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 %
7A																
Wiota	100	1	2.0	249	b	5	48	H1	0-14	SIL	9.4	67.1	23.5	.28	.28	4.00
								H2	14-46	SICL	6.7	60.3	33.0	.43	.43	2.50
								H3	46-60	SICL	7.0	63.5	29.5	.43	.43	0.50
13B																
Olmitz	40	2e	4.0	200	b	5	48	H1	0-8	L	38.1	36.4	25.5	.24	.24	4.70
								H2	8-30	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
Colo	30	2w	4.0	200	b	5	38	H1	0-14	SICL	6.8	61.7	31.5	.28	.28	4.70
								H2	14-30	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	30-60	SICL	6.9	63.1	30.0	.32	.32	1.50
Vesser	30	2w	4.0	200	c	5	48	H1	0-12	SIL	9.5	67.5	23.0	.28	.28	4.70
								H2	12-32	SIL	11.4	68.6	20.0	.43	.43	1.50
								H3	32-60	SICL	6.7	60.8	32.5	.43	.43	0.50
24D2																
Shelby	100	3e	12.0	151	b	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	2.70
								H2	11-34	CL	34.7	32.8	32.5	.28	.28	1.50
								H3	34-60	CL	34.7	32.8	32.5	.37	.37	0.25
24D3																
Shelby	100	4e	12.0	151	b	4	48	H1	0-8	CL	35.4	33.6	31.0	.37	.37	1.70
								H2	8-33	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	33-60	CL	34.7	32.8	32.5	.37	.37	0.50
24E2																
Shelby	100	4e	16.0	98	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	11-34	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	34-60	CL	34.7	32.8	32.5	.37	.37	0.25
24E3																
Shelby	100	6e	16.0	98	b	4	48	H1	0-8	CL	35.4	33.6	31.0	.37	.37	1.70
								H2	8-33	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	33-60	CL	34.7	32.8	32.5	.37	.37	0.50
51A																
Vesser	95	2w	1.0	249	c	5	48	H1	0-12	SIL	9.5	67.5	23.0	.28	.28	3.50
								H2	12-32	SIL	11.4	68.6	20.0	.43	.43	1.50
								H3	32-60	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	12-32	SIL	11.4	68.6	20.0	.43	.43	1.50
								H3	32-60	SICL	6.7	60.8	32.5	.43	.43	0.50

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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 %
54A																
Zook	100	2w	1.0	249	c/d	5	38	H1	0-17	SICL	7.6	54.9	37.5	.37	.37	6.00
								H2	17-44	SIC	7.9	51.6	40.5	.28	.28	3.00
								H3	44-60	SICL	19.7	47.8	32.5	.28	.28	0.50
54B																
Zook	100	2w	4.0	200	c/d	5	38	H1	0-17	SICL	7.6	54.9	37.5	.37	.37	6.00
								H2	17-60	SIC	7.9	51.6	40.5	.28	.28	3.50
56B																
Cantril	95	2e	4.0	200	b	5	48	H1	0-21	L	42.0	37.5	20.5	.28	.28	3.00
								H2	21-60	CL	35.4	33.6	31.0	.32	.32	0.50
65E2																
Lindley	100	6e	16.0	98	c	5	48	H1	0-8	L	39.8	37.7	22.5	.32	.32	2.00
								H2	8-44	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	44-60	CL	34.4	37.6	28.0	.32	.32	0.30
65E3																
Lindley	100	7e	16.0	98	c	5	48	H1	0-8	CL	35.4	33.6	31.0	.32	.32	1.20
								H2	8-44	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	44-60	CL	34.4	37.6	28.0	.32	.32	0.30
65F																
Lindley	100	7e	21.0	121	c	5	48	H1	0-8	L	39.8	37.7	22.5	.32	.32	2.50
								H2	8-44	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	44-60	CL	34.4	37.6	28.0	.32	.32	0.30
65F2																
Lindley	100	7e	21.0	121	c	5	48	H1	0-8	L	39.8	37.7	22.5	.32	.32	2.00
								H2	8-44	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	44-60	CL	34.4	37.6	28.0	.32	.32	0.30
65F3																
Lindley	100	7e	21.0	121	c	5	48	H1	0-8	CL	35.4	33.6	31.0	.32	.32	1.20
								H2	8-44	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	44-60	CL	34.4	37.6	28.0	.32	.32	0.30
65G2																
Lindley	100	7e	32.0	121	c	5	48	H1	0-8	L	39.8	37.7	22.5	.32	.32	2.00
								H2	8-44	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	44-60	CL	34.4	37.6	28.0	.32	.32	0.30

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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 %
93D2																
Adair	55	4e	12.0	151	c	3	86	H1	0-13	CL	29.7	31.8	38.5	.32	.32	2.70
								H2	13-30	C	22.7	28.3	49.0	.32	.32	0.75
								H3	30-60	CL	33.9	32.1	34.0	.32	.32	0.25
Shelby	35	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	11-34	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	34-60	CL	34.7	32.8	32.5	.37	.37	0.25
93D3																
Adair	55	6e	12.0	151	c	2	86	H1	0-13	CL	29.7	31.8	38.5	.37	.37	2.00
								H2	13-30	C	22.7	28.3	49.0	.32	.32	0.25
								H3	30-60	CL	33.9	32.1	34.0	.32	.32	0.25
Shelby	35	4e	12.0	151	b	4	48	H1	0-8	CL	35.4	33.6	31.0	.37	.37	2.00
								H2	8-33	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	33-60	CL	34.7	32.8	32.5	.37	.37	0.50
94D2																
Mystic	55	4e	12.0	151	c	3	48	H1	0-10	SIL	23.8	50.7	25.5	.37	.37	2.50
								H2	10-45	CL	29.5	31.5	39.0	.37	.37	0.25
								H3	45-65	SCL	55.1	17.4	27.5	.37	.37	0.25
Caleb	35	4e	12.0	151	b	5	48	H1	0-14	L	38.8	36.7	24.5	.28	.28	2.50
								H2	14-29	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	29-60	SCL	57.0	18.0	25.0	.32	.32	0.25
94D3																
Mystic	60	6e	12.0	151	c	2	48	H1	0-10	CL	35.4	33.6	31.0	.37	.37	1.70
								H2	10-45	CL	29.5	31.5	39.0	.37	.37	2.50
								H3	45-65	SCL	55.1	17.4	27.5	.37	.37	0.25
Caleb	40	6e	12.0	151	b	4	48	H1	0-14	CL	34.2	37.3	28.5	.32	.32	1.70
								H2	14-29	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	29-60	SCL	57.0	18.0	25.0	.32	.32	0.25
94E2																
Mystic	55	6e	16.0	98	c	3	48	H1	0-10	SIL	23.8	50.7	25.5	.37	.37	2.50
								H2	10-45	CL	29.5	31.5	39.0	.37	.37	0.25
								H3	45-65	SCL	55.1	17.4	27.5	.37	.37	0.25
Caleb	35	6e	16.0	121	b	5	48	H1	0-14	L	38.8	36.7	24.5	.28	.28	2.50
								H2	14-29	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	29-60	SCL	57.0	18.0	25.0	.32	.32	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 %
94E3																
Mystic	55	7e	16.0	98	c	2	48	H1	0-10	CL	35.4	33.6	31.0	.37	.37	1.70
								H2	10-45	CL	29.5	31.5	39.0	.37	.37	2.50
								H3	45-65	SCL	55.1	17.4	27.5	.37	.37	0.25
Caleb	35	7e	16.0	121	b	4	48	H1	0-14	CL	34.2	37.3	28.5	.32	.32	1.70
								H2	14-29	CL	34.7	37.8	27.5	.32	.32	0.25
								H3	29-60	SCL	57.0	18.0	25.0	.32	.32	0.25
130																
Belinda	100	3w	1.0	249	d	3	48	H1	0-7	SIL	27.0	54.0	19.0	.37	.37	2.50
								H2	7-17	SIL	24.8	52.7	22.5	.43	.43	0.75
								H3	17-42	SIC	8.0	52.0	40.0	.32	.32	0.75
								H4	42-60	SICL	18.1	47.9	34.0	.43	.43	0.25
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	7-14	SICL	20.0	49.0	31.0	.43	.43	0.50
								H3	14-30	SIC	7.9	50.6	41.5	.43	.43	0.25
								H4	30-60	SICL	20.0	48.0	32.0	.43	.43	0.25
131C																
Pershing	100	3e	7.0	200	c	3	48	H1	0-7	SIL	24.5	52.0	23.5	.37	.37	3.00
								H2	7-14	SICL	20.0	49.0	31.0	.43	.43	0.50
								H3	14-30	SIC	7.9	50.6	41.5	.43	.43	0.25
								H4	30-60	SICL	20.0	48.0	32.0	.43	.43	0.25
131C2																
Pershing	100	3e	7.0	200	c	3	48	H1	0-7	SIL	24.5	52.0	23.5	.37	.37	2.50
								H2	7-14	SICL	20.0	49.0	31.0	.43	.43	0.50
								H3	14-30	SIC	7.9	50.6	41.5	.43	.43	0.25
								H4	30-60	SICL	20.0	48.0	32.0	.43	.43	0.25
132B																
Weller	100	3e	4.0	200	c	3	48	H1	0-16	SIL	26.1	52.4	21.5	.37	.37	2.50
								H2	16-40	SICL	7.5	54.5	38.0	.43	.43	0.25
								H3	40-60	SICL	19.7	47.8	32.5	.43	.43	0.25
132B2																
Weller	100	3e	4.0	200	c	3	48	H1	0-16	SIL	26.1	52.4	21.5	.37	.37	2.00
								H2	16-40	SICL	7.5	54.5	38.0	.43	.43	0.25
								H3	40-60	SICL	19.7	47.8	32.5	.43	.43	0.25
132C2																
Weller	100	3e	7.0	200	c	3	48	H1	0-16	SIL	26.1	52.4	21.5	.37	.37	2.00
								H2	16-40	SICL	7.5	54.5	38.0	.43	.43	0.25
								H3	40-60	SICL	19.7	47.8	32.5	.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 %
132D2																
Weller	100	4e	12.0	151	c	3	48	H1	0-16	SIL	26.1	52.4	21.5	.37	.37	2.00
								H2	16-40	SICL	7.5	54.5	38.0	.43	.43	0.25
								H3	40-60	SICL	19.7	47.8	32.5	.43	.43	0.25
133+																
Colo	100	2w	1.0	249	b/d	5	48	H1	0-14	SIL	9.5	67.5	23.0	.28	.28	4.00
								H2	14-30	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	30-60	SICL	6.9	63.1	30.0	.32	.32	1.50
133A																
Colo	100	2w	1.0	249	b/d	5	38	H1	0-14	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	14-30	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	30-60	SICL	6.9	63.1	30.0	.32	.32	1.50
133B																
Colo	100	2w	4.0	200	b	5	38	H1	0-14	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	14-30	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	30-60	SICL	6.9	63.1	30.0	.32	.32	1.50
172																
Wabash	100	3w	1.0	249	d	5	86	H1	0-10	SIC	7.7	49.3	43.0	.28	.28	5.00
								H2	10-60	SIC	5.3	44.7	50.0	.28	.28	1.50
179D2																
Gara	100	4e	12.0	151	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-42	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	42-60	CL	35.4	33.6	31.0	.37	.37	0.25
179D3																
Gara	100	6e	12.0	151	c	4	48	H1	0-7	CL	35.4	33.6	31.0	.37	.37	1.50
								H2	7-45	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	45-60	CL	35.4	33.6	31.0	.37	.37	0.25
179E																
Gara	100	6e	16.0	98	c	5	48	H1	0-14	L	39.8	37.7	22.5	.28	.28	3.00
								H2	14-42	CL	35.3	33.2	31.5	.32	.32	0.50
								H3	42-60	CL	35.4	33.6	31.0	.37	.37	0.25
179E2																
Gara	100	6e	16.0	98	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-42	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	42-60	CL	35.4	33.6	31.0	.37	.37	0.25
179E3																
Gara	100	6e	16.0	98	c	4	48	H1	0-7	CL	35.4	33.6	31.0	.37	.37	1.50
								H2	7-45	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	45-60	CL	35.4	33.6	31.0	.37	.37	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 %
179F2																
Gara	100	7e	21.0	98	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-42	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	42-60	CL	35.4	33.6	31.0	.37	.37	0.25
192C																
Adair	100	3e	7.0	200	c	3	86	H1	0-13	CL	29.7	31.8	38.5	.32	.32	3.50
								H2	13-30	C	22.7	28.3	49.0	.32	.32	0.75
								H3	30-60	CL	33.9	32.1	34.0	.32	.32	0.25
192C2																
Adair	100	3e	7.0	200	c	3	86	H1	0-13	CL	29.7	31.8	38.5	.32	.32	2.70
								H2	13-30	C	22.7	28.3	49.0	.32	.32	0.75
								H3	30-60	CL	33.9	32.1	34.0	.32	.32	0.25
192D2																
Adair	100	4e	12.0	151	c	3	86	H1	0-13	CL	29.7	31.8	38.5	.32	.32	2.70
								H2	13-30	C	22.7	28.3	49.0	.32	.32	0.75
								H3	30-60	CL	33.9	32.1	34.0	.32	.32	0.25
208																
Landes Variant	95	2w	1.0	249	b	5	86	H1	0-10	FSL	63.1	19.4	17.5	.20	.20	2.00
								H2	10-26	FSL	63.1	19.4	17.5	.20	.20	0.75
								H3	26-40	SIL	29.1	53.4	17.5	.37	.37	0.25
								H4	40-60	SICL	17.3	47.7	35.0	.37	.37	0.25
211																
Edina	100	3w	0.5	249	d	3	48	H1	0-10	SIL	26.3	52.7	21.0	.37	.37	4.00
								H2	10-19	SIL	26.3	52.7	21.0	.37	.37	0.75
								H3	19-57	SIC	2.6	44.9	52.5	.37	.37	0.25
								H4	57-60	SICL	18.7	47.8	33.5	.37	.37	0.25
220																
Nodaway	95	2w	1.0	249	b	5	48	H1	0-13	SIL	9.5	68.0	22.5	.32	.32	2.00
								H2	13-60	SIL	9.5	67.5	23.0	.43	.43	0.25
222C																
Clarinda	100	4w	7.0	200	d	3	38	H1	0-10	SICL	19.7	47.8	32.5	.37	.37	3.50
								H2	10-40	C	22.1	27.9	50.0	.37	.37	0.75
								H3	40-60	SIC	5.3	44.7	50.0	.37	.37	0.25
222C2																
Clarinda	100	4w	7.0	200	d	3	38	H1	0-10	SICL	19.7	47.8	32.5	.37	.37	2.70
								H2	10-40	C	22.1	27.9	50.0	.37	.37	0.75
								H3	40-60	SIC	5.3	44.7	50.0	.37	.37	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 %
222C3																
Clarinda	100	6e	7.0	200	d	2	86	H1	0-10	SIC	7.2	47.8	45.0	.37	.37	2.20
								H2	10-40	C	22.1	27.9	50.0	.37	.37	0.25
								H3	40-60	SIC	5.3	44.7	50.0	.37	.37	0.25
222D2																
Clarinda	100	4e	12.0	151	d	3	38	H1	0-10	SICL	19.7	47.8	32.5	.37	.37	2.70
								H2	10-40	C	22.1	27.9	50.0	.37	.37	0.75
								H3	40-60	SIC	5.3	44.7	50.0	.37	.37	0.25
260																
Beckwith	100	3w	1.0	249	d	3	48	H1	0-6	SIL	27.0	54.0	19.0	.37	.37	2.00
								H2	6-15	SIL	24.8	52.7	22.5	.43	.43	0.75
								H3	15-39	SIC	5.6	48.4	46.0	.43	.43	0.25
								H4	39-60	SICL	18.1	47.9	34.0	.43	.43	0.25
261																
Appanoose	100	3w	1.0	249	d	3	48	H1	0-15	SIL	27.0	54.0	19.0	.32	.32	3.00
								H2	15-33	SIC	2.6	43.4	54.0	.43	.43	0.50
								H3	33-60	SICL	17.3	47.7	35.0	.43	.43	0.25
269A																
Humeston	100	3w	1.0	249	c/d	5	48	H1	0-12	SIL	23.8	50.7	25.5	.43	.43	3.50
								H2	12-24	SIL	24.6	52.4	23.0	.43	.43	1.50
								H3	24-60	SICL	7.4	53.6	39.0	.32	.32	0.75
269B																
Humeston	100	3w	4.0	200	c/d	5	48	H1	0-12	SIL	23.8	50.7	25.5	.43	.43	3.50
								H2	12-24	SIL	24.6	52.4	23.0	.43	.43	1.50
								H3	24-60	SICL	7.4	53.6	39.0	.32	.32	0.75
273B																
Olmitz	100	2e	4.0	200	b	5	48	H1	0-8	L	38.1	36.4	25.5	.24	.24	3.50
								H2	8-30	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
312B																
Seymour	100	3e	4.0	200	c	3	48	H1	0-12	SIL	24.1	51.4	24.5	.37	.37	3.50
								H2	12-38	SIC	5.7	48.8	45.5	.28	.28	0.75
								H3	38-60	SICL	7.6	54.9	37.5	.43	.43	0.25
312C2																
Seymour	100	3e	7.0	200	c	3	48	H1	0-12	SIL	24.1	51.4	24.5	.37	.37	2.70
								H2	12-38	SIC	5.7	48.8	45.5	.28	.28	0.75
								H3	38-60	SICL	7.6	54.9	37.5	.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 %
313D2																
Gosport	55	6e	12.0	151	c	3	48	H1	0-7	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	7-30	C	23.1	28.9	48.0	.32	.32	0.25
Clanton	45	6e	12.0	151	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	11-28	C	27.6	29.4	43.0	.37	.37	0.25
								H3	28-60	C	28.1	29.4	42.5	.37	.37	0.25
313E2																
Gosport	55	7e	16.0	98	c	3	48	H1	0-7	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	7-30	C	23.1	28.9	48.0	.32	.32	0.25
Clanton	45	7e	16.0	121	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	11-28	C	27.6	29.4	43.0	.37	.37	0.25
								H3	28-60	C	28.1	29.4	42.5	.37	.37	0.25
313F2																
Gosport	55	7e	21.0	98	c	3	48	H1	0-7	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	7-30	C	23.1	28.9	48.0	.32	.32	0.25
Clanton	45	7e	21.0	121	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	2.20
								H2	11-28	C	27.6	29.4	43.0	.37	.37	0.25
								H3	28-60	C	28.1	29.4	42.5	.37	.37	0.25
315																
Nodaway	55	5w	1.0	249	b	5	48	H1	0-13	SIL	9.5	68.0	22.5	.32	.32	1.50
								H2	13-60	SIL	9.5	67.5	23.0	.43	.43	0.25
362																
Haig	100	2w	1.0	249	c/d	3	38	H1	0-19	SICL	7.7	56.3	36.0	.37	.37	4.00
								H2	19-42	SIC	8.3	53.7	38.0	.37	.37	1.50
								H3	42-60	SIC	7.2	47.8	45.0	.32	.32	0.50
364B																
Grundy	100	2e	4.0	200	c	3	38	H1	0-14	SICL	20.0	48.5	31.5	.37	.37	3.50
								H2	14-18	SICL	7.4	54.1	38.5	.37	.37	0.75
								H3	18-41	SIC	7.2	47.8	45.0	.37	.37	0.25
								H4	41-60	SICL	20.0	48.5	31.5	.37	.37	0.25
406																
Kennebec	55	1	1.0	249	b	5	48	H1	0-33	SIL	9.2	66.3	24.5	.28	.28	4.70
								H2	33-60	SIL	9.1	64.9	26.0	.43	.43	1.50
Amana	35	2w	1.0	200	b	5	48	H1	0-20	SIL	9.5	68.0	22.5	.28	.28	4.70
								H2	20-42	SIL	9.3	66.7	24.0	.37	.37	1.50
								H3	42-60	SIL	11.2	66.8	22.0	.37	.37	0.50

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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 %
413D2																
Sogn	40	7s	14.0	151	d	1	86	H1	0-13	L	41.4	37.1	21.5	.37	.32	1.70
								H2	13-60	UWB	--	--	--	--	--	---
Clanton	30	6e	14.0	151	c	3	48	H1	0-11	SIL	24.8	52.7	22.5	.43	.43	1.70
								H2	11-28	C	27.6	29.4	43.0	.37	.37	0.25
								H3	28-60	C	28.1	29.4	42.5	.37	.37	0.25
Gosport	30	6e	14.0	151	c	3	48	H1	0-7	SIL	24.8	52.7	22.5	.43	.43	1.70
								H2	7-30	C	23.1	28.9	48.0	.32	.32	0.25
422																
Amana	95	2w	1.0	249	b	5	48	H1	0-20	SIL	9.5	68.0	22.5	.28	.28	4.00
								H2	20-42	SIL	9.3	66.7	24.0	.37	.37	1.50
								H3	42-60	SIL	11.2	66.8	22.0	.37	.37	0.50
425C																
Keswick	100	3e	7.0	200	c	3	48	H1	0-10	L	38.8	36.7	24.5	.32	.32	2.50
								H2	10-34	C	23.3	29.2	47.5	.37	.37	0.25
								H3	34-60	CL	33.3	31.7	35.0	.37	.37	0.25
425C2																
Keswick	100	3e	7.0	200	c	3	48	H1	0-10	L	38.8	36.7	24.5	.37	.37	2.00
								H2	10-34	C	23.3	29.2	47.5	.37	.37	0.25
								H3	34-60	CL	33.3	31.7	35.0	.37	.37	0.25
425D																
Keswick	100	4e	12.0	151	c	3	48	H1	0-10	L	38.8	36.7	24.5	.32	.32	2.50
								H2	10-34	C	23.3	29.2	47.5	.37	.37	0.25
								H3	34-60	CL	33.3	31.7	35.0	.37	.37	0.25
425D2																
Keswick	100	4e	12.0	151	c	3	48	H1	0-10	L	38.8	36.7	24.5	.37	.37	2.00
								H2	10-34	C	23.3	29.2	47.5	.37	.37	0.25
								H3	34-60	CL	33.3	31.7	35.0	.37	.37	0.25
425D3																
Keswick	100	6e	12.0	151	c	2	86	H1	0-10	CL	34.2	32.3	33.5	.37	.37	1.70
								H2	10-34	C	23.3	29.2	47.5	.37	.37	0.25
								H3	34-60	CL	33.3	31.7	35.0	.37	.37	0.25
452B																
Lineville	100	3e	4.0	200	c	3	48	H1	0-13	SIL	24.1	51.4	24.5	.37	.37	3.00
								H2	13-19	SICL	20.0	48.5	31.5	.37	.37	0.25
								H3	19-39	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	39-60	CL	30.7	32.8	36.5	.37	.37	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 %
452C																
Lineville	100	3e	7.0	200	c	3	48	H1	0-13	SIL	24.1	51.4	24.5	.37	.37	3.00
								H2	13-19	SICL	20.0	48.5	31.5	.37	.37	0.25
								H3	19-39	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	39-60	CL	30.7	32.8	36.5	.37	.37	0.25
452C2																
Lineville	100	3e	7.0	200	c	3	48	H1	0-13	SIL	24.1	51.4	24.5	.37	.37	2.50
								H2	13-19	SICL	20.0	48.5	31.5	.37	.37	0.25
								H3	19-39	CL	34.7	37.8	27.5	.37	.37	0.25
								H4	39-60	CL	30.7	32.8	36.5	.37	.37	0.25
453A																
Tuskeego	100	3w	1.0	249	c/d	5	56	H1	0-19	SIL	27.0	54.0	19.0	.37	.37	3.50
								H2	19-41	SICL	7.1	52.9	40.0	.43	.43	1.00
								H3	41-60	SICL	18.1	47.9	34.0	.43	.43	0.50
453B																
Tuskeego	100	3w	4.0	200	c/d	5	56	H1	0-19	SIL	27.0	54.0	19.0	.37	.37	3.25
								H2	19-41	SICL	7.1	52.9	40.0	.43	.43	1.00
								H3	41-60	SICL	18.1	47.9	34.0	.43	.43	0.50
467																
Radford	95	2w	1.0	249	b	5	48	H1	0-21	SIL	9.5	68.0	22.5	.28	.28	2.50
								H2	21-60	SIL	8.7	61.8	29.5	.28	.28	4.00
520																
Coppock	95	2w	1.0	249	b	5	48	H1	0-8	SIL	11.3	67.7	21.0	.32	.32	3.00
								H2	8-25	SIL	11.2	67.3	21.5	.43	.43	0.50
								H3	25-43	SICL	6.9	63.1	30.0	.43	.43	0.25
								H4	43-60	SICL	6.7	61.3	32.0	.43	.43	0.25
531B																
Kniffin	100	3e	4.0	200	c	3	48	H1	0-9	SIL	24.2	51.8	24.0	.37	.37	3.00
								H2	9-30	SIC	2.6	45.4	52.0	.43	.43	0.75
								H3	30-60	SICL	7.7	56.3	36.0	.43	.43	0.25
531C																
Kniffin	100	3e	7.0	200	c	3	48	H1	0-9	SIL	24.2	51.8	24.0	.37	.37	3.00
								H2	9-30	SIC	2.6	45.4	52.0	.43	.43	0.75
								H3	30-60	SICL	7.7	56.3	36.0	.43	.43	0.25
531C2																
Kniffin	100	3e	7.0	200	c	3	48	H1	0-9	SIL	24.2	51.8	24.0	.37	.37	2.50
								H2	9-30	SIC	2.6	45.4	52.0	.43	.43	0.75
								H3	30-60	SICL	7.7	56.3	36.0	.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 %
532B																
Rathbun	100	3e	4.0	200	c	3	48	H1	0-13	SIL	27.0	54.0	19.0	.43	.43	2.50
								H2	13-36	SIC	2.6	45.4	52.0	.32	.32	0.25
								H3	36-60	SICL	7.7	56.3	36.0	.32	.32	0.25
532B2																
Rathbun	100	3e	4.0	200	c	3	48	H1	0-13	SIL	24.1	51.4	24.5	.43	.43	2.00
								H2	13-36	SIC	2.6	45.4	52.0	.32	.32	0.25
								H3	36-60	SICL	7.7	56.3	36.0	.32	.32	0.25
532C																
Rathbun	100	3e	7.0	200	c	3	48	H1	0-13	SIL	27.0	54.0	19.0	.43	.43	2.50
								H2	13-36	SIC	2.6	45.4	52.0	.32	.32	0.25
								H3	36-60	SICL	7.7	56.3	36.0	.32	.32	0.25
532C2																
Rathbun	100	3e	7.0	200	d	3	48	H1	0-13	SIL	24.1	51.4	24.5	.43	.43	1.25
								H2	13-36	SICL	7.1	52.9	40.0	.32	.32	0.25
								H3	36-60	SIC	5.3	44.7	50.0	.32	.32	0.25
534																
Carlow	100	3w	1.0	249	d	5	86	H1	0-13	SIC	7.2	47.8	45.0	.37	.37	3.50
								H2	13-60	SIC	2.6	44.9	52.5	.37	.37	0.75
587																
Chequest	100	2w	1.0	249	c	5	38	H1	0-12	SICL	19.7	47.8	32.5	.32	.32	3.50
								H2	12-60	SICL	7.4	54.1	38.5	.43	.43	0.50
592C2																
Mystic	100	3e	7.0	200	c	3	48	H1	0-10	SIL	23.8	50.7	25.5	.37	.37	2.50
								H2	10-45	SIC	8.2	52.8	39.0	.37	.37	0.25
								H3	45-65	SCL	55.1	17.4	27.5	.37	.37	0.25
592C3																
Mystic	100	4e	7.0	200	c	2	48	H1	0-10	CL	35.4	33.6	31.0	.37	.37	2.00
								H2	10-45	CL	29.5	31.5	39.0	.37	.37	2.50
								H3	45-65	SCL	55.1	17.4	27.5	.37	.37	0.25
592D2																
Mystic	100	4e	12.0	151	c	3	48	H1	0-10	SIL	23.8	50.7	25.5	.37	.37	2.50
								H2	10-45	SIC	8.2	52.8	39.0	.37	.37	0.25
								H3	45-65	SCL	55.1	17.4	27.5	.37	.37	0.25
592D3																
Mystic	100	6e	12.0	151	c	2	48	H1	0-10	CL	35.4	33.6	31.0	.37	.37	2.00
								H2	10-45	CL	29.5	31.5	39.0	.37	.37	2.50
								H3	45-65	SCL	55.1	17.4	27.5	.37	.37	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 %
752C																
Lineville Variant	100	3e	7.0	200	c	3	48	H1	0-7	SIL	9.2	66.3	24.5	.37	.37	3.50
								H2	7-17	SICL	6.8	61.7	31.5	.37	.37	1.50
								H3	17-56	SICL	7.1	65.4	27.5	.37	.37	0.25
								H4	56-65	CL	30.7	32.8	36.5	.37	.37	0.25
752C2																
Lineville Variant	100	3e	7.0	200	c	3	48	H1	0-7	SIL	9.2	66.3	24.5	.37	.37	2.70
								H2	7-17	SICL	6.8	61.7	31.5	.37	.37	1.50
								H3	17-56	SICL	7.1	65.4	27.5	.37	.37	0.25
								H4	56-65	SIC	18.7	40.8	40.5	.37	.37	0.25
792C2																
Armstrong	100	3e	7.0	200	c	3	48	H1	0-11	L	38.8	36.7	24.5	.32	.32	2.50
								H2	11-41	C	23.1	28.9	48.0	.32	.32	0.50
								H3	41-60	CL	34.4	32.6	33.0	.32	.32	0.25
792C3																
Armstrong	100	4e	7.0	200	c	2	86	H1	0-11	CL	29.7	31.8	38.5	.37	.37	2.00
								H2	11-41	C	23.1	28.9	48.0	.32	.32	0.25
								H3	41-60	CL	34.4	32.6	33.0	.32	.32	0.25
792D2																
Armstrong	100	4e	12.0	151	c	3	48	H1	0-11	L	38.8	36.7	24.5	.32	.32	2.50
								H2	11-41	C	23.1	28.9	48.0	.32	.32	0.50
								H3	41-60	CL	34.4	32.6	33.0	.32	.32	0.25
792D3																
Armstrong	100	6e	12.0	151	c	2	86	H1	0-11	CL	29.7	31.8	38.5	.37	.37	2.00
								H2	11-41	C	23.1	28.9	48.0	.32	.32	0.25
								H3	41-60	CL	34.4	32.6	33.0	.32	.32	0.25
795C2																
Ashgrove	100	4e	7.0	200	d	3	48	H1	0-8	SIL	24.1	51.4	24.5	.43	.43	2.00
								H2	8-15	SICL	7.1	52.9	40.0	.32	.32	0.25
								H3	15-60	SIC	5.3	44.7	50.0	.32	.32	0.25
795D2																
Ashgrove	100	4e	12.0	151	d	3	48	H1	0-8	SIL	24.1	51.4	24.5	.43	.43	2.00
								H2	8-15	SICL	7.1	52.9	40.0	.32	.32	0.25
								H3	15-60	SIC	5.3	44.7	50.0	.32	.32	0.25
822D2																
Lamoni	100	4e	12.0	151	c	3	38	H1	0-10	SICL	18.7	47.8	33.5	.37	.37	2.70
								H2	10-36	C	26.9	29.1	44.0	.37	.37	1.25
								H3	36-60	CL	30.9	33.1	36.0	.37	.37	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 %
822D3																
Lamoni	100	6e	12.0	151	c	2	86	H1	0-10	C	28.1	29.4	42.5	.37	.37	2.20
								H2	10-36	C	26.9	29.1	44.0	.37	.37	0.25
								H3	36-60	CL	30.9	33.1	36.0	.37	.37	0.25
993D2																
Armstrong	60	4e	12.0	151	c	3	48	H1	0-11	L	38.8	36.7	24.5	.32	.32	2.50
								H2	11-41	C	23.1	28.9	48.0	.32	.32	0.50
								H3	41-60	CL	34.4	32.6	33.0	.32	.32	0.25
Gara	40	4e	12.0	151	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-42	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	42-60	CL	35.4	33.6	31.0	.37	.37	0.25
993D3																
Armstrong	60	6e	12.0	151	c	2	86	H1	0-11	CL	29.7	31.8	38.5	.37	.37	1.70
								H2	11-41	C	23.1	28.9	48.0	.32	.32	0.25
								H3	41-60	CL	34.4	32.6	33.0	.32	.32	0.25
Gara	40	6e	12.0	151	c	4	48	H1	0-7	CL	35.4	33.6	31.0	.37	.37	1.70
								H2	7-45	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	45-60	CL	35.4	33.6	31.0	.37	.37	0.25
993E2																
Armstrong	55	6e	16.0	98	c	3	48	H1	0-11	L	38.8	36.7	24.5	.32	.32	2.50
								H2	11-41	C	23.1	28.9	48.0	.32	.32	0.50
								H3	41-60	CL	34.4	32.6	33.0	.32	.32	0.25
Gara	35	6e	16.0	98	c	5	48	H1	0-14	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	14-42	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	42-60	CL	35.4	33.6	31.0	.37	.37	0.25
993E3																
Armstrong	55	7e	16.0	121	c	2	86	H1	0-11	CL	29.7	31.8	38.5	.37	.37	1.70
								H2	11-41	C	23.1	28.9	48.0	.32	.32	0.25
								H3	41-60	CL	34.4	32.6	33.0	.32	.32	0.25
Gara	35	6e	16.0	121	c	4	48	H1	0-7	CL	35.4	33.6	31.0	.37	.37	1.70
								H2	7-45	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	45-60	CL	35.4	33.6	31.0	.37	.37	0.25
T130																
Belinda	100	3w	1.0	249	d	3	48	H1	0-7	SIL	27.0	54.0	19.0	.37	.37	2.50
								H2	7-17	SIL	24.8	52.7	22.5	.43	.43	0.75
								H3	17-42	SIC	8.0	52.0	40.0	.32	.32	0.75
								H4	42-60	SICL	18.1	47.9	34.0	.43	.43	0.25

Appanoose 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 %
T131B																
Pershing	100	3e	4.0	200	c	3	48	H1	0-7	SIL	24.5	52.0	23.5	.37	.37	3.00
								H2	7-14	SICL	20.0	49.0	31.0	.43	.43	0.50
								H3	14-38	SIC	7.9	50.6	41.5	.43	.43	0.25
								H4	38-60	SICL	20.0	48.0	32.0	.43	.43	0.25
T131C																
Pershing	100	3e	7.0	200	c	3	48	H1	0-7	SIL	24.5	52.0	23.5	.37	.37	3.00
								H2	7-14	SICL	20.0	49.0	31.0	.43	.43	0.50
								H3	14-38	SIC	7.9	50.6	41.5	.43	.43	0.25
								H4	38-60	SICL	20.0	48.0	32.0	.43	.43	0.25
T132B																
Weller	100	3e	4.0	200	c	3	48	H1	0-16	SIL	26.1	52.4	21.5	.37	.37	2.50
								H2	16-40	SICL	7.5	54.5	38.0	.43	.43	0.25
								H3	40-60	SICL	19.7	47.8	32.5	.43	.43	0.25
T132C																
Weller	100	3e	7.0	200	c	3	48	H1	0-16	SIL	26.1	52.4	21.5	.37	.37	2.00
								H2	16-40	SICL	7.5	54.5	38.0	.43	.43	0.25
								H3	40-60	SICL	19.7	47.8	32.5	.43	.43	0.25