Highly Erodible Soils Classification
Shannon County

Map Unit Symbol	Map Unit Name	Slope % Min	Slope % Max	Slope Length	LS factor Min	LS factor Max	R	K	T	Erod. Index Min	Erod. Index Max	Class
021B	Peridge sil	2	5	140	0.22	0.63	250	0.37	5	4.07	11.66	PHEL
021C	Peridge sil	5	9	140	0.63	1.40	250	0.37	5	11.66	25.90	HEL
021D	Peridge sil	9	14	140	1.40	2.80	250	0.37	5	25.90	51.80	HEL
031C	Baxter gr-sil	5	9	130	0.61	1.40	250	0.28	5	8.54	19.60	HEL
031D	Baxter gr-sil	9	14	130	1.40	2.60	250	0.28	5	19.60	36.40	HEL
041C	Clarksville gr-sil	3	9	150	0.32	1.40	250	0.28	3	7.47	32.67	PHEL
041D	Clarksville gr-sil	9	14	150	1.40	2.80	250	0.28	3	32.67	65.33	HEL
041F	Clarksville grv-sil	14	35	150	2.80	12.00	250	0.28	3	65.33	280.00	HEL
043D	Coulstone gr-l	5	14	130	0.61	2.60	250	0.24	3	12.20	52.00	HEL
043F	Coulstone gr-l	14	35	130	2.60	11.00	250	0.24	3	52.00	220.00	HEL
046C	Doniphan gr-sil	3	9	110	0.30	1.20	250	0.28	5	4.20	16.80	PHEL
046D	Doniphan gr-sil	9	14	110	1.20	2.40	250	0.28	5	16.80	33.60	HEL
046E	Doniphan gr-sil	14	30	110	2.40	8.00	250	0.28	5	33.60	112.00	HEL
047F	Goss grv-sil	20	60	180	5.50	30.00	250	0.10	2	68.75	375.00	HEL
049C	Gatewood gr-sil	3	9	160	0.33	1.50	250	0.32	3	8.80	40.00	HEL
049D	Gatewood gr-sil	9	14	160	1.50	3.00	250	0.32	3	40.00	80.00	HEL
049E	Gatewood gr-sil	14	35	160	3.00	13.00	250	0.32	3	80.00	346.67	HEL
056C	Wilderness gr-sil	3	9	180	0.34	1.60	250	0.28	2	11.90	56.00	HEL
056D	Wilderness gr-sil	9	14	180	1.60	3.00	250	0.28	2	56.00	105.00	HEL
084B	Hobson loam	2	5	140	0.22	0.63	250	0.37	4	5.09	14.57	PHEL
084C2	Hobson loam, eroded	5	9	140	0.63	1.40	250	0.37	4	14.57	32.38	HEL
086B	Lebanon sil	2	5	180	0.24	0.72	250	0.43	4	6.45	19.35	PHEL
086C	Lebanon sil	5	9	180	0.72	1.60	250	0.43	4	19.35	43.00	HEL
088B	Tonti sil	2	5	200	0.25	0.76	250	0.37	3	7.71	23.43	PHEL
088C	Tonti sil	5	9	200	0.76	1.70	250	0.37	3	23.43	52.42	HEL
091A	Needleye sil	1	3	180	0.15	0.34	250	0.37	4	3.47	7.86	NHEL
9A	Bado sil	0	2	250	0.10	0.26	250	0.43	3	3.58	9.32	PHEL
9B	Bado sil	2	5	250	0.26	0.85	250	0.43	3	9.32	30.46	HEL
13E	Gasconade fl-sicl	2	25	180	0.24	8.00	250	0.20	2	6.00	200.00	PHEL
134F	Gasconade - Rock											
	Outcrop Complex											
	Gasconade fl-sicl	2	60	180	0.24	5.50	250	0.20	2	6.00	137.50	PHEL
192A	Elk sil	0	3	40	0.06	0.22	250	0.37	5	1.11	4.07	NHEL
200C	Viburnum sil	3	9	200	0.35	1.70	250	0.37	4	8.09	39.31	HEL
200D	Viburnum sil	9	14	200	1.70	3.00	250	0.37	4	39.31	69.38	HEL
257B	Hartville sil	1	4	120	0.14	0.43	250	0.43	3	5.02	15.41	PHEL
640A	Kaintuck fsl	0	2	200	0.10	0.25	250	0.24	5	1.20	3.00	NHEL
662A	Nolin sil	0	2	100	0.08	0.2	250	0.43	5	1.72	4.30	NHEL
762A	Newark sil	0	2	180	0.1	0.24	250	0.43	5	2.15	5.16	NHEL
92A	Cedargap gr-sil	0	2	80	0.08	0.19	250	0.24	5	0.96	2.28	NHEL
932A	Midco gr-sil	0	3	80	0.08	0.27	250	0.28	5	1.12	3.78	NHEL
936B	Secesh gr-l	1	4	200	0.16	0.53	250	0.32	4	3.20	10.60	PHEL

Highly Erodible Soils Classification
Shannon County - USFS Mapping

Map Unit Symbol	Map Unit Name	Slope % Min	Slope % Max	Slope Length	LS factor Min	LS factor Max	R	K	T	Erod. Index Min	Erod. Index Max	Class
Aa	Alluvial Land Loamy	0	2	150	0.09	0.23	250	0.24	5	1.08	2.76	NHEL
Am	Alluvial Land Loamy	0	2	150	0.09	0.23	250	0.24	5	1.08	2.76	NHEL
AtB	Ashton sil	1	4	150	0.15	0.47	250	0.32	5	2.40	7.52	NHEL
CbB	Captina sil	2	8	130	0.22	1.20	250	0.43	3	7.88	43.00	PHEL
CaB	Captina sil,mod.shal	2	8	130	0.22	1.20	250	0.43	3	7.88	43.00	PHEL
CbD	Captina sil,mod.shal	8	14	120	1.00	2.60	250	0.43	3	35.83	93.17	HEL
CcB	Claiborne sil	2	8	130	0.22	1.20	250	0.37	5	4.07	22.20	PHEL
CcD	Claiborne sil	8	14	120	1.00	2.60	250	0.37	5	18.50	48.10	HEL
CdB	Clarksville gr-sil	2	8	130	0.22	1.20	250	0.28	3	5.13	28.00	PHEL
CdD	Clarksville gr-sil	8	14	120	1.00	2.60	250	0.28	3	23.33	60.67	HEL
CdE	Clarksville gr-sil	14	35	100	2.20	11.00	250	0.28	3	51.33	256.67	HEL
CdF	Clarksville gr-sil	35	60	100	11.00	23.00	250	0.28	3	256.67	536.67	HEL
ChB	Coulstone gr-fsl	2	8	150	0.23	1.20	250	0.24	3	4.60	24.00	PHEL
ChD	Coulstone gr-fsl	8	14	120	1.00	2.60	250	0.24	3	20.00	52.00	HEL
ChE	Coulstone gr-fsl	14	35	100	2.20	11.00	250	0.24	3	44.00	220.00	HEL
ChF	Coulstone gr-fsl	35	60	100	11.00	23.00	250	0.24	3	220.00	460.00	HEL
CvD	Coulstone-Clrksvle											
	Rockland Complex											
	Coulstone gr-fsl	8	14	120	1.00	2.60	250	0.24	3	20.00	52.00	HEL
	Clarksville gr-sil	8	14	120	1.00	2.60	250	0.28	3	23.33	60.67	HEL
CvE	Coulstone-Clrksvle											
	Rockland Complex											
	Coulstone gr-fsl	14	35	100	2.20	11.00	250	0.24	3	44.00	220.00	HEL
	Clarksville gr-sil	14	35	100	2.20	11.00	250	0.28	3	51.33	256.67	HEL
CvF	Coulstone-Clrksvle											
	Rockland Complex											
	Coulstone gr-fsl	35	60	100	11.00	23.00	250	0.24	3	220.00	460.00	HEL
	Clarksville gr-sil	35	60	100	11.00	23.00	250	0.28	3	256.67	536.67	HEL
DoB	Doniphan gr-sil	2	8	130	0.22	1.20	250	0.28	5	3.08	16.80	PHEL
DoD	Doniphan gr-sil	8	14	120	1.00	2.60	250	0.28	5	14.00	36.40	HEL
DoE	Doniphan gr-sil	14	35	100	2.20	11.00	250	0.28	5	30.80	154.00	HEL
MaB	Macedonia sil	2	8	150	0.23	1.20	250	0.37	5	4.26	22.20	PHEL
MaD	Macedonia sil	8	14	120	1.00	2.60	250	0.37	5	18.50	48.10	HEL
MdB	Midco gr-loam	1	4	150	0.15	0.47	250	0.28	5	2.10	6.58	NHEL
NeA	Newark sil	0	2	150	0.09	0.23	250	0.43	5	1.94	4.95	NHEL
OpD	Opequon gr-sicl	8	14	120	1.00	2.60	250	0.32	1	80.00	208.00	HEL
OpE	Opequon gr-sicl	14	35	100	2.20	11.00	250	0.32	1	176.00	880.00	HEL
OpF	Opequon gr-sicl	35	60	100	11.00	23.00	250	0.32	1	880.00	1840.00	HEL
PyB	Poynor gr-sil	2	8	130	0.22	1.20	250	0.28	5	3.08	16.80	PHEL
PyD	Poynor gr-sil	8	14	120	1.00	2.60	250	0.28	5	14.00	36.40	HEL
PyE	Poynor gr-sil	14	35	100	2.20	11.00	250	0.28	5	30.80	154.00	HEL
PyF	Poynor gr-sil	35	60	100	11.00	23.00	250	0.28	5	154.00	322.00	HEL
RoD	Rockland	8	14									
RoE	Rockland	14	35									
RoF	Rockland	35	60									
SeB	Secesh loam	1	4	150	0.15	0.47	250	0.32	4	3.00	9.40	PHEL
VcB	Viraton sil	2	8	130	0.22	1.20	250	0.43	4	5.91	32.25	PHEL
WdB	Wilderness gr-sil	2	8	130	0.22	1.20	250	0.28	2	7.70	42.00	PHEL
WdD	Wilderness gr-sil	8	14	120	1.00	2.60	250	0.28	2	35.00	91.00	HEL

Russell C. Dell 11 JA 64