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 %
IA119-Lyon County, Iowa														
26														
Alcester	90	1	0.0-1.0-2.0	197	c	5	48	Ap	0-8	SICL	13.0	59.0	28.0	2.75
								A	8-16	SICL	12.0	59.0	29.0	2.50
								Bw1	16-23	SICL	10.0	61.0	29.0	2.25
								Bw2	23-47	SICL	9.0	63.0	28.0	1.25
								Bk	47-67	SICL	9.0	64.0	27.0	1.00
								C	67-79	SICL	6.0	67.0	27.0	0.50
26B														
Alcester	90	2	2.0-4.0-6.0	180	c	5	48	Ap	0-8	SICL	13.0	59.0	28.0	2.75
								A	8-16	SICL	12.0	59.0	29.0	2.50
								Bw1	16-23	SICL	10.0	61.0	29.0	2.25
								Bw2	23-47	SICL	9.0	63.0	28.0	1.25
								Bk	47-67	SICL	9.0	64.0	27.0	1.00
								C	67-79	SICL	6.0	67.0	27.0	0.50
27B														
Terril	85	2	2.0-4.0-5.0	200	b	5	48	H1	0-26	L	41.1	36.9	22.0	3.50
								H2	26-55	L	37.4	35.6	27.0	2.50
								H3	55-60	L	39.8	37.7	22.5	0.50
27C														
Terril	90	3	5.0-7.0-9.0	151	b	5	48	H1	0-26	L	41.1	36.9	22.0	3.50
								H2	26-55	L	37.4	35.6	27.0	2.50
								H3	55-60	L	39.8	37.7	22.5	0.50
27D														
Terril	100	3	9.0-12.0-14.0	151	b	5	48	H1	0-26	L	41.1	36.9	22.0	3.50
								H2	26-55	L	37.4	35.6	27.0	2.50
								H3	55-60	L	39.8	37.7	22.5	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 %
28B														
Dickman	90	3	2.0-4.0-5.0	200	a	2	86	Ap,A	0-12	FSL	68.3	19.7	12.0	2.00
								BW1,BW2	12-19	SL	68.3	19.7	12.0	2.10
								2Bw	19-33	LS	83.7	4.3	12.0	0.75
								2C1,2C2	33-80	S	96.0	1.5	2.5	0.25
28C2														
Dickman, moderately eroded	90	4	5.0-7.0-9.0	151	a	2	86	Ap	0-7	FSL	68.3	19.7	12.0	1.50
								BW1,BW2	7-16	SL	68.3	19.7	12.0	0.75
								2Bw	16-31	LS	83.7	4.3	12.0	0.75
								2C1,2C2	31-80	S	96.0	1.5	2.5	0.25
28D2														
Dickman, moderately eroded	90	4	9.0-12.0-14.0	151	a	2	86	Ap	0-7	FSL	68.3	19.7	12.0	1.50
								BW1,BW2	7-16	SL	68.3	19.7	12.0	0.75
								2Bw	16-31	LS	83.7	4.3	12.0	0.75
								2C1,2C2	31-80	S	96.0	1.5	2.5	0.25
31														
Afton, occasionally flooded	90	2	0.0-1.0-2.0	200	c/d	5	86	Ap	0-6	SICL	3.0	61.0	36.0	7.00
								A	6-32	SICL	4.0	61.0	35.0	3.50
								Bg	32-43	SICL	4.0	63.0	33.0	1.75
								2Cg1	43-65	CL	31.0	41.0	28.0	0.25
								2Cg2	65-79	L	35.0	42.0	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 %
32														
Spicer	95	2	0.0-1.0-2.0	200	c/d	5	86	Ap	0-12	SICL	6.7	61.3	32.0	6.50
								A	12-16	SICL	9.0	63.0	28.0	4.00
								Bg,BCg	16-40	SIL	9.0	64.5	26.5	1.50
								Cg	40-60	SIL	32.2	42.8	25.0	1.00
33C														
Steinauer	90	3	5.0-7.0-9.0	151	c	5	48	H1	0-4	CL	33.6	36.9	29.5	3.50
								H2	4-11	CL	33.6	36.9	29.5	2.00
								H3	11-60	CL	33.6	36.9	29.5	0.50
33D														
Steinauer	90	4	9.0-12.0-14.0	151	c	5	48	H1	0-4	CL	33.6	36.9	29.5	3.50
								H2	4-11	CL	33.6	36.9	29.5	2.00
								H3	11-60	CL	33.6	36.9	29.5	0.50
33E														
Steinauer	90	4	14.0-16.0-18.0	121	c	5	48	H1	0-4	CL	33.6	36.9	29.5	3.50
								H2	4-11	CL	33.6	36.9	29.5	2.00
								H3	11-60	CL	33.6	36.9	29.5	0.50
33F														
Steinauer	90	6	18.0-22.0-25.0	121	c	5	48	H1	0-4	CL	33.6	36.9	29.5	3.50
								H2	4-11	CL	33.6	36.9	29.5	2.00
								H3	11-60	CL	33.6	36.9	29.5	0.50
33G														

Steinauer	90	7	25.0-33.0-40.0	98	c	5	48	H1	0-4	CL	33.6	36.9	29.5	3.50
								H2	4-11	CL	33.6	36.9	29.5	2.00
								H3	11-60	CL	33.6	36.9	29.5	0.50
54														
Zook, occasionally flooded	85	2	0.0-1.0-2.0	200	d	5	86	Ap	0-7	SICL	3.0	61.0	36.0	4.50
								A1	7-20	SICL	3.0	60.0	37.0	3.20
								A2	20-38	SIC	4.0	55.0	41.0	2.00
								Bg	38-61	SICL	3.0	59.0	38.0	1.70
								Cg	61-79	SICL	5.0	60.0	35.0	1.40

Lyon County, Iowa

EROSION FACTORS--Continued

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 %
64														
Benclare, rarely flooded	95	2	0.0-1.0-2.0	200	d	5	48	H1	0-15	SICL	17.3	47.7	35.0	5.00
								H2	15-33	SIC	7.7	49.8	42.5	1.50
								H3	33-63	SIC	7.7	49.8	42.5	0.75
								H4	63-72	SICL	7.1	52.9	40.0	0.25
72														
Estherville	100	3	0.0-1.0-2.0	200	b	2	56	Ap	0-7	L	50.0	35.0	15.0	3.50
								A,Bw1	7-18	SL	66.8	19.2	14.0	0.75
								2Bw2,2C	18-80	GR-COS	92.1	3.9	4.0	0.25
73F														
Salida	95	7	18.0-29.0-40.0	121	a	5	86	H1	0-5	SL	66.6	23.4	10.0	2.00
								H2	5-9	GR-LS	79.2	15.8	5.0	0.25
								H3	9-60	GRV-S	96.0	1.5	2.5	0.25
77B														
Sac, loam substratum	85	2	2.0-4.0-5.0	200	c	5	48	Ap	0-6	SICL	5.0	60.0	35.0	4.20
								A	6-16	SICL	5.0	59.0	36.0	3.00
								Bw	16-32	SICL	8.0	61.0	31.0	1.50
								2C	32-79	L	35.0	40.0	25.0	0.50
77B2														
Sac, eroded	95	2	2.0-4.0-5.0	200	c	5	48	Ap	0-7	SICL	6.0	59.0	35.0	3.50
								Bw	7-32	SICL	8.0	61.0	31.0	1.50
								2C	32-79	L	35.0	40.0	25.0	0.50
77C2														
Sac, eroded	85	3	5.0-7.0-9.0	200	c	5	48	Ap	0-7	SICL	6.0	59.0	35.0	3.50
								Bw	7-32	SICL	8.0	61.0	31.0	1.50
								2C	32-79	L	35.0	40.0	25.0	0.50
77D2														
Sac, eroded	85	3	9.0-12.0-14.0	151	c	5	48	Ap	0-7	SICL	6.0	59.0	35.0	3.50
								Bw	7-32	SICL	8.0	61.0	31.0	1.50
								2C	32-79	L	35.0	40.0	25.0	0.50

Lyon County, Iowa

EROSION FACTORS--Continued

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 %
91														
Primghar	85	1	0.0-1.0-2.0	200	c/d	5	86	Ap	0-8	SICL	7.6	55.4	37.0	5.50
								A,AB	8-17	SICL	7.6	55.4	37.0	5.50
								BW,Bkg	17-48	SICL	6.7	60.8	32.5	3.00
								Cg	48-60	SICL	8.9	63.6	27.5	1.50
91B														
Primghar	85	2	2.0-4.0-5.0	200	c/d	5	86	Ap	0-8	SICL	7.6	55.4	37.0	5.50
								A,AB	8-17	SICL	7.6	55.4	37.0	5.50
								BW,Bkg	17-48	SICL	6.7	60.8	32.5	3.00
								Cg	48-60	SICL	8.9	63.6	27.5	1.50
92														
Marcus	86	2	0.0-1.0-2.0	200	c/d	5	86	Ap,A1,A2	0-19	SICL	8.6	53.9	37.5	6.50
								Bg1,Bg2,Bg3,	19-46	SICL	6.2	61.3	32.5	4.00
								Cg	46-66	SIL	6.8	67.2	26.0	1.50
133														
Colo, occasionally flooded	85	2	0.0-1.0-2.0	200	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
174														
Bolan	95	2	0.0-1.0-2.0	200	b	3	48	H1	0-8	L	39.5	37.5	23.0	3.50
								H2	8-23	L	43.8	40.2	16.0	1.50
								H3	23-39	FSL	66.9	20.1	13.0	0.50
								H4	39-60	LFS	78.6	16.4	5.0	0.25
174B														
Bolan	90	2	2.0-4.0-5.0	200	b	3	48	H1	0-8	L	39.5	37.5	23.0	3.00
								H2	8-23	L	43.8	40.2	16.0	1.50
								H3	23-39	FSL	66.9	20.1	13.0	0.50
								H4	39-60	LFS	78.6	16.4	5.0	0.25

Lyon County, Iowa

EROSION FACTORS--Continued

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 %
174C2														
Bolan, moderately eroded	90	3	5.0-7.0-9.0	151	b	3	48	H1	0-8	L	39.5	37.5	23.0	2.50
								H2	8-23	L	43.8	40.2	16.0	0.50

								H3	23-39	FSL	66.9	20.1	13.0	0.25
								H4	39-60	LFS	78.6	16.4	5.0	0.25
174D2														
Bolan, moderately eroded	85	4	9.0-12.0-14.0	151	b	3	48	H1	0-8	L	39.5	37.5	23.0	2.50
								H2	8-23	L	43.8	40.2	16.0	0.50
								H3	23-39	FSL	66.9	20.1	13.0	0.25
								H4	39-60	LFS	78.6	16.4	5.0	0.25
189														
Omadi, occasionally flooded	85	2	0.0-1.0-2.0	200	b	5	56	H1	0-5	SIL	11.6	68.9	19.5	2.50
								H2	5-60	SIL	9.3	66.7	24.0	0.25
203														
Cylinder, 32 to 40 inches to sand and gravel	95	1	0.0-1.0-2.0	200	c/d	3	48	Ap	0-8	SICL	19.0	53.0	28.0	4.50
								A1,A2	8-18	L	38.8	36.7	24.5	2.50
								Bg1,Bg2	18-28	CL	38.0	35.0	27.0	1.00
								2BC,2C1,2C2	28-80	GRV-LS	84.0	6.0	10.0	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 %
259														
Biscay, 32 to 40 inches to sand and gravel	95	2	0.0-1.0-2.0	200	c/d	3	86	Ap	0-7	CL	34.2	37.3	28.5	6.00
								A1,A2	7-20	L	36.7	37.3	26.0	4.00
								Bg1,Bg2	20-28	L	39.1	36.9	24.0	0.75
								2BCg	28-38	GR-L	42.7	38.3	19.0	0.25
								2Cg	38-80	GRV-COS	90.1	6.4	3.5	0.25
310														
Galva	95	1	0.0-1.0-2.0	200	c	5	48	Ap	0-6	SICL	4.0	64.0	32.0	4.00
								A	6-17	SICL	3.0	64.0	33.0	3.50
								Bw	17-31	SICL	5.0	66.0	29.0	1.50
								BC	31-45	SIL	11.0	67.0	22.0	0.25
								C	45-80	SIL	8.0	68.0	24.0	0.25
310B														
Galva	95	2	2.0-4.0-5.0	200	c	5	48	Ap	0-6	SICL	4.0	64.0	32.0	4.00
								A	6-17	SICL	3.0	64.0	33.0	3.50
								Bw	17-31	SICL	5.0	66.0	29.0	1.50
								BC	31-45	SIL	11.0	67.0	22.0	0.25
								C	45-79	SIL	8.0	68.0	24.0	0.25
310B2														
Galva, eroded	95	2	2.0-4.0-5.0	200	c	5	48	Ap	0-6	SICL	5.0	63.0	32.0	3.10
								BA	6-10	SICL	5.0	63.0	32.0	1.60
								Bw	10-31	SICL	5.0	66.0	29.0	1.50
								BC	31-45	SIL	11.0	67.0	22.0	0.25
								C	45-79	SIL	8.0	68.0	24.0	0.25
310C2														
Galva, eroded	85	3	5.0-7.0-9.0	200	c	5	48	Ap	0-6	SICL	5.0	63.0	32.0	3.10
								BA	6-10	SICL	5.0	63.0	32.0	1.60
								Bw	10-31	SICL	5.0	66.0	29.0	1.50
								BC	31-45	SIL	11.0	67.0	22.0	0.25
								C	45-79	SIL	8.0	68.0	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 %
311														
Galva, stratified substratum	100	1	0.0-1.0-2.0	200	c	5	48	Ap	0-6	SICL	4.0	64.0	32.0	4.00
								A	6-17	SICL	3.0	64.0	33.0	3.50
								Bw	17-31	SICL	5.0	66.0	29.0	1.50
								BC	31-45	SIL	11.0	67.0	22.0	0.25
								C	45-60	GR-SIL	8.0	68.0	24.0	0.25
311B														
Galva, stratified substratum	95	2	2.0-3.0-5.0	200	c	5	48	Ap	0-6	SICL	4.0	64.0	32.0	4.00
								A	6-17	SICL	3.0	64.0	33.0	3.50
								Bw	17-31	SICL	5.0	66.0	29.0	1.50
								BC	31-45	SIL	11.0	67.0	22.0	0.25
								C	45-60	GR-SIL	8.0	68.0	24.0	0.25
315														
Alluvial Land, occasionally flooded	85	5	0.0-1.0-2.0	200	a	5	134	H1	0-9	LS	84.9	9.1	6.0	1.25
								H2	9-60	LS	84.9	9.1	6.0	0.25
401C2														
Crofton, eroded	95	3	5.0-7.0-9.0	138	b	5	86	Ap	0-6	SIL	12.0	63.0	25.0	1.00
								AC	6-12	SIL	8.0	67.0	25.0	0.75
								C	12-80	SIL	10.0	66.0	24.0	0.25
401D2														
Crofton, eroded	95	3	9.0-12.0-14.0	98	b	5	86	Ap	0-6	SIL	12.0	63.0	25.0	1.00
								AC	6-12	SIL	8.0	67.0	25.0	0.75
								C	12-80	SIL	10.0	66.0	24.0	0.25
401E2														
Crofton, eroded	80	6	12.0-15.0-20.0	69	b	5	86	A	0-5	SIL	12.0	63.0	25.0	1.00
								AC	5-11	SIL	8.0	67.0	25.0	0.75
								C	11-80	SIL	10.0	66.0	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 %
410														
Moody	100	1	0.0-1.0-2.0	197	c	5	48	Ap	0-7	SICL	7.0	61.0	32.0	3.25
								A	7-12	SICL	6.0	62.0	32.0	2.25
								Bw	12-37	SICL	5.0	63.0	32.0	1.00
								BCk	37-46	SICL	8.0	64.0	28.0	0.50
								C	46-79	SIL	8.0	69.0	23.0	0.25
410B														
Moody	85	2	2.0-4.0-6.0	177	c	5	48	Ap	0-7	SICL	7.0	61.0	32.0	3.25
								A	7-12	SICL	6.0	62.0	32.0	2.25
								Bw	12-37	SICL	5.0	63.0	32.0	1.00
								BCk	37-46	SICL	8.0	64.0	28.0	0.50
								C	46-79	SIL	8.0	69.0	23.0	0.25
410B2														
Moody, eroded	93	2	2.0-4.0-6.0	177	c	5	48	Ap	0-4	SICL	7.0	61.0	32.0	3.00
								A	4-11	SICL	6.0	62.0	32.0	2.00
								Bw	11-33	SICL	5.0	63.0	32.0	1.00
								BCk	33-43	SICL	8.0	64.0	28.0	0.50
								C	43-79	SIL	8.0	69.0	23.0	0.25
410C2														
Moody, eroded	90	3	6.0-9.0-11.0	125	c	5	48	Ap	0-4	SICL	7.0	61.0	32.0	3.00
								A	4-11	SICL	6.0	62.0	32.0	2.00
								Bw	11-33	SICL	5.0	63.0	32.0	1.00
								BCk	33-43	SICL	8.0	64.0	28.0	0.50
								C	43-79	SIL	8.0	69.0	23.0	0.25
410D2														
Moody, eroded	90	3	11.0-14.0-17.0	79	c	5	48	Ap	0-4	SICL	7.0	61.0	32.0	3.00
								A	4-11	SICL	6.0	62.0	32.0	2.00
								Bw	11-33	SICL	5.0	63.0	32.0	1.00
								BCk	33-43	SICL	8.0	64.0	28.0	0.50
								C	43-79	SIL	8.0	69.0	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 %
411B														
Egan	90	2	2.0-4.0-5.0	200	c	5	48	Ap	0-7	SICL	6.9	62.1	31.0	4.00
								Bw	7-31	SICL	6.9	63.1	30.0	3.00
								Bk	31-34	SICL	6.9	63.1	30.0	1.20
								2Bk	34-42	CL	26.4	43.6	30.0	1.00
								2C	42-60	CL	26.4	43.6	30.0	0.60
411B2														
Egan, moderately eroded	95	2	2.0-4.0-5.0	200	c	5	48	Ap	0-7	SICL	6.9	62.1	31.0	3.20
								Bw	7-28	SICL	6.9	63.1	30.0	2.35
								Bk	28-34	SIL	8.6	61.4	30.0	1.50
								2Bk	34-40	CL	26.4	43.6	30.0	0.75
								2C	40-60	CL	26.4	43.6	30.0	0.25
411C2														
Egan, moderately eroded	95	3	5.0-7.0-9.0	151	c	5	48	Ap	0-7	SICL	6.9	62.1	31.0	3.20
								Bw	7-28	SICL	6.9	63.1	30.0	2.35
								Bk	28-34	SIL	8.6	61.4	30.0	1.50
								2Bk	34-40	CL	26.4	43.6	30.0	0.75
								2C	40-60	CL	26.4	43.6	30.0	0.25
411D2														
Egan, moderately eroded	100	3	9.0-12.0-14.0	151	c	5	48	Ap	0-7	SICL	6.9	62.1	31.0	3.20
								Bw	7-28	SICL	6.9	63.1	30.0	2.35
								Bk	28-34	SIL	8.6	61.4	30.0	1.50
								2Bk	34-40	CL	26.4	43.6	30.0	0.75
								2C	40-60	CL	26.4	43.6	30.0	0.25
430														
Ackmore, occasionally flooded	90	2	0.0-1.0-2.0	200	c/d	5	48	Ap	0-6	SIL	5.0	71.0	24.0	2.00
								C	6-25	SIL	5.0	69.0	26.0	2.00
								Ab	25-60	SICL	4.0	64.0	32.0	4.00

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 %
458														
Millington, occasionally flooded	90	2	0.0-1.0-2.0	200	b/d	5	86	H1	0-24	L	39.2	37.3	23.5	5.00
								H2	24-31	L	37.9	35.6	26.5	2.00
								H3	31-60	SR- SL SICL	40.0	33.5	26.5	1.05
486														
Davis, occasionally flooded	85	1	0.0-1.0-2.0	200	b	5	48	Ap	0-8	L	41.6	35.4	23.0	4.50
								BA,Bw	8-23	L	38.4	38.2	23.4	4.00
								Bw	23-47	SL	63.5	19.0	17.5	0.95
								Bk	47-80	L	37.6	42.6	19.8	0.55
505														
Sperry	100	3	0.0-0.5-1.0	200	d	3	48	Ap	0-8	SIL	26.5	53.5	20.0	3.50
								A	8-10	SIL	26.5	53.5	20.0	3.50
								E	10-17	SIL	26.5	53.5	20.0	0.75
								Btg1	17-28	SICL	6.9	58.1	35.0	0.75
								Btg2, Btg 3	28-47	SIC	6.9	51.6	41.5	0.75
								Btg4, Btg5	47-79	SICL	17.8	52.2	30.0	0.25

541C														
Estherville	50	4	5.0-7.0-9.0	151	b	2	56	Ap	0-7	L	50.0	35.0	15.0	2.00
								A,Bw1	7-18	SL	66.8	19.2	14.0	0.75
								2Bw2,2C	18-80	GR-COS	92.1	3.9	4.0	0.25
Salida	30	4	5.0-7.0-9.0	151	a	5	86	H1	0-5	SL	66.6	23.4	10.0	2.00
								H2	5-9	GR-LS	79.2	15.8	5.0	0.25
								H3	9-60	GRV-S	96.0	1.5	2.5	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 %
541D														
Estherville	70	4	9.0-12.0-14.0	151	b	2	56	Ap	0-7	L	50.0	35.0	15.0	2.00
								A,Bw1	7-18	SL	66.8	19.2	14.0	0.75
								2Bw2,2C	18-80	GR-COS	92.1	3.9	4.0	0.25
Salida	30	4	9.0-12.0-14.0	151	a	5	86	H1	0-5	SL	66.6	23.4	10.0	2.00
								H2	5-9	GR-LS	79.2	15.8	5.0	0.25
								H3	9-60	GRV-S	96.0	1.5	2.5	0.25
577B														
Everly	90	2	2.0-4.0-5.0	200	c	5	48	Ap	0-8	CL	34.2	37.3	28.5	3.50
								A	8-12	CL	34.2	37.3	28.5	3.00
								BA,Bw	12-26	CL	33.5	36.5	30.0	1.50
								2BC	26-80	CL	37.4	34.6	28.0	0.25
608														
Dempster, 24 to 32 inches to sand and gravel	100	2	0.0-1.0-2.0	200	c	3	48	Ap	0-6	SIL	9.5	67.5	23.0	4.50
								A	6-10	SIL	9.5	67.5	23.0	1.75
								Bw	10-24	SICL	7.1	65.9	27.0	0.50
								Bk	24-29	L	31.4	43.6	25.0	0.50
								2C	29-60	GR-S	95.5	1.5	3.0	0.25
608B														
Dempster, 24 to 32 inches to sand and gravel	100	2	2.0-4.0-5.0	200	c	3	48	Ap	0-6	SIL	9.5	67.5	23.0	4.50
								A	6-10	SIL	9.5	67.5	23.0	1.75
								Bw	10-24	SICL	7.1	65.9	27.0	0.50
								Bk	24-29	L	31.4	43.6	25.0	0.50
								2C	29-60	GR-S	95.5	1.5	3.0	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 %
608C2														
Dempster, moderately eroded	100	3	5.0-7.0-9.0	151	c	3	48	H1	0-14	SIL	9.5	67.5	23.0	3.20
								H2	14-24	SICL	7.1	64.9	28.0	1.85
								H3	24-28	L	31.4	41.6	27.0	0.75
								H4	28-60	GR-LS	80.7	16.3	3.0	0.25
658														
Mayer	95	2	0.0-1.0-2.0	200	b/d	5	86	Ap,A1,A2	0-18	L	39.1	36.9	24.0	6.00
								Bg1,Bg2,Bg3	18-33	SCL	58.2	17.8	24.0	0.75
								2C	33-80	GR-COS	70.0	11.0	19.0	0.75
710														
Wentworth	90	1	0.0-1.0-2.0	200	c	5	48	Ap	0-7	SICL	7.0	61.0	32.0	3.25
								Bw	7-28	SICL	5.0	63.0	32.0	1.00
								Bk	28-44	SICL	8.0	64.0	28.0	0.50
								C	44-79	SIL	8.0	69.0	23.0	0.25
710B														
Wentworth	90	2	2.0-4.0-6.0	180	c	5	48	Ap	0-7	SICL	7.0	61.0	32.0	3.25
								Bw	7-28	SICL	5.0	63.0	32.0	1.00
								Bk	28-44	SICL	8.0	64.0	28.0	0.50
								C	44-79	SIL	8.0	69.0	23.0	0.25
710C2														
Wentworth, moderately eroded	85	3	5.0-7.0-9.0	151	c	5	48	Ap	0-7	SICL	6.9	62.1	31.0	4.50
								Bw	7-26	SICL	6.9	63.1	30.0	3.00
								Bk	26-46	SICL	3.4	71.6	25.0	1.20
								C	46-79	SICL	3.2	73.8	23.0	0.60

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 %
733														
Calco, occasionally flooded	95	2	0.0-1.0-2.0	200	c/d	5	86	H1	0-38	SICL	6.9	62.6	30.5	6.00
								H2	38-54	SICL	6.7	60.8	32.5	4.00
								H3	54-60	SICL	7.1	64.9	28.0	2.00
785														
Spillco, occasionally flooded	85	2	0.0-1.0-2.0	200	b/d	5	86	H1	0-38	L	41.1	36.9	22.0	4.50
								H2	38-60	SR- SL CL	40.0	39.0	21.0	2.50
791														
Primghar Variant	90	1	0.0-1.0-2.0	200	c/d	5	86	H1	0-18	SICL	7.6	55.4	37.0	5.50
								H2	18-24	SICL	6.7	60.8	32.5	2.00
								H3	24-60	SIL	9.1	65.4	25.5	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 %
808														
Dempster, 32 to 40 inches to sand and gravel	100	1	0.0-1.0-2.0	200	c	3	48	Ap	0-6	SIL	9.5	67.5	23.0	4.50
								A	6-10	SIL	9.5	67.5	23.0	1.75
								Bw	10-29	SICL	7.1	65.9	27.0	0.50
								Bk	29-36	L	31.4	43.6	25.0	0.50
								2C	36-60	GR-S	95.5	1.5	3.0	0.25
808B														
Dempster, 32 to 40 inches to sand and gravel	100	2	2.0-4.0-5.0	200	c	3	48	Ap	0-6	SIL	9.5	67.5	23.0	4.50
								A	6-10	SIL	9.5	67.5	23.0	1.75
								Bw	10-29	SICL	7.1	65.9	27.0	0.50
								Bk	29-36	L	31.4	43.6	25.0	0.50
								2C	36-60	GR-S	95.5	1.5	3.0	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 %
878														
Ocheyedan	100	1	0.0-1.0-2.0	200	b	5	48	Ap	0-7	L	38.1	36.4	25.5	3.50
								A	7-14	L	38.1	36.4	25.5	2.50
								Bw	14-34	FSL	53.0	28.0	19.0	0.75
								2BC,2C	34-65	SIL	27.3	54.7	18.0	0.25
								3C	65-80	CL	27.3	44.7	28.0	0.25
878B														
Ocheyedan	85	2	2.0-4.0-5.0	200	b	5	48	Ap	0-7	L	38.1	36.4	25.5	3.50
								A	7-14	L	38.1	36.4	25.5	2.50
								Bw	14-34	FSL	53.0	28.0	19.0	0.75
								2BC,2C	34-65	SIL	27.3	54.7	18.0	0.25
								3C	65-80	CL	27.3	44.7	28.0	0.25
878B2														
Ocheyedan, moderately eroded	95	2	2.0-4.0-5.0	200	b	5	48	Ap	0-7	L	38.1	36.4	25.5	3.50
								A	7-14	L	38.1	36.4	25.5	2.50
								Bw	14-34	FSL	53.0	28.0	19.0	0.75
								2BC,2C	34-65	SIL	27.3	54.7	18.0	0.25
								3C	65-80	CL	27.3	44.7	28.0	0.25
878C2														
Ocheyedan, moderately eroded	90	3	5.0-7.0-9.0	151	b	5	48	Ap	0-7	L	38.1	36.4	25.5	3.50
								A	7-14	L	38.1	36.4	25.5	2.50
								Bw	14-34	FSL	53.0	28.0	19.0	0.75
								2BC,2C	34-65	SIL	27.3	54.7	18.0	0.25
								3C	65-80	CL	27.3	44.7	28.0	0.25
878D2														
Ocheyedan, moderately eroded	90	3	9.0-12.0-14.0	151	b	5	48	Ap	0-7	L	38.1	36.4	25.5	3.50
								A	7-14	L	38.1	36.4	25.5	2.50
								Bw	14-34	FSL	53.0	28.0	19.0	0.75
								2BC,2C	34-65	SIL	27.3	54.7	18.0	0.25
								3C	65-80	CL	27.3	44.7	28.0	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 %
890B														
Moody	90	2	2.0-4.0-5.0	200	c	5	48	Ap	0-10	SICL	6.9	61.1	32.0	4.00
								Bw	10-35	SICL	7.0	63.0	30.0	2.00
								Bk	35-48	SIL	9.1	65.9	25.0	1.25
								C	48-60	SIL	11.2	67.8	21.0	0.25
890B2														
Moody, moderately eroded	90	2	2.0-4.0-5.0	200	c	5	48	Ap	0-10	SICL	6.9	61.1	32.0	3.20
								Bw	10-35	SICL	7.0	63.0	30.0	2.00
								Bk	35-48	SIL	9.1	65.9	25.0	1.25
								C	48-60	SIL	11.2	67.8	21.0	0.25
890C2														
Moody, moderately eroded	90	3	5.0-7.0-9.0	151	c	5	48	Ap	0-10	SICL	6.9	61.1	32.0	3.20
								Bw	10-35	SICL	7.0	63.0	30.0	2.00
								Bk	35-48	SIL	9.1	65.9	25.0	1.25
								C	48-60	SIL	11.2	67.8	21.0	0.25
899														
Davis	90	1	0.0-1.0-2.0	200	b	5	48	Ap	0-8	SIL	24.8	52.7	22.5	4.50
								BA,Bw	8-23	SIL	24.8	52.7	22.5	4.00
								Bw	23-47	L	39.1	36.9	24.0	0.95
								Bk	47-80	L	39.8	37.7	22.5	0.55
910														
Trent	80	1	0.0-2.0-3.0	298	c	5	48	Ap	0-7	SICL	8.0	63.0	29.0	5.25
								A	7-17	SICL	5.0	64.0	31.0	3.50
								Bw	17-46	SICL	4.0	65.0	31.0	1.25
								Bk	46-59	SIL	10.0	72.0	18.0	0.25
								C	59-79	SIL	12.0	62.0	26.0	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 %
910B														
Trent	85	1	2.0-3.0-5.0	200	c	5	48	Ap	0-8	SICL	3.8	65.2	31.0	5.50
								A	8-23	SICL	3.5	65.5	31.0	3.00
								Bw	23-44	SICL	6.0	65.0	29.0	0.75

								Bk	44-59	SIL	9.1	65.9	25.0	0.50
								C	59-80	SIL	9.4	66.6	24.0	0.25
P10														
Afton, occasionally flooded	90	2	0.0-1.0-2.0	200	c/d	5	86	Ap	0-6	SICL	3.0	61.0	36.0	7.00
								A	6-32	SICL	4.0	61.0	35.0	3.50
								Bg	32-43	SICL	4.0	63.0	33.0	1.75
								2Cg1	43-65	CL	31.0	41.0	28.0	0.25
								2Cg2	65-79	L	35.0	42.0	23.0	0.25
T410														
Moody, terrace	100	1	0.0-1.0-2.0	197	c	5	48	Ap	0-7	SICL	7.0	61.0	32.0	3.25
								A	7-12	SICL	6.0	62.0	32.0	2.25
								Bw	12-37	SICL	5.0	63.0	32.0	1.00
								BCk	37-46	SICL	8.0	64.0	28.0	0.50
								C	46-79	SIL	8.0	69.0	23.0	0.25
T410B														
Moody, terrace	95	2	2.0-4.0-6.0	180	c	5	48	Ap	0-7	SICL	7.0	61.0	32.0	3.25
								A	7-12	SICL	6.0	62.0	32.0	2.25
								Bw	12-37	SICL	5.0	63.0	32.0	1.00
								BCk	37-46	SICL	8.0	64.0	28.0	0.50
								C	46-79	SIL	8.0	69.0	23.0	0.25