Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
Ar																
Arenzville	95	2w	0.5	200	b	5	56	H1	0-8	SIL	14.2	71.8	14.0	.37	.37	2.00
								H2	8-30	SR- SIL	14.2	71.8	14.0	.37	.37	0.75
								H3	30-46	SIL	11.4	68.6	20.0	.37	.37	2.50
								H4	46-60	SIL	14.0	71.0	15.0	.37	.37	2.00
AtB																
Atkinson	100	2e	4.0	298	b	3	48	H1	0-13	L	41.6	37.4	21.0	.24	.24	3.50
								H2	13-36	CL	34.4	37.6	28.0	.32	.32	1.50
								H3	36-40	C	26.1	28.9	45.0	.32	.32	0.25
								H4	40-60	UWB	--	--	--	--	--	---
AyA																
Atterberry	95	1	3.0	200	b	5	48	H1	0-8	SIL	9.5	67.5	23.0	.32	.32	3.50
								H2	8-14	SIL	11.4	68.1	20.5	.32	.32	0.75
								H3	14-54	SICL	6.9	63.1	30.0	.43	.43	0.30
								H4	54-60	SIL	9.5	68.0	22.5	.43	.43	0.30
BaB																
Backbone	100	4s	4.0	298	b	3	134	H1	0-8	LS	82.5	9.0	8.5	.17	.17	1.50
								H2	8-24	SL	65.9	19.1	15.0	.20	.20	0.75
								H3	24-27	CL	30.5	32.5	37.0	.24	.24	0.25
								H4	27-60	UWB	--	--	--	--	--	---
BaC																
Backbone	100	4s	7.0	200	b	3	134	H1	0-8	LS	82.5	9.0	8.5	.17	.17	1.50
								H2	8-24	SL	65.9	19.1	15.0	.20	.20	0.75
								H3	24-27	CL	30.5	32.5	37.0	.24	.24	0.25
								H4	27-60	UWB	--	--	--	--	--	---
BaD																
Backbone	100	6s	12.0	200	b	3	134	H1	0-8	LS	82.5	9.0	8.5	.17	.17	1.50
								H2	8-24	SL	65.9	19.1	15.0	.20	.20	0.75
								H3	24-27	CL	30.5	32.5	37.0	.24	.24	0.25
								H4	27-60	UWB	--	--	--	--	--	---
BeA																
Bassett	100	1	1.0	298	b	5	48	H1	0-13	L	41.4	37.1	21.5	.28	.28	3.50
								H2	13-44	SCL	58.2	17.8	24.0	.28	.28	0.75
								H3	44-60	SCL	59.9	18.1	22.0	.37	.37	0.25
BeB																
Bassett	100	2e	4.0	298	b	5	48	H1	0-13	L	41.4	37.1	21.5	.28	.28	3.00
								H2	13-44	SCL	58.2	17.8	24.0	.28	.28	0.75
								H3	44-60	SCL	59.9	18.1	22.0	.37	.37	0.25

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
BeC																
Bassett	100	3e	7.0	200	b	5	48	H1	0-13	L	41.4	37.1	21.5	.28	.28	3.00
								H2	13-44	SCL	58.2	17.8	24.0	.28	.28	0.75
								H3	44-60	SCL	59.9	18.1	22.0	.37	.37	0.25
BeC2																
Bassett	100	3e	7.0	200	b	5	48	H1	0-13	L	41.4	37.1	21.5	.28	.28	2.50
								H2	13-44	SCL	58.2	17.8	24.0	.28	.28	0.75
								H3	44-60	SCL	59.9	18.1	22.0	.37	.37	0.25
BlB																
Bassett	100	2e	4.0	298	b	5	48	H1	0-17	SIL	26.1	52.4	21.5	.28	.28	3.00
								H2	17-43	L	39.1	36.9	24.0	.28	.28	0.75
								H3	43-60	L	41.1	36.9	22.0	.37	.37	0.25
BlC																
Bassett	100	3e	7.0	200	b	5	48	H1	0-17	SIL	26.1	52.4	21.5	.28	.28	3.00
								H2	17-43	L	39.1	36.9	24.0	.28	.28	0.75
								H3	43-60	L	41.1	36.9	22.0	.37	.37	0.25
BnA																
Bertrand	100	1	1.0	200	b	4	56	H1	0-8	SIL	11.7	69.8	18.5	.37	.37	3.00
								H2	8-14	SIL	9.3	66.7	24.0	.37	.37	0.75
								H3	14-48	SIL	14.0	71.0	15.0	.37	.37	0.25
								H4	48-60	LS	81.1	16.4	2.5	.15	.15	0.25
BnB																
Bertrand	100	2e	4.0	298	b	4	56	H1	0-8	SIL	11.7	69.8	18.5	.37	.37	2.50
								H2	8-14	SIL	9.3	66.7	24.0	.37	.37	0.75
								H3	14-48	SIL	14.0	71.0	15.0	.37	.37	0.25
								H4	48-60	LS	81.1	16.4	2.5	.15	.15	0.25
BoA																
Bixby	100	2s	1.0	200	b	4	48	H1	0-12	L	39.8	37.7	22.5	.32	.32	3.00
								H2	12-28	SCL	58.2	17.8	24.0	.32	.32	0.50
								H3	28-60	GR-S	95.5	1.5	3.0	.10	.10	0.25
BoB																
Bixby	100	2e	4.0	298	b	4	48	H1	0-12	L	39.8	37.7	22.5	.32	.32	2.50
								H2	12-28	SCL	58.2	17.8	24.0	.32	.32	0.50
								H3	28-60	GR-S	95.5	1.5	3.0	.10	.10	0.25
BoC2																
Bixby	100	3e	7.0	200	b	4	48	H1	0-12	L	39.8	37.7	22.5	.32	.32	2.00
								H2	12-28	SCL	58.2	17.8	24.0	.32	.32	0.50
								H3	28-60	GR-S	95.5	1.5	3.0	.10	.10	0.25

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
BuB																
Burkhardt	100	3s	3.0	298	b	2	86	H1	0-7	SL	67.4	23.6	9.0	.20	.20	2.00
								H2	7-17	SL	67.4	19.6	13.0	.24	.24	0.75
								H3	17-60	GR-COS	90.1	6.4	3.5	--	.10	0.25
BuC2																
Burkhardt	100	3s	10.0	200	b	2	86	H1	0-7	SL	67.4	23.6	9.0	.20	.20	1.50
								H2	7-17	SL	67.4	19.6	13.0	.24	.24	0.75
								H3	17-60	GR-COS	90.1	6.4	3.5	--	.10	0.25
CaA																
Calamine	100	3w	1.0	200	d	4	38	H1	0-16	SICL	20.0	49.0	31.0	.28	.28	5.50
								H2	16-28	SIC	8.0	52.0	40.0	.43	.43	0.75
								H3	28-31	SICL	7.4	53.6	39.0	.32	.32	0.25
								H4	31-60	WB	--	--	--	--	--	---
CaB																
Calamine	100	3w	4.0	298	d	4	38	H1	0-16	SICL	20.0	49.0	31.0	.28	.28	4.00
								H2	16-28	SIC	8.0	52.0	40.0	.43	.43	0.75
								H3	28-31	SICL	7.4	53.6	39.0	.32	.32	0.25
								H4	31-60	WB	--	--	--	--	--	---
CcB																
Calmar	100	2e	4.0	298	b	3	48	H1	0-21	CL	35.3	33.2	31.5	.32	.32	4.50
								H2	21-28	CL	34.7	32.8	32.5	.32	.32	1.50
								H3	28-33	C	22.1	27.9	50.0	.32	.32	0.25
								H4	33-60	UWB	--	--	--	--	--	---
CcC																
Calmar	100	3e	10.0	200	b	3	48	H1	0-21	CL	35.3	33.2	31.5	.32	.32	4.50
								H2	21-28	CL	34.7	32.8	32.5	.32	.32	1.50
								H3	28-33	C	22.1	27.9	50.0	.32	.32	0.25
								H4	33-60	UWB	--	--	--	--	--	---
CdA																
Camden	100	1	1.0	200	b	5	48	H1	0-8	SIL	11.4	68.1	20.5	.37	.37	3.00
								H2	8-12	SIL	9.1	64.9	26.0	.37	.37	0.30
								H3	12-39	SIL	9.3	66.7	24.0	--	.32	0.25
								H4	39-60	LS	83.3	4.2	12.5	--	.32	0.25
CdB																
Camden	100	2e	4.0	298	b	5	48	H1	0-8	SIL	11.4	68.1	20.5	.37	.37	2.50
								H2	8-12	SIL	9.1	64.9	26.0	.37	.37	0.30
								H3	12-39	SIL	9.3	66.7	24.0	--	.32	0.25
								H4	39-60	LS	83.3	4.2	12.5	--	.32	0.25

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
CdC																
Camden	100	3e	7.0	200	b	5	48	H1	0-8	SIL	11.4	68.1	20.5	.37	.37	2.50
								H2	8-12	SIL	9.1	64.9	26.0	.37	.37	0.30
								H3	12-39	SIL	9.3	66.7	24.0	--	.32	0.25
								H4	39-60	LS	83.3	4.2	12.5	--	.32	0.25
Ce																
Caneek	95	3w	0.5	200	b	5	86	H1	0-8	SIL	11.3	67.7	21.0	.37	.37	1.20
								H2	8-32	SR- SIL	11.3	67.7	21.0	.37	.37	1.20
								H3	32-60	SIL	9.5	67.5	23.0	.37	.37	0.25
Cf																
Canoe	95	1	2.0	200	b	5	48	H1	0-8	SIL	11.3	67.7	21.0	.28	.28	3.00
								H2	8-23	SIL	9.4	67.1	23.5	.43	.43	1.50
								H3	23-60	SIL	9.3	66.7	24.0	.43	.43	0.50
ChA																
Chaseburg	95	1	1.0	200	b	5	56	H1	0-7	SIL	14.2	71.8	14.0	.37	.37	1.50
								H2	7-60	SIL	14.2	71.8	14.0	.37	.37	0.25
ChB																
Chaseburg	95	2e	4.0	200	b	5	56	H1	0-7	SIL	14.2	71.8	14.0	.37	.37	1.00
								H2	7-60	SIL	14.2	71.8	14.0	.37	.37	0.25
ClB																
Chelsea	100	4s	3.0	298	a	5	134	H1	0-10	LFS	87.0	1.5	11.5	.17	.17	1.00
								H2	10-60	S	90.7	1.8	7.5	.17	.17	0.25
ClD																
Chelsea	100	6s	10.0	200	a	5	134	H1	0-10	LFS	87.0	1.5	11.5	.17	.17	1.00
								H2	10-60	S	90.7	1.8	7.5	.17	.17	0.25
CmB																
Clyde	100	2w	2.0	200	b/d	5	48	H1	0-22	SIL	23.8	50.7	25.5	.28	.28	7.50
								H2	22-33	L	38.5	36.5	25.0	.37	.37	2.50
								H3	33-56	L	38.5	36.5	25.0	.37	.37	2.50
								H4	56-60	L	41.1	36.9	22.0	.37	.37	0.25
CoB																
Coggon	100	2e	4.0	298	b	5	48	H1	0-10	L	41.6	37.4	21.0	.28	.28	2.50
								H2	10-40	SCL	57.0	18.0	25.0	.32	.32	0.75
								H3	40-60	L	41.6	37.4	21.0	.32	.32	0.25
CoC2																
Coggon	100	3e	7.0	200	b	5	48	H1	0-10	L	41.6	37.4	21.0	.32	.32	2.00
								H2	10-40	SCL	57.0	18.0	25.0	.32	.32	0.75
								H3	40-60	L	41.6	37.4	21.0	.32	.32	0.25

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
Cs																
Colo	50	2w	0.5	200	b/d	5	48	H1	0-14	SIL	9.5	67.5	23.0	.28	.28	6.00
								H2	14-34	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	34-60	SICL	6.9	63.1	30.0	.32	.32	1.50
Otter	50	2w	0.5	200	b/d	5	48	H1	0-37	SIL	9.5	68.0	22.5	.28	.28	6.50
								H2	37-47	SIL	9.5	68.0	22.5	.43	.43	2.00
								H3	47-60	SIL	11.2	67.3	21.5	.43	.43	1.25
Ct																
Colo	30	2w	2.0	200	b/d	5	38	H1	0-14	SIL	9.1	64.9	26.0	.28	.28	6.00
								H2	14-34	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	34-60	SICL	6.9	63.1	30.0	.32	.32	1.50
Otter	30	2w	1.0	200	b/d	5	48	H1	0-25	SIL	9.5	68.0	22.5	.28	.28	6.50
								H2	25-37	SIL	9.5	68.0	22.5	.43	.43	2.00
								H3	37-60	SIL	11.2	67.3	21.5	.43	.43	1.25
Ossian	20	2w	2.0	200	b/d	5	48	H1	0-15	SIL	9.2	66.3	24.5	.28	.28	6.00
								H2	15-60	SIL	9.1	65.9	25.0	.28	.28	2.50
DcA																
Dickinson	100	3s	1.0	200	b	4	86	H1	0-7	SL	66.8	19.2	14.0	.20	.20	2.50
								H2	7-20	SL	67.9	19.6	12.5	.17	.17	0.75
								H3	20-28	SL	69.0	24.0	7.0	.20	.20	0.25
								H4	28-60	S	91.1	1.9	7.0	.15	.15	0.25
DcB																
Dickinson	100	3e	4.0	298	b	4	86	H1	0-7	SL	66.8	19.2	14.0	.20	.20	2.00
								H2	7-20	SL	67.9	19.6	12.5	.17	.17	0.75
								H3	20-28	SL	69.0	24.0	7.0	.20	.20	0.25
								H4	28-60	S	91.1	1.9	7.0	.15	.15	0.25
DcC																
Dickinson	100	3e	7.0	200	b	4	86	H1	0-7	SL	66.8	19.2	14.0	.20	.20	2.00
								H2	7-20	SL	67.9	19.6	12.5	.17	.17	0.75
								H3	20-28	SL	69.0	24.0	7.0	.20	.20	0.25
								H4	28-60	S	91.1	1.9	7.0	.15	.15	0.25
DcD																
Dickinson	100	4e	12.0	200	b	4	86	H1	0-7	SL	66.8	19.2	14.0	.20	.20	2.00
								H2	7-20	SL	67.9	19.6	12.5	.17	.17	0.75
								H3	20-28	SL	69.0	24.0	7.0	.20	.20	0.25
								H4	28-60	S	91.1	1.9	7.0	.15	.15	0.25

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
DdB																
Donnan	95	2e	4.0	200	c	4	48	H1	0-8	L	39.5	37.5	23.0	.28	.28	3.00
								H2	8-23	CL	34.4	37.6	28.0	.28	.28	0.50
								H3	23-52	C	22.9	28.6	48.5	.28	.28	0.25
								H4	52-60	CL	34.4	37.6	28.0	.28	.28	0.25
De																
Dorchester	95	2w	0.5	200	b	5	86	H1	0-8	SIL	11.4	68.1	20.5	.37	.37	1.00
								H2	8-36	SR- SIL	11.4	68.1	20.5	.37	.37	1.00
								H3	36-60	SIL	9.3	66.7	24.0	.37	.37	2.50
DgB																
Dorchester	60	2w	4.0	200	b	5	86	H1	0-8	SIL	11.4	68.1	20.5	.37	.37	1.00
								H2	8-36	SR- SIL	11.4	68.1	20.5	.37	.37	1.00
								H3	36-60	SIL	9.3	66.7	24.0	.37	.37	2.50
Chaseburg	20	2e	4.0	200	b	5	56	H1	0-7	SIL	14.2	71.8	14.0	.37	.37	1.50
								H2	7-60	SIL	14.2	71.8	14.0	.37	.37	0.25
Volney	15	4s	4.0	200	b	4	0	H1	0-30	CN-SIL	26.3	52.7	21.0	.43	.24	1.50
								H2	30-60	CN-SIL	27.1	54.4	18.5	.43	.24	0.50
DhE3																
Dow	100	4e	17.0	200	b	4	86	H1	0-6	SIL	11.2	67.3	21.5	.43	.43	1.20
								H2	6-60	SIL	11.2	67.3	21.5	.43	.43	0.25
DoA																
Downs	100	1	1.0	200	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	3.50
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.75
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25
DoB																
Downs	100	2e	4.0	298	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.75
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25
DoC																
Downs	100	3e	7.0	200	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.75
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25
DoD																
Downs	100	3e	12.0	200	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.75
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
DoE2																
Downs	100	4e	16.0	200	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	2.50
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.25
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25
DoF2																
Downs	100	6e	21.0	200	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	2.50
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.25
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25
DtB																
Downs	50	2e	4.0	200	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.75
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25
Tama	50	2e	4.0	200	b	5	48	H1	0-15	SIL	9.1	65.4	25.5	.28	.28	3.00
								H2	15-47	SICL	6.9	62.1	31.0	.43	.43	1.50
								H3	47-60	SIL	9.1	65.9	25.0	.43	.43	0.25
DtC																
Downs	50	3e	7.0	200	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.75
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25
Tama	50	3e	7.0	200	b	5	48	H1	0-15	SIL	9.1	65.4	25.5	.28	.28	3.00
								H2	15-47	SICL	6.9	62.1	31.0	.43	.43	1.50
								H3	47-60	SIL	9.1	65.9	25.0	.43	.43	0.25
DtC2																
Downs	50	3e	7.0	200	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	2.50
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.25
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25
Tama	50	3e	7.0	200	b	5	48	H1	0-7	SIL	9.1	65.4	25.5	.32	.32	3.00
								H2	7-45	SICL	6.9	62.1	31.0	.43	.43	0.75
								H3	45-60	SIL	9.1	65.9	25.0	.43	.43	0.25
DtD2																
Downs	50	3e	12.0	200	b	5	48	H1	0-10	SIL	11.2	66.8	22.0	.32	.32	2.50
								H2	10-30	SICL	6.9	62.6	30.5	.43	.43	0.25
								H3	30-60	SIL	9.3	66.7	24.0	.43	.43	0.25
Tama	50	3e	12.0	200	b	5	48	H1	0-7	SIL	9.1	65.4	25.5	.32	.32	3.00
								H2	7-45	SICL	6.9	62.1	31.0	.43	.43	0.75
								H3	45-60	SIL	9.1	65.9	25.0	.43	.43	0.25

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
DuC2																
Dubuque	100	3e	7.0	200	b	3	48	H1	0-6	SIL	11.3	67.7	21.0	.37	.37	2.00
								H2	6-25	SICL	6.9	62.6	30.5	.37	.37	0.50
								H3	25-27	C	23.3	29.2	47.5	.37	.37	0.25
								H4	27-60	UWB	--	--	--	--	--	---
DuD2																
Dubuque	100	4e	12.0	200	b	3	48	H1	0-6	SIL	11.3	67.7	21.0	.37	.37	2.00
								H2	6-25	SICL	6.9	62.6	30.5	.37	.37	0.50
								H3	25-27	C	23.3	29.2	47.5	.37	.37	0.25
								H4	27-60	UWB	--	--	--	--	--	---
DuD3																
Dubuque	100	6e	12.0	200	b	2	48	H1	0-6	SIL	11.3	67.7	21.0	.37	.37	1.20
								H2	6-25	SICL	6.9	62.6	30.5	.37	.37	0.25
								H3	25-27	C	23.3	29.2	47.5	.37	.37	0.25
								H4	27-60	UWB	--	--	--	--	--	---
DuE2																
Dubuque	100	6e	16.0	200	b	3	48	H1	0-6	SIL	11.3	67.7	21.0	.37	.37	2.00
								H2	6-25	SICL	6.9	62.6	30.5	.37	.37	0.50
								H3	25-27	C	23.3	29.2	47.5	.37	.37	0.25
								H4	27-60	UWB	--	--	--	--	--	---
DuE3																
Dubuque	100	7e	16.0	200	b	3	48	H1	0-6	SIL	11.3	67.7	21.0	.37	.37	1.20
								H2	6-25	SICL	6.9	62.6	30.5	.37	.37	0.25
								H3	25-27	C	23.3	29.2	47.5	.37	.37	0.25
								H4	27-60	UWB	--	--	--	--	--	---
DuF2																
Dubuque	100	7e	24.0	200	b	3	48	H1	0-6	SIL	11.3	67.7	21.0	.37	.37	2.00
								H2	6-25	SICL	6.9	62.6	30.5	.37	.37	0.50
								H3	25-27	C	23.3	29.2	47.5	.37	.37	0.25
								H4	27-60	UWB	--	--	--	--	--	---
FaA																
Fayette	100	1	1.0	200	b	5	48	H1	0-16	SIL	11.3	67.7	21.0	.32	.32	3.00
								H2	16-39	SICL	6.9	63.1	30.0	.43	.43	0.50
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25
FaB																
Fayette	100	2e	4.0	200	b	5	48	H1	0-16	SIL	11.3	67.7	21.0	.32	.32	2.50
								H2	16-39	SICL	6.9	63.1	30.0	.43	.43	0.50
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
FaC2																
Fayette	100	3e	7.0	200	b	5	48	H1	0-8	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	8-39	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25
FaC3																
Fayette	100	4e	7.0	200	b	4	48	H1	0-8	SIL	9.1	64.9	26.0	.43	.43	1.20
								H2	8-39	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25
FaD2																
Fayette	100	3e	12.0	200	b	5	48	H1	0-8	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	8-39	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25
FaD3																
Fayette	100	4e	12.0	200	b	4	48	H1	0-8	SIL	9.1	64.9	26.0	.43	.43	1.20
								H2	8-39	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25
FaE2																
Fayette	100	4e	16.0	200	b	5	48	H1	0-8	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	8-39	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25
FaE3																
Fayette	100	6e	16.0	200	b	4	48	H1	0-8	SIL	9.1	64.9	26.0	.43	.43	1.20
								H2	8-39	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25
FaF2																
Fayette	100	6e	21.0	200	b	5	48	H1	0-8	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	8-39	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25
FaF3																
Fayette	100	6e	21.0	200	b	4	48	H1	0-8	SIL	9.1	64.9	26.0	.43	.43	1.20
								H2	8-39	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25
FaG																
Fayette	100	7e	30.0	200	b	5	48	H1	0-16	SIL	11.3	67.7	21.0	.32	.32	2.50
								H2	16-39	SICL	6.9	63.1	30.0	.43	.43	0.50
								H3	39-60	SIL	9.3	66.7	24.0	.43	.43	0.25

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
FeA																
Festina	100	1	1.0	200	b	5	48	H1	0-12	SIL	11.3	67.7	21.0	.28	.28	3.50
								H2	12-47	SIL	9.0	64.5	26.5	.43	.43	0.50
								H3	47-68	SIL	9.3	66.7	24.0	.43	.43	0.25
								H4	68-75	SR- S SIL	14.3	72.7	13.0	.43	.43	0.25
FeB																
Festina	100	2e	4.0	200	b	5	48	H1	0-12	SIL	11.3	67.7	21.0	.28	.28	3.50
								H2	12-47	SIL	9.0	64.5	26.5	.43	.43	0.50
								H3	47-68	SIL	9.3	66.7	24.0	.43	.43	0.25
								H4	68-75	SR- S SIL	14.3	72.7	13.0	.43	.43	0.25
FlB																
Floyd	95	2w	3.0	298	b	5	48	H1	0-15	L	39.5	37.5	23.0	.24	.24	5.50
								H2	15-39	L	41.6	37.4	21.0	.32	.32	1.50
								H3	39-42	LS	82.2	8.8	9.0	.32	.32	0.50
								H4	42-60	CL	34.4	37.6	28.0	.32	.32	0.25
FmB																
Floyd	50	2w	2.0	200	b	5	48	H1	0-15	L	39.5	37.5	23.0	.24	.24	5.50
								H2	15-39	L	41.6	37.4	21.0	.32	.32	1.50
								H3	39-42	LS	82.2	8.8	9.0	.32	.32	0.50
								H4	42-60	CL	34.4	37.6	28.0	.32	.32	0.25
Clyde	30	2w	2.0	200	b/d	5	48	H1	0-22	SIL	23.8	50.7	25.5	.28	.28	7.50
								H2	22-33	L	38.5	36.5	25.0	.37	.37	2.50
								H3	33-56	SL	65.1	18.9	16.0	.37	.37	0.50
								H4	56-60	L	41.1	36.9	22.0	.37	.37	0.25
FnB																
Franklin Variant	95	2w	3.0	200	b	5	48	H1	0-14	SIL	26.5	53.5	20.0	.28	.28	3.00
								H2	14-26	SICL	19.9	52.1	28.0	.32	.32	0.75
								H3	26-60	CL	34.4	37.6	28.0	.32	.32	0.25
FrC																
Frankville	100	3e	7.0	200	b	3	48	H1	0-6	SIL	11.2	67.3	21.5	.32	.32	3.00
								H2	6-23	SICL	7.1	65.4	27.5	.43	.43	0.50
								H3	23-28	C	23.3	29.2	47.5	.32	.32	0.25
								H4	28-60	UWB	--	--	--	--	--	---
FrD2																
Frankville	100	4e	12.0	200	b	3	48	H1	0-6	SIL	11.2	67.3	21.5	.37	.37	2.50
								H2	6-23	SICL	7.1	65.4	27.5	.43	.43	0.25
								H3	23-28	C	23.3	29.2	47.5	.32	.32	0.25
								H4	28-60	UWB	--	--	--	--	--	---

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
FrE2																
Frankville	100	6e	16.0	200	b	3	48	H1	0-6	SIL	11.2	67.3	21.5	.37	.37	2.50
								H2	6-23	SICL	7.1	65.4	27.5	.43	.43	0.25
								H3	23-28	C	23.3	29.2	47.5	.32	.32	0.25
								H4	28-60	UWB	--	--	--	--	--	---
HaA																
Hagener	100	4s	1.0	200	a	5	134	H1	0-18	LS	84.3	9.2	6.5	.17	.17	1.50
								H2	18-40	S	94.1	1.4	4.5	.15	.15	0.55
								H3	40-60	S	96.0	1.5	2.5	.15	.15	0.25
HaB																
Hagener	100	4s	4.0	200	a	5	134	H1	0-18	LS	84.3	9.2	6.5	.17	.17	1.50
								H2	18-40	S	94.1	1.4	4.5	.15	.15	0.55
								H3	40-60	S	96.0	1.5	2.5	.15	.15	0.25
HaD																
Hagener	100	6s	10.0	200	a	5	134	H1	0-18	LS	84.3	9.2	6.5	.17	.17	1.50
								H2	18-40	S	94.1	1.4	4.5	.15	.15	0.55
								H3	40-60	S	96.0	1.5	2.5	.15	.15	0.25
HdA																
Hayfield	95	2s	2.0	200	b	4	48	H1	0-11	L	39.8	37.7	22.5	.32	.32	3.50
								H2	11-29	L	39.1	36.9	24.0	.32	.32	0.75
								H3	29-60	GR-COS	91.0	6.5	2.5	.15	.15	0.25
HmA																
Hayfield	95	2s	2.0	200	b	4	48	H1	0-11	L	39.8	37.7	22.5	.32	.32	3.50
								H2	11-29	L	39.1	36.9	24.0	.32	.32	0.75
								H3	29-60	GR-COS	91.0	6.5	2.5	.15	.15	0.25
HuA																
Huntsville	95	1	1.0	200	b	5	48	H1	0-31	SIL	9.5	68.0	22.5	.28	.28	3.50
								H2	31-52	SIL	9.5	68.0	22.5	.28	.28	0.35
								H3	52-60	SIL	13.6	68.9	17.5	.28	.28	0.60
HuB																
Huntsville	95	2e	4.0	200	b	5	48	H1	0-31	SIL	9.5	68.0	22.5	.28	.28	3.50
								H2	31-52	SIL	9.5	68.0	22.5	.28	.28	0.35
								H3	52-60	SIL	13.6	68.9	17.5	.28	.28	0.60
JaA																
Jacwin	95	2w	1.0	200	b	4	48	H1	0-19	L	38.8	36.7	24.5	.28	.28	5.50
								H2	19-27	L	38.0	36.0	26.0	.28	.28	1.50
								H3	27-36	SIC	2.6	44.9	52.5	.28	.28	0.50
								H4	36-60	WB	--	--	--	--	--	---

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
JaB																
Jacwin	95	2e	4.0	200	b	4	48	H1	0-19	L	38.8	36.7	24.5	.28	.28	5.00
								H2	19-27	L	38.0	36.0	26.0	.28	.28	1.50
								H3	27-36	SIC	2.6	44.9	52.5	.28	.28	0.50
								H4	36-60	WB	--	--	--	--	--	---
JaC																
Jacwin	95	3e	7.0	200	b	4	48	H1	0-19	L	38.8	36.7	24.5	.28	.28	4.50
								H2	19-27	L	38.0	36.0	26.0	.28	.28	1.50
								H3	27-36	SIC	2.6	44.9	52.5	.28	.28	0.50
								H4	36-60	WB	--	--	--	--	--	---
JaD																
Jacwin	95	4e	12.0	200	b	4	48	H1	0-19	L	38.8	36.7	24.5	.28	.28	4.00
								H2	19-27	L	38.0	36.0	26.0	.28	.28	1.50
								H3	27-36	SIC	2.6	44.9	52.5	.28	.28	0.50
								H4	36-60	WB	--	--	--	--	--	---
KaA																
Kato	95	2s	2.0	200	b	4	48	H1	0-15	L	39.8	37.7	22.5	.24	.24	4.50
								H2	15-27	L	39.1	36.9	24.0	.28	.28	1.50
								H3	27-60	LCOS	84.0	11.0	5.0	.20	.10	0.25
KdA																
Kato	95	2s	2.0	200	b	4	48	H1	0-27	L	39.8	37.7	22.5	.24	.24	4.50
								H2	27-36	L	39.1	36.9	24.0	.28	.28	1.50
								H3	36-60	LCOS	84.0	11.0	5.0	.20	.10	0.25
KsB																
Kato	95	2w	4.0	200	b	4	48	H1	0-19	L	39.8	37.7	22.5	.28	.28	4.00
								H2	19-30	L	41.1	36.9	22.0	.28	.28	2.00
								H3	30-44	SL	64.3	30.7	5.0	.10	.10	0.25
								H4	44-60	WB	--	--	--	--	--	---
KsC																
Kato	95	3e	7.0	200	b	4	48	H1	0-19	L	39.8	37.7	22.5	.28	.28	4.00
								H2	19-30	L	41.1	36.9	22.0	.28	.28	2.00
								H3	30-44	SL	64.3	30.7	5.0	.10	.10	0.25
								H4	44-60	WB	--	--	--	--	--	---
KyB																
Kenyon	100	2e	4.0	200	b	5	48	H1	0-12	L	41.1	36.9	22.0	.24	.24	3.50
								H2	12-55	L	38.5	36.5	25.0	.28	.28	0.75
								H3	55-60	L	41.1	36.9	22.0	.37	.37	0.25

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
LaB																
Lamont	100	3e	3.0	200	b	4	86	H1	0-7	SL	67.9	19.6	12.5	.24	.24	1.00
								H2	7-21	FSL	63.5	26.5	10.0	.24	.24	0.25
								H3	21-47	L	43.8	40.2	16.0	.24	.24	0.25
								H4	47-60	S	92.1	1.9	6.0	.17	.17	0.25
LaC																
Lamont	100	3e	7.0	200	b	4	86	H1	0-7	SL	67.9	19.6	12.5	.24	.24	1.00
								H2	7-21	FSL	63.5	26.5	10.0	.24	.24	0.25
								H3	21-47	L	43.8	40.2	16.0	.24	.24	0.25
								H4	47-60	S	92.1	1.9	6.0	.17	.17	0.25
LaD																
Lamont	100	4e	12.0	200	b	4	86	H1	0-7	SL	67.9	19.6	12.5	.24	.24	1.00
								H2	7-21	FSL	63.5	26.5	10.0	.24	.24	0.25
								H3	21-47	L	43.8	40.2	16.0	.24	.24	0.25
								H4	47-60	S	92.1	1.9	6.0	.17	.17	0.25
LdB																
Lamont Variant	100	2e	6.0	200	b	5	86	H1	0-7	SL	67.9	19.6	12.5	.24	.24	1.50
								H2	7-12	SL	67.9	19.6	12.5	.24	.24	0.25
								H3	12-25	SL	66.8	15.2	18.0	.32	.32	0.25
								H4	25-60	L	39.1	36.9	24.0	.32	.32	0.25
LkA																
Kennebec	45	1	1.0	200	b	5	48	H1	0-40	SIL	9.2	66.3	24.5	.28	.28	5.50
								H2	40-60	SIL	9.1	64.9	26.0	.43	.43	1.50
Lawson	45	2w	1.0	200	c	5	56	H1	0-7	SIL	11.7	69.8	18.5	.28	.28	3.70
								H2	7-29	SIL	11.4	68.6	20.0	.28	.28	5.00
								H3	29-60	SIL	9.3	66.7	24.0	.43	.43	0.55
LmB																
Lawson	95	2w	3.0	200	c	5	56	H1	0-7	SIL	11.7	69.8	18.5	.28	.28	3.50
								H2	7-29	SIL	11.4	68.6	20.0	.28	.28	5.00
								H3	29-60	SIL	9.3	66.7	24.0	.43	.43	0.55
MaB																
Marlean	100	4e	4.0	200	b	3	48	H1	0-9	L	41.6	37.4	21.0	.24	.24	3.50
								H2	9-12	L	39.1	36.9	24.0	.24	.24	0.50
								H3	12-60	FL-L	42.1	37.9	20.0	.24	.24	0.25
MaC																
Marlean	100	4e	7.0	200	b	3	48	H1	0-9	L	41.6	37.4	21.0	.24	.24	3.50
								H2	9-12	L	39.1	36.9	24.0	.24	.24	0.50
								H3	12-60	FL-L	42.1	37.9	20.0	.24	.24	0.25

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
MaC2																
Marlean	100	4e	7.0	200	b	3	48	H1	0-9	L	41.6	37.4	21.0	.24	.24	2.70
								H2	9-12	L	39.1	36.9	24.0	.24	.24	0.25
								H3	12-60	FL-L	42.1	37.9	20.0	.24	.24	0.25
MaD2																
Marlean	100	6e	12.0	200	b	3	48	H1	0-9	L	41.6	37.4	21.0	.24	.24	2.70
								H2	9-12	L	39.1	36.9	24.0	.24	.24	0.25
								H3	12-60	FL-L	42.1	37.9	20.0	.24	.24	0.25
MaD3																
Marlean	100	7e	12.0	200	b	2	48	H1	0-9	L	41.6	37.4	21.0	.24	.24	1.70
								H2	9-12	L	39.1	36.9	24.0	.24	.24	0.25
								H3	12-60	FL-L	42.1	37.9	20.0	.43	.24	0.25
MaE2																
Marlean	100	7e	19.0	200	b	3	48	H1	0-9	L	41.6	37.4	21.0	.24	.24	2.70
								H2	9-12	L	39.1	36.9	24.0	.24	.24	0.25
								H3	12-60	FL-L	42.1	37.9	20.0	.24	.24	0.25
MaE3																
Marlean	100	7e	19.0	200	b	2	48	H1	0-9	L	41.6	37.4	21.0	.24	.24	1.70
								H2	9-12	L	39.1	36.9	24.0	.24	.24	0.25
								H3	12-60	FL-L	42.1	37.9	20.0	.43	.24	0.25
NaC2																
Nasset	100	3e	7.0	200	b	3	48	H1	0-15	SIL	11.3	67.7	21.0	.32	.32	2.50
								H2	15-37	SIL	9.1	64.9	26.0	.43	.43	0.75
								H3	37-42	C	23.3	29.2	47.5	.32	.32	0.25
								H4	42-60	UWB	--	--	--	--	--	---
NaD2																
Nasset	100	3e	12.0	200	b	3	48	H1	0-15	SIL	11.3	67.7	21.0	.32	.32	2.50
								H2	15-37	SIL	9.1	64.9	26.0	.43	.43	0.75
								H3	37-42	C	23.3	29.2	47.5	.32	.32	0.25
								H4	42-60	UWB	--	--	--	--	--	---
NaE2																
Nasset	100	4e	16.0	200	b	3	48	H1	0-15	SIL	11.3	67.7	21.0	.32	.32	2.50
								H2	15-37	SIL	9.1	64.9	26.0	.43	.43	0.75
								H3	37-42	C	23.3	29.2	47.5	.32	.32	0.25
								H4	42-60	UWB	--	--	--	--	--	---
NoD																
Nordness	100	6s	10.0	200	b	1	48	H1	0-5	SIL	26.3	52.7	21.0	.32	.32	2.50
								H2	5-9	SIL	23.8	50.7	25.5	.32	.32	0.75
								H3	9-12	SICL	19.3	52.2	28.5	.37	.37	0.25
								H4	12-60	UWB	--	--	--	--	--	0.00

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
NoE																
Nordness	100	7s	19.0	200	b	1	48	H1	0-5	SIL	26.3	52.7	21.0	.32	.32	2.50
								H2	5-9	SIL	23.8	50.7	25.5	.32	.32	0.75
								H3	9-12	SICL	19.3	52.2	28.5	.37	.37	0.25
								H4	12-60	UWB	--	--	--	--	--	0.00
OrA																
Oran	95	1	1.0	200	b	5	48	H1	0-14	L	42.1	37.9	20.0	.24	.24	3.50
								H2	14-42	L	38.5	36.5	25.0	.32	.32	1.50
								H3	42-60	L	39.5	37.5	23.0	.37	.37	0.25
OrB																
Oran	95	2e	4.0	200	b	5	48	H1	0-14	L	42.1	37.9	20.0	.24	.24	3.00
								H2	14-42	L	38.5	36.5	25.0	.32	.32	1.50
								H3	42-60	L	39.5	37.5	23.0	.37	.37	0.25
OsB																
Orwood	100	2e	4.0	200	b	5	48	H1	0-8	SIL	26.3	52.7	21.0	.28	.28	3.00
								H2	8-50	SIL	24.0	51.0	25.0	.43	.43	1.50
								H3	50-60	SIL	26.0	52.0	22.0	.43	.43	0.25
OsC2																
Orwood	100	3e	7.0	200	b	5	48	H1	0-8	SIL	26.3	52.7	21.0	.32	.32	2.50
								H2	8-50	SIL	24.0	51.0	25.0	.43	.43	0.50
								H3	50-60	SIL	26.0	52.0	22.0	.43	.43	0.25
OsD2																
Orwood	100	3e	12.0	200	b	5	48	H1	0-8	SIL	26.3	52.7	21.0	.32	.32	2.50
								H2	8-50	SIL	24.0	51.0	25.0	.43	.43	0.50
								H3	50-60	SIL	26.0	52.0	22.0	.43	.43	0.25
OsE2																
Orwood	100	4e	16.0	200	b	5	48	H1	0-8	SIL	26.3	52.7	21.0	.32	.32	2.50
								H2	8-50	SIL	24.0	51.0	25.0	.43	.43	0.50
								H3	50-60	SIL	26.0	52.0	22.0	.43	.43	0.25
OsE3																
Orwood	100	6e	16.0	200	b	4	48	H1	0-8	SIL	26.3	52.7	21.0	.43	.43	1.50
								H2	8-50	SIL	24.0	51.0	25.0	.43	.43	0.25
								H3	50-60	SIL	26.0	52.0	22.0	.43	.43	0.25
OsF2																
Orwood	100	6e	24.0	200	b	5	48	H1	0-8	SIL	26.3	52.7	21.0	.32	.32	2.50
								H2	8-50	SIL	24.0	51.0	25.0	.43	.43	0.50
								H3	50-60	SIL	26.0	52.0	22.0	.43	.43	0.25

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
Ot																
Ossian	100	2w	2.0	200	b/d	5	48	H1	0-22	SIL	9.2	66.3	24.5	.28	.28	6.00
								H2	22-60	SIL	9.1	65.9	25.0	.28	.28	2.50
OuA																
Ostrander	100	1	1.0	200	b	5	48	H1	0-18	L	39.8	37.7	22.5	.28	.28	4.00
								H2	18-22	L	39.8	37.7	22.5	.28	.28	1.50
								H3	22-55	L	42.1	37.9	20.0	.28	.28	0.50
								H4	55-60	L	39.8	37.7	22.5	.37	.37	0.25
OuB																
Ostrander	100	2e	4.0	200	b	5	48	H1	0-18	L	39.8	37.7	22.5	.28	.28	3.50
								H2	18-22	L	39.8	37.7	22.5	.28	.28	1.50
								H3	22-55	L	42.1	37.9	20.0	.28	.28	0.50
								H4	55-60	L	39.8	37.7	22.5	.37	.37	0.25
OuC																
Ostrander	100	3e	7.0	200	b	5	48	H1	0-18	L	39.8	37.7	22.5	.28	.28	3.50
								H2	18-22	L	39.8	37.7	22.5	.28	.28	1.50
								H3	22-55	L	42.1	37.9	20.0	.28	.28	0.50
								H4	55-60	L	39.8	37.7	22.5	.37	.37	0.25
OvB																
Lawson	30	2w	2.0	200	c	5	56	H1	0-7	SIL	11.7	69.8	18.5	.28	.28	4.00
								H2	7-29	SIL	11.4	68.6	20.0	.28	.28	5.00
								H3	29-60	SIL	9.3	66.7	24.0	.43	.43	2.50
Otter	30	2w	2.0	200	b/d	5	48	H1	0-37	SIL	9.5	68.0	22.5	.28	.28	4.50
								H2	37-47	SIL	9.5	68.0	22.5	.43	.43	2.00
								H3	47-60	SIL	11.2	67.3	21.5	.43	.43	1.25
Ossian	20	2w	2.0	200	b/d	5	48	H1	0-18	SIL	9.2	66.3	24.5	.28	.28	4.50
								H2	18-60	SIL	9.1	65.9	25.0	.28	.28	2.50
Ow																
Otter	50	2w	1.0	200	b/d	5	48	H1	0-37	SIL	9.5	68.0	22.5	.28	.28	4.50
								H2	37-47	SIL	9.5	68.0	22.5	.43	.43	2.00
								H3	47-60	SIL	11.2	67.3	21.5	.43	.43	1.25
Ossian	30	2w	1.0	200	b/d	5	48	H1	0-18	SIL	9.2	66.3	24.5	.28	.28	4.50
								H2	18-60	SIL	9.1	65.9	25.0	.28	.28	2.50

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
Ox																
Ossian	50	2w	2.0	200	b/d	5	48	H1	0-18	SIL	9.2	66.3	24.5	.28	.28	4.50
								H2	18-60	SIL	9.1	65.9	25.0	.28	.28	2.50
Otter	50	2w	1.0	200	b/d	5	48	H1	0-37	SIL	9.5	68.0	22.5	.28	.28	4.50
								H2	37-47	SIL	9.5	68.0	22.5	.43	.43	2.00
								H3	47-60	SIL	11.2	67.3	21.5	.43	.43	1.25
PaC2																
Palsgrove	100	3e	7.0	200	b	3	48	H1	0-6	SIL	9.3	66.7	24.0	.32	.32	2.00
								H2	6-40	SIL	9.1	64.9	26.0	.43	.43	0.65
								H3	40-42	SIC	2.5	42.5	55.0	.32	.32	0.15
								H4	42-60	UWB	--	--	--	--	--	---
PaD2																
Palsgrove	100	3e	12.0	200	b	3	48	H1	0-6	SIL	9.3	66.7	24.0	.32	.32	2.00
								H2	6-40	SIL	9.1	64.9	26.0	.43	.43	0.65
								H3	40-42	SIC	2.5	42.5	55.0	.32	.32	0.15
								H4	42-60	UWB	--	--	--	--	--	---
PaD3																
Palsgrove	100	4e	12.0	200	b	2	48	H1	0-6	SIL	9.3	66.7	24.0	.32	.32	1.20
								H2	6-40	SIL	9.1	64.9	26.0	.43	.43	0.65
								H3	40-42	SIC	2.5	42.5	55.0	.32	.32	0.15
								H4	42-60	UWB	--	--	--	--	--	---
PaE2																
Palsgrove	100	4e	16.0	200	b	3	48	H1	0-6	SIL	9.3	66.7	24.0	.32	.32	2.00
								H2	6-40	SIL	9.1	64.9	26.0	.43	.43	0.65
								H3	40-42	SIC	2.5	42.5	55.0	.32	.32	0.15
								H4	42-60	UWB	--	--	--	--	--	---
PaE3																
Palsgrove	100	6e	16.0	200	b	2	48	H1	0-6	SIL	9.3	66.7	24.0	.32	.32	1.20
								H2	6-40	SIL	9.1	64.9	26.0	.43	.43	0.65
								H3	40-42	SIC	2.5	42.5	55.0	.32	.32	0.15
								H4	42-60	UWB	--	--	--	--	--	---
PaF2																
Palsgrove	100	6e	21.0	200	b	3	48	H1	0-6	SIL	9.3	66.7	24.0	.32	.32	2.00
								H2	6-40	SIL	9.1	64.9	26.0	.43	.43	0.65
								H3	40-42	SIC	2.5	42.5	55.0	.32	.32	0.15
								H4	42-60	UWB	--	--	--	--	--	---
Pk																
Peaty Muck	95	3w	3.0	200	a/d	2	134	H1	0-13	MUCK	--	--	0.0	.28	.28	75.00
								H2	13-37	MUCK	--	--	0.0	--	--	75.00
								H3	37-60	SICL	19.9	52.1	28.0	.37	.37	1.00

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
Pw																
Peaty Muck	95	5w	1.0	200	a/d	5	38	H1	0-10	SIL	23.6	50.4	26.0	.37	.37	2.50
								H2	10-46	MUCK	--	--	0.0	--	--	75.00
								H3	46-60	SICL	19.9	52.1	28.0	--	--	1.00
RaA																
Racine	100	1	1.0	200	b	5	48	H1	0-12	L	39.8	37.7	22.5	.32	.32	3.50
								H2	12-18	L	37.4	35.6	27.0	.32	.32	1.00
								H3	18-44	L	38.5	36.5	25.0	.32	.32	0.50
								H4	44-60	L	39.8	37.7	22.5	.32	.32	0.25
RaB																
Racine	100	2e	4.0	298	b	5	48	H1	0-12	L	39.8	37.7	22.5	.32	.32	3.00
								H2	12-18	L	37.4	35.6	27.0	.32	.32	1.00
								H3	18-44	L	38.5	36.5	25.0	.32	.32	0.50
								H4	44-60	L	39.8	37.7	22.5	.32	.32	0.25
RaC																
Racine	100	3e	7.0	200	b	5	48	H1	0-12	L	39.8	37.7	22.5	.32	.32	3.00
								H2	12-18	L	37.4	35.6	27.0	.32	.32	1.00
								H3	18-44	L	38.5	36.5	25.0	.32	.32	0.50
								H4	44-60	L	39.8	37.7	22.5	.32	.32	0.25
RaC2																
Racine	100	3e	7.0	200	b	5	48	H1	0-12	L	39.8	37.7	22.5	.32	.32	2.50
								H2	12-18	L	37.4	35.6	27.0	.32	.32	1.00
								H3	18-44	L	38.5	36.5	25.0	.32	.32	0.50
								H4	44-60	L	39.8	37.7	22.5	.32	.32	0.25
RaD2																
Racine	100	3e	12.0	200	b	5	48	H1	0-12	L	39.8	37.7	22.5	.32	.32	2.50
								H2	12-18	L	37.4	35.6	27.0	.32	.32	1.00
								H3	18-44	L	38.5	36.5	25.0	.32	.32	0.50
								H4	44-60	L	39.8	37.7	22.5	.32	.32	0.25
ReB																
Renova	100	2e	4.0	298	b	5	48	H1	0-11	L	39.2	37.3	23.5	.37	.37	2.50
								H2	11-14	L	38.0	36.0	26.0	.37	.37	1.00
								H3	14-50	L	38.5	36.5	25.0	.37	.37	0.50
								H4	50-60	L	39.2	37.3	23.5	.37	.37	0.25
ReC																
Renova	100	3e	7.0	200	b	5	48	H1	0-11	L	39.2	37.3	23.5	.37	.37	2.50
								H2	11-14	L	38.0	36.0	26.0	.37	.37	1.00
								H3	14-50	L	38.5	36.5	25.0	.37	.37	0.50
								H4	50-60	L	39.2	37.3	23.5	.37	.37	0.25

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
ReC2																
Renova	100	3e	7.0	200	b	5	48	H1	0-11	L	39.2	37.3	23.5	.37	.37	2.50
								H2	11-14	L	38.0	36.0	26.0	.37	.37	1.00
								H3	14-50	L	38.5	36.5	25.0	.37	.37	0.50
								H4	50-60	L	39.2	37.3	23.5	.37	.37	0.25
ReD2																
Renova	100	3e	12.0	200	b	5	48	H1	0-11	L	39.2	37.3	23.5	.37	.37	2.50
								H2	11-14	L	38.0	36.0	26.0	.37	.37	1.00
								H3	14-50	L	38.5	36.5	25.0	.37	.37	0.50
								H4	50-60	L	39.2	37.3	23.5	.37	.37	0.25
ReD3																
Renova	100	4e	12.0	151	b	5	48	H1	0-11	L	39.2	37.3	23.5	.37	.37	2.50
								H2	11-14	L	38.0	36.0	26.0	.37	.37	1.00
								H3	14-50	L	38.5	36.5	25.0	.37	.37	0.50
								H4	50-60	L	39.2	37.3	23.5	.37	.37	0.25
ReE2																
Renova	100	4e	16.0	200	b	5	48	H1	0-11	L	39.2	37.3	23.5	.37	.37	2.50
								H2	11-14	L	38.0	36.0	26.0	.37	.37	1.00
								H3	14-50	L	38.5	36.5	25.0	.37	.37	0.50
								H4	50-60	L	39.2	37.3	23.5	.37	.37	0.25
ReE3																
Renova	100	6e	16.0	200	b	5	48	H1	0-11	L	39.2	37.3	23.5	.37	.37	2.50
								H2	11-14	L	38.0	36.0	26.0	.37	.37	1.00
								H3	14-50	L	38.5	36.5	25.0	.37	.37	0.50
								H4	50-60	L	39.2	37.3	23.5	.37	.37	0.25
RfB																
Riceville	100	2e	5.0	200	c	5	48	H1	0-8	L	39.8	37.7	22.5	.28	.28	3.50
								H2	8-16	L	38.0	36.0	26.0	.32	.32	0.75
								H3	16-60	CL	34.7	32.8	32.5	.37	.37	0.25
RkA																
Rockton	100	2s	1.0	200	b	3	48	H1	0-18	L	39.8	37.7	22.5	.28	.28	3.50
								H2	18-26	CL	33.5	36.5	30.0	.28	.28	0.75
								H3	26-31	C	23.3	29.2	47.5	.28	.28	0.25
								H4	31-60	UWB	--	--	--	--	--	---
RkB																
Rockton	100	2e	4.0	298	b	3	48	H1	0-18	L	39.8	37.7	22.5	.28	.28	3.50
								H2	18-26	CL	33.5	36.5	30.0	.28	.28	0.75
								H3	26-31	C	23.3	29.2	47.5	.28	.28	0.25
								H4	31-60	UWB	--	--	--	--	--	---

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
RkC																
Rockton	100	3e	7.0	200	b	3	48	H1	0-18	L	39.8	37.7	22.5	.28	.28	3.50
								H2	18-26	CL	33.5	36.5	30.0	.28	.28	0.75
								H3	26-31	C	23.3	29.2	47.5	.28	.28	0.25
								H4	31-60	UWB	--	--	--	--	--	---
RkD																
Rockton	100	4e	12.0	200	b	3	48	H1	0-18	L	39.8	37.7	22.5	.28	.28	3.50
								H2	18-26	CL	33.5	36.5	30.0	.28	.28	0.75
								H3	26-31	C	23.3	29.2	47.5	.28	.28	0.25
								H4	31-60	UWB	--	--	--	--	--	---
RoA																
Rowley	95	1	2.0	200	c	4	56	H1	0-13	SIL	11.7	69.8	18.5	.28	.28	4.50
								H2	13-46	SIL	9.1	65.9	25.0	.43	.43	0.50
								H3	46-60	SIL	14.0	71.0	15.0	.43	.43	0.25
Rw																
Lawson	50	2w	2.0	200	c	5	56	H1	0-7	SIL	11.7	69.8	18.5	.28	.28	1.00
								H2	7-29	SIL	11.4	68.6	20.0	.28	.28	5.00
								H3	29-60	SIL	9.3	66.7	24.0	.43	.43	0.55
Rowley	45	1	2.0	200	c	4	56	H1	0-13	SIL	11.7	69.8	18.5	.28	.28	1.00
								H2	13-46	SIL	9.1	65.9	25.0	.43	.43	3.00
								H3	46-60	SIL	14.0	71.0	15.0	.43	.43	0.25
SbA																
Sattre	100	2s	1.0	200	b	4	48	H1	0-11	L	41.6	37.4	21.0	.24	.24	3.50
								H2	11-44	L	39.5	37.5	23.0	.28	.28	0.75
								H3	44-60	GR-S	93.6	1.4	5.0	.20	.10	0.25
SbB																
Sattre	100	2e	4.0	200	b	4	48	H1	0-11	L	41.6	37.4	21.0	.24	.24	3.00
								H2	11-44	L	39.5	37.5	23.0	.28	.28	0.75
								H3	44-60	GR-S	93.6	1.4	5.0	.20	.10	0.25
SbC2																
Sattre	100	3e	7.0	200	b	4	48	H1	0-11	L	41.6	37.4	21.0	.28	.28	2.50
								H2	11-44	L	39.5	37.5	23.0	.28	.28	0.50
								H3	44-60	GR-S	93.6	1.4	5.0	.20	.10	0.25
SdA																
Sattre	100	2s	1.0	200	b	4	56	H1	0-11	L	44.3	40.7	15.0	.24	.24	3.50
								H2	11-34	L	44.3	40.7	15.0	.28	.28	0.50
								H3	34-60	GR-S	92.1	1.9	6.0	.17	.10	0.25

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
SdB																
Sattre	100	2e	4.0	200	b	4	56	H1	0-11	L	44.3	40.7	15.0	.24	.24	3.00
								H2	11-34	L	44.3	40.7	15.0	.28	.28	0.50
								H3	34-60	GR-S	92.1	1.9	6.0	.17	.10	0.25
SdC2																
Sattre	100	3e	7.0	200	b	4	56	H1	0-11	L	44.3	40.7	15.0	.28	.28	2.50
								H2	11-34	L	44.3	40.7	15.0	.28	.28	0.50
								H3	34-60	GR-S	92.1	1.9	6.0	.17	.10	0.25
SdD2																
Sattre	100	4e	12.0	200	b	4	56	H1	0-11	L	44.3	40.7	15.0	.28	.28	2.50
								H2	11-34	L	44.3	40.7	15.0	.28	.28	0.50
								H3	34-60	GR-S	92.1	1.9	6.0	.17	.10	0.25
Sp																
Spillville	95	2w	0.5	200	b	5	48	H1	0-54	L	41.1	36.9	22.0	.24	.24	4.50
								H2	54-60	L	42.7	38.3	19.0	.28	.28	2.50
TeA																
Terril	100	1	1.0	200	b	5	48	H1	0-32	L	41.1	36.9	22.0	.24	.24	4.00
								H2	32-60	L	39.8	37.7	22.5	.32	.32	0.50
TeB																
Terril	100	2e	4.0	298	b	5	48	H1	0-32	L	41.1	36.9	22.0	.24	.24	3.50
								H2	32-60	L	39.8	37.7	22.5	.32	.32	0.50
TgA																
Turlin	95	2w	1.0	200	b	4	48	H1	0-34	SIL	26.0	52.0	22.0	.24	.24	5.00
								H2	34-41	L	39.1	36.9	24.0	.28	.28	2.50
								H3	41-60	L	45.4	41.6	13.0	.24	.24	0.50
TgB																
Turlin	95	2e	4.0	298	b	4	48	H1	0-34	SIL	26.0	52.0	22.0	.24	.24	5.00
								H2	34-41	L	39.1	36.9	24.0	.28	.28	2.50
								H3	41-60	L	45.4	41.6	13.0	.24	.24	0.50
VcA																
Volney	95	4s	1.0	200	b	4	0	H1	0-30	CN-SIL	26.3	52.7	21.0	.43	.24	4.00
								H2	30-60	CN-SIL	27.1	54.4	18.5	.43	.24	0.50
VcB																
Volney	95	4s	4.0	200	b	4	0	H1	0-30	CN-SIL	26.3	52.7	21.0	.43	.24	4.00
								H2	30-60	CN-SIL	27.1	54.4	18.5	.43	.24	0.50

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
VoA																
Volney	95	1	1.0	200	b	4	0	H1	0-12	SIL	26.0	52.0	22.0	.24	.24	5.00
								H2	12-30	CN-SIL	26.3	52.7	21.0	.43	.24	1.00
								H3	30-60	CN-SIL	27.1	54.4	18.5	.43	.24	0.50
VoB																
Volney	95	2e	4.0	200	b	4	0	H1	0-12	SIL	26.0	52.0	22.0	.24	.24	5.00
								H2	12-30	CN-SIL	26.3	52.7	21.0	.43	.24	1.00
								H3	30-60	CN-SIL	27.1	54.4	18.5	.43	.24	0.50
WcA																
Waucoma	100	1	1.0	200	b	4	48	H1	0-18	L	41.6	37.4	21.0	.24	.24	3.50
								H2	18-36	L	39.2	37.3	23.5	.28	.28	1.50
								H3	36-39	C	23.9	29.6	46.5	.28	.28	0.50
								H4	39-60	UWB	--	--	--	--	--	---
WcB																
Waucoma	100	2e	4.0	200	b	4	48	H1	0-18	L	41.6	37.4	21.0	.24	.24	3.00
								H2	18-36	L	39.2	37.3	23.5	.28	.28	1.50
								H3	36-39	C	23.9	29.6	46.5	.28	.28	0.50
								H4	39-60	UWB	--	--	--	--	--	---
WcC																
Waucoma	100	3e	7.0	200	b	4	48	H1	0-18	L	41.6	37.4	21.0	.24	.24	3.00
								H2	18-36	L	39.2	37.3	23.5	.28	.28	1.50
								H3	36-39	C	23.9	29.6	46.5	.28	.28	0.50
								H4	39-60	UWB	--	--	--	--	--	---
WcD																
Waucoma	100	3e	12.0	200	b	4	48	H1	0-18	L	41.6	37.4	21.0	.24	.24	3.00
								H2	18-36	L	39.2	37.3	23.5	.28	.28	1.50
								H3	36-39	C	23.9	29.6	46.5	.28	.28	0.50
								H4	39-60	UWB	--	--	--	--	--	---
WdA																
Waukegan	100	2s	1.0	200	b	4	48	H1	0-14	L	41.6	37.4	21.0	.24	.24	4.00
								H2	14-38	L	39.8	37.7	22.5	.28	.28	1.50
								H3	38-60	GR-S	93.6	1.4	5.0	.17	.10	0.25
WdB																
Waukegan	100	2e	4.0	200	b	4	48	H1	0-14	L	41.6	37.4	21.0	.24	.24	3.50
								H2	14-38	L	39.8	37.7	22.5	.28	.28	1.50
								H3	38-60	GR-S	93.6	1.4	5.0	.17	.10	0.25
WgA																
Waukegan	100	2s	1.0	200	b	4	48	H1	0-14	L	41.6	37.4	21.0	.24	.24	4.00
								H2	14-33	L	44.3	40.7	15.0	.37	.24	1.50
								H3	33-60	GR-S	93.6	1.4	5.0	.20	.10	0.25

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
WgB																
Waukegan	100	2e	4.0	200	b	4	48	H1	0-14	L	41.6	37.4	21.0	.24	.24	3.50
								H2	14-33	L	44.3	40.7	15.0	.37	.24	1.50
								H3	33-60	GR-S	93.6	1.4	5.0	.20	.10	0.25
WhB																
Whalan	100	2e	4.0	298	b	4	48	H1	0-7	L	41.4	37.1	21.5	.32	.32	2.50
								H2	7-15	CL	34.4	37.6	28.0	.32	.32	0.75
								H3	15-28	C	23.3	29.2	47.5	.32	.32	0.25
								H4	28-60	UWB	--	--	--	--	--	---
WhC2																
Whalan	100	3e	7.0	200	b	4	48	H1	0-7	L	41.4	37.1	21.5	.32	.32	2.50
								H2	7-15	CL	34.4	37.6	28.0	.32	.32	0.75
								H3	15-28	C	23.3	29.2	47.5	.32	.32	0.25
								H4	28-60	UWB	--	--	--	--	--	---
WhD2																
Whalan	100	4e	12.0	200	b	4	48	H1	0-7	L	41.4	37.1	21.5	.32	.32	2.50
								H2	7-15	CL	34.4	37.6	28.0	.32	.32	0.75
								H3	15-28	C	23.3	29.2	47.5	.32	.32	0.25
								H4	28-60	UWB	--	--	--	--	--	---
WhE2																
Whalan	100	6e	19.0	200	b	4	48	H1	0-7	L	41.4	37.1	21.5	.32	.32	2.50
								H2	7-15	CL	34.4	37.6	28.0	.32	.32	0.75
								H3	15-28	C	23.3	29.2	47.5	.32	.32	0.25
								H4	28-60	UWB	--	--	--	--	--	---
WhE3																
Whalan	100	6e	16.0	200	b	4	48	H1	0-7	L	41.4	37.1	21.5	.32	.32	2.50
								H2	7-15	CL	34.4	37.6	28.0	.32	.32	0.75
								H3	15-28	C	23.3	29.2	47.5	.32	.32	0.25
								H4	28-60	UWB	--	--	--	--	--	---
WkA																
Winneshiek	100	2s	1.0	200	b	3	48	H1	0-11	L	41.6	37.4	21.0	.24	.24	3.50
								H2	11-21	L	39.1	36.9	24.0	.28	.28	0.50
								H3	21-24	C	23.3	29.2	47.5	.32	.32	0.50
								H4	24-60	UWB	--	--	--	--	--	---
WkB																
Winneshiek	100	2e	4.0	298	b	3	48	H1	0-11	L	41.6	37.4	21.0	.24	.24	3.00
								H2	11-21	L	39.1	36.9	24.0	.28	.28	0.50
								H3	21-24	C	23.3	29.2	47.5	.32	.32	0.50
								H4	24-60	UWB	--	--	--	--	--	---

Winneshiek County, Iowa

Mapunit	Comp %	Cap Cl	Slope RV%	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	Kf	Kw	OM RV %
WkC																
Winneshiek	100	3e	7.0	200	b	3	48	H1	0-11	L	41.6	37.4	21.0	.24	.24	3.00
								H2	11-21	L	39.1	36.9	24.0	.28	.28	0.50
								H3	21-24	C	23.3	29.2	47.5	.32	.32	0.50
								H4	24-60	UWB	--	--	--	--	--	---
WkC2																
Winneshiek	100	3e	7.0	200	b	3	48	H1	0-11	L	41.6	37.4	21.0	.28	.28	2.50
								H2	11-21	L	39.1	36.9	24.0	.28	.28	0.75
								H3	21-24	C	23.3	29.2	47.5	.28	.28	0.25
								H4	24-60	UWB	--	--	--	--	--	---
WkD																
Winneshiek	100	4e	12.0	200	b	3	48	H1	0-11	L	41.6	37.4	21.0	.24	.24	3.00
								H2	11-21	L	39.1	36.9	24.0	.28	.28	0.50
								H3	21-24	C	23.3	29.2	47.5	.32	.32	0.50
								H4	24-60	UWB	--	--	--	--	--	---
WkE																
Winneshiek	100	6e	16.0	200	b	3	48	H1	0-11	L	41.6	37.4	21.0	.24	.24	3.00
								H2	11-21	L	39.1	36.9	24.0	.28	.28	0.50
								H3	21-24	C	23.3	29.2	47.5	.32	.32	0.50
								H4	24-60	UWB	--	--	--	--	--	---