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 %
Au																
Alluvial Land	95	5w	1.0	200	b	5	134	H1	0-9	LS	84.9	9.1	6.0	.17	.17	1.50
								H2	9-60	S	92.1	1.9	6.0	.15	.15	0.25
Av																
Alluvial Land	95	5w	1.0	200	b	5	134	H1	0-9	LS	84.9	9.1	6.0	.17	.17	2.70
								H2	9-60	S	92.1	1.9	6.0	.15	.15	0.25
AwD																
Arbor	100	3e	12.0	151	b	5	48	H1	0-14	L	38.0	36.0	26.0	.28	.28	3.50
								H2	14-23	CL	34.7	32.8	32.5	.28	.28	1.25
								H3	23-60	CL	35.4	33.6	31.0	.37	.37	0.25
Br																
Bremer	100	2w	1.0	249	c	5	38	H1	0-19	SICL	20.0	48.5	31.5	.32	.32	6.00
								H2	19-42	SICL	7.4	54.1	38.5	.43	.43	1.50
								H3	42-60	SICL	17.3	47.7	35.0	.43	.43	0.75
CbD2																
Caleb	100	4e	12.0	151	b	5	48	H1	0-15	L	38.8	36.7	24.5	.28	.28	2.50
								H2	15-38	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	38-60	SL	67.2	15.3	17.5	.32	.32	0.25
CeD2																
Caleb	50	4e	12.0	151	b	5	48	H1	0-15	L	38.8	36.7	24.5	.28	.28	2.50
								H2	15-38	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	38-60	SL	67.2	15.3	17.5	.32	.32	0.25
Mystic	30	4e	12.0	151	c	3	48	H1	0-8	L	38.1	36.4	25.5	.37	.37	2.50
								H2	8-13	SIC	8.0	52.0	40.0	.37	.37	0.25
								H3	13-46	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	46-60	CL	38.2	33.8	28.0	.24	.24	0.25
CeE2																
Caleb	50	6e	16.0	102	b	5	48	H1	0-15	L	38.8	36.7	24.5	.28	.28	2.50
								H2	15-38	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	38-60	SL	67.2	15.3	17.5	.32	.32	0.25
Mystic	30	6e	16.0	102	c	3	48	H1	0-8	L	38.1	36.4	25.5	.37	.37	2.50
								H2	8-13	SIC	8.0	52.0	40.0	.37	.37	0.25
								H3	13-46	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	46-60	SR- SL C	38.2	41.8	20.0	.24	.24	0.25
ClD2																
Clanton	100	6e	12.0	151	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	11-38	SIC	7.7	49.3	43.0	.37	.37	0.25
								H3	38-60	SIC	6.8	50.7	42.5	.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 %
ClF2																
Clanton	100	7e	20.0	102	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	11-38	SIC	7.7	49.3	43.0	.37	.37	0.25
								H3	38-60	SIC	6.8	50.7	42.5	.37	.37	0.25
CmD2																
Clanton	50	6e	12.0	151	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	11-38	SIC	7.7	49.3	43.0	.37	.37	0.25
								H3	38-60	SIC	6.8	50.7	42.5	.37	.37	0.25
Gosport	30	6e	12.0	151	c	3	48	H1	0-13	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	13-36	C	6.2	45.8	48.0	.32	.32	0.25
								H3	36-60	WB	--	--	--	--	--	---
CmE2																
Clanton	50	7e	16.0	102	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	11-38	SIC	7.7	49.3	43.0	.37	.37	0.25
								H3	38-60	SIC	6.8	50.7	42.5	.37	.37	0.25
Gosport	30	7e	16.0	102	c	3	48	H1	0-13	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	13-36	C	6.2	45.8	48.0	.32	.32	0.25
								H3	36-60	WB	--	--	--	--	--	---
CmF2																
Clanton	50	7e	22.0	102	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	11-38	SIC	7.7	49.3	43.0	.37	.37	0.25
								H3	38-60	SIC	6.8	50.7	42.5	.37	.37	0.25
Gosport	30	7e	22.0	102	c	3	48	H1	0-13	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	13-36	C	6.2	45.8	48.0	.32	.32	0.25
								H3	36-60	WB	--	--	--	--	--	---
CmG2																
Clanton	50	7e	30.0	102	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	11-38	SIC	7.7	49.3	43.0	.37	.37	0.25
								H3	38-60	SIC	6.8	50.7	42.5	.37	.37	0.25
Gosport	30	7e	33.0	102	c	3	48	H1	0-13	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	13-36	C	6.2	45.8	48.0	.32	.32	0.25
								H3	36-60	WB	--	--	--	--	--	---
CnC																
Clarinda	100	4w	7.0	200	d	3	38	H1	0-16	SICL	19.7	47.8	32.5	.37	.37	3.50
								H2	16-36	SIC	5.3	44.7	50.0	.37	.37	0.75
								H3	36-60	C	22.1	27.9	50.0	.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 %
CnC2																
Clarinda	100	4w	7.0	200	d	3	38	H1	0-16	SICL	19.7	47.8	32.5	.37	.37	2.70
								H2	16-36	SIC	5.3	44.7	50.0	.37	.37	0.75
								H3	36-60	C	22.1	27.9	50.0	.37	.37	0.25
CoC																
Clearfield	100	3w	7.0	200	c	4	86	H1	0-16	SICL	17.3	47.7	35.0	.32	.32	3.50
								H2	16-36	SICL	7.7	56.3	36.0	.43	.43	0.75
								H3	36-60	SIC	7.2	47.8	45.0	.43	.43	0.25
CoC2																
Clearfield	100	3w	7.0	200	c	4	86	H1	0-16	SICL	17.3	47.7	35.0	.37	.37	2.50
								H2	16-36	SICL	7.7	56.3	36.0	.43	.43	0.75
								H3	36-60	SIC	7.2	47.8	45.0	.43	.43	0.25
CsB																
Clinton	100	2e	4.0	249	b	5	48	H1	0-9	SIL	26.3	52.7	21.0	.37	.37	2.50
								H2	9-33	SIC	11.1	48.9	40.0	.37	.37	0.50
								H3	33-60	SICL	18.2	52.3	29.5	.37	.37	0.25
CsC																
Clinton	100	3e	7.0	200	b	5	48	H1	0-9	SIL	26.3	52.7	21.0	.37	.37	2.50
								H2	9-33	SICL	11.1	49.9	39.0	.37	.37	0.50
								H3	33-60	SICL	18.2	52.3	29.5	.37	.37	0.25
CsC2																
Clinton	100	3e	7.0	200	b	5	48	H1	0-9	SIL	26.3	52.7	21.0	.37	.37	2.00
								H2	9-33	SICL	11.1	49.9	39.0	.37	.37	0.25
								H3	33-60	SICL	18.2	52.3	29.5	.37	.37	0.25
CsD2																
Clinton	100	3e	12.0	151	b	5	48	H1	0-9	SIL	26.3	52.7	21.0	.37	.37	2.00
								H2	9-33	SICL	11.1	49.9	39.0	.37	.37	0.25
								H3	33-60	SICL	18.2	52.3	29.5	.37	.37	0.25
CtB																
Clinton	100	2e	4.0	249	b	5	48	H1	0-9	SIL	26.3	52.7	21.0	.37	.37	2.50
								H2	9-33	SICL	11.1	49.9	39.0	.37	.37	0.50
								H3	33-60	SICL	18.2	52.3	29.5	.37	.37	0.25
Cu																
Colo	100	2w	1.0	249	b/d	5	38	H1	0-25	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	25-39	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	39-60	SICL	6.9	63.1	30.0	.32	.32	1.50

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 %
Cv																
Colo	95	3w	1.0	249	b/d	5	38	H1	0-25	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	25-39	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	39-60	SICL	6.9	63.1	30.0	.32	.32	1.50
CwB																
Colo	60	2w	3.0	249	b/d	5	38	H1	0-25	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	25-39	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	39-60	SICL	6.9	63.1	30.0	.32	.32	1.50
Ely	30	2e	4.0	249	b	5	38	H1	0-18	SICL	7.1	64.4	28.5	.28	.28	5.00
								H2	18-39	SICL	6.8	61.7	31.5	.43	.43	2.00
								H3	39-60	SICL	7.1	64.9	28.0	.43	.43	0.75
CyB																
Colo	50	5w	4.0	249	b	5	38	H1	0-25	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	25-39	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	39-60	SICL	6.9	63.1	30.0	.32	.32	1.50
Ely	30	5w	4.0	249	b	5	38	H1	0-18	SICL	7.1	64.4	28.5	.28	.28	5.00
								H2	18-39	SICL	6.8	61.7	31.5	.43	.43	2.00
								H3	39-60	SICL	7.1	64.9	28.0	.43	.43	0.75
DbD2																
Dunbarton Variant	100	3e	12.0	151	b	3	56	H1	0-11	SIL	11.6	68.9	19.5	.37	.37	2.00
								H2	11-15	SICL	7.1	65.4	27.5	.37	.37	1.00
								H3	15-30	C	12.1	27.9	60.0	.32	.37	0.25
								H4	30-60	WB	--	--	--	--	--	---
ElB																
Ely	95	2e	4.0	249	b	5	38	H1	0-18	SICL	7.1	64.4	28.5	.28	.28	5.50
								H2	18-39	SICL	6.8	61.7	31.5	.43	.43	2.00
								H3	39-60	SICL	7.1	64.9	28.0	.43	.43	0.75
Fg																
Flaggy Alluvial Land	95	5w	1.0	200	b/d	5	0	H1	0-9	LS	84.9	9.1	6.0	.17	.17	2.50
								H2	9-60	S	92.1	1.9	6.0	.15	.15	0.25
GaC2																
Gara	100	3e	7.0	200	c	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	11-38	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	38-60	CL	35.4	33.6	31.0	.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 %
GaD2																
Gara	100	4e	12.0	151	c	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	11-38	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	38-60	CL	35.4	33.6	31.0	.37	.37	0.25
GaE																
Gara	100	6e	16.0	102	c	5	48	H1	0-11	L	39.8	37.7	22.5	.28	.28	3.00
								H2	11-38	CL	35.3	33.2	31.5	.32	.32	0.50
								H3	38-60	CL	35.4	33.6	31.0	.37	.37	0.25
GaE2																
Gara	100	6e	16.0	102	c	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	11-38	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	38-60	CL	35.4	33.6	31.0	.37	.37	0.25
GaF2																
Gara	100	7e	22.0	102	c	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	11-38	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	38-60	CL	35.4	33.6	31.0	.37	.37	0.25
GaG																
Gara	100	7e	33.0	102	c	5	48	H1	0-11	L	39.8	37.7	22.5	.28	.28	3.00
								H2	11-38	CL	35.3	33.2	31.5	.32	.32	0.50
								H3	38-60	CL	35.4	33.6	31.0	.37	.37	0.25
Gn																
Givin	95	1	1.0	249	c	5	48	H1	0-8	SIL	26.0	52.0	22.0	.32	.32	3.50
								H2	8-34	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	34-60	SICL	17.3	52.2	30.5	.43	.43	0.25
Go																
Givin	95	1	1.0	249	c	5	48	H1	0-8	SIL	26.0	52.0	22.0	.32	.32	3.50
								H2	8-34	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	34-60	SICL	17.3	52.2	30.5	.43	.43	0.25
GpE																
Gosport	100	7e	16.0	102	c	3	48	H1	0-13	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	13-36	C	6.2	45.8	48.0	.32	.32	0.25
								H3	36-60	WB	--	--	--	--	--	---
GpF																
Gosport	100	7e	22.0	102	c	3	48	H1	0-13	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	13-36	C	6.2	45.8	48.0	.32	.32	0.25
								H3	36-60	WB	--	--	--	--	--	---

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 %
HxG																
Hixton	100	7e	30.0	102	b	3	86	H1	0-8	FSL	63.5	26.5	10.0	.24	.24	1.00
								H2	8-19	SL	63.1	14.4	22.5	.32	.32	0.25
								H3	19-33	SL	65.1	30.9	4.0	.15	.15	0.25
								H4	33-60	WB	--	--	--	--	--	---
JuB																
Judson	100	2e	4.0	249	b	5	38	H1	0-28	SICL	7.0	63.5	29.5	.28	.28	3.50
								H2	28-35	SICL	6.7	60.8	32.5	.43	.43	2.50
								H3	35-60	SICL	7.1	64.4	28.5	.43	.43	0.50
Ke																
Kennebec	95	1	1.0	249	b	5	48	H1	0-40	SIL	9.2	66.3	24.5	.28	.28	5.00
								H2	40-60	SIL	9.1	64.9	26.0	.43	.43	1.50
KkD2																
Keswick	100	4e	12.0	151	c	3	48	H1	0-9	L	38.8	36.7	24.5	.37	.37	2.00
								H2	9-37	C	23.3	29.2	47.5	.37	.37	0.25
								H3	37-60	CL	33.3	31.7	35.0	.37	.37	0.25
LaB																
Ladoga	100	2e	4.0	249	b	5	48	H1	0-10	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	10-35	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	35-60	SICL	19.9	52.1	28.0	.43	.43	0.25
LaB2																
Ladoga	100	2e	4.0	249	b	5	48	H1	0-10	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	10-35	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	35-60	SICL	19.9	52.1	28.0	.43	.43	0.25
LaC																
Ladoga	100	3e	7.0	200	b	5	48	H1	0-10	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	10-35	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	35-60	SICL	19.9	52.1	28.0	.43	.43	0.25
LaC2																
Ladoga	100	3e	7.0	200	b	5	48	H1	0-10	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	10-35	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	35-60	SICL	19.9	52.1	28.0	.43	.43	0.25
LaD																
Ladoga	100	3e	12.0	151	b	5	48	H1	0-10	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	10-35	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	35-60	SICL	19.9	52.1	28.0	.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 %
LaD2																
Ladoga	100	3e	12.0	151	b	5	48	H1	0-10	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	10-35	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	35-60	SICL	19.9	52.1	28.0	.43	.43	0.25
LaE2																
Ladoga	100	4e	16.0	102	b	5	48	H1	0-10	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	10-35	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	35-60	SICL	19.9	52.1	28.0	.43	.43	0.25
LbB																
Ladoga	100	2e	4.0	249	b	5	48	H1	0-10	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	10-35	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	35-60	SICL	19.9	52.1	28.0	.43	.43	0.25
LcC																
Lamoni	100	3e	7.0	200	c	3	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	3.50
								H2	11-50	C	26.9	29.1	44.0	.37	.37	0.25
								H3	50-60	CL	30.9	33.1	36.0	.37	.37	0.25
LcC2																
Lamoni	100	3e	7.0	200	c	3	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	2.70
								H2	11-50	C	26.9	29.1	44.0	.37	.37	1.25
								H3	50-60	CL	30.9	33.1	36.0	.37	.37	0.25
LcD																
Lamoni	100	4e	12.0	151	c	3	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	3.50
								H2	11-50	C	26.9	29.1	44.0	.37	.37	0.25
								H3	50-60	CL	30.9	33.1	36.0	.37	.37	0.25
LcD2																
Lamoni	100	4e	12.0	151	c	3	38	H1	0-8	CL	34.2	32.3	33.5	.37	.37	2.70
								H2	8-55	C	26.9	29.1	44.0	.37	.37	1.25
								H3	55-60	CL	30.9	33.1	36.0	.37	.37	0.25
LcD3																
Lamoni	100	6e	12.0	151	c	2	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	2.20
								H2	11-50	C	26.9	29.1	44.0	.37	.37	0.25
								H3	50-60	CL	30.9	33.1	36.0	.37	.37	0.25
LdD2																
Lindley	100	4e	12.0	151	c	5	48	H1	0-9	L	39.8	37.7	22.5	.32	.32	2.00
								H2	9-34	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	34-60	CL	34.4	37.6	28.0	.32	.32	0.30

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 %
LdE2																
Lindley	100	6e	16.0	102	c	5	48	H1	0-9	L	39.8	37.7	22.5	.32	.32	2.00
								H2	9-34	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	34-60	CL	34.4	37.6	28.0	.32	.32	0.30
LdF																
Lindley	100	7e	22.0	102	c	5	48	H1	0-9	L	39.8	37.7	22.5	.32	.32	2.50
								H2	9-34	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	34-60	CL	34.4	37.6	28.0	.32	.32	0.30
LdG																
Lindley	100	7e	33.0	102	c	5	48	H1	0-9	L	39.8	37.7	22.5	.32	.32	2.50
								H2	9-34	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	34-60	CL	34.4	37.6	28.0	.32	.32	0.30
LeE3																
Lindley	100	7e	16.0	102	c	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	1.20
								H2	11-50	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	50-60	CL	34.4	37.6	28.0	.32	.32	0.30
MbA																
Macksburg	95	1	1.0	249	b	5	38	H1	0-18	SICL	17.3	52.2	30.5	.32	.32	5.00
								H2	18-30	SICL	7.4	53.6	39.0	.43	.43	2.50
								H3	30-42	SICL	18.1	47.9	34.0	.43	.43	1.50
								H4	42-60	SICL	19.3	52.2	28.5	.43	.43	0.50
MbB																
Macksburg	95	2e	4.0	249	b	5	38	H1	0-18	SICL	17.3	52.2	30.5	.32	.32	5.00
								H2	18-30	SICL	7.4	53.6	39.0	.43	.43	2.50
								H3	30-42	SICL	18.1	47.9	34.0	.43	.43	1.50
								H4	42-60	SICL	19.3	52.2	28.5	.43	.43	0.50
MgB																
Martinsburg	100	2e	4.0	249	b	5	48	H1	0-23	SIL	11.3	67.7	21.0	.37	.37	2.50
								H2	23-60	SICL	6.9	62.1	31.0	.37	.37	0.50
MtD2																
Mystic	100	4e	12.0	151	c	3	48	H1	0-8	L	38.1	36.4	25.5	.37	.37	2.50
								H2	8-13	C	30.0	30.0	40.0	.37	.37	0.25
								H3	13-46	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	46-60	SR- SL C	38.2	41.8	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 %
MyD2																
Mystic	50	4e	12.0	151	c	3	48	H1	0-8	L	38.1	36.4	25.5	.37	.37	2.50
								H2	8-13	C	30.0	30.0	40.0	.37	.37	0.25
								H3	13-46	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	46-60	SR- SL C	38.2	41.8	20.0	.24	.24	0.25
Clanton	30	6e	12.0	151	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	11-38	SIC	7.7	49.3	43.0	.37	.37	0.25
								H3	38-60	SIC	6.8	50.7	42.5	.37	.37	0.25
MyE2																
Mystic	50	6e	16.0	102	c	3	48	H1	0-8	L	38.1	36.4	25.5	.37	.37	2.50
								H2	8-13	C	30.0	30.0	40.0	.37	.37	0.25
								H3	13-46	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	46-60	SR- SL C	38.2	41.8	20.0	.24	.24	0.25
Clanton	30	7e	16.0	102	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	11-38	SIC	7.7	49.3	43.0	.37	.37	0.25
								H3	38-60	SIC	6.8	50.7	42.5	.37	.37	0.25
NeA																
Nevin	95	1	1.0	249	b	5	38	H1	0-17	SICL	7.1	64.9	28.0	.28	.28	5.00
								H2	17-50	SICL	6.7	60.8	32.5	.43	.43	1.50
								H3	50-60	SICL	6.9	62.6	30.5	.43	.43	0.25
NeB																
Nevin	95	2e	4.0	249	b	5	38	H1	0-17	SICL	7.1	64.9	28.0	.28	.28	5.00
								H2	17-50	SICL	6.7	60.8	32.5	.43	.43	1.50
								H3	50-60	SICL	6.9	62.6	30.5	.43	.43	0.25
NlC2																
Nira	100	3e	7.0	200	b	5	38	H1	0-12	SICL	6.9	62.1	31.0	.32	.32	2.70
								H2	12-36	SICL	6.6	59.4	34.0	.43	.43	0.50
								H3	36-60	SICL	7.0	64.0	29.0	.43	.43	0.25
NM																
Nodaway	95	2w	1.0	249	b	5	48	H1	0-6	SIL	9.5	68.0	22.5	.32	.32	2.00
								H2	6-60	SIL	9.5	67.5	23.0	.43	.43	0.25
Nn																
Nodaway	90	5w	1.0	249	b	5	48	H1	0-6	SIL	9.5	68.0	22.5	.32	.32	2.00
								H2	6-60	SIL	9.5	67.5	23.0	.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 %
NoB																
Nodaway	50	5w	2.0	249	b	5	48	H1	0-6	SIL	9.5	68.0	22.5	.32	.32	1.50
								H2	6-60	SIL	9.5	67.5	23.0	.43	.43	0.25
Martinsburg	30	2e	4.0	249	b	5	48	H1	0-23	SIL	11.3	67.7	21.0	.37	.37	1.50
								H2	23-60	SICL	6.9	62.1	31.0	.37	.37	0.50
NrE																
Nordness	100	7s	20.0	102	b	1	48	H1	0-4	L	41.6	37.4	21.0	.32	.32	2.50
								H2	4-12	SIL	20.1	54.4	25.5	.32	.32	0.75
								H3	12-60	UWB	--	--	--	--	--	0.00
OmB																
Olmitz	100	2e	4.0	249	b	5	48	H1	0-7	L	38.1	36.4	25.5	.24	.24	3.50
								H2	7-30	L	37.4	35.6	27.0	.28	.28	2.50
								H3	30-60	CL	33.2	36.3	30.5	.28	.28	1.50
OmC																
Olmitz	100	3e	7.0	200	b	5	48	H1	0-7	L	38.1	36.4	25.5	.24	.24	3.50
								H2	7-30	L	37.4	35.6	27.0	.28	.28	2.50
								H3	30-60	CL	33.2	36.3	30.5	.28	.28	1.50
SbA																
Sharpsburg	100	1	1.0	249	b	5	38	H1	0-15	SICL	20.0	48.5	31.5	.32	.32	4.00
								H2	15-29	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	29-36	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	36-60	SICL	19.3	52.2	28.5	.43	.43	0.50
SbB																
Sharpsburg	100	2e	4.0	249	b	5	38	H1	0-15	SICL	20.0	48.5	31.5	.32	.32	3.50
								H2	15-29	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	29-36	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	36-60	SICL	19.3	52.2	28.5	.43	.43	0.50
SbB2																
Sharpsburg	100	2e	4.0	249	b	5	38	H1	0-7	SICL	20.0	48.5	31.5	.32	.32	3.20
								H2	7-29	SICL	20.0	48.5	31.5	.43	.43	1.50
								H3	29-36	SICL	7.4	53.6	39.0	.43	.43	1.00
								H4	36-60	SICL	18.1	47.9	34.0	.43	.43	0.75
SbC																
Sharpsburg	100	3e	7.0	200	b	5	38	H1	0-15	SICL	20.0	48.5	31.5	.32	.32	3.50
								H2	15-29	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	29-36	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	36-60	SICL	19.3	52.2	28.5	.43	.43	0.50

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 %
SbC2																
Sharpsburg	100	3e	7.0	200	b	5	38	H1	0-7	SICL	20.0	48.5	31.5	.32	.32	3.20
								H2	7-29	SICL	20.0	48.5	31.5	.43	.43	1.50
								H3	29-36	SICL	7.4	53.6	39.0	.43	.43	1.00
								H4	36-60	SICL	18.1	47.9	34.0	.43	.43	0.75
SbD2																
Sharpsburg	100	3e	12.0	151	b	5	38	H1	0-7	SICL	20.0	48.5	31.5	.32	.32	3.20
								H2	7-29	SICL	20.0	48.5	31.5	.43	.43	1.50
								H3	29-36	SICL	7.4	53.6	39.0	.43	.43	1.00
								H4	36-60	SICL	18.1	47.9	34.0	.43	.43	0.75
ScA																
Sharpsburg	100	1	1.0	249	b	5	38	H1	0-15	SICL	20.0	48.5	31.5	.32	.32	4.00
								H2	15-29	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	29-36	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	36-60	SICL	19.3	52.2	28.5	.43	.43	0.50
ScB																
Sharpsburg	100	2e	4.0	249	b	5	38	H1	0-15	SICL	20.0	48.5	31.5	.32	.32	3.50
								H2	15-29	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	29-36	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	36-60	SICL	19.3	52.2	28.5	.43	.43	0.50
ShD2																
Shelby	100	3e	12.0	151	b	5	48	H1	0-7	CL	35.4	33.6	31.0	.32	.32	2.70
								H2	7-11	CL	34.7	32.8	32.5	.28	.28	1.50
								H3	11-45	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	45-60	CL	34.7	32.8	32.5	.37	.37	0.25
ShE																
Shelby	100	4e	16.0	102	b	5	48	H1	0-11	L	38.1	36.4	25.5	.28	.28	3.50
								H2	11-45	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	45-60	CL	34.7	32.8	32.5	.37	.37	0.50
ShE2																
Shelby	100	4e	16.0	102	b	5	48	H1	0-7	CL	35.4	33.6	31.0	.32	.32	2.70
								H2	7-11	CL	34.7	32.8	32.5	.28	.28	1.50
								H3	11-45	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	45-60	CL	34.7	32.8	32.5	.37	.37	0.25
ShF2																
Shelby	100	6e	22.0	102	b	5	48	H1	0-7	CL	35.4	33.6	31.0	.32	.32	2.70
								H2	7-11	CL	34.7	32.8	32.5	.28	.28	1.50
								H3	11-45	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	45-60	CL	34.7	32.8	32.5	.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 %
SkE3																
Shelby	100	6e	16.0	102	b	4	48	H1	0-11	CL	35.4	33.6	31.0	.37	.37	1.70
								H2	11-45	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	45-60	CL	34.7	32.8	32.5	.37	.37	0.50
SlC2																
Shelby	50	3e	7.0	200	b	5	48	H1	0-7	CL	35.4	33.6	31.0	.32	.32	2.70
								H2	7-11	CL	34.7	32.8	32.5	.28	.28	1.50
								H3	11-45	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	45-60	CL	34.7	32.8	32.5	.37	.37	0.25
Lamoni	30	3e	7.0	200	c	3	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	2.70
								H2	11-50	C	26.9	29.1	44.0	.37	.37	1.25
								H3	50-60	CL	30.9	33.1	36.0	.37	.37	0.25
SlD																
Shelby	50	3e	12.0	151	b	5	48	H1	0-11	L	38.1	36.4	25.5	.28	.28	3.50
								H2	11-45	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	45-60	CL	34.7	32.8	32.5	.37	.37	0.50
Lamoni	30	4e	12.0	151	c	3	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	3.50
								H2	11-50	C	26.9	29.1	44.0	.37	.37	0.25
								H3	50-60	CL	30.9	33.1	36.0	.37	.37	0.25
SlD2																
Shelby	50	3e	12.0	151	b	5	48	H1	0-7	CL	35.4	33.6	31.0	.32	.32	2.70
								H2	7-11	CL	34.7	32.8	32.5	.28	.28	1.50
								H3	11-45	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	45-60	CL	34.7	32.8	32.5	.37	.37	0.25
Lamoni	30	4e	12.0	151	c	3	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	2.70
								H2	11-50	C	26.9	29.1	44.0	.37	.37	1.25
								H3	50-60	CL	30.9	33.1	36.0	.37	.37	0.25
SlD3																
Shelby	50	4e	12.0	151	b	4	48	H1	0-11	CL	35.4	33.6	31.0	.37	.37	2.00
								H2	11-45	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	45-60	CL	34.7	32.8	32.5	.37	.37	0.50
Lamoni	30	6e	12.0	151	c	2	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	2.00
								H2	11-50	C	26.9	29.1	44.0	.37	.37	0.25
								H3	50-60	CL	30.9	33.1	36.0	.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 %
SlE2																
Shelby	50	4e	16.0	102	b	5	48	H1	0-7	CL	35.4	33.6	31.0	.32	.32	2.70
								H2	7-11	CL	34.7	32.8	32.5	.28	.28	1.50
								H3	11-45	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	45-60	CL	34.7	32.8	32.5	.37	.37	0.25
Lamoni	30	6e	16.0	102	c	3	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	2.70
								H2	11-50	C	26.9	29.1	44.0	.37	.37	1.25
								H3	50-60	CL	30.9	33.1	36.0	.37	.37	0.25
SlE3																
Shelby	50	6e	16.0	102	b	4	48	H1	0-11	CL	35.4	33.6	31.0	.37	.37	2.00
								H2	11-45	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	45-60	CL	34.7	32.8	32.5	.37	.37	0.50
Lamoni	30	6e	16.0	102	c	2	38	H1	0-11	CL	34.2	32.3	33.5	.37	.37	2.00
								H2	11-50	C	26.9	29.1	44.0	.37	.37	0.25
								H3	50-60	CL	30.9	33.1	36.0	.37	.37	0.25
Sp																
Sperry	100	3w	0.5	249	c/d	3	48	H1	0-10	SIL	26.5	53.5	20.0	.37	.37	3.50
								H2	10-15	SIL	26.5	53.5	20.0	.43	.43	0.75
								H3	15-40	SIC	7.9	50.6	41.5	.43	.43	1.25
								H4	40-60	SICL	17.8	52.2	30.0	.43	.43	0.50
Sr																
Spillville	95	2w	1.0	249	b	5	48	H1	0-53	L	41.1	36.9	22.0	.24	.24	4.50
								H2	53-60	SL	66.0	15.0	19.0	.28	.28	2.50
Ss																
Spillville	95	4s	1.0	249	b	5	48	H1	0-32	L	41.1	36.9	22.0	.24	.24	4.50
								H2	32-60	SL	66.8	15.2	18.0	.28	.28	1.50
VeA																
Vesser	100	2w	1.0	249	c	5	48	H1	0-13	SIL	9.5	67.5	23.0	.28	.28	3.50
								H2	13-27	SIL	11.4	68.6	20.0	.43	.43	1.50
								H3	27-60	SICL	6.7	60.8	32.5	.43	.43	0.50
VeB																
Vesser	100	2w	4.0	249	c	5	48	H1	0-13	SIL	9.5	67.5	23.0	.28	.28	3.00
								H2	13-27	SIL	11.4	68.6	20.0	.43	.43	1.50
								H3	27-60	SICL	6.7	60.8	32.5	.43	.43	0.50
Wa																
Wabash	100	3w	1.0	249	d	5	86	H1	0-12	SIC	7.7	49.3	43.0	.28	.28	5.00
								H2	12-60	SIC	5.3	44.7	50.0	.28	.28	1.50

Madison 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 %
Wb																
Wabash	100	3w	1.0	249	d	5	38	H1	0-12	SICL	20.0	49.0	31.0	.28	.28	5.00
								H2	12-60	SIC	5.3	44.7	50.0	.28	.28	1.50
Wc																
Winterset	100	2w	1.0	249	c	5	38	H1	0-19	SICL	20.0	49.0	31.0	.32	.32	5.50
								H2	19-39	SIC	8.0	52.0	40.0	.43	.43	3.50
								H3	39-60	SICL	18.7	47.8	33.5	.43	.43	0.50
WoA																
Wiota	100	1	1.0	249	b	5	48	H1	0-18	SIL	9.4	67.1	23.5	.28	.28	4.00
								H2	18-37	SICL	6.7	60.3	33.0	.43	.43	2.50
								H3	37-60	SICL	7.0	63.5	29.5	.43	.43	0.50
WoB																
Wiota	100	2e	4.0	249	b	5	48	H1	0-18	SIL	9.4	67.1	23.5	.28	.28	3.50
								H2	18-37	SICL	6.7	60.3	33.0	.43	.43	2.50
								H3	37-60	SICL	7.0	63.5	29.5	.43	.43	0.50
ZoA																
Zook	100	2w	1.0	249	c/d	5	38	H1	0-18	SICL	7.6	54.9	37.5	.37	.37	6.00
								H2	18-38	SIC	7.1	52.4	40.5	.28	.28	3.00
								H3	38-60	SICL	19.7	47.8	32.5	.28	.28	0.50
ZoB																
Zook	100	2w	4.0	249	c/d	5	38	H1	0-18	SICL	7.6	54.9	37.5	.37	.37	6.00
								H2	18-60	SIC	7.1	52.4	40.5	.28	.28	3.50