

Highly Erodible Soils Classification
Cape Girardeau, County

Map Unit :		Slope %		Slope	LS factor		R	K	T	Erod. Index		Class:
Symbol	Map Unit Name	Min	Max	Length	Min	Max				Min	Max	
11C	Peridge sil	5	9	100	0.54	1.10	250	0.37	5	9.99	20.35	HEL
11D	Peridge sil	9	14	110	1.20	2.40	250	0.37	5	22.20	44.40	HEL
11E	Peridge sil	14	20	100	2.2	4	250	0.37	5	40.70	74.00	HEL
12A	Elsah sil	0	3	113	0.08	0.30	250	0.37	3	2.47	9.25	PHEL
13	Haymond sil	0	2	88	0.08	0.19	250	0.37	5	1.48	3.52	NHEL
14E	Holstein loam	14	20	120	2.60	4.50	250	0.32	5	41.60	72.00	HEL
15B	Iva sil	2	6	121	0.21	0.74	250	0.43	5	4.52	15.91	PHEL
16B	Menfro sil	2	5	130	0.22	0.61	250	0.37	5	4.07	11.29	PHEL
16C	Menfro sil	5	9	130	0.61	1.40	250	0.37	5	11.29	25.90	HEL
16D	Menfro sil	9	14	120	1.30	2.60	250	0.37	5	24.05	48.10	HEL
16E	Menfro sil	14	30	100	2.20	8.00	250	0.37	5	40.70	148.00	HEL
17F	Menfro-Clarksville	20	60									
	Menfro sil	20	60	100	4.00	23.00	250	0.37	5	74.00	425.50	HEL
	Clarksville gr-sil	20	60	100	4.00	23.00	250	0.28	3	93.33	536.67	HEL
18D	Menfro-Bucklick sil	9	14									
	Menfro sil	9	14	120	1.30	2.60	250	0.37	5	24.05	48.10	HEL
	Bucklick sil	9	14	120	1.30	2.60	250	0.32	4	26.00	52.00	HEL
18E	Menfro-Bucklick sil	14	20									
	Menfro sil	14	20	100	2.20	4.00	250	0.37	5	40.70	74.00	HEL
	Bucklick sil	14	20	100	2.20	4.00	250	0.32	4	44.00	80.00	HEL
19D	Menfro-Holstein sil	9	14									
	Menfro sil	9	14	120	1.30	2.60	250	0.37	5	24.05	48.10	HEL
	Holstein sil	9	14	120	1.30	2.60	250	0.32	5	20.80	41.60	HEL
19E	Menfro-Holstein sil	14	20									
	Menfro sil	14	20	100	2.20	4.00	250	0.37	5	40.70	74.00	HEL
	Holstein sil	14	20	100	2.20	4.00	250	0.32	5	35.20	64.00	HEL
20E	Poynor gr-sil	14	30	101	2.20	8.00	250	0.28	5	30.80	112.00	HEL
21D	Menfro-Bucklick sil,											
	Karst	5	20									
	Menfro sil, Karst	5	20	100	0.54	4.00	250	0.37	5	9.99	74.00	HEL
	Bucklick sil, Karst	5	20	100	0.54	4.00	250	0.32	4	10.80	80.00	HEL
22	Wilbur sil	0	2	86	0.08	0.19	250	0.37	5	1.48	3.52	NHEL
23	Wakeland sil	0	2	98	0.08	0.20	250	0.37	5	1.48	3.70	NHEL
31	Adler sil	0	2	144	0.09	0.22	250	0.43	5	1.94	4.73	NHEL
32	Allemands muck	0	2	195	0.10	0.25	250	0.32	5	1.60	4.00	NHEL
36	Bosket fsl	0	2	205	0.10	0.25	250	0.24	5	1.20	3.00	NHEL
41A	Caruthersville vfst	0	3	123	0.09	0.3	250	0.37	5	1.67	5.55	NHEL
42	Commerce sicl	0	2	168	0.09	0.33	250	0.37	5	1.67	6.11	NHEL
44	Crevasse soils	0	2	181	0.10	0.24	250	0.1	5	0.50	1.20	NHEL
46	Dubbs sil	0	2	179	0.10	0.24	250	0.37	5	1.85	4.44	NHEL
47	Dundee sil	0	2	215	0.10	0.25	250	0.43	5	2.15	5.38	NHEL
48	Farrenburg fsl	0	2	180	0.10	0.24	250	0.32	5	1.60	3.84	NHEL
49	Jackport sicl	0	2	95	0.08	0.20	250	0.37	5	1.48	3.70	NHEL
50	Lilbourn fsl	0	2	98	0.08	0.20	250	0.24	5	0.96	2.40	NHEL

Highly Erodible Soils Classification cont.
 Cape Girardeau, County

Map Unit Symbol	Map Unit Name	Slope %		Slope Length	LS factor		R	K	T	Erod. Index		Class
		Min	Max		Min	Max				Min	Max	
52C	Memphis sil	5	9	113	0.56	0.86	250	0.37	5	10.36	15.91	HEL
52D3	Memphis sil, sev. Er	9	14	110	1.20	2.40	250	0.37	5	22.20	44.40	HEL
52E3	Memphis sil, sev. Er	14	20	110	2.40	4.50	250	0.37	5	44.40	83.25	HEL
53	Mhoon sil	0	2	226	0.10	0.26	250	0.43	5	2.15	5.59	NHEL
55	Roellen clay	0	2	170	0.10	0.23	250	0.32	5	1.60	3.68	NHEL
58	Sharkey sic	0	2	196	0.10	0.25	250	0.32	5	1.60	4.00	NHEL
61	Sikeston loam	0	2	143	0.09	0.22	250	0.24	5	1.08	2.64	NHEL
66	Wardell loam	0	2	229	0.10	0.26	250	0.37	5	1.85	4.81	NHEL
70	Falaya sil	0	2	180	0.10	0.24	250	0.49	5	2.45	5.88	NHEL

Quinn C. Gills 11-09-54