EROSION FACTORS

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
IA111-Lee County, Iowa														
13B														
Colo, Frequently flooded	60	2	2.0-4.0-5.0	200	c/d	5	48	H1	0-37	SICL	6.8	61.7	31.5	6.00
								H2	37-60	SICL	6.9	63.1	30.0	1.50
Vesser, rarely flooded	30	2	2.0-4.0-5.0	200	c/d	5	48	H1	0-12	SIL	9.5	67.5	23.0	3.00
								H2	12-31	SIL	11.4	68.6	20.0	1.50
								H3	31-80	SICL	6.7	60.8	32.5	0.50
23C														
Arispe	85	3	5.0-7.0-9.0	200	c/d	5	48	Ap	0-8	SICL	4.0	63.0	33.0	3.50
								AB	8-13	SICL	4.0	62.0	34.0	2.50
								Btg	13-53	SICL	3.0	58.0	39.0	0.75
								Cg	53-79	SICL	3.0	67.0	30.0	0.25
23C2														
Arispe	85	3	5.0-7.0-9.0	200	c/d	5	48	Ap	0-8	SICL	4.0	63.0	33.0	3.00
								Btg	8-49	SICL	3.0	58.0	39.0	0.75
								Cg	49-79	SICL	3.0	67.0	30.0	0.25
41														
Sparta	90	4	0.0-1.0-2.0	200	a	5	134	Ap	0-8	LS	87.0	7.0	6.0	1.50
								AB	8-15	LFS	87.0	7.0	6.0	0.75
								Bw	15-72	FS	95.0	1.0	4.0	0.25
								E and Bt	72-80	FS	97.0	1.0	2.0	0.25
41B														
Sparta	100	4	2.0-5.0-7.0	200	a	5	134	Ap	0-8	LS	87.0	7.0	6.0	1.50
								AB	8-15	LFS	87.0	7.0	6.0	0.75
								Bw	15-72	FS	95.0	1.0	4.0	0.25
								E and Bt	72-80	FS	97.0	1.0	2.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
51														
Vesser, occasionally flooded	95	2	0.0-1.0-2.0	200	c/d	5	48	H1	0-13	SIL	9.5	67.5	23.0	3.50
								H2	13-31	SIL	11.4	68.6	20.0	1.50
								H3	31-80	SICL	6.7	60.8	32.5	0.50
56														
Cantril, rarely flooded	90	1	0.0-1.0-2.0	200	b/d	5	48	H1	0-44	L	42.0	37.5	20.5	3.00
								H2	44-60	CL	35.4	33.6	31.0	0.50
56B														
Cantril	90	2	2.0-4.0-5.0	200	b/d	5	48	H1	0-44	L	42.0	37.5	20.5	3.00
								H2	44-60	CL	35.4	33.6	31.0	0.50
57														
Rushville	100	3	0.0-1.0-2.0	200	d	3	48	Ap	0-7	SIL	26.3	52.7	21.0	2.50
								Eg	7-13	SIL	29.7	54.3	16.0	2.50
								Btg	13-43	SIC	8.0	52.0	40.0	0.20
								Bg	43-50	SICL	7.7	56.3	36.0	0.20
								Cg	50-80	SIL	24.2	51.8	24.0	0.20
58D2														
Douds, moderately eroded	85	4	9.0-12.0-14.0	180	c	5	48	Ap	0-8	L	36.0	42.0	22.0	1.50
								BE	8-11	L	37.0	39.0	24.0	1.50
								Bt	11-48	CL	38.0	32.0	30.0	0.50
								BC	48-64	FSL	55.0	27.0	18.0	0.25
								C	64-79	SR- L SCL CL	55.0	23.0	22.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
58E2														
Douds, moderately eroded	85	6	14.0-16.0-18.0	200	c	5	48	Ap	0-8	L	36.0	42.0	22.0	1.50
								BE	8-11	L	37.0	39.0	24.0	1.50
								Bt	11-48	CL	38.0	32.0	30.0	0.50
								BC	48-64	FSL	55.0	27.0	18.0	0.25
								C	64-79	SR- L SCL CL	55.0	23.0	22.0	0.25
63														
Chelsea	100	4	0.0-1.0-2.0	298	a	5	134	Ap	0-8	LFS	85.0	10.0	5.0	1.00
								E	8-36	FS	92.0	5.0	3.0	0.25
								E and Bt	36-70	FS	92.0	4.0	4.0	0.25
63B														
Chelsea	100	4	2.0-5.0-9.0	200	a	5	134	Ap	0-8	LFS	85.0	10.0	5.0	1.00
								E	8-36	FS	92.0	5.0	3.0	0.25
								E and Bt	36-70	FS	92.0	4.0	4.0	0.25
65E2														
Lindley, moderately eroded	85	6	14.0-16.0-18.0	98	c	5	56	Ap	0-8	L	45.0	33.0	22.0	1.70

								Bt	8-30	CL	38.6	28.2	33.2	0.40
								Bk	30-79	CL	39.7	30.4	29.9	0.20
65E3														
Lindley, severely eroded	100	7	14.0-16.0-18.0	98	c	4	48	H1	0-11	CL	35.4	33.6	31.0	1.20
								H2	11-62	CL	34.4	37.6	28.0	0.30

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
65F2														
Lindley, moderately eroded	85	7	18.0-22.0-25.0	59	c	5	56	A	0-5	L	45.0	44.0	11.0	1.70
								E	5-8	L	44.3	46.4	9.3	1.00
								Bt	8-30	CL	38.6	28.2	33.2	0.40
								Btk	30-79	CL	39.7	30.4	29.9	0.20
65G														
Lindley	85	7	25.0-33.0-40.0	98	c	5	48	A	0-5	L	40.0	37.0	23.0	2.50
								E	5-8	L	40.0	37.0	23.0	0.50
								Bt	8-30	CL	38.6	28.2	33.2	1.00
								Bk	30-79	CL	39.7	30.4	29.9	0.20
75														
Givin	95	1	1.0-2.0-3.0	200	c/d	5	48	H1	0-12	SIL	26.0	52.0	22.0	3.50
								H2	12-50	SICL	7.4	53.6	39.0	0.75
								H3	50-60	SICL	17.3	52.2	30.5	0.25
80B														
Clinton	95	2	2.0-4.0-5.0	200	c	5	48	Ap	0-8	SIL	3.0	75.0	22.0	2.50
								E	8-15	SIL	3.0	77.0	20.0	1.00
								Bt1	15-20	SICL	2.0	65.0	33.0	0.75
								Bt2	20-27	SICL	2.0	60.0	38.0	0.50
								Bt3	27-39	SICL	2.0	61.0	37.0	0.30
								Bt4	39-47	SICL	2.0	63.0	35.0	0.30
								Bt5	47-58	SICL	2.0	65.0	33.0	0.30
								Bt6	58-72	SICL	3.0	66.0	31.0	0.20
								C	72-79	SICL	4.0	68.0	28.0	0.20
80C2														
Clinton, eroded	90	3	5.0-7.0-9.0	200	c	5	48	Ap	0-6	SIL	3.0	75.0	22.0	2.00
								BE	6-11	SICL	3.0	69.0	28.0	1.00
								Bt1	11-16	SICL	2.0	65.0	33.0	0.75
								Bt2	16-23	SICL	2.0	60.0	38.0	0.50
								Bt3	23-35	SICL	2.0	61.0	37.0	0.30
								Bt4	35-43	SICL	2.0	63.0	35.0	0.30
								Bt5	43-54	SICL	2.0	65.0	33.0	0.30
								Bt6	54-68	SICL	3.0	66.0	31.0	0.20
								C	68-79	SICL	4.0	68.0	28.0	0.20

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
80D2														
Clinton, eroded	85	3	9.0-11.0-14.0	151	c	5	48	Ap	0-6	SIL	3.0	75.0	22.0	2.00
								BE	6-11	SICL	3.0	69.0	28.0	1.00
								Bt1	11-16	SICL	2.0	65.0	33.0	0.75
								Bt2	16-23	SICL	2.0	60.0	38.0	0.50
								Bt3	23-35	SICL	2.0	61.0	37.0	0.30
								Bt4	35-43	SICL	2.0	63.0	35.0	0.30
								Bt5	43-54	SICL	2.0	65.0	33.0	0.30
								Bt6	54-68	SICL	3.0	66.0	31.0	0.20
								C	68-79	SICL	4.0	68.0	28.0	0.20
81B														
Clinton, bedrock substratum	100	2	2.0-4.0-6.0	200	c	5	48	Ap	0-8	SIL	2.5	76.5	21.0	2.50
								E	8-15	SIL	2.5	76.5	21.0	1.00
								Bt	15-60	SICL	2.5	58.5	39.0	0.50
								2R	60-80	BR	--	--	--	---
81C2														
Clinton, moderately eroded, bedrock substrtaum	100	3	5.0-7.0-9.0	151	c	5	48	Ap	0-8	SIL	2.5	76.5	21.0	1.50
								BE	8-10	SICL	2.5	67.0	30.5	0.25
								Bt	10-60	SICL	2.5	58.5	39.0	0.50
								2R	60-80	BR	--	--	--	---
115D														
Chelsea	100	7	9.0-14.0-18.0	98	a	5	134	Ap	0-8	LFS	85.0	10.0	5.0	1.00
								E	8-36	FS	92.0	5.0	3.0	0.25
								E and Bt	36-70	FS	92.0	4.0	4.0	0.25
130														
Belinda	95	3	0.0-1.0-2.0	200	d	3	48	Ap	0-8	SIL	7.0	71.0	22.0	2.58
								E	8-17	SIL	6.0	71.0	23.0	1.37
								Btg	17-60	SIC	4.0	52.0	44.0	1.20
								Cg	60-79	SICL	3.0	68.0	29.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
131B														
Pershing	90	3	2.0-4.0-5.0	200	d	5	48	Ap	0-7	SIL	5.0	73.0	22.0	3.00
								BE	7-12	SICL	14.0	56.0	30.0	0.50
								Bt	12-55	SIC	7.0	52.0	41.0	0.25
								BC	55-79	SICL	12.0	58.0	30.0	0.25
131C2														
Pershing,	90	3	5.0-7.0-9.0	200	d	5	48	Ap	0-4	SIL	5.0	73.0	22.0	2.50

moderately eroded														
								BE	4-12	SICL	14.0	56.0	30.0	0.50
								Bt	12-55	SIC	7.0	52.0	41.0	0.25
								BC	55-79	SICL	12.0	58.0	30.0	0.25
132B														
Weller	90	3	2.0-4.0-5.0	200	d	5	48	Ap	0-7	SIL	4.0	76.0	20.0	2.50
								E	7-9	SIL	4.0	76.0	20.0	0.75
								BE	9-15	SICL	4.0	69.0	27.0	0.25
								Bt1	15-24	SIC	4.0	54.0	42.0	0.25
								Bt2	24-67	SICL	4.0	66.0	30.0	0.25
								BC	67-79	SICL	4.0	66.0	30.0	0.25
132C2														
Weller, moderately eroded	90	3	5.0-7.0-9.0	200	d	5	48	Ap	0-7	SIL	4.0	76.0	20.0	2.00
								BE	7-18	SICL	4.0	69.0	27.0	0.25
								Bt1	18-25	SIC	4.0	54.0	42.0	0.25
								Bt2	25-67	SICL	4.0	66.0	30.0	0.25
								BC	67-79	SICL	4.0	66.0	30.0	0.25
132D2														
Weller, moderately eroded	100	4	9.0-12.0-14.0	200	d	5	48	H1	0-16	SIL	26.1	52.4	21.5	2.00
								H2	16-50	SICL	7.5	54.5	38.0	0.25
								H3	50-60	SICL	19.7	47.8	32.5	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
133														
Colo, occasionally flooded	85	2	0.0-1.0-2.0	249	c/d	5	48	Ap	0-8	SICL	6.0	64.0	30.0	6.00
								A	8-34	SICL	6.0	63.0	31.0	3.00
								Bg	34-46	SICL	4.0	63.0	33.0	1.70
								BCg	46-52	SICL	5.0	63.0	32.0	1.10
								Cg	52-79	SICL	6.0	64.0	30.0	1.00
140														
Sparta, thick surface	95	4	0.0-1.0-2.0	200	a	5	134	Ap	0-8	LS	87.0	7.0	6.0	1.50
								AB	8-15	LFS	87.0	7.0	6.0	0.75
								Bw	15-72	FS	95.0	1.0	4.0	0.25
								E and Bt	72-80	FS	97.0	1.0	2.0	0.25
172														
Wabash, occasionally flooded	95	3	0.0-1.0-2.0	200	d	5	86	H1	0-20	SIC	7.7	49.3	43.0	5.00
								H2	20-60	SIC	5.3	44.7	50.0	1.50
173														
Hoopeston, rarely flooded	85	2	0.0-1.0-2.0	200	a/d	3	86	Ap	0-8	SL	55.4	31.6	13.0	2.50
								A	8-14	SL	55.4	31.6	13.0	2.50
								Bw1, Bw2	14-38	SL	65.9	19.1	15.0	0.60
								C	38-60	S	90.0	4.0	6.0	0.30
175														
Dickinson	90	3	0.0-1.0-2.0	200	a	3	86	Ap	0-8	FSL	65.0	20.0	15.0	2.00
								A1, A2	8-18	FSL	66.0	20.0	14.0	1.50
								Bw1, Bw2	18-30	FSL	66.0	20.0	14.0	0.25
								BC	30-36	LS	84.0	9.0	7.0	0.25
								C	36-60	S	91.0	2.0	7.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
175B														
Dickinson	95	3	2.0-4.0-5.0	200	a	3	86	Ap	0-8	FSL	65.0	20.0	15.0	2.00
								A1, A2	8-18	FSL	66.0	20.0	14.0	1.50
								Bw1, Bw2	18-30	FSL	66.0	20.0	14.0	0.25
								BC	30-36	LS	84.0	9.0	7.0	0.25
								C	36-60	S	91.0	2.0	7.0	0.25
177														
Saude	90	2	0.0-1.0-2.0	298	b	3	56	Ap	0-7	L	44.0	37.0	19.0	3.50
								A	7-13	L	44.0	37.0	19.0	3.00
								BA	13-16	L	46.0	37.0	17.0	2.00
								Bw1	16-24	L	50.0	35.0	15.0	0.75
								Bw2	24-28	SL	55.0	30.0	15.0	0.75
								2BC	28-36	LCOS	80.0	12.0	8.0	0.25
								2C	36-79	GR-COS	88.0	7.0	5.0	0.25
179C														
Gara	95	3	5.0-8.0-10.0	151	c	5	48	H1	0-12	L	39.8	37.7	22.5	3.00
								H2	12-46	CL	35.3	33.2	31.5	0.50
								H3	46-60	CL	35.4	33.6	31.0	0.25
180														
Keomah	95	2	0.0-1.0-2.0	200	c/d	5	48	H1	0-9	SIL	26.3	52.7	21.0	3.00
								H2	9-30	SICL	7.4	54.1	38.5	0.25
								H3	30-60	SICL	20.0	49.0	31.0	0.25
180B														
Keomah	95	2	2.0-4.0-5.0	200	c/d	5	48	H1	0-9	SIL	26.3	52.7	21.0	2.50
								H2	9-30	SICL	7.4	54.1	38.5	0.25
								H3	30-60	SICL	20.0	49.0	31.0	0.25
208														
Landes, occasionally flooded	90	2	0.0-1.0-2.0	200	b	3	86	Ap, A	0-14	FSL	67.3	20.2	12.5	2.00
								AB, Bw1	14-23	L	62.5	22.5	15.0	0.50

								Bw	23-32	FSL	62.5	26.0	11.5	0.50
								BC, C	32-60	SR- S	80.0	14.8	5.2	0.50

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
211														
Edina	90	3	0.0-0.7-1.0	249	d	3	48	Ap	0-9	SIL	5.0	74.0	21.0	2.50
								E	9-18	SIL	5.0	75.0	20.0	0.75
								Btg	18-54	SIC	3.0	45.0	52.0	0.25
								Cg	54-79	SICL	3.0	62.0	35.0	0.25
220														
Nodaway, occasionally flooded	90	2	0.0-1.0-2.0	200	b	5	48	Ap	0-7	SIL	7.5	70.0	22.5	3.00
								C1	7-31	SR- SIL SICL	7.0	70.0	23.0	0.25
								C2	31-42	SR- SIL SICL	7.0	70.0	23.0	0.25
								C3	42-80	SR- SIL SICL	7.0	70.0	23.0	0.25
222C														
Clarinda	85	4	5.0-7.0-9.0	200	d	3	48	Ap	0-8	SICL	4.0	64.0	32.0	3.20
								A	8-11	SICL	5.0	62.0	33.0	3.00
								2Bt	11-19	SIC	8.0	45.0	47.0	0.25
								2Btg	19-67	SIC	7.0	40.0	53.0	0.25
								2BC	67-79	SIC	8.0	47.0	45.0	0.25
222C2														
Clarinda, moderately eroded	85	4	5.0-7.0-9.0	200	d	3	48	Ap	0-8	SICL	5.0	62.0	33.0	2.50
								2Bt	8-16	SIC	8.0	45.0	47.0	0.25
								2Btg	16-67	SIC	7.0	40.0	53.0	0.25
								2BC	67-79	SIC	8.0	47.0	45.0	0.10
223C														
Rinda	100	4	5.0-7.0-9.0	200	d	3	48	H1	0-13	SIL	24.1	51.4	24.5	3.00
								H2	13-17	SICL	17.3	47.7	35.0	0.25
								H3	17-60	SIC	5.3	44.7	50.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
223D2														
Rinda, moderately eroded	90	4	9.0-12.0-14.0	151	d	3	48	Ap	0-8	SIL	7.0	67.0	26.0	2.50
								BE	8-16	SICL	5.0	60.0	35.0	0.75
								2Btg	16-79	SIC	14.0	42.0	44.0	0.25
260														
Beckwith	95	3	0.0-1.0-2.0	200	d	3	56	Ap	0-6	SIL	3.0	78.0	19.0	2.00
								E	6-17	SIL	3.0	74.0	23.0	0.75
								Btg1	17-39	SIC	3.0	51.0	46.0	0.25
								Btg2	39-79	SICL	3.0	63.0	34.0	0.25
263														
Okaw, rarely flooded	100	3	0.0-2.0-3.0	200	d	3	48	Ap, Eg	0-15	SIL	26.3	52.7	21.0	2.00
								2Btg, 2Bg	15-54	SIC	5.3	44.7	50.0	0.75
								2Cg	54-80	SIC	5.5	47.0	47.5	0.25
291														
Atterberry	90	1	0.0-1.0-2.0	200	c/d	5	48	H1	0-9	SIL	9.5	67.5	23.0	3.50
								H2	9-17	SIL	11.4	68.1	20.5	0.75
								H3	17-50	SICL	6.9	63.1	30.0	0.30
								H4	50-66	SIL	9.5	68.0	22.5	0.30
316														
Birds, Frequently flooded	50	3	0.0-1.0-2.0	200	b/d	5	48	Ap	0-9	SIL	11.0	68.0	21.0	3.00
								ACg	9-37	SIL	10.0	66.0	24.0	0.75
								C	37-60	SIL	19.0	60.0	21.0	0.75
Klum, Frequently flooded	40	3	0.0-1.0-2.0	200	a	5	86	Ap	0-8	FSL	62.5	26.0	11.5	1.50
								C	8-60	SR- SL L	62.5	26.0	11.5	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
354														
Marsh, occasionally flooded, ponded	90	5	0.0-1.0-1.0	298	b/d	1	--	H1	0-36	VAR	19.0	53.0	28.0	35.00
								H2	36-63	SIL	26.3	52.7	21.0	7.50
362														
Haig	90	2	0.0-1.0-2.0	249	d	5	48	Ap	0-7	SIL	10.0	65.0	25.0	4.00
								Bt	7-13	SICL	8.0	55.0	37.0	1.50
								Btg	13-38	SIC	7.0	48.0	45.0	0.50
								BC	38-79	SICL	18.0	48.0	34.0	0.25
363														
Haig	90	2	0.0-1.0-2.0	249	d	5	48	Ap	0-7	SICL	8.0	59.0	33.0	4.00
								Bt	7-13	SICL	8.0	55.0	37.0	1.50
								Btg	13-38	SIC	7.0	48.0	45.0	0.50
								BC	38-79	SICL	18.0	48.0	34.0	0.25
364														
Grundy	90	2	0.0-1.0-2.0	200	c/d	5	48	Ap	0-12	SIL	5.0	71.0	24.0	3.30

								Btg1	12-17	SIC	2.0	54.0	44.0	1.37
								Btg2	17-35	SIC	2.0	56.0	42.0	0.58
								Btg3	35-60	SICL	2.0	62.0	36.0	0.34
								Cg	60-79	SICL	2.0	63.0	35.0	0.34
364B														
Grundy	95	2	2.0-4.0-5.0	200	d	5	48	H1	0-12	SIL	20.0	54.5	25.5	3.50
								H2	12-16	SICL	7.4	54.1	38.5	0.75
								H3	16-36	SIC	7.2	47.8	45.0	0.25
								H4	36-60	SICL	20.0	48.5	31.5	0.25
380														
Mahaska	85	1	1.0-2.0-3.0	200	c/d	5	48	Ap	0-8	SIL	2.6	72.5	24.9	5.00
								A	8-24	SICL	3.3	60.5	36.2	3.00
								Btg1	24-30	SICL	1.8	58.3	39.9	1.50
								Btg2, Btg3	30-61	SICL	1.4	65.2	33.4	0.75
								BCg, Cg	61-80	SICL	2.0	70.5	27.5	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
424D2														
Lindley, moderately eroded	60	4	9.0-12.0-14.0	151	c	5	56	Ap	0-8	L	45.0	33.0	22.0	1.70
								Bt	8-30	CL	38.6	28.2	33.2	0.40
								Bk	30-79	CL	39.7	30.4	29.9	0.20
Keswick, moderately eroded	30	4	9.0-12.0-14.0	151	d	3	48	Ap	0-10	L	38.0	37.0	25.0	2.00
								2Bt	10-34	C	23.0	29.0	48.0	0.25
								2BC	34-79	CL	33.0	32.0	35.0	0.25
424D3														
Lindley, severely eroded	60	6	9.0-12.0-14.0	200	c	4	48	H1	0-11	CL	35.4	33.6	31.0	1.20
								H2	11-62	CL	33.5	36.5	30.0	0.55
Keswick, severely eroded	30	6	9.0-12.0-14.0	200	d	2	48	Ap	0-8	CL	34.2	37.8	28.0	1.50
								2Bt1	8-13	CL	34.2	32.3	33.5	0.25
								2Bt2	13-20	C	25.4	27.1	47.5	0.25
								2BC, 2C	20-60	CL	33.3	31.7	35.0	0.25
425C2														
Keswick, moderately eroded	90	3	5.0-7.0-9.0	200	d	3	48	Ap	0-10	L	38.0	37.0	25.0	2.00
								2Bt	10-34	C	23.0	29.0	48.0	0.25
								2BC	34-79	CL	33.0	32.0	35.0	0.25
425D2														
Keswick, moderately eroded	90	4	9.0-12.0-14.0	151	d	3	48	Ap	0-10	L	38.0	37.0	25.0	2.00
								2Bt	10-34	C	23.0	29.0	48.0	0.25
								2BC	34-79	CL	33.0	32.0	35.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
425D3														
Keswick, severely eroded	100	6	9.0-12.0-14.0	98	d	2	48	Ap	0-8	CL	34.2	37.8	28.0	1.50
								2Bt1	8-13	CL	34.2	32.3	33.5	0.25
								2Bt2	13-20	C	25.4	27.1	47.5	0.25
								2BC, 2C	20-60	CL	33.3	31.7	35.0	0.25
452C2														
Lineville, moderately eroded	90	3	5.0-7.0-9.0	200	c/d	5	48	Ap	0-8	SIL	18.0	57.0	25.0	1.50
								Bt1	8-15	SICL	20.0	48.0	32.0	0.25
								2Bt2	15-33	CL	34.7	37.3	28.0	0.25
								3Bt3	33-55	CL	30.7	32.3	37.0	0.25
								3BC	55-79	CL	31.0	40.0	29.0	0.25
453														
Tuskeego, rarely flooded	100	3	0.0-1.0-2.0	200	c/d	5	56	Ap	0-8	SIL	27.0	54.0	19.0	3.50
								E	8-19	SIL	27.0	54.0	19.0	1.50
								Bg	19-24	SICL	8.0	54.0	38.0	1.00
								Btg	24-60	SICL	18.1	47.9	34.0	0.50
Tuskeego, rarely flooded	95	3	0.0-1.0-2.0	200	c/d	5	48	Ap	0-8	SIL	6.0	68.0	26.0	3.50
								E	8-19	SIL	7.0	74.0	19.0	1.50
								Bg	19-24	SICL	6.0	56.0	38.0	1.00
								Btg	24-79	SICL	4.0	58.0	38.0	0.50
478G														
Nordness	55	7	25.0-33.0-40.0	98	d	1	48	A	0-4	SIL	26.3	52.7	21.0	2.50
								BE	4-7	SIL	24.6	51.2	24.2	0.75
								Bt1	7-11	SIL	23.8	50.7	25.5	0.75
								2Bt2	11-14	C	7.8	39.2	53.0	0.25
								3R	14-79	BR	--	--	--	0.00
Rock Outcrop	40	7	?-?-?	---	--	--	--	R	0-79	BR	--	--	0.0	0.00

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
484														
Lawson, occasionally flooded	95	2	0.0-1.0-2.0	200	b/d	5	56	H1	0-29	SIL	11.7	69.8	18.5	5.20
								H2	29-60	SR SICL SL	11.4	64.6	24.0	0.55
485														
Spillville, occasionally flooded	90	2	0.0-1.0-2.0	200	b	5	48	H1	0-60	L	41.1	36.9	22.0	4.50
499D2														
Nordness, moderately eroded	100	6	9.0-14.0-18.0	98	d	1	48	H1	0-7	SIL	26.3	52.7	21.0	2.00
								H2	7-11	SIL	23.8	50.7	25.5	0.50
								H3	11-16	SICL	19.3	52.2	28.5	0.25
								H4	16-60	BR	--	--	--	---
499F														
Nordness	85	7	18.0-24.0-30.0	98	d	1	48	H1	0-7	SIL	26.3	52.7	21.0	2.50
								H2	7-11	SIL	23.8	50.7	25.5	0.75
								H3	11-16	SICL	19.3	52.2	28.5	0.25
								H4	16-60	BR	--	--	--	---
520														
Coppock, occasionally flooded	100	2	0.0-1.0-2.0	200	c/d	5	48	H1	0-8	SIL	11.3	67.7	21.0	3.00
								H2	8-25	SIL	11.2	67.3	21.5	0.50
								H3	25-45	SICL	6.9	63.1	30.0	0.25
								H4	45-80	SICL	6.7	61.3	32.0	0.25
587														
Chequest, occasionally flooded	90	2	0.0-1.0-2.0	200	c/d	5	48	H1	0-17	SICL	19.7	47.8	32.5	3.50
								H2	17-60	SICL	7.4	54.1	38.5	0.50

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
594C2														
Galland, moderately eroded	85	3	5.0-7.0-9.0	151	c/d	3	48	Ap	0-8	L	38.0	39.0	23.0	2.00
								BE	8-11	L	40.0	36.0	24.0	0.50
								Bt	11-38	CL	29.0	32.0	39.0	0.25
								BC	38-48	CL	29.0	36.0	35.0	0.25
								C	48-79	SR- L	51.0	32.0	17.0	0.25
594D2														
Galland, moderately eroded	85	4	9.0-11.0-14.0	151	c/d	3	48	Ap	0-8	L	38.0	39.0	23.0	2.00
								BE	8-11	L	40.0	36.0	24.0	0.50
								Bt	11-38	CL	29.0	32.0	39.0	0.25
								BC	38-48	CL	29.0	36.0	35.0	0.25
								C	48-79	SR- L	51.0	32.0	17.0	0.25
594D3														
Galland, severely eroded	100	6	9.0-12.0-14.0	200	d	2	48	H1	0-9	CL	35.4	33.6	31.0	1.20
								H2	9-48	C	29.0	29.5	41.5	0.25
								H3	48-60	SR SL C	37.4	35.1	27.5	0.25
594E2														
Galland, moderately eroded	90	6	14.0-16.0-18.0	98	c/d	3	48	Ap	0-8	L	38.0	39.0	23.0	2.00
								BE	8-11	L	40.0	36.0	24.0	0.50
								Bt	11-38	CL	29.0	32.0	39.0	0.25
								BC	38-48	CL	29.0	36.0	35.0	0.25
								C	48-79	SR- L	51.0	32.0	17.0	0.25
687														
Watkins, rarely flooded	100	1	1.0-2.0-3.0	200	c	5	48	H1	0-11	SIL	11.3	67.7	21.0	3.00
								H2	11-48	SICL	6.9	63.1	30.0	1.50
								H3	48-60	SICL	7.1	64.4	28.5	0.50

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
688														
Koszta, rarely flooded	90	1	0.0-1.0-2.0	200	c/d	5	48	H1	0-18	SIL	11.3	67.7	21.0	3.50
								H2	18-60	SICL	6.8	61.7	31.5	0.25
720														
Racoon, occasionally flooded	85	2	0.0-1.0-2.0	200	c/d	5	48	Ap	0-9	SIL	9.4	67.1	23.5	1.50
								Eg	9-30	SIL	11.2	67.3	21.5	0.35
								Btg	30-59	SICL	6.9	62.1	31.0	0.75
								Cg	59-80	SR- LFS SIC	26.0	50.0	24.0	0.75
730B														
Nodaway, frequently flooded	60	2	0.0-1.0-2.0	184	b	5	48	Ap	0-7	SIL	6.0	74.0	20.0	2.50
								C1	7-31	SIL	6.0	74.0	20.0	1.00
								C2	31-42	SIL	6.0	74.0	20.0	0.50
								C3	42-79	SIL	6.0	74.0	20.0	0.25
Cantril	30	2	2.0-4.0-5.0	200	c/d	5	48	Ap	0-8	L	41.0	38.0	21.0	3.00
								E	8-12	L	41.0	38.0	21.0	1.50
								BE	12-17	L	41.0	38.0	21.0	1.50
								Bt	17-39	CL	35.0	34.0	31.0	0.50
								C	39-79	CL	35.0	34.0	31.0	0.50
763D2														

Fayette, moderately eroded	40	3	9.0-12.0-15.0	200	c	5	48	H1	0-15	SIL	9.1	64.9	26.0	2.00
								H2	15-38	SICL	6.9	63.1	30.0	0.25
								H3	38-60	SIL	9.3	66.7	24.0	0.25
Exette, moderately eroded	30	3	9.0-12.0-15.0	200	b	5	48	H1	0-6	SIL	9.5	68.0	22.5	2.00
								H2	6-20	SIL	9.4	67.1	23.5	0.75
								H3	20-60	SIL	13.6	68.9	17.5	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
792C2														
Armstrong, moderately eroded	90	3	5.0-7.0-9.0	200	d	3	48	Ap	0-8	L	34.0	42.0	24.0	2.00
								BE	8-11	L	50.0	32.0	18.0	0.75
								Bt1	11-14	CL	37.5	32.5	30.0	0.75
								2Bt2	14-18	CL	22.0	41.0	37.0	0.50
								2Bt3	18-26	C	25.0	31.0	44.0	0.51
								2Bt4	26-54	CL	25.0	38.0	37.0	0.20
								2C	54-79	CL	34.0	34.0	32.0	0.17
792D2														
Armstrong, moderately eroded	80	4	9.0-12.0-14.0	151	d	3	48	Ap	0-8	L	34.0	42.0	24.0	2.00
								BE	8-11	L	50.0	32.0	18.0	0.75
								Bt1	11-14	CL	37.5	32.5	30.0	0.50
								2Bt2	14-18	CL	22.0	41.0	37.0	0.50
								2Bt3	18-26	C	25.0	31.0	44.0	0.51
								2Bt4	26-54	CL	25.0	38.0	37.0	0.20
								2C	54-79	CL	34.0	34.0	32.0	0.17
793														
Bertrand	100	1	0.0-1.0-2.0	200	b	5	56	H1	0-15	SIL	11.7	69.8	18.5	3.00
								H2	15-40	SICL	7.1	64.9	28.0	0.20
								H3	40-60	SR SIL S	14.0	71.0	15.0	0.20
793B														
Bertrand	100	2	2.0-4.0-5.0	200	b	5	56	H1	0-15	SIL	11.7	69.8	18.5	2.50
								H2	15-40	SICL	7.1	64.9	28.0	0.20
								H3	40-60	SR SIL S	14.0	71.0	15.0	0.20
793C2														
Bertrand, moderately eroded	100	3	5.0-7.0-9.0	151	b	5	56	H1	0-15	SIL	11.7	69.8	18.5	2.00
								H2	15-40	SICL	7.1	64.9	28.0	0.20
								H3	40-60	SR SIL S	14.0	71.0	15.0	0.20

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
795C2														
Ashgrove, moderately eroded	90	4	5.0-7.0-9.0	200	d	3	48	Ap	0-6	SIL	15.0	60.0	25.0	2.00
								BE	6-10	SICL	8.0	57.0	35.0	0.50
								2Bt	10-15	SIC	8.0	52.0	40.0	0.25
								2Btg1	15-54	C	15.0	35.0	50.0	0.25
								2Btg2	54-79	C	25.0	32.0	43.0	0.25
795C3														
Ashgrove, severely eroded	100	4	5.0-7.0-9.0	200	d	2	48	H1	0-14	SICL	18.7	47.8	33.5	1.70
								H2	14-31	SIC	8.0	52.0	40.0	0.25
								H3	31-60	C	22.1	27.9	50.0	0.25
795D2														
Ashgrove, moderately eroded	90	4	9.0-12.0-14.0	151	d	3	48	Ap	0-6	SIL	15.0	60.0	25.0	2.00
								BE	6-10	SICL	8.0	57.0	35.0	0.50
								2Bt	10-15	SIC	8.0	52.0	40.0	0.25
								2Btg1	15-54	C	15.0	35.0	50.0	0.25
								2Btg2	54-79	C	25.0	32.0	43.0	0.25
795D3														
Ashgrove, severely eroded	100	6	9.0-12.0-14.0	98	d	2	48	H1	0-14	SICL	18.7	47.8	33.5	1.70
								H2	14-31	SIC	8.0	52.0	40.0	0.25
								H3	31-60	C	22.1	27.9	50.0	0.25
820														
Dockery, occasionally flooded	90	2	0.0-1.0-2.0	200	b/d	5	56	Ap	0-8	SIL	11.0	72.0	17.0	2.00
								C	8-79	SR- SIL	5.0	74.0	21.0	0.75

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
832B														
Weller, terrace	90	3	2.0-4.0-5.0	200	d	5	48	Ap	0-7	SIL	4.0	76.0	20.0	2.50
								E	7-9	SIL	4.0	76.0	20.0	0.75
								BE	9-15	SICL	4.0	69.0	27.0	0.25
								Bt1	15-24	SIC	4.0	54.0	42.0	0.25
								Bt2	24-67	SICL	4.0	66.0	30.0	0.25
								BC	67-79	SICL	4.0	66.0	30.0	0.25
832C2														
Weller, moderately	100	3	5.0-7.0-9.0	200	d	5	48	H1	0-16	SIL	26.1	52.4	21.5	2.00

eroded, terrace								H2	16-50	SICL	7.5	54.5	38.0	0.25
								H3	50-60	SICL	19.7	47.8	32.5	0.25
880B														
Clinton, terrace	95	2	2.0-4.0-5.0	200	c	5	48	Ap	0-8	SIL	3.0	75.0	22.0	2.50
								E	8-15	SIL	3.0	77.0	20.0	1.00
								Bt1	15-20	SICL	2.0	65.0	33.0	0.75
								Bt2	20-27	SICL	2.0	60.0	38.0	0.50
								Bt3	27-39	SICL	2.0	61.0	37.0	0.30
								Bt4	39-47	SICL	2.0	63.0	35.0	0.30
								Bt5	47-58	SICL	2.0	65.0	33.0	0.30
								Bt6	58-72	SICL	3.0	66.0	31.0	0.20
								C	72-79	SICL	4.0	68.0	28.0	0.20
880C2														
Clinton, terrace, eroded	90	3	5.0-7.0-9.0	200	c	5	48	Ap	0-6	SIL	3.0	75.0	22.0	2.00
								BE	6-11	SICL	3.0	69.0	28.0	1.00
								Bt1	11-16	SICL	2.0	65.0	33.0	0.75
								Bt2	16-23	SICL	2.0	60.0	38.0	0.50
								Bt3	23-35	SICL	2.0	61.0	37.0	0.30
								Bt4	35-43	SICL	2.0	63.0	35.0	0.30
								Bt5	43-54	SICL	2.0	65.0	33.0	0.30
								Bt6	54-68	SICL	3.0	66.0	31.0	0.20
								C	68-79	SICL	4.0	68.0	28.0	0.20

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
950														
Niota	95	3	0.0-1.0-2.0	200	d	5	48	H1	0-7	SICL	19.3	52.2	28.5	2.50
								H2	7-60	SIC	5.4	45.6	49.0	0.50
950B														
Niota	100	3	2.0-4.0-5.0	200	d	5	48	H1	0-7	SICL	19.3	52.2	28.5	2.50
								H2	7-60	SIC	5.4	45.6	49.0	0.50
950D2														
Niota, moderately eroded	100	4	7.0-11.0-14.0	98	d	5	48	H1	0-7	SICL	19.3	52.2	28.5	2.00
								H2	7-60	SIC	5.4	45.6	49.0	0.50
952														
Denrock Variant	100	3	0.0-1.0-2.0	200	d	3	48	Ap, A	0-15	SIL	24.8	52.7	22.5	3.50
								B1	15-21	SIC	5.4	45.6	49.0	1.00
								2B2t	21-60	SIC	5.4	45.6	49.0	1.00
977														
Richwood	100	1	0.0-1.0-2.0	200	b	5	56	Ap	0-8	SIL	11.7	69.8	18.5	4.00
								A, AB	8-18	SIL	11.7	69.3	19.0	3.50
								Bt	18-46	SIL	9.3	66.7	24.0	0.75
								2BC	46-60	SR- LS SIL	40.0	45.0	15.0	0.25
978														
Festina, rarely flooded	90	1	1.0-2.0-3.0	200	c	5	48	H1	0-14	SIL	11.3	67.7	21.0	3.50
								H2	14-37	SICL	7.1	64.9	28.0	0.50
								H3	37-60	SIL	9.3	66.7	24.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
993D2														
Armstrong, moderately eroded	60	4	9.0-12.0-14.0	98	d	3	48	Ap	0-8	L	30.0	46.0	24.0	2.00
								BE	8-11	CL	37.5	32.5	30.0	0.75
								Bt1	11-14	CL	37.5	28.5	34.0	0.50
								2Bt2,2Bt3	14-26	C	35.0	17.0	48.0	0.50
								2Bt4,2Bt5	26-54	CL	37.5	29.5	33.0	0.50
								2BC,2C	54-80	CL	37.7	31.3	31.0	0.25
Gara, moderately eroded	40	4	9.0-12.0-14.0	98	c	5	48	H1	0-12	L	35.4	39.1	25.5	2.50
								H2	12-46	CL	35.3	33.2	31.5	0.25
								H3	46-60	CL	35.4	33.6	31.0	0.25
1057														
Rushville, terrace	95	3	0.0-1.0-2.0	200	d	3	48	Ap	0-7	SIL	3.0	76.0	21.0	2.50
								Eg	7-13	SIL	9.0	75.0	16.0	1.00
								Btg1	13-21	SIC	4.0	56.0	40.0	0.20
								Btg2	21-50	SICL	3.0	61.0	36.0	0.20
								Cg	50-79	SIL	2.0	74.0	24.0	0.20
1130														
Belinda, terrace	90	3	0.0-1.0-2.0	200	d	3	48	Ap	0-7	SIL	7.0	71.0	22.0	2.58
								E	7-20	SIL	6.0	71.0	23.0	1.37
								Btg	20-60	SIC	4.0	52.0	44.0	1.20
								Cg	60-79	SICL	3.0	68.0	29.0	0.25
1131B														
Pershing, terrace	95	3	2.0-4.0-5.0	200	d	5	48	Ap	0-8	SIL	3.0	73.0	24.0	3.00
								BE	8-13	SICL	3.0	66.0	31.0	0.75
								Bt	13-60	SIC	3.0	56.0	41.0	0.25
								BC	60-79	SICL	3.0	65.0	32.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
1152														
Marshan, rarely flooded	75	2	0.0-1.0-2.0	298	c/d	3	48	Ap	0-8	CL	21.0	51.0	28.0	5.50
								A	8-14	SICL	18.0	54.0	28.0	3.50
								AB	14-18	SICL	18.0	54.0	28.0	2.00
								Bg1	18-23	SICL	18.0	54.0	28.0	0.75
								Bg2	23-30	L	39.0	37.0	24.0	0.75
								2Cg1	30-40	GR-S	93.0	2.0	5.0	0.25
								2Cg2	40-79	GR-S	93.0	2.0	5.0	0.25
1180														
Keomah, terrace	95	2	0.0-1.0-2.0	200	c/d	5	48	H1	0-9	SIL	26.3	52.7	21.0	3.00
								H2	9-30	SIC	8.3	53.2	38.5	0.25
								H3	30-60	SICL	20.0	49.0	31.0	0.25
1180B														
Keomah	100	2	2.0-4.0-5.0	200	c/d	5	48	H1	0-9	SIL	26.3	52.7	21.0	2.50
								H2	9-30	SIC	8.3	53.2	38.5	0.25
								H3	30-60	SICL	20.0	49.0	31.0	0.25
1181														
Keomah, bedrock substratum	95	2	1.0-2.0-3.0	200	c/d	5	48	H1	0-9	SIL	26.3	52.7	21.0	3.00
								H2	9-30	SICL	8.3	53.2	38.5	0.75
								H3	30-60	SICL	19.7	47.8	32.5	0.25
1220														
Nodaway, frequently flooded, channeled	75	5	0.0-1.0-2.0	200	b	5	48	Ap	0-7	SIL	7.5	70.0	22.5	3.00
								C1	7-31	SR- SIL SICL	7.0	70.0	23.0	0.25
								C2	31-42	SR- SIL SICL	7.0	70.0	23.0	0.25
								C3	42-80	SR- SIL SICL	7.0	70.0	23.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
1226														
Lawler, rarely flooded	80	2	0.0-1.0-2.0	298	b/d	3	48	Ap	0-9	L	30.0	48.0	22.0	4.50
								A1	9-16	L	30.0	48.0	22.0	3.50
								A2	16-19	L	35.0	43.0	22.0	2.25
								Bg	19-38	L	40.0	36.0	24.0	1.25
								2C	38-79	GR-S	90.0	5.0	5.0	0.25
1260														
Beckwith, terrace	95	3	0.0-1.0-2.0	200	d	3	56	Ap	0-6	SIL	3.0	78.0	19.0	2.00
								E	6-17	SIL	3.0	74.0	23.0	0.75
								Btg1	17-39	SIC	3.0	51.0	46.0	0.25
								Btg2	39-79	SICL	3.0	63.0	34.0	0.25
1317														
Birds, frequently flooded, channeled	65	5	0.0-1.0-2.0	200	b/d	5	48	A	0-9	SIL	11.0	68.0	21.0	3.00
								ACg	9-37	SIL	10.0	66.0	24.0	0.75
								C	37-60	SIL	19.0	60.0	21.0	0.75
Orion, frequently flooded, channeled	15	5	0.0-1.0-2.0	200	b/d	5	56	Ap	0-8	SIL	14.2	71.8	14.0	2.00
								C1	8-28	SR- SIL	15.0	71.0	14.0	2.00
								Ab	28-49	L	37.4	42.6	20.0	5.50
								C2	49-60	SIL	14.2	71.8	14.0	0.25
5053														
Psammaquents, Frequently flooded	100		0.0-1.0-2.0	---	d	5	--	C	0-80	VAR	--	--	--	---

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
M162B														
Downs	90	2	2.0-4.0-5.0	200	c	5	48	Ap	0-8	SIL	3.0	74.0	23.0	3.00
								E	8-12	SIL	3.0	72.0	25.0	1.50
								BE	12-17	SIL	3.0	72.0	25.0	1.00
								Bt1	17-24	SICL	3.0	67.0	30.0	0.75
								Bt2	24-33	SICL	3.0	66.0	31.0	0.75
								Bt3	33-39	SICL	3.0	68.0	29.0	0.50
								BC1	39-48	SIL	5.0	69.0	26.0	0.25
								BC2	48-79	SIL	5.0	69.0	26.0	0.25
M163B														
Fayette	90	2	2.0-4.0-5.0	200	c	5	48	Ap	0-8	SIL	5.0	75.0	20.0	3.00
								E	8-11	SIL	3.0	77.0	20.0	1.00
								BE	11-14	SIL	3.0	72.0	25.0	0.75
								Bt1	14-26	SICL	3.0	66.0	31.0	0.50
								Bt2	26-34	SICL	3.0	67.0	30.0	0.40
								BC	34-47	SICL	3.0	69.0	28.0	0.30
								C	47-79	SIL	4.0	70.0	26.0	0.20
M163C2														
Fayette, eroded	95	3	5.0-7.0-9.0	200	c	5	48	Ap	0-8	SIL	5.0	75.0	20.0	2.00
								BE	8-11	SIL	3.0	72.0	25.0	0.75
								Bt1	11-23	SICL	3.0	66.0	31.0	0.50
								Bt2	23-31	SICL	3.0	67.0	30.0	0.40
								BC	31-44	SICL	3.0	69.0	28.0	0.30
								C	44-79	SIL	4.0	70.0	26.0	0.20
S51														
Vesser, occasionally flooded	80	2	0.0-1.0-2.0	249	c/d	5	48	Ap	0-8	SIL	11.0	66.0	23.0	3.50
								A	8-15	SIL	11.0	66.0	23.0	2.50
								E	15-31	SIL	10.0	70.0	20.0	1.50

									Btg	31-66	SICL	11.0	57.0	32.0	0.50
									BCg	66-79	SICL	11.0	57.0	32.0	0.25

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
S154G														
Douds	40	7	18.0-39.0-60.0	98	c	5	48	A	0-4	L	35.0	45.0	20.0	2.50
								E	4-9	L	35.0	45.0	20.0	1.50
								Bt	9-59	CL	38.0	32.0	30.0	0.50
								BC, C	59-79	SR- L SCL CL	55.0	23.0	22.0	0.25
Alvin	35	2	18.0-39.0-60.0	200	a	5	86	A	0-8	FSL	62.0	25.0	13.0	0.75
								BE, Bt	8-19	FSL	62.0	25.0	13.0	0.25
								E and Bt	19-52	LFS	76.0	19.0	5.0	0.25
								C	52-80	FSL	70.0	20.0	10.0	0.15
Tell	20	2	18.0-29.0-40.0	200	c	3	56	Ap	0-9	SIL	13.9	70.1	16.0	2.50
								E, BE	9-18	SIL	9.3	66.7	24.0	0.25
								Bt	18-28	SICL	9.3	62.7	28.0	0.25
								2BC	28-32	L	45.0	37.5	17.5	0.25
								2C	32-60	SR- S	93.6	1.4	5.0	0.25
S220														
Nodaway, occasionally flooded	85	2	0.0-1.0-2.0	184	b	5	48	Ap	0-7	SIL	6.0	74.0	20.0	2.50
								C1	7-31	SIL	6.0	74.0	20.0	1.00
								C2	31-42	SIL	6.0	74.0	20.0	0.50
								C3	42-79	SIL	6.0	74.0	20.0	0.25
S484														
Lawson, occasionally flooded	90	2	0.0-1.0-2.0	249	b/d	5	48	Ap	0-8	SIL	12.0	66.0	22.0	5.00
								A	8-30	SIL	11.0	69.0	20.0	5.00
								Cg	30-79	SIL	7.0	69.0	24.0	2.00

Mapunit	Comp %	Cap Clc	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	OM RV %
S520														
Coppock, occasionally flooded	95	2	0.0-1.0-2.0	200	c/d	5	48	Ap	0-8	SIL	11.0	68.0	21.0	3.00
								E	8-25	SIL	11.0	67.0	22.0	0.50
								Btg	25-43	SICL	7.0	63.0	30.0	0.25
								BCg	43-79	SICL	7.0	61.0	32.0	0.25
S587														
Chequest, occasionally flooded	85	2	0.0-1.0-2.0	200	c/d	5	48	Ap	0-7	SICL	14.0	54.0	32.0	3.50
								A	7-12	SICL	15.0	52.0	33.0	3.50
								Btg1	12-35	SICL	7.0	54.0	39.0	0.50
								Btg2	35-79	SICL	5.0	56.0	39.0	0.50