

| SOILSDATA BASE WRIGHT R= 250 18-Jun-94 Highly Erodible Soils Classification |            |                |                 |                 |             |               |      |   |      |     |    |        | January 1, 1990 Data |                  |                 |                  |       |
|---|------------|----------------|-----------------|-----------------|-------------|---------------|------|---|------|-----|----|--------|----------------------|------------------|-----------------|------------------|-------|
| DATA LINE ENTRY   | COUNTY MAP | SOILS-5 RECORD | SERIES NAME     | SURFACE TEXTURE | OTHER PHASE | SLOPE PERCENT |      | T | K    | L   | S  | RK     | AVE LS               | AVE. EROD. INDEX | LOW EROD. INDEX | HIGH EROD. INDEX | CLASS |
| UNIT  | NUMBER     |                |                 | PHASE           |             | LOW           | HIGH |   |      |     |    |        |                      |                  |                 |                  |       |
| 1   | 10C        | M00090         | ALSUP           | SIL             | SLIGHT      | 4             | 9    | 5 | 0.37 | 217 | 6  | 92.50  | 0.89                 | 16.4             | 10.1            | 28.6             | HE    |
| 2   | 10D        | M00091         | ALSUP           | CRC-SIL         | ST          | 9             | 14   | 5 | 0.28 | 217 | 12 | 70.00  | 2.38                 | 33.3             | 21.7            | 42.4             | HE    |
| 3   | 11A        | KY0070         | ASHTON          | SIL             | OCCAS       | 0             | 2    | 5 | 0.32 | 128 | 1  | 80.00  | 0.14                 | 2.2              | 1.0             | 3.5              | NHE   |
| 4   | 11B        | KY0070         | ASHTON          | SIL             | SLIGHT      | 2             | 5    | 5 | 0.32 | 128 | 4  | 80.00  | 0.44                 | 7.1              | 3.5             | 9.2              | PHE   |
| 5   | 12A        | M00068         | BADO            | SIL             | SLIGHT      | 0             | 2    | 3 | 0.43 | 238 | 1  | 107.50 | 0.17                 | 6.0              | 2.3             | 9.3              | PHE   |
| 6   | 13A        | M00006         | CEDARGAP        | CR-SIL          | OCCAS       | 0             | 3    | 5 | 0.28 | 113 | 2  | 70.00  | 0.21                 | 2.9              | 0.9             | 4.2              | NHE   |
| 7   | 14B        | TN0013         | CLAIBORNE       | SIL             | SLIGHT      | 2             | 5    | 5 | 0.37 | 150 | 4  | 92.50  | 0.47                 | 8.7              | 4.2             | 11.3             | PHE   |
| 8   | 14C        | TN0013         | CLAIBORNE       | SIL             | SLIGHT      | 5             | 9    | 5 | 0.37 | 153 | 7  | 92.50  | 0.95                 | 17.5             | 11.4            | 24.9             | HE    |
| 9   | 15D        | M00025         | CLARKSVILLE     | CR-SIL          | SLIGHT      | 9             | 14   | 3 | 0.28 | 155 | 12 | 70.00  | 2.08                 | 48.6             | 31.6            | 61.8             | HE    |
| 10  | 15F        | M00025         | CLARKSVILLE     | CR-SIL          | SLIGHT      | 14            | 50   | 3 | 0.28 | 155 | 32 | 70.00  | 10.20                | 238.0            | 61.8            | 479.9            | HE    |
| 11  | 17C        | M00110         | COULSTONE       | CR-L            | SLIGHT      | 5             | 9    | 3 | 0.24 | 125 | 7  | 60.00  | 0.87                 | 17.5             | 11.3            | 24.8             | HE    |
| 12  | 17D        | M00110         | COULSTONE       | CR-L            | SLIGHT      | 9             | 14   | 3 | 0.24 | 125 | 12 | 60.00  | 1.91                 | 38.2             | 24.8            | 48.6             | HE    |
| 13  | 17F        | M00110         | COULSTONE       | CR-L            | SLIGHT      | 14            | 30   | 3 | 0.24 | 125 | 22 | 60.00  | 5.05                 | 101.0            | 48.6            | 168.4            | HE    |
| 14  | 18C        | M00077         | DONIPHAN        | CR-SIL          | SLIGHT      | 5             | 9    | 2 | 0.28 | 114 | 7  | 70.00  | 0.84                 | 29.4             | 19.1            | 41.9             | HE    |
| 15  | 18D        | M00077         | DONIPHAN        | CR-SIL          | SLIGHT      | 9             | 14   | 2 | 0.28 | 114 | 12 | 70.00  | 1.84                 | 64.4             | 41.9            | 81.9             | HE    |
| 16  | 18F        | M00077         | DONIPHAN        | CR-SIL          | SLIGHT      | 14            | 30   | 2 | 0.28 | 114 | 22 | 70.00  | 4.87                 | 170.4            | 81.9            | 284.1            | HE    |
| 17  | 19         | IL0244         | ELSAH           | SIL             | OCCAS       | 0             | 2    | 3 | 0.37 | 91  | 1  | 92.50  | 0.13                 | 3.9              | 2.0             | 6.0              | NHE   |
| 18  | 20D        | M00028         | GASCONADE-ROCK  | COMPLEX         | SLIGHT      | 2             | 20   | 2 | 0.2  | 174 | 12 | 50.00  | 2.18                 | 54.5             | 5.9             | 123.2            | PHE   |
| 19  | 22C        | M00112         | GATEWOOD        | CR-SIL          | SLIGHT      | 2             | 9    | 3 | 0.32 | 168 | 6  | 80.00  | 0.80                 | 21.4             | 6.3             | 37.3             | PHE   |
| 20  | 22D        | M00112         | GATEWOOD        | CR-SIL          | SLIGHT      | 9             | 14   | 3 | 0.32 | 168 | 12 | 80.00  | 2.15                 | 57.3             | 37.3            | 72.9             | HE    |
| 21  | 22E        | M00112         | GATEWOOD        | CR-SIL          | SLIGHT      | 14            | 30   | 3 | 0.32 | 168 | 22 | 80.00  | 5.69                 | 151.6            | 72.9            | 252.8            | HE    |
| 22  | 23A        | M00005         | HARTVILLE       | SIL             | SLIGHT      | 0             | 2    | 4 | 0.43 | 285 | 1  | 107.50 | 0.18                 | 4.7              | 1.7             | 7.4              | NHE   |
| 23  | 23B        | M00005         | HARTVILLE       | SIL             | SLIGHT      | 2             | 5    | 4 | 0.43 | 285 | 4  | 107.50 | 0.61                 | 16.3             | 7.4             | 21.2             | PHE   |
| 24  | 25         | KY0025         | MELVIN          | SIL             | OCCAS       | 0             | 2    | 5 | 0.43 | 102 | 1  | 107.50 | 0.13                 | 2.8              | 1.4             | 4.3              | NHE   |
| 25  | 26A        | M00095         | NEEDLEYE        | SIL             | SLIGHT      | 0             | 2    | 4 | 0.37 | 188 | 1  | 92.50  | 0.16                 | 3.6              | 1.5             | 5.6              | NHE   |
| 26  | 26B        | M00095         | NEEDLEYE        | SIL             | SLIGHT      | 2             | 5    | 4 | 0.37 | 188 | 4  | 92.50  | 0.51                 | 11.9             | 5.6             | 15.4             | PHE   |
| 27  | 27         | IA0026         | NEVIN           | SIL             | OCCAS       | 0             | 2    | 5 | 0.32 | 125 | 1  | 80.00  | 0.14                 | 2.2              | 1.0             | 3.4              | NHE   |
| 28  | 28         | KY0017         | NOLIN           | SIL             | OCCAS       | 0             | 2    | 5 | 0.43 | 96  | 1  | 107.50 | 0.13                 | 2.7              | 1.4             | 4.3              | NHE   |
| 29  | 29         | KY0017         | NOLIN           | SIL             | FREQ. LONG  | 0             | 2    | 5 | 0.43 | 96  | 1  | 107.50 | 0.13                 | 2.7              | 1.4             | 4.3              | NHE   |
| 30  | 30G        | M00028         | ROCK OUTCROP-GA | COMPLEX         | SLIGHT      | 30            | 50   | 2 | 0.2  | 174 | 40 | 50.00  | 15.29                | 382.3            | 240.3           | 538.6            | HE    |
| 31  | 31B        | M00021         | SAMPSEL         | SICL            | SLIGHT      | 2             | 5    | 3 | 0.37 | 224 | 4  | 92.50  | 0.55                 | 17.0             | 7.9             | 22.1             | PHE   |
| 32  | 32B        | M00097         | VIRATON         | SIL             | SLIGHT      | 2             | 5    | 4 | 0.43 | 223 | 4  | 107.50 | 0.55                 | 14.8             | 6.9             | 19.2             | PHE   |
| 33  | 32C        | M00097         | VIRATON         | SIL             | SLIGHT      | 5             | 9    | 4 | 0.43 | 223 | 7  | 107.50 | 1.10                 | 29.6             | 19.2            | 42.1             | HE    |
| 34  | 33C        | M00085         | WILDERNESS      | CR-SIL          | SLIGHT      | 5             | 9    | 2 | 0.28 | 181 | 7  | 70.00  | 1.01                 | 35.4             | 23.0            | 50.4             | HE    |

This information is to be used for HEL determinations.

For planning and programs the current information on the soils-5 interpretation should be used.

STATE CONSERVATIONIST RUSSELL C. MILLS

DATE

11-69-94