Highly Erodible Soils Classification
Perry 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 | Land Class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1C | Menfro sil | 3 | 9 | 100 | 0.29 | 1.20 | 250 | 0.37 | 5 | 5.37 | 22.20 | PHEL | 3e |
| 1D2 | Menfro sil, eroded | 9 | 14 | 100 | 1.20 | 2.20 | 250 | 0.37 | 5 | 22.20 | 40.70 | HEL | 4e |
| 1E2 | Menfro sil, eroded | 14 | 30 | 80 | 2.00 | 7.00 | 250 | 0.37 | 5 | 37.00 | 129.50 | HEL | 6e |
| 1F | Menfro sil | 30 | 50 | 80 | 7.00 | 16.00 | 250 | 0.37 | 5 | 129.50 | 296.00 | HEL | 7e |
| 2F | Menfro-Clrksvl Cmplx | | | | | | | | | | | | |
| | Menfro sil | 20 | 60 | 80 | 3.50 | 21.00 | 250 | 0.37 | 5 | 64.75 | 388.50 | HEL | 7e |
| | Clarksville grv-sil | 20 | 60 | 80 | 3.50 | 21.00 | 250 | 0.28 | 3 | 81.67 | 490.00 | HEL | 7s |
| 3C | Menfro sil, Karst | 2 | 8 | 95 | 0.2 | 0.99 | 250 | 0.37 | 5 | 3.70 | 18.32 | PHEL | 2e |
| 3D2 | Menfro sil,erod.Krst | 8 | 14 | 100 | 0.99 | 2.20 | 250 | 0.37 | 5 | 18.32 | 40.70 | HEL | 3e |
| 3E2 | Menfro sil,erod.Krst | 9 | 35 | 80 | 0.95 | 9.00 | 250 | 0.37 | 5 | 17.58 | 166.50 | HEL | 6e |
| 4D2 | Menfro-Buklick Cmplx | | | | | | | | | | | | |
| | Menfro sil | 9 | 14 | 100 | 1.20 | 2.20 | 250 | 0.37 | 5 | 22.20 | 40.70 | HEL | 4e |
| | Bucklick sil | 9 | 14 | 100 | 1.20 | 2.20 | 250 | 0.32 | 4 | 24.00 | 44.00 | HEL | 4e |
| 4E | Menfro-Buklick Cmplx | | | | | | | | | | | | |
| | Menfro sil | 14 | 20 | 80 | 2.00 | 3.50 | 250 | 0.37 | 5 | 37.00 | 64.75 | HEL | 6e |
| | Bucklick sil | 14 | 20 | 80 | 2.00 | 3.50 | 250 | 0.32 | 5 | 32.00 | 56.00 | HEL | 6e |
| 5C | Minnith sil | 3 | 9 | 100 | 0.29 | 1.20 | 250 | 0.37 | 5 | 5.37 | 22.20 | PHEL | 3e |
| 7E2 | Mnfro-Caneyville Cplx | | | | | | | | | | | | |
| | Menfro sil | 5 | 20 | 100 | 0.54 | 4.00 | 250 | 0.37 | 5 | 9.99 | 74.00 | HEL | 6e |
| | Caneyville sil | 5 | 20 | 100 | 0.54 | 4.00 | 250 | 0.37 | 3 | 16.65 | 123.33 | HEL | 6e |
| 8D2 | Minnith-Lily Complx | | | | | | | | | | | | |
| | Minnith sil | 9 | 14 | 100 | 1.20 | 2.20 | 250 | 0.37 | 5 | 22.20 | 40.70 | HEL | 4e |
| | Lily loam | 9 | 14 | 100 | 1.20 | 2.20 | 250 | 0.28 | 2 | 42.00 | 77.00 | HEL | 6e |
| 9C | Hildebrecht sil | 3 | 9 | 100 | 0.29 | 1.20 | 250 | 0.43 | 4 | 7.79 | 32.25 | PHEL | 3e |
| 9D | Hildebrecht sil | 9 | 14 | 100 | 1.20 | 2.20 | 250 | 0.43 | 4 | 32.25 | 59.13 | HEL | 4e |
| 10F | Mnfro-Canyvle-Rubble | | | | | | | | | | | | |
| | Menfro sil | 20 | 60 | 80 | 3.50 | 21.00 | 250 | 0.37 | 5 | 64.75 | 388.50 | HEL | 6e |
| | Caneyville sil | 20 | 60 | 80 | 3.50 | 21.00 | 250 | 0.43 | 3 | 125.42 | 752.50 | HEL | 6e |
| | Rubble Land | 20 | 60 | 80 | 3.50 | 21.00 | 250 | | | ERR | ERR | ERR | |
| 11E | Goss gr-sil | 14 | 35 | 75 | 2.00 | 9.00 | 250 | 0.24 | 2 | 60.00 | 270.00 | HEL | 7s |
| 12E | Lily-Minnith Complex | 14 | 30 | 80 | | | | | | | | | |
| | Lily loam | 14 | 30 | 80 | 2.00 | 7.00 | 250 | 0.28 | 2 | 70.00 | 245.00 | HEL | 6e |
| | Minnith sil | 14 | 30 | 80 | 2.00 | 7.00 | 250 | 0.37 | 5 | 37.00 | 129.50 | HEL | 6e |
| 15E | Gasconade st-sicl | 9 | 35 | 50 | 0.81 | 7.20 | 250 | 0.20 | 2 | 20.25 | 180.00 | HEL | 7e |
| 18C | Weller sil | 3 | 9 | 100 | 0.29 | 1.20 | 250 | 0.37 | 3 | 8.94 | 37.00 | HEL | 3e |
| 19C | Weingarten sil | 3 | 9 | 100 | 0.29 | 1.20 | 250 | 0.37 | 5 | 5.37 | 22.20 | PHEL | 3e |
| 19D | Weingarten sil | 9 | 14 | 100 | 1.20 | 2.20 | 250 | 0.37 | 5 | 22.20 | 40.70 | HEL | 4e |
| 20 | Wilbur sil | 0 | 3 | 86 | 0.08 | 0.27 | 250 | 0.37 | 5 | 1.48 | 5.00 | NHEL | 2e |
| 21 | Haymond sil | 0 | 2 | 88 | 0.08 | 0.19 | 250 | 0.37 | 5 | 1.48 | 3.52 | NHEL | 2e |
| 24A | Elsah loam | 0 | 3 | 113 | 0.08 | 0.3 | 250 | 0.37 | 3 | 2.47 | 9.25 | PHEL | 2w |
| 25A | Midco grv-sl | 0 | 3 | 71 | 0.08 | 0.26 | 250 | 0.24 | 5 | 0.96 | 3.12 | NHEL | 3w |
| 26A | Auxvasse sil | 0 | 3 | 150 | 0.09 | 0.32 | 250 | 0.43 | 3 | 3.23 | 11.47 | PHEL | 3w |
| 27A | Ashton sil | 0 | 2 | 128 | 0.09 | 0.22 | 250 | 0.32 | 5 | 1.44 | 3.52 | NHEL | 1 |
| 28A | Freeburg sil | 0 | 3 | 158 | 0.09 | 0.33 | 250 | 0.37 | 5 | 1.67 | 6.11 | NHEL | 2w |
| 29 | Kickapoo fsl | 0 | 2 | 189 | 0.1 | 0.34 | 250 | 0.24 | 5 | 1.20 | 4.08 | NHEL | 3w |
| 32E | Gscnade/Cnyvlle Cplx | | | | | | | | | | | | |
| | Gasconade sicl | 14 | 35 | 80 | 2 | 9 | 250 | 0.2 | 2 | 50.00 | 225.00 | HEL | 7s |
| | Caneyville sil | 14 | 35 | 80 | 2 | 9 | 250 | 0.37 | 3 | 61.67 | 277.50 | HEL | 7s |
| 50 | Darwin sic | 0 | 2 | 140 | 0.09 | 0.22 | 250 | 0.28 | 5 | 1.26 | 3.08 | NHEL | 3w |

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Perry County cont.

| 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 | Land Class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | Parkville sic | 0 | 2 | 98 | 0.08 | 0.2 | 250 | 0.28 | 5 | 1.12 | 2.80 | NHEL | 2w |
| 53 | Leta sic | 0 | 2 | 145 | 0.09 | 0.22 | 250 | 0.28 | 5 | 1.26 | 3.08 | NHEL | 2w |
| 54 | Waldron sic | 0 | 2 | 91 | 0.08 | 0.2 | 250 | 0.32 | 5 | 1.28 | 3.20 | NHEL | 2w |
| 55 | Haynie sil | 0 | 2 | 54 | 0.07 | 0.16 | 250 | 0.37 | 5 | 1.30 | 2.96 | NHEL | 1 |
| 58 | Dupo sil | 0 | 2 | 117 | 0.09 | 0.21 | 250 | 0.37 | 4 | 2.08 | 4.86 | NHEL | 2w |
| 62a | Haynie/Waldron Cmplx | 0 | 3 | 54 | 0.07 | 0.25 | 250 | 0.37 | 5 | 1.30 | 4.63 | NHEL | 2w |

Russell C Hills 11-09-94