Poweshiek 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 %
5																
Ackmore	40	2w	1.0	200	b	5	48	H1	0-25	SIL	9.5	68.0	22.5	.32	.32	4.00
								H2	25-45	SICL	7.1	64.9	28.0	.32	.32	2.00
								H3	45-60	SICL	6.7	61.3	32.0	.32	.32	4.00
Colo	40	2w	1.0	200	b/d	5	38	H1	0-17	SICL	6.8	61.7	31.5	.28	.28	4.00
								H2	17-60	SICL	6.7	60.8	32.5	.28	.28	3.50
7																
Wiota	90	1	1.0	200	b	5	38	H1	0-21	SICL	7.0	63.5	29.5	.28	.28	4.00
								H2	21-48	SICL	6.7	60.3	33.0	.43	.43	2.50
								H3	48-60	SICL	7.0	63.5	29.5	.43	.43	0.50
8B																
Judson	90	2e	4.0	200	b	5	38	H1	0-16	SICL	7.0	63.5	29.5	.28	.28	3.50
								H2	16-33	SICL	6.7	60.8	32.5	.43	.43	2.50
								H3	33-60	SICL	7.1	64.4	28.5	.43	.43	0.50
8C																
Judson	100	3e	7.0	200	b	5	38	H1	0-16	SICL	7.0	63.5	29.5	.28	.28	3.50
								H2	16-33	SICL	6.7	60.8	32.5	.43	.43	2.50
								H3	33-60	SICL	7.1	64.4	28.5	.43	.43	0.50
11B																
Colo	50	2w	1.0	200	b/d	5	38	H1	0-17	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	17-60	SICL	6.7	60.8	32.5	.28	.28	3.50
Ely	30	2e	4.0	200	b	5	38	H1	0-8	SICL	7.1	64.4	28.5	.28	.28	6.00
								H2	8-30	SICL	6.8	61.7	31.5	.43	.43	2.00
								H3	30-60	SICL	7.1	64.9	28.0	.43	.43	0.75
20C																
Killduff	90	3e	7.0	200	b	5	38	H1	0-9	SICL	6.9	62.6	30.5	.28	.28	3.50
								H2	9-46	SICL	6.7	60.8	32.5	.43	.43	0.75
								H3	46-60	SIL	8.8	62.2	29.0	.43	.43	0.25
20C2																
Killduff	95	3e	7.0	200	b	5	38	H1	0-9	SICL	6.9	62.6	30.5	.32	.32	2.70
								H2	9-46	SICL	6.7	60.8	32.5	.43	.43	0.50
								H3	46-60	SIL	8.8	62.2	29.0	.43	.43	0.25
20D2																
Killduff	95	3e	12.0	200	b	5	38	H1	0-9	SICL	6.9	62.6	30.5	.32	.32	2.70
								H2	9-46	SICL	6.7	60.8	32.5	.43	.43	0.50
								H3	46-60	SIL	8.8	62.2	29.0	.43	.43	0.25

Poweshiek 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 %
24D2																
Shelby	85	3e	12.0	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	11-52	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	52-60	CL	34.7	32.8	32.5	.37	.37	0.25
24E																
Shelby	85	4e	16.0	200	b	5	48	H1	0-7	L	38.1	36.4	25.5	.28	.28	3.50
								H2	7-52	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	52-60	CL	34.7	32.8	32.5	.37	.37	0.50
24E2																
Shelby	85	4e	16.0	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	11-52	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	52-60	CL	34.7	32.8	32.5	.37	.37	0.25
24F																
Shelby	85	6e	29.0	200	b	5	48	H1	0-7	L	38.1	36.4	25.5	.28	.28	3.50
								H2	7-52	CL	34.7	32.8	32.5	.37	.37	0.50
								H3	52-60	CL	34.7	32.8	32.5	.37	.37	0.50
41C																
Sparta	85	4s	7.0	200	a	5	134	H1	0-20	LFS	86.8	6.7	6.5	.17	.17	1.50
								H2	20-60	S	96.0	1.5	2.5	.15	.15	0.25
41D																
Sparta	100	6s	14.0	200	a	5	134	H1	0-20	LFS	86.8	6.7	6.5	.17	.17	1.50
								H2	20-60	S	96.0	1.5	2.5	.15	.15	0.25
43																
Bremer	90	2w	1.0	200	c	5	38	H1	0-16	SICL	20.0	48.5	31.5	.32	.32	6.00
								H2	16-50	SIC	8.0	52.0	40.0	.43	.43	1.50
								H3	50-60	SICL	17.3	47.7	35.0	.43	.43	0.75
51																
Vesser	95	2w	1.0	200	c	5	48	H1	0-17	SIL	9.5	67.5	23.0	.28	.28	3.50
								H2	17-32	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
54																
Zook	95	2w	1.0	200	c/d	5	38	H1	0-24	SICL	7.6	54.9	37.5	.37	.37	6.00
								H2	24-40	SICL	7.4	53.1	39.5	.28	.28	3.00
								H3	40-60	SICL	19.7	47.8	32.5	.28	.28	0.50

Poweshiek 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 %
65D																
Lindley	100	4e	12.0	200	c	5	48	H1	0-9	L	39.8	37.7	22.5	.32	.32	2.50
								H2	9-48	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	48-60	CL	34.4	37.6	28.0	.32	.32	0.30
65E																
Lindley	95	6e	16.0	200	c	5	48	H1	0-9	L	39.8	37.7	22.5	.32	.32	2.50
								H2	9-48	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	48-60	CL	34.4	37.6	28.0	.32	.32	0.30
65E3																
Lindley	95	7e	16.0	200	c	5	48	H1	0-9	CL	35.4	33.6	31.0	.32	.32	1.20
								H2	9-48	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	48-60	CL	34.4	37.6	28.0	.32	.32	0.30
65F																
Lindley	95	7e	22.0	200	c	5	48	H1	0-9	L	39.8	37.7	22.5	.32	.32	2.50
								H2	9-48	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	48-60	CL	34.4	37.6	28.0	.32	.32	0.30
65F3																
Lindley	95	7e	22.0	200	c	5	48	H1	0-9	CL	35.4	33.6	31.0	.32	.32	1.20
								H2	9-48	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	48-60	CL	34.4	37.6	28.0	.32	.32	0.30
65G																
Lindley	95	7e	33.0	200	c	5	48	H1	0-9	L	39.8	37.7	22.5	.32	.32	2.50
								H2	9-48	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	48-60	CL	34.4	37.6	28.0	.32	.32	0.30
75																
Givin	95	1	1.0	200	c	5	48	H1	0-16	SIL	26.0	52.0	22.0	.32	.32	3.50
								H2	16-37	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	37-60	SICL	17.3	52.2	30.5	.43	.43	0.25
76B																
Ladoga	90	2e	4.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	SICL	19.9	52.1	28.0	.43	.43	0.25
76C																
Ladoga	95	3e	7.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	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 %
76C2																
Ladoga	95	3e	7.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	SICL	19.9	52.1	28.0	.43	.43	0.25
76D																
Ladoga	95	3e	12.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	SICL	19.9	52.1	28.0	.43	.43	0.25
76D2																
Ladoga	85	3e	12.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	SICL	19.9	52.1	28.0	.43	.43	0.25
80C																
Clinton	95	3e	7.0	200	b	5	48	H1	0-10	SIL	26.3	52.7	21.0	.37	.37	2.50
								H2	10-60	SICL	7.4	53.6	39.0	.37	.37	0.50
80C2																
Clinton	95	3e	7.0	200	b	5	48	H1	0-10	SIL	26.3	52.7	21.0	.37	.37	2.00
								H2	10-60	SICL	7.4	53.6	39.0	.37	.37	0.25
80D																
Clinton	90	3e	12.0	200	b	5	48	H1	0-10	SIL	26.3	52.7	21.0	.37	.37	2.50
								H2	10-60	SICL	7.4	53.6	39.0	.37	.37	0.50
80D2																
Clinton	90	3e	12.0	200	b	5	48	H1	0-10	SIL	26.3	52.7	21.0	.37	.37	2.00
								H2	10-60	SICL	7.4	53.6	39.0	.37	.37	0.25
80E2																
Clinton	90	4e	16.0	200	b	5	48	H1	0-10	SIL	26.3	52.7	21.0	.37	.37	2.00
								H2	10-60	SICL	7.4	53.6	39.0	.37	.37	0.25
88																
Nevin	95	1	1.0	200	b	5	38	H1	0-19	SICL	7.1	64.9	28.0	.28	.28	5.00
								H2	19-51	SICL	6.7	60.8	32.5	.43	.43	1.50
								H3	51-60	SICL	6.9	62.6	30.5	.43	.43	0.25

Poweshiek 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 %
93D2																
Shelby	60	3e	12.0	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	11-52	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	52-60	CL	34.7	32.8	32.5	.37	.37	0.25
Adair	30	4e	12.0	200	c	3	86	H1	0-23	CL	29.7	31.8	38.5	.32	.32	2.70
								H2	23-42	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
93E2																
Shelby	70	4e	16.0	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	11-52	CL	34.7	32.8	32.5	.28	.28	0.50
								H4	52-60	CL	34.7	32.8	32.5	.37	.37	0.25
Adair	30	6e	16.0	200	c	3	86	H1	0-23	CL	29.7	31.8	38.5	.32	.32	2.70
								H2	23-42	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
118																
Garwin	95	2w	1.0	200	b/d	5	38	H1	0-18	SICL	6.7	60.8	32.5	.28	.28	6.50
								H2	18-54	SICL	6.9	62.1	31.0	.28	.28	1.50
								H3	54-60	SIL	9.5	67.5	23.0	.43	.43	0.25
119																
Muscatine	95	1	1.0	200	b	5	38	H1	0-17	SICL	7.0	64.0	29.0	.28	.28	5.50
								H2	17-41	SICL	6.7	60.8	32.5	.43	.43	1.50
								H3	41-60	SIL	9.1	64.9	26.0	.43	.43	0.75
120																
Tama	95	1	1.0	200	b	5	38	H1	0-18	SICL	7.1	64.9	28.0	.28	.28	4.00
								H2	18-46	SICL	6.9	62.1	31.0	.43	.43	1.50
								H3	46-60	SICL	7.1	64.9	28.0	.43	.43	0.25
120B																
Tama	95	2e	4.0	200	b	5	38	H1	0-18	SICL	7.1	64.9	28.0	.28	.28	3.50
								H2	18-46	SICL	6.9	62.1	31.0	.43	.43	1.50
								H3	46-60	SICL	7.1	64.9	28.0	.43	.43	0.25
120C																
Tama	95	3e	7.0	200	b	5	38	H1	0-18	SICL	7.1	64.9	28.0	.28	.28	3.50
								H2	18-46	SICL	6.9	62.1	31.0	.43	.43	1.50
								H3	46-60	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	90	3e	7.0	200	b	5	38	H1	0-6	SICL	7.0	63.5	29.5	.32	.32	2.70
								H2	6-18	SICL	7.0	63.5	29.5	.32	.32	1.50
								H3	18-46	SICL	6.9	62.1	31.0	.43	.43	0.75
								H4	46-60	SICL	7.1	64.9	28.0	.43	.43	0.25
120D2																
Tama	90	3e	12.0	200	b	5	38	H1	0-5	SICL	7.0	63.5	29.5	.32	.32	2.70
								H2	5-18	SICL	7.0	63.5	29.5	.32	.32	1.50
								H3	18-46	SICL	6.9	62.1	31.0	.43	.43	0.75
								H4	46-60	SICL	7.1	64.9	28.0	.43	.43	0.25
122																
Sperry	100	3w	0.5	200	c/d	3	48	H1	0-18	SIL	26.5	53.5	20.0	.37	.37	3.50
								H2	18-50	SIC	7.9	50.6	41.5	.43	.43	1.25
								H3	50-60	SICL	17.8	52.2	30.0	.43	.43	0.50
133																
Colo	85	2w	1.0	200	b/d	5	38	H1	0-17	SICL	6.8	61.7	31.5	.28	.28	6.00
								H2	17-60	SICL	6.7	60.8	32.5	.28	.28	3.50
133+																
Colo	95	2w	1.0	200	b/d	5	48	H1	0-8	SIL	9.5	67.5	23.0	.28	.28	4.00
								H2	8-26	SICL	6.7	60.8	32.5	.28	.28	3.50
								H3	26-60	SICL	6.9	63.1	30.0	.32	.32	1.50
162B																
Downs	100	2e	4.0	200	b	5	48	H1	0-11	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	11-60	SICL	6.9	62.6	30.5	.43	.43	0.75
162C2																
Downs	100	3e	7.0	200	b	5	48	H1	0-11	SIL	11.2	66.8	22.0	.32	.32	2.50
								H2	11-60	SICL	6.9	62.6	30.5	.43	.43	0.25
162D																
Downs	85	3e	12.0	200	b	5	48	H1	0-11	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	11-60	SICL	6.9	62.6	30.5	.43	.43	0.75
162D2																
Downs	100	3e	12.0	200	b	5	48	H1	0-11	SIL	11.2	66.8	22.0	.32	.32	2.50
								H2	11-60	SICL	6.9	62.6	30.5	.43	.43	0.25
163C																
Fayette	95	3e	7.0	200	b	5	48	H1	0-12	SIL	11.3	67.7	21.0	.32	.32	2.50
								H2	12-60	SICL	6.9	63.1	30.0	.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 %
163C2																
Fayette	95	3e	7.0	200	b	5	48	H1	0-12	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	12-60	SICL	6.9	63.1	30.0	.43	.43	0.25
163D2																
Fayette	95	3e	12.0	200	b	5	48	H1	0-12	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	12-60	SICL	6.9	63.1	30.0	.43	.43	0.25
163E2																
Fayette	95	4e	16.0	200	b	5	48	H1	0-12	SIL	9.1	64.9	26.0	.37	.37	2.00
								H2	12-60	SICL	6.9	63.1	30.0	.43	.43	0.25
179D																
Gara	95	4e	12.0	200	c	5	48	H1	0-11	L	39.8	37.7	22.5	.28	.28	3.00
								H2	11-43	CL	35.3	33.2	31.5	.32	.32	0.50
								H3	43-60	CL	35.4	33.6	31.0	.37	.37	0.25
179D2																
Gara	95	4e	12.0	200	c	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	11-43	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	43-60	CL	35.4	33.6	31.0	.37	.37	0.25
179E																
Gara	95	6e	16.0	200	c	5	48	H1	0-11	L	39.8	37.7	22.5	.28	.28	3.00
								H2	11-43	CL	35.3	33.2	31.5	.32	.32	0.50
								H3	43-60	CL	35.4	33.6	31.0	.37	.37	0.25
179E2																
Gara	95	6e	16.0	200	c	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	11-43	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	43-60	CL	35.4	33.6	31.0	.37	.37	0.25
179F																
Gara	100	6e	22.0	200	c	5	48	H1	0-11	L	39.8	37.7	22.5	.28	.28	3.00
								H2	11-43	CL	35.3	33.2	31.5	.32	.32	0.50
								H3	43-60	CL	35.4	33.6	31.0	.37	.37	0.25
192D2																
Adair	100	4e	12.0	200	c	3	86	H1	0-23	CL	29.7	31.8	38.5	.32	.32	2.70
								H2	23-42	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
220																
Nodaway	90	2w	1.0	200	b	5	48	H1	0-30	SIL	9.5	68.0	22.5	.32	.32	2.00
								H2	30-60	SICL	7.1	65.4	27.5	.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 %
222C																
Clarinda	95	4w	7.0	200	d	3	38	H1	0-10	SICL	19.7	47.8	32.5	.37	.37	3.50
								H2	10-60	SIC	5.3	44.7	50.0	.37	.37	0.75
222C2																
Clarinda	95	4w	7.0	200	d	3	38	H1	0-10	SICL	19.7	47.8	32.5	.37	.37	2.70
								H2	10-60	SIC	5.3	44.7	50.0	.37	.37	0.75
222D2																
Clarinda	95	4e	12.0	200	d	3	38	H1	0-10	SICL	19.7	47.8	32.5	.37	.37	2.70
								H2	10-60	SIC	5.3	44.7	50.0	.37	.37	0.75
273B																
Olmitz	100	2e	4.0	200	b	5	48	H1	0-16	L	38.1	36.4	25.5	.24	.24	3.50
								H2	16-40	L	37.4	35.6	27.0	.28	.28	2.50
								H3	40-60	CL	33.2	36.3	30.5	.28	.28	1.50
273C																
Olmitz	90	3e	7.0	200	b	5	48	H1	0-16	L	38.1	36.4	25.5	.24	.24	3.50
								H2	16-40	L	37.4	35.6	27.0	.28	.28	2.50
								H3	40-60	CL	33.2	36.3	30.5	.28	.28	1.50
279																
Taintor	95	2w	1.0	200	c/d	5	38	H1	0-8	SICL	20.0	48.5	31.5	.28	.28	5.50
								H2	8-17	SICL	19.2	47.8	33.0	.32	.32	2.50
								H3	17-40	SICL	7.4	53.1	39.5	.43	.43	0.50
								H4	40-60	SICL	18.9	52.1	29.0	.43	.43	0.50
280																
Mahaska	90	1	2.0	200	b	5	38	H1	0-20	SICL	18.2	52.3	29.5	.28	.28	5.50
								H2	20-40	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	40-60	SICL	19.9	52.1	28.0	.43	.43	0.50
281B																
Otley	90	2e	4.0	200	b	5	38	H1	0-17	SICL	20.0	49.0	31.0	.28	.28	3.50
								H2	17-37	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	37-60	SICL	18.2	52.3	29.5	.43	.43	0.25
281C																
Otley	95	3e	7.0	200	b	5	38	H1	0-17	SICL	20.0	49.0	31.0	.28	.28	3.50
								H2	17-37	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	37-60	SICL	18.2	52.3	29.5	.43	.43	0.25
281C2																
Otley	95	3e	7.0	200	b	5	38	H1	0-7	SICL	20.0	49.0	31.0	.32	.32	2.70
								H2	7-17	SICL	20.0	49.0	31.0	.43	.43	1.50
								H3	17-37	SICL	7.4	53.6	39.0	.43	.43	0.50
								H4	37-60	SICL	18.2	52.3	29.5	.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 %
281D2																
Otley	100	3e	12.0	200	b	5	38	H1	0-7	SICL	20.0	49.0	31.0	.32	.32	2.70
								H2	7-17	SICL	20.0	49.0	31.0	.43	.43	1.50
								H3	17-37	SICL	7.4	53.6	39.0	.43	.43	0.50
								H4	37-60	SICL	18.2	52.3	29.5	.43	.43	0.25
291																
Atterberry	95	1	1.0	200	b	5	48	H1	0-15	SIL	9.5	67.5	23.0	.32	.32	3.50
								H2	15-30	SIL	11.4	68.1	20.5	.32	.32	0.75
								H3	30-54	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
293D2																
Chelsea	65	4e	12.0	200	a	5	134	H1	0-19	LFS	87.0	1.5	11.5	.17	.17	1.30
								H2	19-60	FS	91.3	1.2	7.5	.17	.17	0.25
Ladoga	30	3e	12.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	1.30
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	SICL	19.9	52.1	28.0	.43	.43	0.25
293E2																
Chelsea	60	6e	16.0	200	a	5	134	H1	0-19	LFS	87.0	1.5	11.5	.17	.17	1.30
								H2	19-60	FS	91.3	1.2	7.5	.17	.17	0.25
Ladoga	30	4e	16.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	1.30
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	SICL	19.9	52.1	28.0	.43	.43	0.25
293F																
Chelsea	60	7e	22.0	200	a	5	134	H1	0-19	LFS	87.0	1.5	11.5	.17	.17	1.70
								H2	19-60	FS	91.3	1.2	7.5	.17	.17	0.25
Ladoga	30	6e	22.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	1.70
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	SICL	19.9	52.1	28.0	.43	.43	0.25
377C2																
Dinsdale	95	3e	7.0	200	b	5	38	H1	0-6	SICL	7.0	63.5	29.5	.32	.32	2.70
								H2	6-27	SICL	6.7	61.3	32.0	.43	.43	0.75
								H3	27-60	L	32.6	43.4	24.0	.43	.43	0.25
377D2																
Dinsdale	90	3e	12.0	200	b	5	38	H1	0-6	SICL	7.0	63.5	29.5	.32	.32	2.70
								H2	6-27	SICL	6.7	61.3	32.0	.43	.43	0.75
								H3	27-60	L	32.6	43.4	24.0	.43	.43	0.25

Poweshiek 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 %
422																
Amana	85	2w	1.0	200	b	5	48	H1	0-15	SIL	9.5	68.0	22.5	.28	.28	4.00
								H2	15-55	SIL	9.3	66.7	24.0	.37	.37	1.50
								H3	55-60	SIL	11.2	66.8	22.0	.37	.37	0.50
424D2																
Lindley	60	4e	12.0	200	c	5	48	H1	0-9	L	39.8	37.7	22.5	.32	.32	2.00
								H2	9-48	CL	33.5	36.5	30.0	.32	.32	0.55
								H3	48-60	CL	34.4	37.6	28.0	.32	.32	0.30
Keswick	30	4e	12.0	200	c	3	48	H1	0-9	L	38.8	36.7	24.5	.37	.37	2.00
								H2	9-30	C	23.3	29.2	47.5	.37	.37	0.25
								H3	30-60	CL	33.3	31.7	35.0	.37	.37	0.25
425D2																
Keswick	90	4e	12.0	200	c	3	48	H1	0-9	L	38.8	36.7	24.5	.37	.37	2.00
								H2	9-30	C	23.3	29.2	47.5	.37	.37	0.25
								H3	30-60	CL	33.3	31.7	35.0	.37	.37	0.25
428B																
Ely	90	2e	4.0	200	b	5	38	H1	0-30	SICL	7.1	64.4	28.5	.28	.28	5.50
								H2	30-60	SICL	6.8	61.7	31.5	.43	.43	2.00
								H3	60-64	SICL	7.1	64.9	28.0	.43	.43	0.75
430																
Ackmore	90	2w	1.0	200	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
442E2																
Downs	60	4e	16.0	200	b	5	48	H1	0-11	SIL	11.2	66.8	22.0	.32	.32	2.10
								H2	11-60	SICL	6.9	62.6	30.5	.43	.43	0.25
Chelsea	30	6s	14.0	200	a	5	134	H1	0-19	LFS	87.0	1.5	11.5	.17	.17	2.10
								H2	19-60	FS	91.3	1.2	7.5	.17	.17	0.25
451D2																
Caleb	100	4e	12.0	200	b	5	48	H1	0-6	L	38.8	36.7	24.5	.28	.28	2.50
								H2	6-36	SCL	55.1	17.4	27.5	.32	.32	0.25
								H3	36-60	SL	67.2	15.3	17.5	.32	.32	0.25
453																
Tuskeego	95	3w	1.0	200	c/d	5	56	H1	0-17	SIL	27.0	54.0	19.0	.37	.37	3.50
								H2	17-41	SIC	8.0	52.0	40.0	.43	.43	1.00
								H3	41-60	SICL	18.1	47.9	34.0	.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 %
462B																
Downs	100	2e	4.0	200	b	5	48	H1	0-11	SIL	11.2	66.8	22.0	.32	.32	3.00
								H2	11-48	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
462C2																
Downs	85	3e	7.0	200	b	5	48	H1	0-11	SIL	11.2	66.8	22.0	.32	.32	2.50
								H2	11-48	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
484																
Lawson	85	2w	1.0	200	c	5	56	H1	0-8	SIL	11.7	69.8	18.5	.28	.28	5.20
								H2	8-30	SIL	11.4	68.6	20.0	.28	.28	5.00
								H3	30-60	SR- SL	45.0	40.0	15.0	.43	.43	0.55
										SICL						
488C2																
Downs Variant	90	3e	7.0	200	b	5	48	H1	0-6	SIL	9.2	66.3	24.5	.32	.32	2.50
								H2	6-33	SICL	6.9	62.1	31.0	.43	.43	0.25
								H3	33-60	SIL	9.5	67.5	23.0	.43	.43	0.25
488D2																
Downs Variant	90	3e	12.0	200	b	5	48	H1	0-11	SIL	9.2	66.3	24.5	.32	.32	2.50
								H2	11-33	SICL	6.9	62.1	31.0	.43	.43	0.25
								H3	33-60	SIL	9.5	67.5	23.0	.43	.43	0.25
570C2																
Nira	100	3e	7.0	200	b	5	38	H1	0-7	SICL	6.9	62.1	31.0	.32	.32	2.70
								H2	7-44	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
570D2																
Nira	100	3e	12.0	200	b	5	38	H1	0-7	SICL	6.9	62.1	31.0	.32	.32	2.70
								H2	7-44	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
571C2																
Hedrick	90	3e	7.0	200	b	5	38	H1	0-7	SICL	6.9	62.6	30.5	.32	.32	2.50
								H2	7-50	SICL	6.7	61.3	32.0	.43	.43	0.50
								H3	50-60	SICL	7.1	64.9	28.0	.43	.43	0.25
571D2																
Hedrick	90	3e	12.0	200	b	5	38	H1	0-7	SICL	6.9	62.6	30.5	.32	.32	2.50
								H2	7-50	SICL	6.7	61.3	32.0	.43	.43	0.50
								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 %
592D2																
Mystic	90	4e	12.0	200	c	3	48	H1	0-6	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	6-29	C	30.0	30.0	40.0	.37	.37	0.25
								H3	29-60	L	37.2	35.3	27.5	.37	.37	0.25
683D2																
Liscomb	90	3e	12.0	200	b	5	48	H1	0-8	L	39.8	37.7	22.5	.28	.28	2.70
								H2	8-46	L	39.1	36.9	24.0	.37	.37	0.50
								H3	46-60	SCL	59.9	18.1	22.0	.37	.37	0.25
687																
Watkins	90	1	1.0	200	b	5	48	H1	0-12	SIL	11.3	67.7	21.0	.28	.28	3.50
								H2	12-44	SICL	6.9	63.1	30.0	.43	.43	1.50
								H3	44-60	SICL	7.1	64.4	28.5	.43	.43	0.50
688																
Koszta	95	1	1.0	200	b	5	48	H1	0-15	SIL	11.3	67.7	21.0	.28	.28	3.50
								H2	15-60	SICL	6.8	61.7	31.5	.43	.43	0.25
792D2																
Armstrong	95	4e	12.0	200	c	3	48	H1	0-14	L	38.8	36.7	24.5	.32	.32	2.50
								H2	14-37	C	23.1	28.9	48.0	.32	.32	0.50
								H3	37-60	CL	34.4	32.6	33.0	.32	.32	0.25
822D2																
Lamoni	90	4e	12.0	200	c	3	38	H1	0-10	SICL	18.7	47.8	33.5	.37	.37	2.70
								H2	10-50	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
822E2																
Lamoni	90	6e	16.0	200	c	3	38	H1	0-10	SICL	18.7	47.8	33.5	.37	.37	2.70
								H2	10-50	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
876B																
Ladoga	90	2e	4.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	3.00
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	SICL	19.9	52.1	28.0	.43	.43	0.25
876C2																
Ladoga	95	3e	7.0	200	b	5	48	H1	0-11	SIL	24.8	52.7	22.5	.32	.32	2.50
								H2	11-50	SICL	7.4	53.6	39.0	.43	.43	0.75
								H3	50-60	SICL	19.9	52.1	28.0	.43	.43	0.25
881B																
Otley	100	2e	4.0	200	b	5	38	H1	0-17	SICL	20.0	49.0	31.0	.28	.28	3.50
								H2	17-37	SICL	7.4	53.6	39.0	.43	.43	1.50
								H3	37-60	SICL	18.2	52.3	29.5	.43	.43	0.25

Poweshiek 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 %
881C2																
Otley	100	3e	7.0	200	b	5	38	H1	0-7	SICL	20.0	49.0	31.0	.32	.32	2.70
								H2	7-17	SICL	20.0	49.0	31.0	.43	.43	1.50
								H3	17-37	SICL	7.4	53.6	39.0	.43	.43	0.50
								H4	37-60	SICL	18.2	52.3	29.5	.43	.43	0.25
993D2																
Gara	55	4e	12.0	200	c	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	11-43	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	43-60	CL	35.4	33.6	31.0	.37	.37	0.25
Armstrong	35	4e	12.0	200	c	3	48	H1	0-14	L	38.8	36.7	24.5	.32	.32	2.50
								H2	14-37	C	23.1	28.9	48.0	.32	.32	0.50
								H3	37-60	CL	34.4	32.6	33.0	.32	.32	0.25
993E2																
Gara	60	6e	16.0	200	c	5	48	H1	0-11	CL	35.4	33.6	31.0	.32	.32	2.50
								H2	11-43	CL	35.3	33.2	31.5	.32	.32	0.25
								H3	43-60	CL	35.4	33.6	31.0	.37	.37	0.25
Armstrong	30	6e	16.0	200	c	3	48	H1	0-14	L	38.8	36.7	24.5	.32	.32	2.50
								H2	14-37	C	23.1	28.9	48.0	.32	.32	0.50
								H3	37-60	CL	34.4	32.6	33.0	.32	.32	0.25
1220																
Nodaway	50	5w	1.0	200	b	5	48	H1	0-20	SIL	9.5	68.0	22.5	.32	.32	2.00
								H2	20-60	SICL	7.1	64.9	28.0	.43	.43	0.25
Ackmore	35	5w	1.0	200	b	5	48	H1	0-25	SIL	9.5	68.0	22.5	.32	.32	2.00
								H2	25-40	SICL	7.6	68.4	24.0	.32	.32	2.00
								H3	40-60	SICL	6.7	61.3	32.0	.32	.32	4.00