

Eddy
North Dakota

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Highly Erodible and
Potentially Highly Erodible
Land Calculator Ver. 1.1

Highly Erodible Land Classes

- 1= Highly Erodible Land
- 2= Potentially Highly Erodible
- 3= Not Highly Erodible

Map Symbol	Soil Name	%	WIND EROSION					WATER EROSION					Revised Water				
			C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent	Slope- -Length	LS- -Value	Water	HEL Class				
Ab	Aberdeen l	90	0.40	48	3	50	0.32	3	1	1	50	100	0.060	0.129	1.250	3	3
Ae	Aberdeen-Exline l	60	0.40	48	3	50	0.32	3	1	1	50	175	0.060	0.153	1.250	3	3
Ar	Arveson sl	30	0.40	48	3	50	0.28	3	1	1	50	175	0.060	0.153	1.429	3	3
As	Arvilla sl	90	0.40	86	1	50	0.24	4	1	1	80	150	0.066	0.146	2.222	3	3
AtA	Arvilla sl	90	0.40	86	1	50	0.20	3	1	1	50	150	0.060	0.146	2.000	3	3
Ava	Arvilla sl	90	0.40	86	1	50	0.20	3	1	1	50	150	0.060	0.146	2.000	3	3
AtB	Arvilla sl	90	0.40	86	1	50	0.20	3	3	3	50	100	0.233	0.672	2.000	3	3
AvB	Arvilla sl	90	0.40	86	1	50	0.20	3	3	3	50	100	0.233	0.672	2.000	3	3
AxC	Arvilla-Sioux sl	60	0.40	86	1	50	0.20	3	6	6	25	125	0.336	1.311	2.000	3	3
BaA	Barnes l	25	0.40	86	1	50	0.24	2	6	6	25	125	0.336	1.311	1.111	2	3
BaB	Barnes l	90	0.40	48	3	50	0.28	5	0	0	100	250	0.069	0.378	2.381	3	3
BaC	Barnes l	90	0.40	48	3	50	0.28	5	3	3	90	150	0.270	0.823	2.381	3	3
BbA	Barnes-Svea l	90	0.40	48	3	50	0.28	5	6	6	80	100	0.601	1.173	2.381	3	3
BbB	Barnes-Svea l	55	0.40	48	3	50	0.28	5	0	0	100	300	0.069	0.399	2.381	3	3
BcB	Barnes-Svea stony l	35	0.40	48	3	50	0.28	5	0	0	100	300	0.069	0.399	2.381	3	3
BdB	Barnes-Svea l	60	0.40	48	3	50	0.28	5	3	3	100	250	0.287	1.063	2.381	3	3
BcB	Barnes-Svea stony l	30	0.40	48	3	50	0.28	5	3	3	100	250	0.287	1.063	2.381	3	3
BdC	Barnes-Svea l	60	0.40	0	3	50	0.28	5	3	3	80	125	0.268	0.752	2.381	3	3
BdC	Barnes-Svea l	30	0.40	0	3	50	0.28	5	3	3	80	125	0.268	0.752	2.381	3	3
BdC	Barnes-Svea l	50	0.40	48	3	50	0.28	5	6	6	100	250	0.672	1.854	2.381	3	3
BdC	Barnes-Svea l	25	0.40	48	3	50	0.28	5	6	6	100	250	0.672	1.854	2.381	3	3
BeC	Barnes-Svea l	15	0.40	86	3	50	0.28	5	6	6	100	250	0.672	1.854	2.381	3	3
BeC	Barnes-Svea l	50	0.40	0	3	50	0.28	5	6	6	100	250	0.672	1.854	2.381	3	3
BeC	Barnes-Svea l	25	0.40	0	3	50	0.28	5	6	6	100	250	0.672	1.854	2.381	3	3
BeC	Barnes-Svea l	15	0.40	0	3	50	0.28	5	6	6	100	250	0.672	1.854	2.381	3	3
Bg	Bearden sil, saline	15	0.40	0	3	50	0.28	5	6	6	100	250	0.672	1.854	2.381	3	3
Bh	Binford sl	90	0.40	48	3	50	0.32	5	0	0	100	300	0.069	0.179	2.083	3	3
Bh	Binford sl	90	0.40	86	1	50	0.20	3	0	0	50	250	0.060	0.378	2.000	3	3
BkA	Binford sl	90	0.40	86	1	50	0.20	3	0	0	50	250	0.060	0.378	2.000	3	3
BkA	Binford sl	90	0.40	86	1	50	0.20	3	0	0	50	250	0.060	0.378	2.000	3	3
BkB	Binford sl	90	0.40	86	1	50	0.20	3	3	3	50	200	0.233	0.951	2.000	3	3
BkB	Binford sl	90	0.40	86	1	50	0.20	3	3	3	50	200	0.233	0.951	2.000	3	3
BIB	Binford sl	90	0.40	86	1	50	0.20	3	3	3	50	200	0.233	0.951	2.000	3	3
BmC	Binford-Coe sl	60	0.40	86	1	50	0.20	3	6	6	50	100	0.475	1.173	2.000	3	3
BmC	Binford-Coe sl	25	0.40	86	1	50	0.20	2	6	6	50	100	0.475	1.173	1.333	3	3
BmD	Binford-Coe sl	50	0.40	86	1	50	0.20	3	9	9	50	100	0.829	1.804	2.000	3	3
BmD	Binford-Coe sl	30	0.40	86	1	50	0.20	2	9	9	50	100	0.829	1.804	1.333	2	3
Bn	Borup sil	90	0.40	86	3	50	0.28	5	0	0	10	50	0.044	0.105	2.381	3	3
Bo	Borup and Marysland sil, very wet	50	0.40	0	3	50	0.28	5	0	0	10	10	0.038	0.065	2.381	3	3
Bo	Borup and Marysland sil, very wet	50	0.40	0	3	50	0.28	4	0	0	10	10	0.038	0.065	1.905	3	3
BpB	Borup and Vallery l	50	0.40	86	3	50	0.28	5	3	3	15	75	0.162	0.582	2.381	3	3
BpB	Borup and Vallery l	50	0.40	86	3	50	0.28	5	3	3	15	75	0.162	0.582	2.381	3	3
BrB	Brantford l	90	0.40	56	3	50	0.28	3	3	3	100	200	0.287	0.951	1.429	3	3
BrB	Brantford l	90	0.40	56	3	50	0.28	3	3	3	100	200	0.287	0.951	1.429	3	3
BsB	Brantford l	90	0.40	56	3	50	0.28	3	3	3	100	200	0.287	0.951	1.429	3	3
BtB	Brantford l	90	0.40	56	3	50	0.28	3	3	3	100	200	0.287	0.951	1.429	3	3
BsA	Brantford l	90	0.40	56	3	50	0.28	3	0	0	125	250	0.072	0.378	1.429	3	3
BsA	Brantford l	90	0.40	56	3	50	0.28	3	0	0	125	250	0.072	0.378	1.429	3	3
BtA	Brantford l	90	0.40	56	3	50	0.28	3	0	0	125	250	0.072	0.378	1.429	3	3
BuC	Brantford-	60	0.40	56	3	50	0.28	3	6	6	50	150	0.475	1.436	1.429	2	3

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Map Symbol	Soil Name	WIND EROSION					WATER EROSION						Revised Water					
		%	C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent	Slope- -Length	LS- -Value	8T/RK=	Water HEL Class	HEL Class				
	Coe I	25	0.40	56	1	50	0.20	2	6	9	50	150	0.475	1.436	1.333	2	3	
Bv	Brantford-Kensal I	50	0.40	56	3	50	0.28	3	0	1	100	300	0.069	0.179	1.429	3	3	
BwE	Buse-Barnes I	55	0.40	86	3	50	0.28	5	9	30	50	150	0.829	9.740	2.381	2	1	
BxD	Buse-Edgeley I	50	0.40	86	3	50	0.28	5	9	30	50	100	0.829	7.953	2.381	2	1	
ByE	Buse and Klotten I	50	0.40	86	3	50	0.28	5	6	25	50	100	0.475	5.890	2.381	2	1	
BzD	Buse-Sioux, and Zell soils	30	0.40	86	3	50	0.28	2	6	25	50	100	0.475	5.890	0.833	2	1	
		30	0.40	48	1	50	0.24	2	3	30	50	100	0.233	7.953	1.111	2	1	
Ba	Cathay I	30	0.40	86	3	50	0.86	5	3	30	50	100	0.233	7.953	0.775	2	1	
ChA	Cathay-Heimdal I	90	0.40	56	3	50	0.32	3	0	1	100	200	0.069	0.159	1.250	3	3	
		40	0.40	56	3	50	0.28	5	0	3	150	250	0.075	0.378	1.250	3	3	
ChB	Cathay-Heimdal I	40	0.40	56	3	50	0.32	3	3	3	100	200	0.287	0.954	1.250	3	3	
		40	0.40	56	3	50	0.80	5	3	3	100	200	0.287	0.954	2.381	3	3	
Cm	Cathay-Larson I	45	0.40	48	3	50	0.32	3	0	1	100	300	0.069	0.179	1.250	3	3	
		35	0.40	48	3	50	0.32	3	0	0	100	300	0.069	0.179	1.250	3	3	
Cn	Cavour-Cresbard I	45	0.40	48	3	50	0.37	3	0	1	100	250	0.069	0.170	1.081	3	3	
		35	0.40	8	3	50	0.32	3	0	0	100	250	0.069	0.170	1.250	3	3	
Co	Cavour and Vallers stony cl	50	0.40	0	3	50	0.37	3	0	1	90	150	0.068	0.146	1.081	3	3	
		50	0.40	0	3	50	0.28	5	0	0	90	150	0.068	0.146	2.381	3	3	
CpB	Cavour cl, shaly variant	90	0.40	48	3	50	0.37	3	3	3	50	150	0.233	0.823	1.081	3	3	
CrA	Claire lcos	90	0.40	134	1	50	0.15	5	0	0	3	50	0.060	0.324	4.444	3	3	
CrB	Claire lcos	90	0.40	134	1	50	0.15	5	3	3	50	90	0.233	0.630	4.444	3	3	
CrC	Claire cosl	90	0.40	86	3	50	0.15	5	0	0	1	50	0.060	0.146	4.444	3	3	
Ct	Claire-Lohnes-Hamar lcos	40	0.40	134	1	50	0.15	5	0	0	1	100	0.069	0.159	4.444	3	3	
		25	0.40	134	1	50	0.15	5	0	0	1	100	0.069	0.159	4.444	3	3	
Cu	Clontarf sl	20	0.40	134	1	50	0.17	5	0	0	1	100	0.069	0.159	3.922	3	3	
		90	0.40	86	1	50	0.20	4	0	0	1	100	0.069	0.159	2.667	3	3	
CvB	Coe sl	90	0.40	86	1	50	0.20	2	0	0	6	100	0.069	0.951	1.333	3	3	
CvD	Coe sl	90	0.40	86	1	50	0.20	2	6	6	25	90	0.638	7.214	1.333	2	1	
Cw	Colvin sicl	90	0.40	86	3	50	0.32	5	0	0	1	15	50	0.047	0.105	2.083	3	3
Cx	Colvin sicl, saline	90	0.40	86	3	50	0.32	5	0	0	1	15	50	0.047	0.105	2.083	3	3
Cy	Colvin sicl, very wet	90	0.40	0	3	50	0.32	5	0	0	1	15	15	0.038	0.073	2.083	3	3
Cz	Cresbard-Cavour	45	0.40	48	3	50	0.32	3	0	0	1	50	0.060	0.146	1.250	3	3	
		35	0.40	48	3	50	0.37	3	0	0	1	50	0.060	0.146	1.081	3	3	
DvA	Divide I	90	0.40	86	1	50	0.28	4	0	0	3	75	175	0.065	0.339	1.905	3	3
Dx	Divide I	90	0.40	86	1	50	0.28	4	0	0	3	75	175	0.065	0.339	1.905	3	3
Dy	Divide I	90	0.40	86	1	50	0.28	4	0	0	3	75	175	0.065	0.339	1.905	3	3
Dz	Divide I	90	0.40	86	1	50	0.28	4	0	0	3	75	175	0.065	0.339	1.905	3	3
DvB	Divide I	90	0.40	86	1	50	0.28	4	3	3	6	50	100	0.233	0.672	1.905	3	3
Dw	Divide I, saline	90	0.40	86	1	50	0.28	4	0	0	1	75	125	0.065	0.138	1.905	3	3
EaA	Eckman I	90	0.40	56	3	50	0.28	5	0	0	3	125	275	0.072	0.389	2.638	3	3
EaB	Eckman I	90	0.40	56	3	50	0.28	5	3	3	8	100	200	0.287	1.402	2.381	3	3
Eb	Edgeley I	90	0.40	48	3	50	0.28	4	0	0	1	100	200	0.069	0.159	1.905	3	3

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Map Symbol	Soil Name	%	WIND EROSION					WATER EROSION						Revised Water			
			C	I	HEL	R	K	T	Slope- -Percent		Slope- -Length		LS- -Value		Water	HEL	
			Value	Value	Class	Value	Value	Value	Min	Max	Min	Max	Min	Max	8T/RK=	HEL Class	Class
EcB	Edgeley and Cavour I	50	0.40	48	3	50	0.28	4	3	6	50	150	0.233	0.823	1.905	3	3
Ed	Edgeley I, gravelly variant	90	0.40	48	3	50	0.28	4	0	1	50	150	0.060	0.146	1.905	3	3
EaA	Egeland sl	90	0.40	86	3	50	0.20	5	0	3	100	200	0.069	0.353	3.333	3	3
Eg	Egeland sl	90	0.40	86	3	50	0.20	5	0	3	100	200	0.069	0.353	3.333	3	3
EhA	Egeland sl	90	0.40	86	3	50	0.20	5	0	3	100	200	0.069	0.353	3.333	3	3
EeC	Egeland sl	90	0.40	86	3	50	0.20	5	6	12	50	100	0.475	1.804	3.333	3	3
Ehb	Egeland fsl, till sub.	90	0.40	86	3	50	0.20	5	3	6	75	125	0.263	0.752	3.333	3	3
EmC	Egeland-Embden sl, till sub.	50	0.40	86	3	50	0.20	5	6	9	90	100	0.638	1.173	3.333	3	3
		30	0.40	86	3	50	0.20	5	6	9	90	100	0.638	1.173	3.333	3	3
EOB	Embden-Egeland sl	45	0.40	86	3	50	0.20	5	3	6	50	125	0.233	0.752	3.333	3	3
		35	0.40	86	3	50	0.20	5	3	6	50	125	0.233	0.752	3.333	3	3
EsA	Embden, Swenoda, and Heimdall fsl	30	0.40	86	3	50	0.20	5	0	3	100	250	0.069	0.378	3.333	3	3
		30	0.40	86	3	50	0.20	5	0	3	100	250	0.069	0.378	3.333	3	3
		30	0.40	86	3	50	0.28	5	0	3	100	250	0.069	0.378	2.381	3	3
EsB	Embden, Swenoda, and Heimdall fsl	30	0.40	86	3	50	0.20	5	3	6	100	200	0.287	0.951	3.333	3	3
		30	0.40	86	3	50	0.20	5	3	6	100	200	0.287	0.951	3.333	3	3
		30	0.40	86	3	50	0.20	5	3	6	100	200	0.287	0.951	3.333	3	3
Et	Emrick sl	90	0.40	86	3	50	0.28	5	0	1	100	300	0.069	0.179	2.381	3	3
Eu	Emrick I	90	0.40	56	3	50	0.28	5	0	1	100	300	0.069	0.179	2.381	3	3
EvD	Esmond, Coe, and Embden soils	30	0.40	48	3	50	0.28	5	6	25	50	100	0.475	5.890	2.381	2	1
		30	0.40	86	1	50	0.20	2	6	25	50	100	0.475	5.890	1.333	2	1
		30	0.40	86	3	50	0.20	5	6	25	50	100	0.475	5.890	3.333	2	3
Ew	Exline I	90	0.40	86	1	50	0.28	2	0	1	50	100	0.060	0.129	1.429	3	3
Fa	Fargo and Nutley sicl	50	0.40	86	3	50	0.32	5	0	1	80	125	0.066	0.138	2.083	3	3
		50	0.40	86	3	50	0.28	5	0	1	80	125	0.066	0.138	2.381	3	3
Fd	Fordville I	90	0.40	48	3	50	0.24	4	0	1	100	300	0.069	0.179	2.222	3	3
Fm	Fossum sl	90	0.40	86	3	50	0.15	5	0	1	50	150	0.060	0.146	4.444	3	3
Fo	Fossum I	90	0.40	56	3	50	0.15	5	0	1	50	150	0.060	0.146	4.444	3	3
Fp	Fossum and Hamar sl	50	0.40	86	3	50	0.15	5	0	1	50	150	0.060	0.146	4.444	3	3
		50	0.40	86	3	50	0.17	5	0	1	50	150	0.060	0.146	3.922	3	3
FrA	Fram I	90	0.40	86	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
FrB	Fram I	90	0.40	86	3	50	0.28	5	3	6	100	250	0.287	1.063	2.381	3	3
Fs	Fram I, saline	90	0.40	86	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
Fw	Fram and Wyndmere fsl	50	0.40	86	3	50	0.20	5	0	1	100	200	0.069	0.159	3.333	3	3
GaA	Gardena I	90	0.40	65	3	50	0.28	5	0	3	200	350	0.080	0.418	2.381	3	3
GaB	Gardena I	90	0.40	56	3	50	0.28	5	3	6	150	250	0.324	1.063	2.381	3	3
Gd	Glyndon I	90	0.40	86	3	50	0.28	5	0	1	100	300	0.069	0.179	2.381	3	3
Ge	Glyndon I, saline	90	0.40	86	3	50	0.28	5	0	1	100	300	0.069	0.179	2.381	3	3
Gp	Gravel pit		0.40	0		50											
Ha	Hamar ls	90	0.40	134	1	50	0.17	5	0	1	100	250	0.069	0.170	3.922	3	3
Hb	Hamar ls	90	0.40	134	1	50	0.17	5	0	1	100	250	0.069	0.170	3.922	3	3
Hc	Hamar sl	90	0.40	86	3	50	0.17	5	0	1	100	200	0.069	0.159	3.922	3	3
Hd	Hamar sl	90	0.40	86	3	50	0.17	5	0	1	100	200	0.069	0.159	3.922	3	3
HeA	Hamerly I	90	0.40	86	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
HeB	Hamerly I	90	0.40	86	3	50	0.28	5	3	6	100	200	0.287	0.951	2.381	3	3

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			C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent		Slope- -Length		LS- -Value		Water HEL Class	HEL Class	
Hf	Hamerly I, saline	90	0.40	86	3	50	0.28	5	0	1	100	300	0.069	0.179	2.381	3	3
HgA	Hamerly-Svea I	55	0.40	86	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
HgB	Hamerly-Svea I	35	0.40	56	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
HhA	Hecla ls	45	0.40	86	3	50	0.28	5	3	6	100	250	0.287	1.063	2.381	3	3
HhB	Hecla ls	35	0.40	48	3	50	0.28	5	3	6	100	250	0.287	1.063	2.381	3	3
HhC	Hecla ls	90	0.40	134	1	50	0.17	5	0	3	125	195	0.072	0.350	3.922	3	3
HhD	Hecla ls	90	0.40	134	1	50	0.17	5	3	6	100	150	0.287	0.823	3.922	3	3
HkA	Hecla sl	90	0.40	86	3	50	0.17	5	0	3	100	300	0.069	0.399	3.922	3	3
HkB	Hecla sl	90	0.40	86	3	50	0.17	5	3	6	100	250	0.287	1.063	3.922	3	3
HIB	Hecla-Dickey fsl	45	0.40	86	3	50	0.17	5	3	6	100	300	0.287	1.164	3.922	3	3
HIC	Hecla-Dickey fsl	40	0.40	86	3	50	0.17	5	3	6	100	300	0.287	1.164	3.922	3	3
Hm	Hecla-hamar ls	40	0.40	134	1	50	0.17	5	0	1	100	250	0.069	0.170	3.922	3	3
Hn	Hecla-hamar ls	35	0.40	134	1	50	0.17	5	0	1	100	250	0.069	0.170	3.922	3	3
HnA	Hecla-Maddock ls	65	0.40	134	1	50	0.17	5	0	3	100	300	0.069	0.399	3.922	3	3
HnB	Hecla-Maddock ls	25	0.40	134	1	50	0.17	5	0	3	100	300	0.069	0.399	3.922	3	3
HnB	Hecla-Maddock ls	50	0.40	134	1	50	0.17	5	3	6	100	300	0.287	1.164	3.922	3	3
HnB	Hecla-Maddock ls	40	0.40	134	1	50	0.17	5	3	6	100	300	0.287	1.164	3.922	3	3
HoA	Heimdal sl	90	0.40	86	3	50	0.28	5	0	3	100	250	0.069	0.378	2.381	3	3
HoB	Heimdal sl	90	0.40	86	3	50	0.28	5	3	6	100	250	0.287	1.063	2.381	3	3
Hoc	Heimdal sl	90	0.40	86	3	50	0.28	5	6	9	90	150	0.638	1.436	2.381	3	3
HpA	Heimdal I	90	0.40	56	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
HpB	Heimdal I	90	0.40	56	3	50	0.28	5	3	6	100	250	0.287	1.063	2.381	3	3
HpC	Heimdal I	90	0.40	56	3	50	0.28	5	6	9	100	200	0.672	1.659	2.381	3	3
HrD	Heimdal-Embden fsl	45	0.40	86	3	50	0.28	5	9	15	50	100	0.829	2.559	2.381	2	3
HrE	Heimdal-Embden fsl	35	0.40	86	3	50	0.20	5	9	15	50	100	0.829	2.559	3.333	3	3
HrE	Heimdal-Embden fsl	50	0.40	86	3	50	0.28	5	15	25	75	125	2.217	6.585	2.381	2	1
HrE	Heimdal-Embden fsl	30	0.40	86	3	50	0.20	5	15	25	75	125	2.217	6.585	3.333	2	1
HsA	Heimdal-Emrick I	50	0.40	56	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
HsB	Heimdal-Emrick I	30	0.40	56	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
HsB	Heimdal-Emrick I	45	0.40	56	3	50	0.28	5	3	6	150	250	0.324	1.063	2.381	3	3
HsB	Heimdal-Emrick I	35	0.40	56	3	50	0.28	5	3	6	150	250	0.324	1.063	2.381	3	3
HtC	Heimdal-Emrick-Esmond I	50	0.40	56	3	50	0.28	5	3	9	100	200	0.287	1.659	2.381	3	3
HtC	Heimdal-Emrick-Esmond I	25	0.40	56	3	50	0.28	5	3	9	100	200	0.287	1.659	2.381	3	3
HtD	Heimdal-Emrick-Esmond I	15	0.40	56	3	50	0.28	5	3	9	100	200	0.287	1.659	2.381	3	3
HtD	Heimdal-Emrick-Esmond I	45	0.40	56	3	50	0.28	5	9	15	90	150	1.113	3.135	2.381	2	3
HtE	Heimdal-Emrick-Esmond I	25	0.40	56	3	50	0.38	5	9	15	90	150	1.113	3.135	0.754	2	1
HtE	Heimdal-Emrick-Esmond I	25	0.40	56	3	50	0.28	5	9	15	90	150	1.113	3.135	2.381	2	3
HtE	Heimdal-Emrick-Esmond I	40	0.40	56	3	50	0.28	5	15	25	60	100	1.983	5.890	2.381	2	1
HtE	Heimdal-Emrick-Esmond I	25	0.40	56	3	50	0.28	5	15	25	60	100	1.983	5.890	2.381	2	1
HtE	Heimdal-Emrick-Esmond I	25	0.40	56	3	50	0.28	5	15	25	60	100	1.983	5.890	2.381	2	1
Ke	Kensal I	90	0.40	56	3	50	0.28	4	0	1	100	200	0.069	0.159	1.905	3	3
Kf	Kensal I	90	0.40	56	3	50	0.28	4	0	1	100	200	0.069	0.159	1.905	3	3
KoE	Kloten I	90	0.40	48	1	50	0.32	2	9	30	90	150	1.113	9.740	0.833	1	1
KsE	Kloten, Sioux, and Edgeley soils	40	0.40	48	1	50	0.32	2	12	25	50	100	1.275	5.890	0.833	1	1
KsE	Kloten, Sioux, and Edgeley soils	30	0.40	86	1	50	0.24	2	12	25	50	100	1.275	5.890	1.111	1	1
KsE	Kloten, Sioux, and Edgeley soils	25	0.40	48	3	50	0.28	4	12	25	50	100	1.275	5.890	1.905	2	1
Kt	Kratka fsl	90	0.40	86	3	50	0.17	5	0	1	100	200	0.069	0.159	3.922	3	3

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Map Symbol	Soil Name	%	WIND EROSION				WATER EROSION							Revised Water				
			C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent		Slope- -Length		LS- -Value		Water HEL Class	HEL Class		
La	LaDelle sicl	90	0.40	48	3	50	0.28	5	0	1	150	350	0.075	0.188	2.381	3	3	
Lb	Lallie sicl	90	0.40	86	3	50	0.37	5	0	1	100	200	0.069	0.159	1.802	3	3	
Le	Lamoure sicl	90	0.40	68	3	50	0.28	5	0	1	100	200	0.069	0.159	2.381	3	3	
Lm	Lamoure sicl, saline	90	0.40	86	3	50	0.28	5	0	1	100	200	0.069	0.159	2.381	3	3	
Ln	LaPrairie sil	90	0.40	48	3	50	0.28	5	0	1	100	200	0.069	0.159	2.381	3	3	
Lp	LaPrairie-Lamoure complex	50	0.40	48	3	50	0.28	5	0	1	150	250	0.075	0.170	2.381	3	3	
Lr	Larson I	90	0.40	48	3	50	0.32	3	0	1	90	150	0.068	0.146	1.250	3	3	
Ls	Lemert sl	90	0.40	86	1	50	0.32	3	0	1	50	150	0.060	0.146	1.250	3	3	
Lt	Letcher sl	90	0.40	86	1	50	0.24	3	0	1	90	150	0.068	0.146	1.667	3	3	
Lu	Letcher sl	90	0.40	86	1	50	0.24	3	0	1	90	150	0.068	0.146	1.667	3	3	
Lv	Lohnes lcos	90	0.40	134	1	50	0.15	5	0	1	100	300	0.069	0.179	4.444	3	3	
Lw	Lohnes cost	90	0.40	86	3	50	0.15	5	0	1	100	300	0.069	0.179	4.444	3	3	
Lx	Ludden sic	90	0.40	86	3	50	0.28	5	0	1	50	150	0.060	0.146	2.381	3	3	
Lz	Ludden-Lamoure complex	50	0.40	86	3	50	0.28	5	0	1	75	175	0.065	0.153	2.381	3	3	
MaA	Maddock ls	90	0.40	134	1	50	0.17	5	0	3	100	195	0.069	0.350	3.922	3	3	
MaB	Maddock ls	90	0.40	134	1	50	0.17	5	3	6	100	200	0.287	0.951	3.922	3	3	
MaC	Maddock ls	90	0.40	134	1	50	0.17	5	6	9	90	150	0.638	1.436	3.922	3	3	
MbA	Maddock sl	90	0.40	86	3	50	0.17	5	0	3	50	150	0.060	0.374	3.922	3	3	
MbC	Maddock sl	90	0.40	86	3	50	0.17	5	6	9	90	125	0.064	1.311	3.922	3	3	
MdB	Maddock-Dickey sl	40	0.40	86	3	50	0.17	5	0	6	50	150	0.060	0.823	3.922	3	3	
MdC	Maddock-Dickey sl	35	0.40	86	3	50	0.17	5	0	6	50	150	0.060	0.823	3.922	3	3	
MdC	Maddock-Dickey sl	45	0.40	86	3	50	0.17	5	6	6	50	100	0.475	1.173	3.922	3	3	
MdC	Maddock-Dickey sl	30	0.40	86	3	50	0.17	5	6	6	50	100	0.475	1.173	3.922	3	3	
MeD	Maddock-Serden lfs	50	0.40	134	1	50	0.17	5	9	9	30	50	100	0.829	7.953	3.922	2	1
MeD	Maddock-Serden lfs	40	0.40	134	1	50	0.15	5	9	9	30	50	100	0.829	7.953	4.444	2	3
MfD	Maddock-Serden-Hecla lfs	30	0.40	134	1	50	0.17	5	9	9	25	50	100	0.829	1.290	3.922	2	3
MfD	Maddock-Serden-Hecla lfs	30	0.40	134	1	50	0.15	5	9	9	25	50	100	0.829	5.890	4.444	2	3
MfD	Maddock-Serden-Hecla lfs	30	0.40	134	1	50	0.17	5	9	9	25	50	100	0.829	5.890	3.922	2	3
Mg	Madeland		0.40	0		50												
Mh	Marsh		0.40	0		50												
Mm	Marysland I	90	0.40	86	1	50	0.28	4	0	0	1	50	100	0.060	0.129	1.905	3	3
Mn	Marysland and Arveson I	50	0.40	86	1	50	0.28	4	0	0	1	50	100	0.060	0.129	1.905	3	3
Mn	Marysland and Arveson I	50	0.40	86	1	50	0.28	4	0	0	1	50	100	0.060	0.129	1.905	3	3
MwC	Minnewaukan lfs	90	0.40	134	1	50	0.15	4	6	6	9	25	75	0.336	1.016	3.556	3	3
Mx	Miranda-Cavour cl, shaly variant	50	0.40	48	3	50	0.32	3	0	0	1	50	100	0.060	0.129	1.230	3	3
Mx	Miranda-Cavour cl, shaly variant	40	0.40	48	3	50	0.37	3	0	0	1	50	100	0.060	0.129	1.081	3	3
Os	Osakis sl	90	0.40	86	1	50	0.28	3	0	0	1	100	200	0.069	0.159	1.429	3	3
Ot	Osakis sl	90	0.40	86	1	50	0.28	3	0	0	1	100	200	0.069	0.159	1.429	3	3
Ou	Osakis sl	90	0.40	86	1	50	0.28	3	0	0	1	100	200	0.069	0.159	1.429	3	3
Ov	Overly sicl	90	0.40	48	3	50	0.32	5	0	0	1	100	300	0.069	0.179	2.083	3	3
Pa	Parnell sicl	90	0.40	38	3	50	0.28	5	0	0	1	5	15	0.038	0.073	2.381	3	3
Pe	Peat		0.40	0		50												
Pr	Perella sicl	90	0.40	48	3	50	0.28	5	0	0	1	15	50	0.047	0.105	2.381	3	3
Ra	Rauville sicl	90	0.40	0	3	50	0.28	5	0	0	1	15	50	0.047	0.105	2.381	3	3
ReA	Renshaw I	90	0.40	48	3	50	0.28	3	0	0	3	50	150	0.060	0.324	1.429	3	3

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Map Symbol	Soil Name	%	WIND EROSION					WATER EROSION					Revised Water				
			C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent Min	Slope- -Length Max Min	LS- -Value Max	8T/RK=	HEL Class	Class			
Rn	Renshaw l	90	0.40	48	3	50	0.28	3	0	3	50	150	0.060	0.324	1.429	3	3
Rs	Renshaw l	90	0.40	48	3	50	0.28	3	0	3	50	150	0.060	0.324	1.429	3	3
Rt	Renshaw l	90	0.40	48	3	50	0.28	3	0	3	50	150	0.060	0.324	1.429	3	3
ReB	Renshaw l	90	0.40	48	3	50	0.28	3	3	6	50	150	0.233	0.823	1.429	3	3
Ry	Ryan sicl	90	0.40	86	1	50	0.28	3	0	1	15	50	0.047	0.105	1.429	3	3
Rz	Ryan and Lamoure sicl	50	0.40	86	1	50	0.28	3	0	1	50	150	0.060	0.146	1.429	3	3
Se	Serden-Hamar sl	35	0.40	134	1	50	0.15	5	0	1	50	125	0.060	0.138	4.444	3	3
SoB	Sioux gravelly l	90	0.40	86	1	50	0.24	2	0	6	50	150	0.060	0.823	1.111	3	3
SoE	Sioux gravelly l	90	0.40	86	1	50	0.24	2	6	25	50	100	0.475	5.890	1.111	2	1
Sp	Spottswood l	90	0.40	48	3	50	0.24	4	0	1	50	150	0.060	0.146	2.222	3	3
Sr	Spottswood l	90	0.40	48	3	50	0.24	4	0	1	50	150	0.060	0.146	2.222	3	3
Ss	Stirum sl	90	0.40	86	1	50	0.24	3	0	1	50	100	0.060	0.129	1.667	3	3
St	Svea l	90	0.40	48	3	50	0.28	5	0	1	100	300	0.069	0.179	2.381	3	3
Su	Svea l, cobbly variant	90	0.40	48	3	50	0.28	5	0	1	100	300	0.069	0.179	2.381	3	3
SvA	Svea-Barnes l	55	0.40	48	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
SvB	Svea-Barnes l	30	0.40	48	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
SvB	Svea-Barnes l	50	0.40	48	3	50	0.28	5	3	6	100	250	0.287	1.063	2.381	3	3
SvB	Svea-Barnes l	30	0.40	48	3	50	0.28	5	3	6	100	250	0.287	1.063	2.381	3	3
SvC	Svea-Buse-Barnes l	45	0.40	48	3	50	0.28	5	6	9	50	150	0.475	1.436	2.381	3	3
SvC	Svea-Buse-Barnes l	20	0.40	86	3	50	0.28	5	6	9	50	150	0.475	1.436	2.381	3	3
SvC	Svea-Barnes l	20	0.40	48	3	50	0.28	5	6	9	50	150	0.475	1.436	2.381	3	3
Sx	Svea-Cresbard l	50	0.40	48	3	50	0.28	5	0	1	100	200	0.069	0.159	2.381	3	3
Sx	Svea-Cresbard l	30	0.40	48	3	50	0.32	3	0	1	100	200	0.069	0.159	1.250	3	3
Sz	Swenoda-Embden fsl	40	0.40	86	3	50	0.20	5	0	1	100	250	0.069	0.170	3.333	3	3
Sz	Swenoda-Embden fsl	40	0.40	86	3	50	0.20	5	0	1	100	250	0.069	0.170	3.333	3	3
Tf	Tiffany sl	90	0.40	86	3	50	0.20	5	0	1	100	200	0.069	0.159	3.333	3	3
Tg	Tiffany sl	90	0.40	86	3	50	0.20	5	0	1	100	200	0.069	0.159	3.333	3	3
Tn	Tolha l	90	0.40	48	3	50	0.28	4	0	1	50	150	0.060	0.146	1.905	3	3
To	Tonka sil	90	0.40	48	3	50	0.32	5	0	1	5	15	0.038	0.073	2.083	3	3
Ts	Totten sl	90	0.40	86	1	50	0.24	3	0	1	25	75	0.053	0.118	1.667	3	3
Tt	Totten l	90	0.40	48	3	50	0.32	3	0	1	50	100	0.060	0.129	1.250	3	3
Tv	Totten l	90	0.40	48	3	50	0.32	3	0	1	50	100	0.060	0.129	1.250	3	3
Tu	Totten l, very wet	90	0.40	48	3	50	0.32	3	0	1	15	50	0.047	0.105	1.250	3	3
TwA	Towner fsl	90	0.40	86	3	50	0.17	5	0	3	100	300	0.069	0.399	3.922	3	3
TwB	Towner fsl	90	0.40	8	3	50	0.17	5	3	6	100	250	0.287	1.063	3.922	3	3
Tx	Towner-Dickey fsl	50	0.40	686	3	50	0.17	5	0	1	50	150	0.060	0.146	3.922	3	3
Tx	Towner-Dickey fsl	30	0.40	86	3	50	0.17	5	0	1	50	150	0.060	0.146	3.922	3	3
Va	Vallers l	90	0.40	86	3	50	0.28	5	0	1	100	250	0.069	0.170	2.381	3	3
Vn	Vang l	90	0.40	48	3	50	0.28	4	0	1	100	300	0.069	0.179	1.905	3	3
Vo	Venlo sl	90	0.40	0	3	50	0.20	5	0	1	50	100	0.060	0.129	3.333	3	3
Wa	Wahpeton sic	90	0.40	86	3	50	0.28	5	0	1	100	400	0.069	0.195	2.381	3	3
WbB	Walsh l	90	0.40	48	3	50	0.28	5	3	6	100	300	0.287	1.164	2.381	3	3
WbB	Walsh l	90	0.40	48	3	50	0.28	5	3	6	100	300	0.287	1.164	2.381	3	3
WbC	Walsh l	90	0.40	48	3	50	0.28	5	6	9	100	250	0.672	1.854	2.381	3	3
WcC	Walsh l	90	0.40	48	3	50	0.28	5	6	9	100	250	0.672	1.854	2.381	3	3

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			C	I	HEL	R	Slope- -Percent	Slope- -Length	LS- -Value	8T/RK=	Water	HEL	Class				
			Value	Value	Class	Value	Value	Value	Min	Max	Min	Max	Min	Max		HEL Class	Class
WcA	Walsh l	90	0.40	48	3	50	0.28	5	0	3	100	300	0.069	0.399	2.381	3	3
Wd	Walum sl	90	0.40	86	1	50	0.20	3	0	1	100	250	0.069	0.170	2.000	3	3
We	Walum sl	90	0.40	86	1	50	0.20	3	0	1	100	250	0.069	0.170	2.000	3	3
Wf	Warsing l	90	0.40	56	3	50	0.28	3	0	1	50	150	0.060	0.146	1.429	3	3
Wg	Warsing l	90	0.40	56	3	50	0.28	3	0	1	50	150	0.060	0.146	1.429	3	3
Wm	Warsing l	90	0.40	56	3	50	0.28	3	0	1	50	150	0.060	0.146	1.429	3	3
Wn	Wyard l	90	0.40	48	3	50	0.28	5	0	1	100	300	0.069	0.179	2.381	3	3
Wo	Wyndmere sl	90	0.40	86	3	50	0.20	5	0	1	50	150	0.060	0.146	3.333	3	3
Wp	Wyndmere sl	90	0.40	86	3	50	0.20	5	0	1	50	150	0.060	0.146	3.333	3	3
Wr	Wyrene sl	90	0.40	86	1	50	0.20	3	0	1	100	150	0.069	0.146	2.000	3	3
Ws	Wyrene sl	90	0.40	86	1	50	0.20	3	0	1	100	150	0.069	0.146	2.000	3	3
Wt	Wyrene-	55	0.40	86	1	50	0.20	3	0	1	100	150	0.069	0.146	2.000	3	3
	Totten sl	35	0.40	86	1	50	0.32	3	0	1	100	150	0.069	0.146	1.250	3	3