D_{10}	0.00		
	COEFFICIENTS		
C_c	4.72		
C_u	73.5		

SIEVE number size	PERCENT FINER ○		
4	96.0		
8	94.3		
10	93.7		
16	92.2		
30	89.2		
40	82.9		
50	74.4		
60	69.6		
80	59.1		
100	56.3		
200	50.2		

Sample information:
○ Sandy Lean Clay, trace gravel
E1 S3 Sample #2

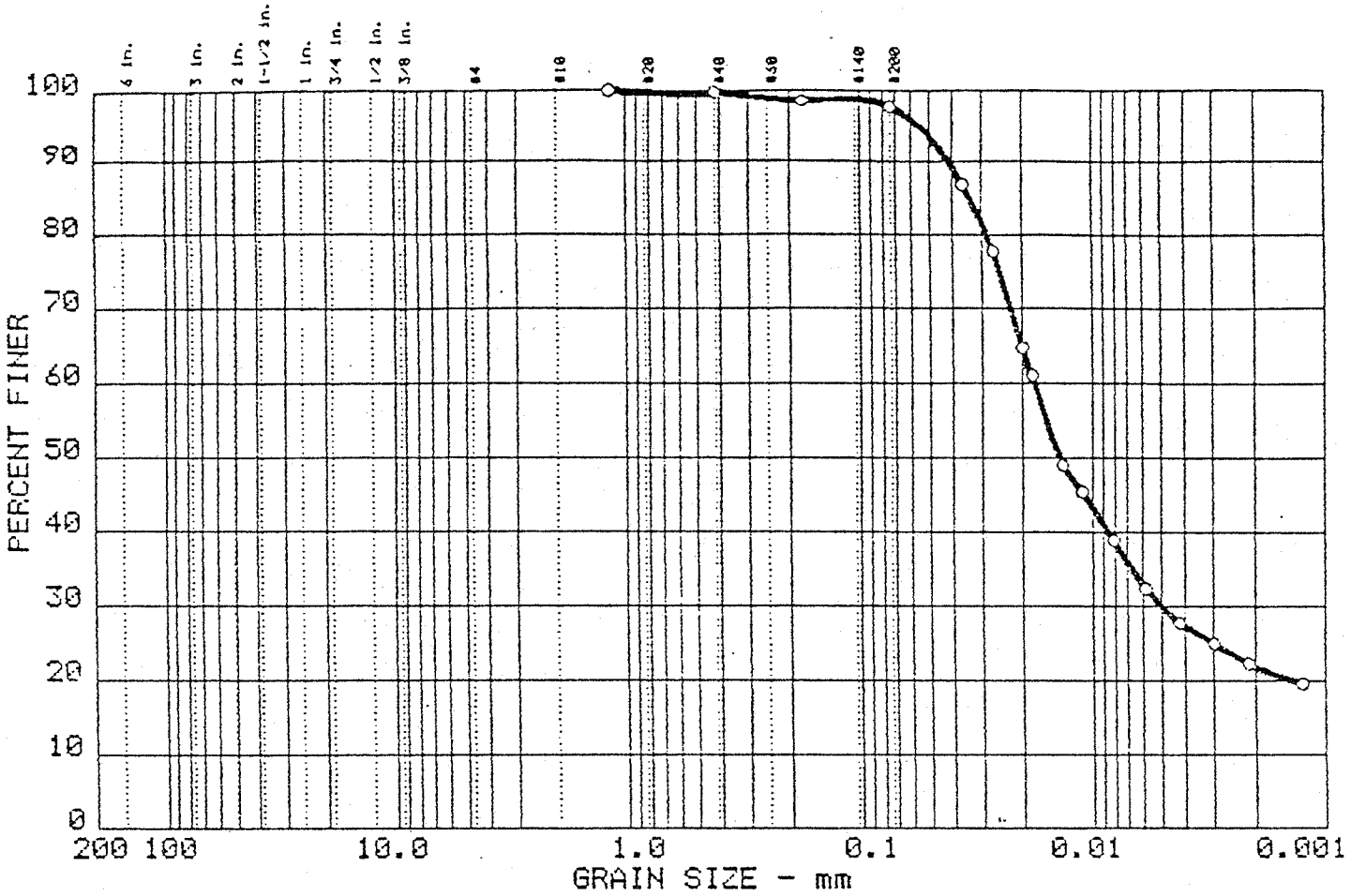
Remarks:
Liquid Limit = 26
Plasticity Index = 8

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: August 10, 1988 Data Sheet No. K40

PARTICLE SIZE DISTRIBUTION TEST REPORT



Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
12	0.0	0.0	2.3	67.7	30.0	CL

SIEVE inches size	PERCENT FINER ○

GRAIN SIZE	
D_{60}	0.00
D_{30}	
D_{10}	

COEFFICIENTS	
C_C	
C_U	

SIEVE number size	PERCENT FINER ○
16	100.0
40	99.8
80	98.5
200	97.7

Sample information:
○ Lean Clay, trace sand

E3 S3 Sample #1

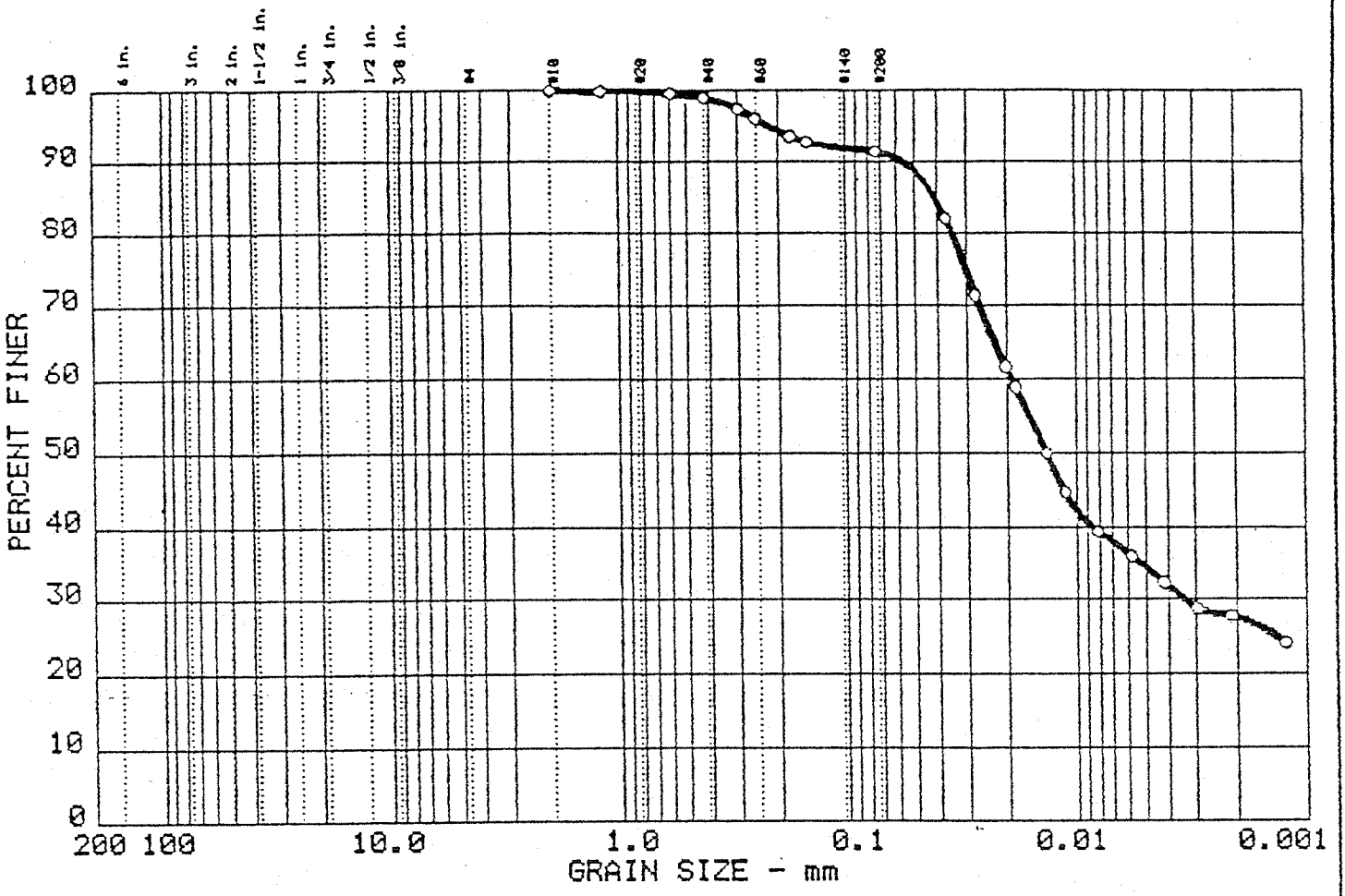
Remarks:
Liquid Limit = 41
Plasticity Index = 18

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: August 3, 1988 Data Sheet No. K28

PARTICLE SIZE DISTRIBUTION TEST REPORT



Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
14	0.0	0.0	8.6	57.1	34.3	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
10	100.0		
16	99.9		
30	99.7		
40	98.9		
50	97.4		
60	96.1		
80	93.5		
100	92.8		
200	91.4		

Sample information:
○ Lean Clay, little sand

E3 S3 Sample #2

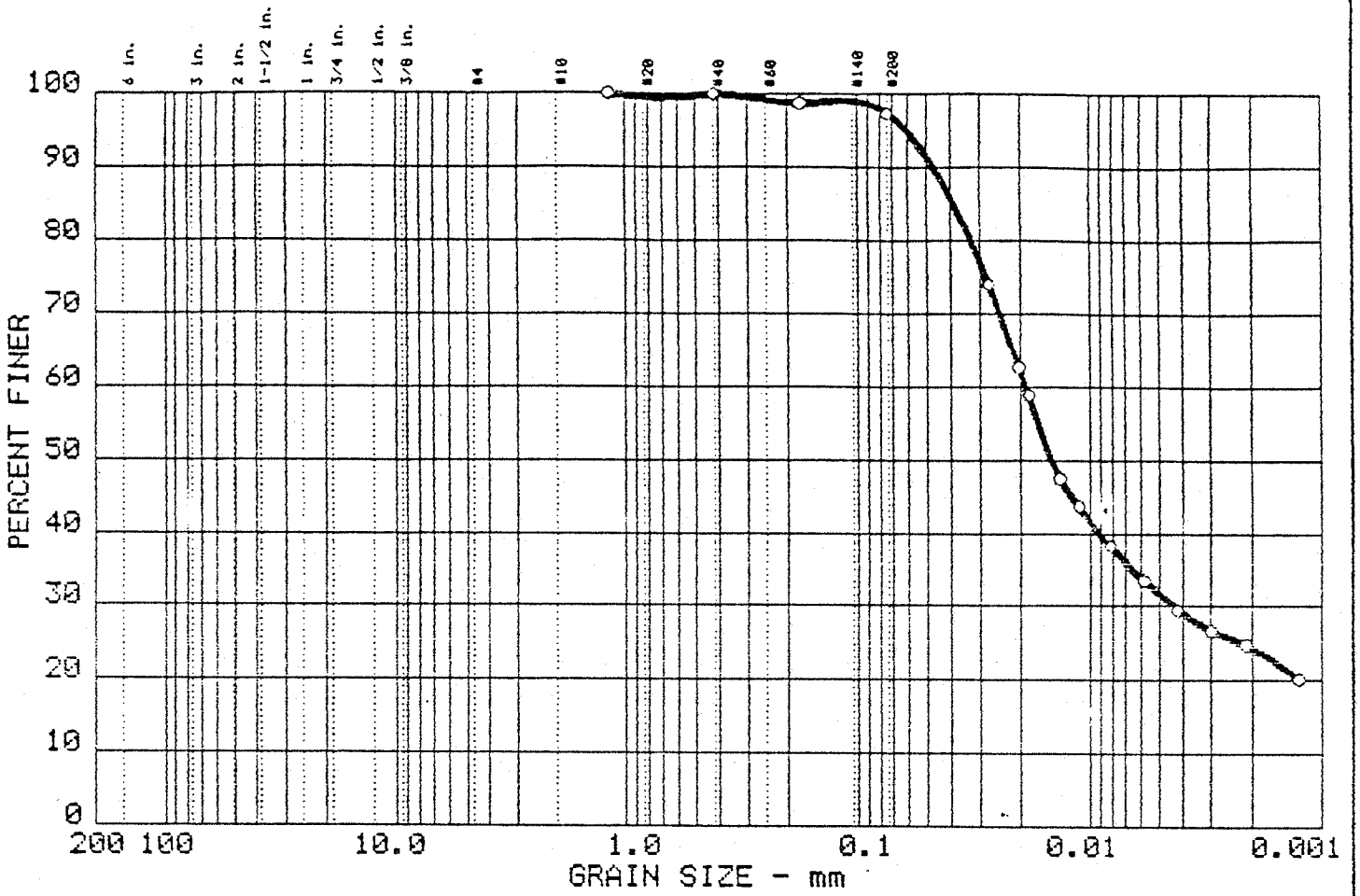
Remarks:
Liquid Limit = 38
Plasticity Index = 14

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: August 10, 1988 Data Sheet No. K41

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	13	0.0	0.0	2.6	66.0	31.4	CL

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
16	100.0		
40	99.9		
80	98.8		
200	97.4		

Sample information:
○ Lean Clay, trace sand

E5 S3 Sample #1

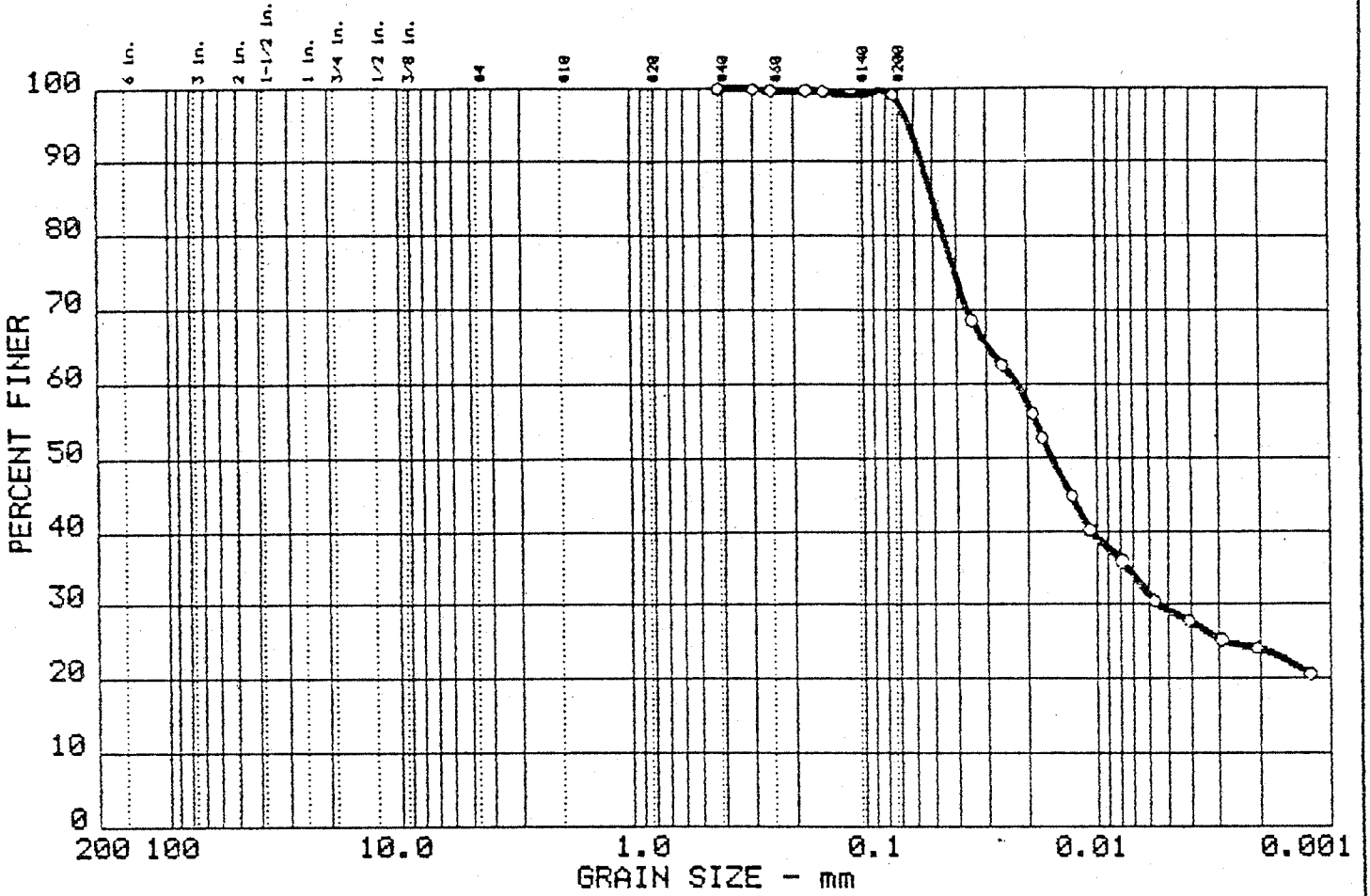
Remarks:
Liquid Limit = 46
Plasticity Index = 22

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: August 3, 1988 Data Sheet No. K29

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○	15	0.0	0.0	0.8	70.0	29.2	CL

SIEVE inches size	PERCENT FINER ○		
	GRAIN SIZE		
D_{60} D_{30} D_{10}	0.01		
	COEFFICIENTS		
C_c C_u			

SIEVE number size	PERCENT FINER ○		
40	100.0		
50	99.9		
60	99.9		
80	99.8		
100	99.7		
200	99.2		

Sample information:
○ Lean Clay, trace sand

E5 S3 Sample #2

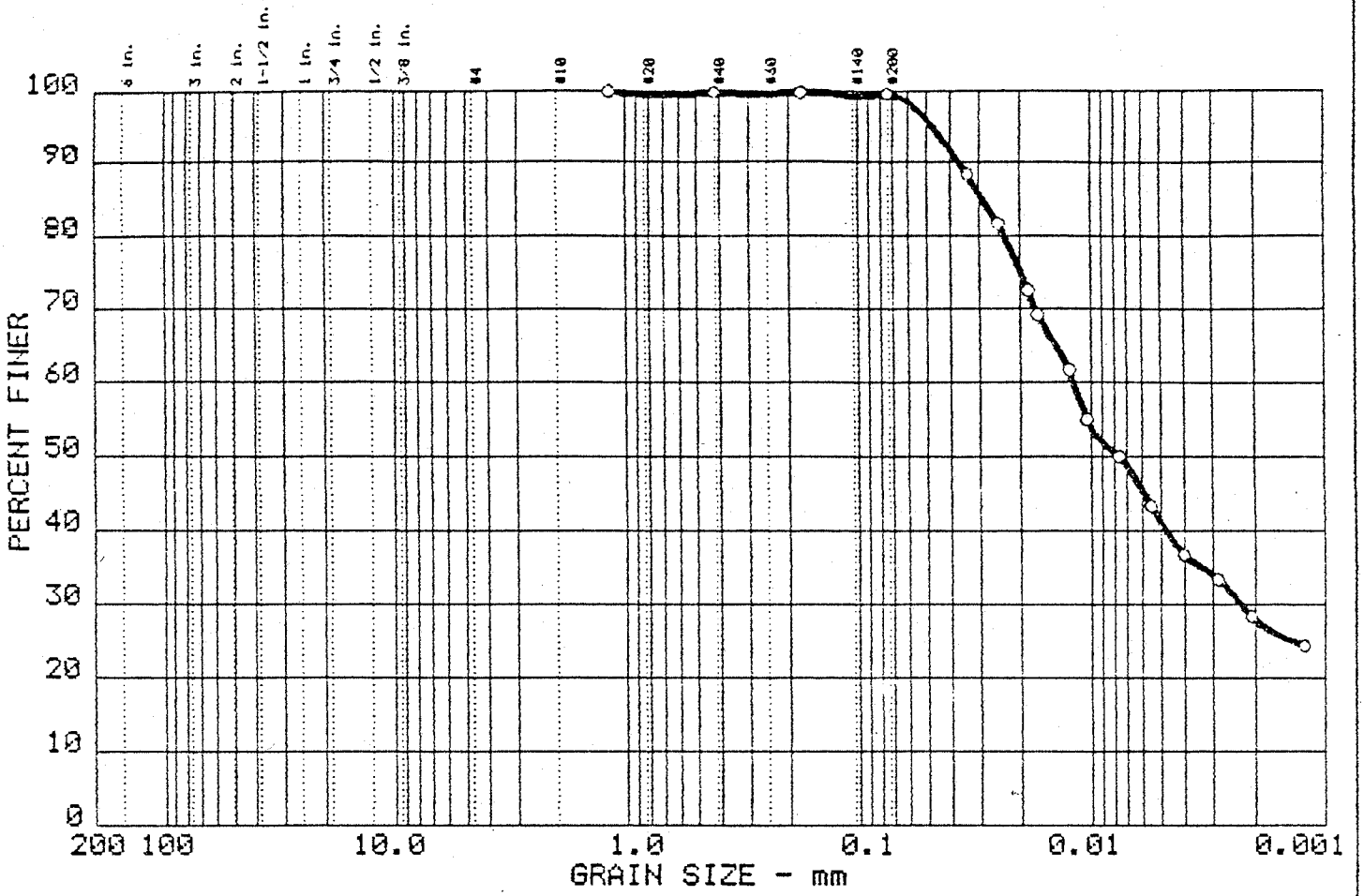
Remarks:
Liquid Limit = 34
Plasticity Index = 11

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
Project: Dane County Landfill

Date: August 10, 1988 Data Sheet No. K42

PARTICLE SIZE DISTRIBUTION TEST REPORT



Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS
○ 14	0.0	0.0	0.4	58.6	41.0	CH

SIEVE inches size	PERCENT FINER ○		
GRAIN SIZE			
D_{60} D_{30} D_{10}	0.00		
COEFFICIENTS			
C_c C_u			

SIEVE number size	PERCENT FINER ○		
16	100.0		
40	99.9		
80	99.9		
200	99.6		

Sample information:
○ Fat Clay

E7 S3 Sample #1

Remarks:
Liquid Limit = 51
Plasticity Index = 27

SOILS & ENGINEERING SERVICES, INC.

Project No.: 8721
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Date: August 3, 1988 Data Sheet No. K30