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 %
7																
Wiota	95	1	1.0	249	b	5	48	H1	0-22	SIL	9.4	67.1	23.5	.28	.28	4.00
								H2	22-38	SICL	6.7	60.3	33.0	.43	.43	2.50
								H3	38-60	SICL	7.0	63.5	29.5	.43	.43	0.50
7B																
Wiota	95	2e	4.0	200	b	5	48	H1	0-22	SIL	9.4	67.1	23.5	.28	.28	3.50
								H2	22-38	SICL	6.7	60.3	33.0	.43	.43	2.50
								H3	38-60	SICL	7.0	63.5	29.5	.43	.43	0.50
8B																
Judson	95	2e	4.0	200	b	5	38	H1	0-27	SICL	7.0	63.5	29.5	.28	.28	3.50
								H2	27-49	SICL	6.7	60.8	32.5	.43	.43	2.50
								H3	49-60	SICL	7.1	64.4	28.5	.43	.43	0.50
11B																
Colo	50	2w	4.0	200	b	5	38	H1	0-25	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	25-40	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	40-60	SICL	6.9	63.1	30.0	.32	.32	1.50
Ely	30	2e	4.0	200	b	5	38	H1	0-22	SICL	7.1	64.4	28.5	.28	.28	5.00
								H2	22-55	SICL	6.8	61.7	31.5	.43	.43	2.00
								H3	55-60	SIL	9.1	65.9	25.0	.43	.43	0.75
23C																
Arispe	90	3e	7.0	151	c	3	38	H1	0-10	SICL	19.2	47.8	33.0	.37	.37	3.50
								H2	10-50	SICL	7.1	52.9	40.0	.43	.43	0.75
								H3	50-60	SICL	18.2	52.3	29.5	.43	.43	0.25
23C2																
Arispe	90	3e	7.0	151	c	3	38	H1	0-8	SICL	19.2	47.8	33.0	.37	.37	2.70
								H2	8-26	SICL	7.1	52.9	40.0	.43	.43	0.75
								H3	26-50	SICL	18.1	47.9	34.0	.43	.43	0.25
								H4	50-60	SICL	18.2	52.3	29.5	.43	.43	0.25
24D2																
Shelby	85	3e	12.0	121	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	11-44	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	44-60	CL	34.7	32.8	32.5	.37	.37	0.25
24E2																
Shelby	85	4e	16.0	121	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	11-44	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	44-60	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 %
24F2																
Shelby	95	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	11-44	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	44-60	CL	34.7	32.8	32.5	.37	.37	0.25
43																
Bremer	95	2w	1.0	249	c	5	38	H1	0-18	SICL	20.0	48.5	31.5	.32	.32	6.00
								H2	18-47	SIC	8.3	53.2	38.5	.43	.43	1.50
								H3	47-60	SICL	17.3	47.7	35.0	.43	.43	0.75
51																
Vesser	95	2w	1.0	249	c	5	48	H1	0-12	SIL	9.5	67.5	23.0	.28	.28	3.50
								H2	12-26	SIL	11.4	68.6	20.0	.43	.43	1.50
								H3	26-60	SICL	6.7	60.8	32.5	.43	.43	0.50
51B																
Vesser	95	2w	4.0	200	c	5	48	H1	0-12	SIL	9.5	67.5	23.0	.28	.28	3.00
								H2	12-26	SIL	11.4	68.6	20.0	.43	.43	1.50
								H3	26-60	SICL	6.7	60.8	32.5	.43	.43	0.50
54																
Zook	85	2w	1.0	249	c/d	5	38	H1	0-36	SICL	7.6	54.9	37.5	.37	.37	6.00
								H2	36-50	SIC	7.9	51.6	40.5	.28	.28	3.00
								H3	50-60	SICL	19.7	47.8	32.5	.28	.28	0.50
63C2																
Chelsea	100	4s	7.0	151	a	5	134	H1	0-5	LFS	87.0	1.5	11.5	.17	.17	0.50
								H2	5-60	LFS	85.9	6.6	7.5	.17	.17	0.25
63D2																
Chelsea	90	6s	14.0	121	a	5	134	H1	0-5	LFS	87.0	1.5	11.5	.17	.17	0.50
								H2	5-60	LFS	85.9	6.6	7.5	.17	.17	0.25
65D																
Lindley	90	4e	12.0	121	c	5	48	H1	0-8	L	39.8	37.7	22.5	.32	.32	2.50
								H2	8-47	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	47-60	CL	34.4	37.6	28.0	.32	.32	0.30
65E																
Lindley	85	6e	16.0	121	c	5	48	H1	0-8	L	39.8	37.7	22.5	.32	.32	2.50
								H2	8-47	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	47-60	CL	34.4	37.6	28.0	.32	.32	0.30
65E3																
Lindley	90	7e	16.0	121	c	5	48	H1	0-6	CL	35.4	33.6	31.0	.32	.32	1.20
								H2	6-40	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	40-60	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 %
65F																
Lindley	100	7e	22.0	102	c	5	48	H1	0-8	L	39.8	37.7	22.5	.32	.32	2.50
								H2	8-47	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	47-60	CL	34.4	37.6	28.0	.32	.32	0.30
65G																
Lindley	100	7e	33.0	102	c	5	48	H1	0-8	L	39.8	37.7	22.5	.32	.32	2.50
								H2	8-47	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	47-60	CL	34.4	37.6	28.0	.32	.32	0.30
69C																
Clearfield	90	3w	7.0	151	c	4	86	H1	0-18	SICL	17.3	47.7	35.0	.32	.32	3.50
								H2	18-41	SICL	7.7	56.3	36.0	.43	.43	0.75
								H3	41-60	SIC	7.2	47.8	45.0	.43	.43	0.25
69C2																
Clearfield	85	3w	7.0	151	c	4	86	H1	0-18	SICL	17.3	47.7	35.0	.37	.37	2.70
								H2	18-41	SICL	7.7	56.3	36.0	.43	.43	0.75
								H3	41-60	SIC	7.2	47.8	45.0	.43	.43	0.25
75																
Givin	95	1	1.0	249	c	5	48	H1	0-11	SIL	26.0	52.0	22.0	.32	.32	3.50
								H2	11-53	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	53-60	SICL	17.3	52.2	30.5	.43	.43	0.25
76B																
Ladoga	95	2e	4.0	200	b	5	48	H1	0-9	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	9-42	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	42-60	SICL	19.9	52.1	28.0	.43	.43	0.25
76C																
Ladoga	95	3e	7.0	151	b	5	48	H1	0-9	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	9-42	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	42-60	SICL	19.9	52.1	28.0	.43	.43	0.25
76C2																
Ladoga	85	3e	7.0	151	b	5	48	H1	0-9	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	9-42	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	42-60	SICL	19.9	52.1	28.0	.43	.43	0.25
76D2																
Ladoga	85	3e	12.0	121	b	5	48	H1	0-9	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	9-42	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	42-60	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 %
80B																
Clinton	95	2e	4.0	200	b	5	48	H1	0-15	SIL	26.3	52.7	21.0	.37	.37	2.50
								H2	15-46	SIC	8.2	52.8	39.0	.37	.37	0.50
								H3	46-60	SICL	18.2	52.3	29.5	.37	.37	0.25
80C2																
Clinton	85	3e	7.0	151	b	5	48	H1	0-15	SIL	26.3	52.7	21.0	.37	.37	2.00
								H2	15-46	SIC	8.2	52.8	39.0	.37	.37	0.25
								H3	46-60	SICL	18.2	52.3	29.5	.37	.37	0.25
80D2																
Clinton	90	3e	12.0	121	b	5	48	H1	0-15	SIL	26.3	52.7	21.0	.37	.37	2.00
								H2	15-46	SIC	8.2	52.8	39.0	.37	.37	0.25
								H3	46-60	SICL	18.2	52.3	29.5	.37	.37	0.25
88																
Nevin	90	1	1.0	249	b	5	38	H1	0-22	SICL	7.1	64.9	28.0	.28	.28	5.00
								H2	22-43	SICL	6.7	60.8	32.5	.43	.43	1.50
								H3	43-60	SICL	6.9	62.6	30.5	.43	.43	0.25
88B																
Nevin	95	2e	4.0	200	b	5	38	H1	0-22	SICL	7.1	64.9	28.0	.28	.28	5.00
								H2	22-43	SICL	6.7	60.8	32.5	.43	.43	1.50
								H3	43-60	SICL	6.9	62.6	30.5	.43	.43	0.25
93D2																
Adair	50	4e	12.0	121	c	3	86	H1	0-7	CL	29.7	31.8	38.5	.32	.32	2.70
								H2	7-42	C	22.7	28.3	49.0	.32	.32	0.75
								H3	42-60	CL	33.9	32.1	34.0	.32	.32	0.25
Shelby	30	3e	12.0	121	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	11-44	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	44-60	CL	34.7	32.8	32.5	.37	.37	0.25
Lamoni	20	4e	12.0	121	c	3	38	H1	0-11	SICL	18.7	47.8	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
93E2																
Adair	50	6e	16.0	121	c	3	86	H1	0-7	CL	29.7	31.8	38.5	.32	.32	2.70
								H2	7-42	C	22.7	28.3	49.0	.32	.32	0.75
								H3	42-60	CL	33.9	32.1	34.0	.32	.32	0.25
Shelby	30	4e	16.0	121	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	11-44	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	44-60	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 %
93E3																
Adair	50	7e	16.0	121	c	2	86	H1	0-6	CL	29.7	31.8	38.5	.37	.37	2.15
								H2	6-40	C	22.7	28.3	49.0	.32	.32	0.25
								H3	40-60	CL	33.9	32.1	34.0	.32	.32	0.25
Shelby	30	6e	16.0	121	b	4	48	H1	0-6	CL	35.4	33.6	31.0	.37	.37	2.15
								H2	6-36	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	36-60	CL	34.7	32.8	32.5	.37	.37	0.50
94D2																
Mystic	50	4e	12.0	121	c	3	48	H1	0-8	SIL	23.8	50.7	25.5	.37	.37	2.50
								H2	8-32	SIC	8.0	52.0	40.0	.37	.37	0.25
								H3	32-40	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	40-60	SR- SL C	45.9	34.1	20.0	.24	.24	0.25
Caleb	30	4e	12.0	121	b	5	48	H1	0-8	L	38.8	36.7	24.5	.28	.28	2.50
								H2	8-39	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	39-60	SCL	57.0	18.0	25.0	.32	.32	0.25
94E2																
Mystic	50	6e	16.0	121	c	3	48	H1	0-8	SIL	23.8	50.7	25.5	.37	.37	2.50
								H2	8-32	SIC	8.0	52.0	40.0	.37	.37	0.25
								H3	32-40	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	40-60	SR- SL C	65.1	14.9	20.0	.24	.24	0.25
Caleb	30	6e	16.0	121	b	5	48	H1	0-8	L	38.8	36.7	24.5	.28	.28	2.50
								H2	8-39	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	39-60	SCL	57.0	18.0	25.0	.32	.32	0.25
Gosport	20	7e	16.0	121	c	3	48	H1	0-8	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	8-23	SIC	5.4	46.6	48.0	.32	.32	0.25
								H3	23-60	WB	--	--	--	--	--	---
119																
Muscatine	95	1	1.0	249	b	5	38	H1	0-17	SICL	7.0	64.0	29.0	.28	.28	5.50
								H2	17-50	SICL	6.7	60.8	32.5	.43	.43	1.50
								H3	50-60	SICL	7.1	64.9	28.0	.43	.43	0.75
120																
Tama	95	1	1.0	249	b	5	38	H1	0-13	SICL	7.1	64.9	28.0	.28	.28	4.00
								H2	13-50	SICL	6.9	62.1	31.0	.43	.43	1.50
								H3	50-60	SICL	7.1	64.9	28.0	.43	.43	0.25
120B																
Tama	100	2e	4.0	200	b	5	38	H1	0-13	SICL	7.1	64.9	28.0	.28	.28	3.50
								H2	13-50	SICL	6.9	62.1	31.0	.43	.43	1.50
								H3	50-60	SICL	7.1	64.9	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 %
120C2																
Tama	85	3e	7.0	151	b	5	38	H1	0-8	SICL	7.0	63.5	29.5	.32	.32	2.70
								H2	8-13	SICL	7.0	63.5	29.5	.32	.32	1.50
								H3	13-50	SICL	6.9	62.1	31.0	.43	.43	0.75
								H4	50-60	SICL	7.1	64.9	28.0	.43	.43	0.25
120D2																
Tama	85	3e	12.0	121	b	5	38	H1	0-8	SICL	7.0	63.5	29.5	.32	.32	2.70
								H2	8-13	SICL	7.0	63.5	29.5	.32	.32	1.50
								H3	13-50	SICL	6.9	62.1	31.0	.43	.43	0.75
								H4	50-60	SICL	7.1	64.9	28.0	.43	.43	0.25
122																
Sperry	95	3w	0.5	249	c/d	3	48	H1	0-10	SIL	26.5	53.5	20.0	.37	.37	3.50
								H2	10-21	SIL	26.5	53.5	20.0	.43	.43	0.75
								H3	21-56	SIC	7.9	50.6	41.5	.43	.43	1.25
								H4	56-60	SICL	17.8	52.2	30.0	.43	.43	0.50
131B																
Pershing	100	3e	4.0	200	c	3	48	H1	0-7	SIL	24.5	52.0	23.5	.37	.37	3.00
								H2	7-13	SICL	20.0	49.0	31.0	.43	.43	0.50
								H3	13-43	SIC	7.9	50.6	41.5	.43	.43	0.25
								H4	43-60	SICL	20.0	48.0	32.0	.43	.43	0.25
131C2																
Pershing	85	3e	7.0	151	c	3	48	H1	0-7	SIL	24.5	52.0	23.5	.37	.37	2.50
								H2	7-13	SICL	20.0	49.0	31.0	.43	.43	0.50
								H3	13-43	SIC	7.9	50.6	41.5	.43	.43	0.25
								H4	43-60	SICL	20.0	48.0	32.0	.43	.43	0.25
131D2																
Pershing	85	4e	12.0	121	c	3	48	H1	0-7	SIL	24.5	52.0	23.5	.37	.37	2.50
								H2	7-13	SICL	20.0	49.0	31.0	.43	.43	0.50
								H3	13-43	SIC	7.9	50.6	41.5	.43	.43	0.25
								H4	43-60	SICL	20.0	48.0	32.0	.43	.43	0.25
132B																
Weller	95	3e	4.0	200	c	3	48	H1	0-9	SIL	26.1	52.4	21.5	.37	.37	2.50
								H2	9-49	SIC	8.0	52.0	40.0	.43	.43	0.25
								H3	49-60	SICL	19.7	47.8	32.5	.43	.43	0.25
132C2																
Weller	95	3e	7.0	151	c	3	48	H1	0-9	SIL	26.1	52.4	21.5	.37	.37	2.00
								H2	9-49	SIC	8.0	52.0	40.0	.43	.43	0.25
								H3	49-60	SICL	19.7	47.8	32.5	.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 %
133																
Colo	95	2w	1.0	200	b/d	5	38	H1	0-25	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	25-40	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	40-60	SICL	6.9	63.1	30.0	.32	.32	1.50
133B																
Colo	95	2w	4.0	200	b	5	38	H1	0-25	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	25-40	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	40-60	SICL	6.9	63.1	30.0	.32	.32	1.50
162																
Downs	100	1	1.0	249	b	5	48	H1	0-12	SIL	11.2	66.8	22.0	.32	.32	3.50
								H2	12-48	SICL	6.9	62.6	30.5	.43	.43	0.75
								H3	48-60	SIL	9.3	66.7	24.0	.43	.43	0.25
162B																
Downs	95	2e	4.0	200	b	5	48	H1	0-12	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	12-48	SICL	6.9	62.6	30.5	.43	.43	0.75
								H3	48-60	SIL	9.3	66.7	24.0	.43	.43	0.25
162C2																
Downs	85	3e	7.0	151	b	5	48	H1	0-12	SIL	11.2	66.8	22.0	.32	.32	2.50
								H2	12-48	SICL	6.9	62.6	30.5	.43	.43	0.25
								H3	48-60	SIL	9.3	66.7	24.0	.43	.43	0.25
162D2																
Downs	85	3e	12.0	121	b	5	48	H1	0-12	SIL	11.2	66.8	22.0	.32	.32	2.50
								H2	12-48	SICL	6.9	62.6	30.5	.43	.43	0.25
								H3	48-60	SIL	9.3	66.7	24.0	.43	.43	0.25
163B																
Fayette	95	2e	4.0	200	b	5	48	H1	0-11	SIL	11.3	67.7	21.0	.32	.32	2.50
								H2	11-45	SICL	6.9	63.1	30.0	.43	.43	0.50
								H3	45-60	SIL	9.3	66.7	24.0	.43	.43	0.25
163C2																
Fayette	90	3e	7.0	151	b	5	48	H1	0-11	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	11-45	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	45-60	SIL	9.3	66.7	24.0	.43	.43	0.25
163D2																
Fayette	85	3e	12.0	121	b	5	48	H1	0-11	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	11-45	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	45-60	SIL	9.3	66.7	24.0	.43	.43	0.25

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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 %
163E2																
Fayette	85	4e	16.0	121	b	5	48	H1	0-11	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	11-45	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	45-60	SIL	9.3	66.7	24.0	.43	.43	0.25
163F2																
Fayette	85	6e	22.0	102	b	5	48	H1	0-11	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	11-45	SICL	6.9	63.1	30.0	.43	.43	0.25
								H3	45-60	SIL	9.3	66.7	24.0	.43	.43	0.25
172																
Wabash	95	3w	1.0	249	d	5	86	H1	0-60	SIC	7.7	49.3	43.0	.28	.28	5.00
179D2																
Gara	90	4e	12.0	121	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-40	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	40-60	CL	35.4	33.6	31.0	.37	.37	0.25
179E2																
Gara	90	6e	16.0	121	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-40	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	40-60	CL	35.4	33.6	31.0	.37	.37	0.25
179F2																
Gara	85	7e	22.0	102	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-40	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	40-60	CL	35.4	33.6	31.0	.37	.37	0.25
179G																
Gara	95	7e	33.0	102	c	5	48	H1	0-14	L	39.8	37.7	22.5	.28	.28	3.00
								H2	14-40	CL	35.3	33.2	31.5	.32	.32	0.50
								H3	40-60	CL	35.4	33.6	31.0	.37	.37	0.25
185D2																
Bauer	85	6e	12.0	121	c	3	48	H1	0-7	SIL	24.1	51.4	24.5	.37	.37	2.70
								H2	7-13	CL	30.2	32.3	37.5	.37	.37	0.75
								H3	13-16	SIC	2.5	42.5	55.0	.37	.37	0.25
								H4	16-60	WB	--	--	--	--	--	---
185E2																
Bauer	90	7e	16.0	121	c	3	48	H1	0-7	SIL	24.1	51.4	24.5	.37	.37	2.70
								H2	7-13	CL	30.2	32.3	37.5	.37	.37	0.75
								H3	13-16	SIC	2.5	42.5	55.0	.37	.37	0.25
								H4	16-60	WB	--	--	--	--	--	---

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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 %
185E3																
Bauer	90	7e	16.0	121	c	2	38	H1	0-7	SICL	16.5	50.0	33.5	.43	.43	1.70
								H2	7-13	CL	30.2	32.3	37.5	.37	.37	0.25
								H3	13-16	SIC	2.5	42.5	55.0	.37	.37	0.25
								H4	16-60	WB	--	--	--	--	--	---
192D2																
Adair	95	4e	12.0	121	c	3	86	H1	0-7	CL	29.7	31.8	38.5	.32	.32	2.70
								H2	7-42	C	22.7	28.3	49.0	.32	.32	0.75
								H3	42-60	CL	33.9	32.1	34.0	.32	.32	0.25
212																
Kennebec	90	1	1.0	249	b	5	48	H1	0-41	SIL	9.2	66.3	24.5	.28	.28	5.00
								H2	41-60	SIL	9.1	64.9	26.0	.43	.43	1.50
220																
Nodaway	90	1	1.0	249	b	5	48	H1	0-5	SIL	9.5	68.0	22.5	.32	.32	2.00
								H2	5-60	SIL	9.5	67.5	23.0	.43	.43	0.25
222C																
Clarinda	90	4w	7.0	151	d	3	38	H1	0-14	SICL	19.7	47.8	32.5	.37	.37	3.50
								H2	14-42	SIC	5.3	44.7	50.0	.37	.37	0.75
								H3	42-60	SIC	5.3	44.7	50.0	.37	.37	0.25
222C2																
Clarinda	90	4w	7.0	151	d	3	38	H1	0-14	SICL	19.7	47.8	32.5	.37	.37	2.70
								H2	14-42	SIC	5.3	44.7	50.0	.37	.37	0.75
								H3	42-60	SIC	5.3	44.7	50.0	.37	.37	0.25
222D2																
Clarinda	95	4e	12.0	121	d	3	38	H1	0-14	SICL	19.7	47.8	32.5	.37	.37	2.70
								H2	14-42	SIC	5.3	44.7	50.0	.37	.37	0.75
								H3	42-60	SIC	5.3	44.7	50.0	.37	.37	0.25
248																
Wabash	95	3w	1.0	249	d	5	38	H1	0-9	SICL	20.0	49.0	31.0	.28	.28	5.00
								H2	9-60	SIC	5.3	44.7	50.0	.28	.28	1.50
269																
Humeston	95	3w	1.0	249	c/d	5	48	H1	0-12	SIL	23.8	50.7	25.5	.43	.43	3.50
								H2	12-21	SIL	24.6	52.4	23.0	.43	.43	1.50
								H3	21-60	SIC	8.0	52.0	40.0	.32	.32	0.75
273B																
Olmitz	90	2e	4.0	200	b	5	48	H1	0-29	L	38.1	36.4	25.5	.24	.24	3.50
								H2	29-60	L	37.4	35.6	27.0	.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 %
273C																
Olmitz	90	3e	7.0	151	b	5	48	H1	0-29	L	38.1	36.4	25.5	.24	.24	3.50
								H2	29-60	L	37.4	35.6	27.0	.28	.28	2.50
313D																
Gosport	90	6e	12.0	121	c	3	48	H1	0-8	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	8-23	SIC	5.4	46.6	48.0	.32	.32	0.25
								H3	23-60	WB	--	--	--	--	--	---
313E																
Gosport	90	7e	16.0	121	c	3	48	H1	0-8	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	8-23	SIC	5.4	46.6	48.0	.32	.32	0.25
								H3	23-60	WB	--	--	--	--	--	---
313E3																
Gosport	90	7e	16.0	121	c	2	38	H1	0-6	SICL	17.3	52.2	30.5	.43	.43	1.20
								H2	6-20	SIC	5.4	46.6	48.0	.32	.32	0.25
								H3	20-60	WB	--	--	--	--	--	---
313F																
Gosport	95	7e	27.0	102	c	3	48	H1	0-8	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	8-23	SIC	5.4	46.6	48.0	.32	.32	0.25
								H3	23-60	WB	--	--	--	--	--	---
315																
Alluvial Land	85	---	1.0	249	b	5	134	H1	0-9	LS	84.9	9.1	6.0	.17	.17	1.25
								H2	9-60	LS	84.9	9.1	6.0	.15	.15	0.25
368																
Macksburg	90	1	1.0	249	b	5	38	H1	0-18	SICL	17.3	52.2	30.5	.32	.32	5.00
								H2	18-25	SICL	7.4	53.6	39.0	.43	.43	2.50
								H3	25-42	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
368B																
Macksburg	90	2e	4.0	200	b	5	38	H1	0-18	SICL	17.3	52.2	30.5	.32	.32	5.00
								H2	18-25	SICL	7.4	53.6	39.0	.43	.43	2.50
								H3	25-42	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
369																
Winterset	90	2w	1.0	249	c	5	38	H1	0-19	SICL	20.0	49.0	31.0	.32	.32	5.50
								H2	19-50	SIC	8.0	52.0	40.0	.43	.43	3.50
								H3	50-60	SICL	18.7	47.8	33.5	.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 %
370																
Sharpsburg	90	1	1.0	249	b	5	38	H1	0-14	SICL	20.0	48.5	31.5	.32	.32	4.00
								H2	14-26	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	26-50	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	50-60	SICL	19.3	52.2	28.5	.43	.43	0.50
370B																
Sharpsburg	90	2e	4.0	200	b	5	38	H1	0-14	SICL	20.0	48.5	31.5	.32	.32	4.00
								H2	14-26	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	26-50	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	50-60	SICL	19.3	52.2	28.5	.43	.43	0.50
370C																
Sharpsburg	85	3e	7.0	151	b	5	38	H1	0-14	SICL	20.0	48.5	31.5	.32	.32	4.00
								H2	14-26	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	26-50	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	50-60	SICL	19.3	52.2	28.5	.43	.43	0.50
370C2																
Sharpsburg	85	3e	7.0	151	b	5	38	H1	0-8	SICL	20.0	48.5	31.5	.32	.32	3.20
								H2	8-14	SICL	20.0	48.5	31.5	.43	.43	1.50
								H3	14-26	SICL	7.4	53.6	39.0	.43	.43	1.00
								H4	26-42	SICL	18.1	47.9	34.0	.43	.43	0.75
								H5	42-60	SICL	19.3	52.2	28.5	.43	.43	0.50
370D2																
Sharpsburg	85	3e	12.0	121	b	5	38	H1	0-8	SICL	20.0	48.5	31.5	.32	.32	3.20
								H2	8-16	SICL	7.4	53.6	39.0	.43	.43	1.00
								H3	16-41	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	41-60	SICL	19.3	52.2	28.5	.43	.43	0.50
422																
Amana	95	2w	1.0	249	b	5	48	H1	0-16	SIL	9.5	68.0	22.5	.28	.28	4.00
								H2	16-44	SIL	9.3	66.7	24.0	.37	.37	1.50
								H3	44-60	SIL	11.2	66.8	22.0	.37	.37	0.50
425D																
Keswick	90	4e	12.0	121	c	3	48	H1	0-11	L	38.8	36.7	24.5	.32	.32	2.50
								H2	11-43	C	23.3	29.2	47.5	.37	.37	0.25
								H3	43-60	CL	33.3	31.7	35.0	.37	.37	0.25
427C2																
Ladoga	50	3e	7.0	151	b	5	48	H1	0-9	SIL	24.8	52.7	22.5	.32	.32	1.70
								H2	9-42	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	42-60	SICL	19.9	52.1	28.0	.43	.43	0.25
Chelsea	30	4s	7.0	151	a	5	134	H1	0-17	LFS	87.0	1.5	11.5	.17	.17	1.70
								H2	17-60	LFS	85.9	6.6	7.5	.17	.17	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 %
427D2																
Ladoga	50	3e	12.0	121	b	5	48	H1	0-9	SIL	24.8	52.7	22.5	.32	.32	1.70
								H2	9-42	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	42-60	SICL	19.9	52.1	28.0	.43	.43	0.25
Chelsea	30	4e	12.0	121	a	5	134	H1	0-17	LFS	87.0	1.5	11.5	.17	.17	1.70
								H2	17-60	LFS	85.9	6.6	7.5	.17	.17	0.25
Armstrong	20	4e	12.0	121	c	3	48	H1	0-8	L	38.8	36.7	24.5	.32	.32	2.50
								H2	8-44	C	23.1	28.9	48.0	.32	.32	0.50
								H3	44-60	CL	34.4	32.6	33.0	.32	.32	0.25
428B																
Ely	95	2e	4.0	200	b	5	38	H1	0-22	SICL	7.1	64.4	28.5	.28	.28	5.50
								H2	22-55	SICL	6.8	61.7	31.5	.43	.43	2.00
								H3	55-60	SIL	9.1	65.9	25.0	.43	.43	0.75
430																
Ackmore	95	2w	1.0	249	b	5	48	H1	0-6	SIL	9.5	68.0	22.5	.32	.32	2.00
								H2	6-25	SIL	9.3	66.7	24.0	.32	.32	2.00
								H3	25-60	SICL	6.7	61.3	32.0	.32	.32	4.00
434D																
Arbor	95	3e	12.0	121	b	5	48	H1	0-18	L	38.0	36.0	26.0	.28	.28	3.50
								H2	18-43	CL	34.7	32.8	32.5	.28	.28	1.25
								H3	43-60	CL	35.4	33.6	31.0	.37	.37	0.25
451D2																
Caleb	85	4e	12.0	121	b	5	48	H1	0-8	L	38.8	36.7	24.5	.28	.28	2.50
								H2	8-39	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	39-60	SCL	57.0	18.0	25.0	.32	.32	0.25
570B																
Nira	95	2e	4.0	200	b	5	38	H1	0-9	SICL	6.9	62.1	31.0	.28	.28	3.50
								H2	9-44	SICL	6.6	59.4	34.0	.43	.43	0.75
								H3	44-60	SICL	7.0	64.0	29.0	.43	.43	0.25
570C2																
Nira	95	3e	7.0	151	b	5	38	H1	0-9	SICL	6.9	62.1	31.0	.32	.32	2.70
								H2	9-44	SICL	6.6	59.4	34.0	.43	.43	0.50
								H3	44-60	SICL	7.0	64.0	29.0	.43	.43	0.25
592C2																
Mystic	95	3e	7.0	151	c	3	48	H1	0-8	SIL	23.8	50.7	25.5	.37	.37	2.50
								H2	8-32	SIC	8.0	52.0	40.0	.37	.37	0.25
								H3	32-40	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	40-60	SR- SL C	65.1	14.9	20.0	.24	.24	0.25

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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 %
592D2																
Mystic	95	4e	12.0	121	c	3	48	H1	0-8	SIL	23.8	50.7	25.5	.37	.37	2.50
								H2	8-32	SIC	8.2	52.8	39.0	.37	.37	0.25
								H3	32-40	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	40-60	SR- SL C	65.1	14.9	20.0	.24	.24	0.25
687B																
Watkins	95	2e	3.0	200	b	5	48	H1	0-15	SIL	11.3	67.7	21.0	.28	.28	3.00
								H2	15-49	SICL	6.9	63.1	30.0	.43	.43	1.50
								H3	49-60	SICL	7.1	64.4	28.5	.43	.43	0.50
792D2																
Armstrong	90	4e	12.0	121	c	3	48	H1	0-8	L	38.8	36.7	24.5	.32	.32	2.50
								H2	8-44	C	23.1	28.9	48.0	.32	.32	0.50
								H3	44-60	CL	34.4	32.6	33.0	.32	.32	0.25
822D2																
Lamoni	95	4e	12.0	121	c	3	38	H1	0-11	SICL	18.7	47.8	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
822D3																
Lamoni	95	6e	12.0	121	c	2	86	H1	0-7	SIC	7.7	49.8	42.5	.37	.37	2.20
								H2	7-45	C	26.9	29.1	44.0	.37	.37	0.25
								H3	45-60	CL	30.9	33.1	36.0	.37	.37	0.25
864B																
Grundy	95	2e	4.0	200	c	3	38	H1	0-13	SICL	20.0	48.5	31.5	.37	.37	3.50
								H2	13-18	SICL	7.4	54.1	38.5	.37	.37	0.75
								H3	18-23	SIC	7.2	47.8	45.0	.37	.37	0.25
								H4	23-60	SICL	20.0	48.5	31.5	.37	.37	0.25
980B																
Ely	30	2e	4.0	200	b	5	38	H1	0-22	SICL	7.1	64.4	28.5	.28	.28	5.00
								H2	22-55	SICL	6.8	61.7	31.5	.43	.43	2.00
								H3	55-60	SIL	9.1	65.9	25.0	.43	.43	0.75

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 %
993D2																
Armstrong	50	4e	12.0	121	c	3	48	H1	0-8	L	38.8	36.7	24.5	.32	.32	2.50
								H2	8-44	C	23.1	28.9	48.0	.32	.32	0.50
								H3	44-60	CL	34.4	32.6	33.0	.32	.32	0.25
Gara	30	4e	12.0	121	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-40	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	40-60	CL	35.4	33.6	31.0	.37	.37	0.25
Gosport	20	6e	12.0	121	c	3	48	H1	0-8	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	8-23	SIC	5.4	46.6	48.0	.32	.32	0.25
								H3	23-60	WB	--	--	--	--	--	---
993E2																
Armstrong	50	6e	16.0	121	c	3	48	H1	0-8	L	38.8	36.7	24.5	.32	.32	2.50
								H2	8-44	C	23.1	28.9	48.0	.32	.32	0.50
								H3	44-60	CL	34.4	32.6	33.0	.32	.32	0.25
Gara	30	6e	16.0	121	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-40	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	40-60	CL	35.4	33.6	31.0	.37	.37	0.25
Gosport	20	7e	16.0	121	c	3	48	H1	0-8	SIL	24.8	52.7	22.5	.43	.43	2.50
								H2	8-23	SIC	5.4	46.6	48.0	.32	.32	0.25
								H3	23-60	WB	--	--	--	--	--	---
993E3																
Armstrong	50	7e	16.0	121	c	2	86	H1	0-6	CL	29.7	31.8	38.5	.37	.37	1.80
								H2	6-42	C	23.1	28.9	48.0	.32	.32	0.25
								H3	42-60	CL	34.4	32.6	33.0	.32	.32	0.25
Gara	30	6e	16.0	121	c	4	48	H1	0-14	CL	35.4	33.6	31.0	.37	.37	1.80
								H2	14-40	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	40-60	CL	35.4	33.6	31.0	.37	.37	0.25
Gosport	20	7e	16.0	121	c	2	38	H1	0-6	SICL	19.5	50.0	30.5	.43	.43	1.20
								H2	6-20	SIC	5.4	46.6	48.0	.32	.32	0.25
								H3	20-60	WB	--	--	--	--	--	---
C220																
Nodaway	90	5w	1.0	249	b	5	48	H1	0-5	SIL	9.5	68.0	22.5	.32	.32	2.00
								H2	5-60	SR- SIL	9.5	67.5	23.0	.43	.43	0.25
C315																
Alluvial Land	90	5w	1.0	249	--	5	134	H1	0-9	LS	84.9	9.1	6.0	.17	.17	2.70
								H2	9-60	LS	84.9	9.1	6.0	.15	.15	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 %
T76B																
Ladoga	95	2e	4.0	200	b	5	48	H1	0-9	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	9-42	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	42-60	SICL	19.9	52.1	28.0	.43	.43	0.25
T76C2																
Ladoga	100	3e	7.0	151	b	5	48	H1	0-9	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	9-42	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	42-60	SICL	19.9	52.1	28.0	.43	.43	0.25
T119																
Muscatine	95	1	1.0	249	b	5	38	H1	0-17	SICL	7.0	64.0	29.0	.28	.28	5.50
								H2	17-50	SICL	6.7	60.8	32.5	.43	.43	1.50
								H3	50-60	SICL	7.1	64.9	28.0	.43	.43	0.75
T120B																
Tama	100	2e	4.0	200	b	5	38	H1	0-13	SICL	7.1	64.9	28.0	.28	.28	3.50
								H2	13-50	SICL	6.9	62.1	31.0	.43	.43	1.50
								H3	50-60	SICL	7.1	64.9	28.0	.43	.43	0.25
T162B																
Downs	100	2e	4.0	200	b	5	48	H1	0-12	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	12-48	SICL	6.9	62.6	30.5	.43	.43	0.75
								H3	48-60	SIL	9.3	66.7	24.0	.43	.43	0.25
T368																
Macksburg	95	1	2.0	249	b	5	38	H1	0-18	SICL	17.3	52.2	30.5	.32	.32	5.00
								H2	18-25	SICL	7.4	53.6	39.0	.43	.43	2.50
								H3	25-42	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
T370																
Sharpsburg	100	1	1.0	249	b	5	38	H1	0-14	SICL	20.0	48.5	31.5	.32	.32	4.00
								H2	14-26	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	26-50	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	50-60	SICL	19.3	52.2	28.5	.43	.43	0.50
T370B																
Sharpsburg	100	2e	4.0	200	b	5	38	H1	0-14	SICL	20.0	48.5	31.5	.32	.32	4.00
								H2	14-26	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	26-50	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	50-60	SICL	19.3	52.2	28.5	.43	.43	0.50
T370C																
Sharpsburg	100	3e	7.0	151	b	5	38	H1	0-14	SICL	20.0	48.5	31.5	.32	.32	4.00
								H2	14-26	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	26-50	SICL	18.1	47.9	34.0	.43	.43	0.75
								H4	50-60	SICL	19.3	52.2	28.5	.43	.43	0.50