Grant County
North Dakota

07/15/87

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

			WIND EROSION			WATER EROSION											Revised Water
			C	I	HEL	R	K	T	Slope- -Percent		Slope- -Length		LS- -Value			Water	HEL
Map Symbol	Soil Name	%	Value	Value	Class	Value	Value	Value	Min	Max	Min	Max	Min	Max	8T/RK=	HEL Class	Class
1B	Amor	100	0.55	48	3	50	0.28	4	3	6	50	300	0.233	1.164	2.286	3	3
1C	Amor	85	0.55	48	3	50	0.28	4	6	9	50	300	0.475	2.031	2.286	3	3
3D	Amor	50	0.55	48	1	50	0.28	4	3	15	50	300	0.233	4.433	2.286	2	1
	Cabba	50	0.55	86	1	50	0.37	2	3	15	50	300	0.233	4.433	0.865	2	1
5D	Amor	55	0.55	48	1	50	0.28	4	9	15	50	300	0.829	4.433	2.286	2	1
	Cabba	45	0.55	86	1	50	0.37	2	9	15	100	300	1.173	4.433	0.865	1	1
6	Arnegard	90	0.55	48	3	50	0.28	5	1	3	50	300	0.105	0.399	2.857	3	3
6B	Arnegard	90	0.55	48	3	50	0.28	5	3	6	50	500	0.233	1.503	2.857	3	3
7	Banks	95	0.55	86	1	50	0.24	5	1	2	25	100	0.085	0.201	3.333	3	3
8	Breien	90	0.55	86	1	50	0.20	5	1	2	25	100	0.085	0.201	4.000	3	3
9	Bowdle	85	0.55	48	3	50	0.28	4	1	3	50	200	0.105	0.353	2.286	3	3
10F	Cabba	90	0.55	86	1	50	0.37	2	15	45	50	250	1.810	24.033	0.865	1	1
11F	Cabba	55	0.55	86	1	50	0.37	2	3	45	50	200	0.233	21.496	0.865	2	1
	Brandenburg	45	0.55	86	1	50	0.24	2	3	45	25	100	0.189	15.200	1.333	2	1
12C	Chama	65	0.55	86	1	50	0.32	4	6	9	100	400	0.672	2.346	2.000	2	3
	Cabba	35	0.55	86	1	50	0.37	2	6	9	50	300	0.475	2.031	0.865	2	3
12D	Chama	50	0.55	86	1	50	0.32	4	9	15	50	300	0.829	4.433	2.000	2	1
	Cabba	50	0.55	86	1	50	0.37	2	9	15	50	300	0.829	4.433	0.865	2	1
13F	Badland	65	0.55	86	1	50	0.37	2	3	120	50	200	0.233	69.993	0.865	2	1
	Cabba	35	0.55	86	1	50	0.37	2	3	75	50	200	0.233	43.732	0.865	2	1
15B	Daglum	80	0.55	48	1	50	0.32	3	1	6	50	300	0.105	1.164	1.500	3	3
19F	Cabba	85	0.55	86	1	50	0.37	2	15	45	50	250	1.810	24.033	0.865	1	1
20B	Desart	85	0.55	86	1	50	0.20	4	1	6	50	400	0.105	1.344	3.200	3	3
25C	Ekalaka	65	0.55	86	1	50	0.24	3	1	9	50	200	0.105	1.659	2.000	3	3
	Lemert	35	0.55	86	1	50	0.32	3	1	9	50	200	0.105	1.659	1.500	2	3
30F	Flasher	85	0.55	134	1	50	0.17	2	15	45	25	200	1.280	21.496	1.882	2	1
31F	Flasher	85	0.55	134	1	50	0.17	2	15	45	25	200	1.280	21.496	1.882	2	1
33	Arveson	85	0.55	86	1	50	0.24	4	1	2	50	100	0.105	0.201	2.667	3	3
35	Grail	85	0.55	38	3	50	0.32	5	1	3	50	700	0.105	0.514	2.500	3	3
37	Grail	45	0.55	38	3	50	0.32	5	1	3	50	700	0.105	0.514	2.500	3	3
	Belfield	30	0.55	48	3	50	0.32	3	1	3	50	700	0.105	0.514	1.500	3	3
	Daglum	25	0.55	48	3	50	0.32	3	1	3	50	700	0.105	0.514	1.500	3	3
40	Harriet	90	0.55	86	1	50	0.37	3	1	3	50	200	0.105	0.853	1.297	3	3
41	Heil	95	0.55	86	1	50	0.28	3	1	2	25	100	0.085	0.201	1.714	3	3
42	Lawther	90	0.55	86	1	50	0.32	5	1	3	50	700	0.105	0.514	2.500	3	3
44B	Lihen	90	0.55	134	1	50	0.17	5	1	6	50	200	0.105	0.951	4.706	3	3
48B	Koreau	60	0.55	86	1	50	0.32	4	3	6	50	500	0.233	1.503	2.000	3	3
48C	Koreau	100	0.55	86	1	50	0.32	4	6	9	50	300	0.475	2.031	2.000	2	3
52	Regan	85	0.55	86	1	50	0.32	5	1	3	50	200	0.105	0.953	2.500	3	3
53B	Regent	80	0.55	38	3	50	0.32	4	3	6	50	500	0.233	1.503	2.000	3	3
53C	Regent	90	0.55	38	3	50	0.32	4	6	9	50	250	0.475	1.854	2.000	3	3
54B	Regent	55	0.55	38	3	50	0.32	4	3	6	50	500	0.233	1.503	2.000	3	3
	Rhoades	30	0.55	38	3	50	0.32	3	3	6	50	100	0.233	0.672	1.500	3	3
54C	Regent	60	0.55	38	3	50	0.32	4	6	9	50	250	0.475	1.854	2.000	3	3
	Rhoades	30	0.55	38	3	50	0.32	3	6	9	50	100	0.475	1.173	1.500	3	3
55C	Rhoades	65	0.55	48	1	50	0.32	3	1	9	50	150	0.105	1.436	1.500	3	3
	Daglum	30	0.55	48	1	50	0.32	3	1	9	50	150	0.105	1.436	1.500	3	3

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			C	I	HEL	R	K	T	Slope- -Percent		Slope- -Length		LS- -Value			Water	Water HEL
Map Symbol	Soil Name	%	Value	Value	Class	Value	Value	Value	Min	Max	Min	Max	Min	Max	8T/RK=	HEL Class	Class
56B	Ruso	90	0.55	86	1	50	0.20	4	1	6	50	200	0.105	0.951	3.200	3	3
57B	Savage	90	0.55	38	3	50	0.37	5	2	6	50	500	0.163	1.503	2.162	3	3
59D	Seroco	55	0.55	134	1	50	0.15	5	3	15	25	100	0.189	2.559	5.333	3	3
	Blownout	20	0.55	134	1	50	0.15	5	3	15	25	100	0.189	2.559	5.333	3	3
60	Shambo	90	0.55	48	3	50	0.28	5	1	3	100	500	0.129	0.465	2.857	3	3
60B	Shambo	90	0.55	48	3	50	0.28	5	3	6	100	500	0.287	1.503	2.857	3	3
62B	Daglum	65	0.55	48	1	50	0.32	3	1	6	50	300	0.105	1.164	1.500	3	3
63	Straw	90	0.55	48	3	50	0.32	5	1	3	50	300	0.105	0.399	2.500	3	3
64	Straw	90	0.55	48	3	50	0.32	5	1	3	25	150	0.085	0.324	2.500	3	3
65B	Parshall	90	0.55	86	1	50	0.20	5	1	6	50	300	0.105	1.164	4.000	3	3
68C	Telfer	55	0.55	134	1	50	0.17	5	1	9	50	200	0.105	1.658	4.706	3	3
	Seroco	30	0.55	134	1	50	0.15	5	1	9	25	100	0.085	1.173	5.333	3	3
70B	Beisigl	40	0.55	134	1	50	0.17	4	1	6	50	200	0.105	0.951	3.765	3	3
	Lihen	30	0.55	134	1	50	0.17	5	1	6	50	200	0.105	0.951	4.706	3	3
	Flasher	15	0.55	134	1	50	0.17	2	1	6	50	100	0.105	0.672	1.682	3	3
70D	Beisigl	65	0.55	134	1	50	0.17	4	6	15	50	300	0.475	4.433	3.765	2	3
	Flasher	35	0.55	134	1	50	0.17	2	6	15	25	200	0.336	3.620	1.882	2	3
71B	Sen	90	0.55	48	3	50	0.32	4	3	6	100	400	0.287	1.344	2.000	3	3
80B	Vebar	65	0.55	86	1	50	0.20	4	1	6	50	300	0.105	1.164	3.200	3	3
	Parshall	35	0.55	86	1	50	0.20	5	1	6	50	300	0.105	1.164	4.000	3	3
80C	Vebar	80	0.55	86	1	50	0.20	4	6	9	50	300	0.475	2.031	3.200	3	3
83D	Vebar	100	0.55	86	1	50	0.20	4	6	15	50	300	0.475	4.433	3.200	2	3
84D	Vebar	70	0.55	86	1	50	0.20	4	6	15	50	300	0.475	4.433	3.200	2	3
	Flasher	30	0.55	134	1	50	0.17	2	6	15	25	200	0.336	3.620	1.882	2	3
90	Velva	80	0.55	86	1	50	0.20	5	1	3	25	100	0.085	0.287	4.000	3	3
91F	Schaller	70	0.55	86	1	50	0.20	5	3	45	50	300	0.233	26.327	4.000	2	1
	Cabba	30	0.55	86	1	50	0.37	2	3	45	50	300	0.233	26.327	0.865	2	1
101	Brisbane	85	0.55	48	3	50	0.28	4	1	3	100	400	0.129	0.435	2.286	3	3