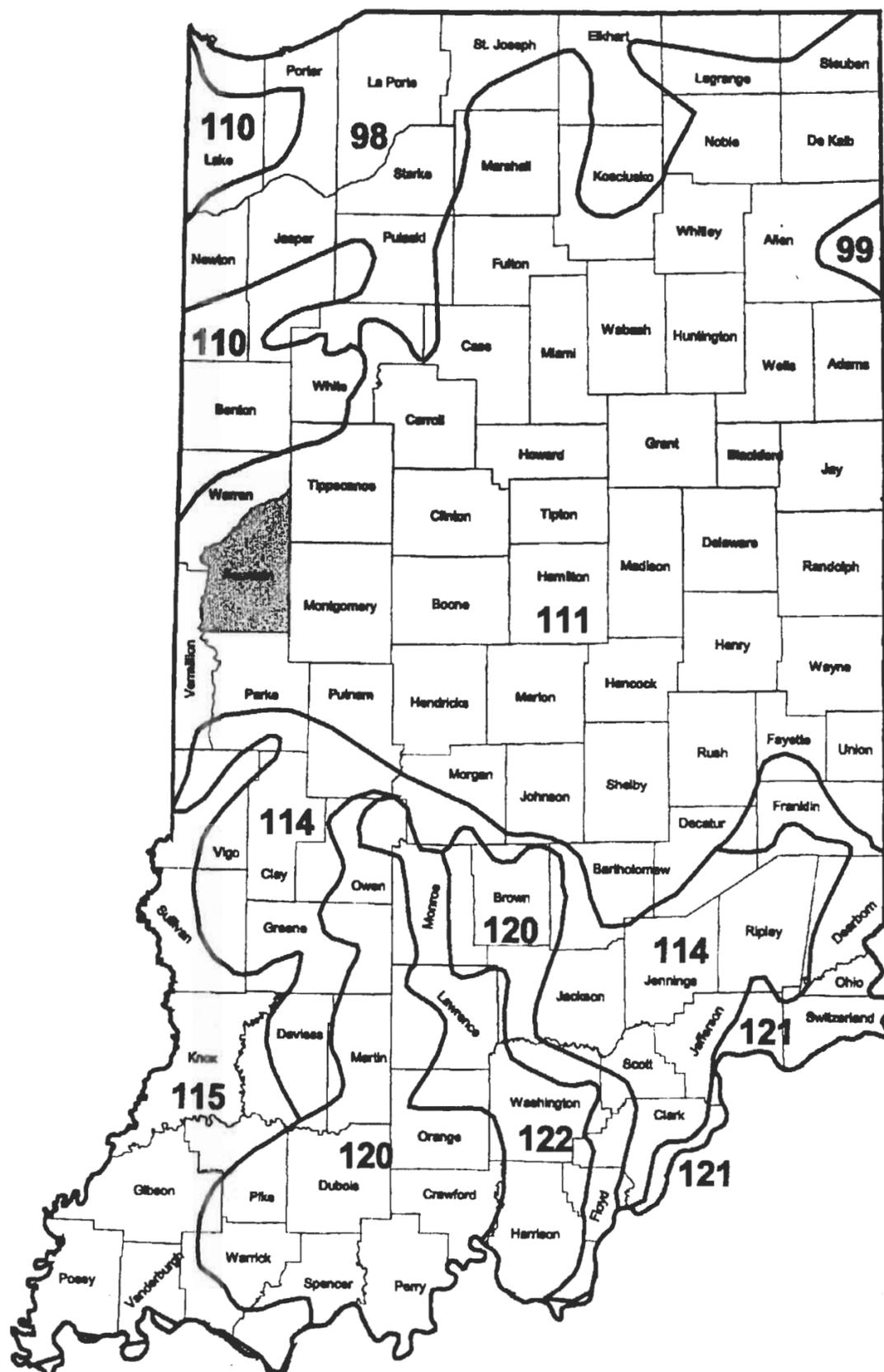


United States  
Department of  
Agriculture

Natural Resources  
Conservation Service

East Central Glaciated  
Regional MLRA  
Soil Survey Office  
Indianapolis, IN

# Classification and Correlation of Soils in Fountain County, Indiana



September, 1999

UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

CLASSIFICATION AND CORRELATION  
OF THE SOILS OF  
FOUNTAIN COUNTY, INDIANA

A SUBSET OF MLRA 111

APRIL 1999

This correlation was prepared by Bennie Clark, MLRA Project Leader, Indianapolis, IN, John Doll, Soil Data Quality Specialist (SDQS) MLRA Region 11 team, Indianapolis, IN, and Mike Wigginton, MLRA Soil Scientist, Subset Leader. It was prepared as part of the update of the Soil Survey of Fountain County, a subset of MLRA 111. This correlation is based on transect data, pedon descriptions, laboratory data, and field soil maps of Fountain County. This correlation is supported by NASIS legend and NASIS Data Mapunits.

**HEADNOTE FOR DETAILED SOIL SURVEY LEGEND**

This update of Fountain County, Indiana is an update subset of the Soil Survey of Major Land Resource Area (MLRA) 111. Map units, the representative map unit symbols, and special and conventional symbols are consistent between subsets that are being updated. Map unit symbols consist of a combination of letters and numbers. The initial letters represent the kind of soil. A capital letter following the first three letters indicates the class of slope. A second capital letter indicates the flooding frequency and duration. The letter K indicates the soil is occasionally flooded for brief duration, the letter I indicates the soil is frequently flooded for long duration, and the letter Q indicates the soil is rarely flooded. A final number of 2 following the slope letter indicates that the soil is moderately eroded, and a number 3 indicates that it is severely eroded. Absence of a number following the slope class indicates that the soil is slightly eroded or non-eroded.

**SOIL CORRELATION OF  
FOUNTAIN COUNTY, INDIANA  
APRIL 1999**

| Field Symbols | Field map unit name   | Publication Symbol | Approved map unit name  |
|---------------|---|--------------------|---|
| Sa            | Shadeland silt loam   | AbfA               | Adeland silt loam, 0 to 2 percent slopes  |
| Ta            | Tawas muck  | AbhAI              | Adrian muck, 0 to 1 percent slopes, frequently flooded, long duration             |
| Em            | Eel loam  | AjaAI              | Allison silt loam, 0 to 2 percent, frequently flooded, long duration              |
| Es            | Eel silt loam   |                    |   |
| Et            | Eel silty clay loam   |                    |   |
| Gt            | Genesee silty clay loam                                       |                    |   |
| Ay            | Ayrshire loam   | AmkA               | Ayrshire loam, 0 to 2 percent slopes  |
| AdA           | Alford silt loam, gravelly substratum, 0 to 2 percent slopes  | ApkA               | Angatoka silt loam, outwash substratum, 0 to 2 percent slopes                     |
| AfA           | Alford silt loam, 0 to 2 percent slopes                       | AplA               | Angatoka silt loam, 0 to 2 percent slopes   |
| AfB           | Alford silt loam, 2 to 6 percent slopes                       | AplB2              | Angatoka silt loam, 2 to 6 percent slopes, eroded                                 |
| AfB2          | Alford silt loam, 2 to 6 percent slopes, eroded               |                    |   |
| AfB3          | Alford silt loam, 2 to 6 percent slopes, severely eroded      |                    |   |
| AfC           | Alford silt loam, 6 to 12 percent slopes                      | AplC2              | Angatoka silt loam, 6 to 12 percent slopes, eroded                                |
| AfC2          | Alford silt loam, 6 to 12 percent slopes, moderately eroded   |                    |   |
| AfC3          | Alford silt loam, 6 to 12 percent slopes, severely eroded     |                    |   |
| Gs            | Genesee silt loam   | BcgAI              | Battleground silt loam, 0 to 2 percent slopes, frequently flooded, long duration  |
| BbA           | Birkbeck silt loam, 0 to 2 percent slopes                     | BhyA               | Birkbeck silt loam, 0 to 2 percent slopes   |
| BbB           | Birkbeck silt loam, 2 to 6 percent slopes                     | BhyB2              | Birkbeck silt loam, 2 to 6 percent slopes, eroded                                 |
| BbB2          | Birkbeck silt loam, 2 to 6 percent slopes, moderately eroded  |                    |   |
| ReB2          | Reesville silt loam, 2 to 6 percent slopes, moderately eroded |                    |   |
| Cn            | Crane silt loam   | BtcA               | Brenton-Raub complex, 0 to 2 percent slopes                                       |
| Rd            | Raub silt loam  |                    |   |
| Hn            | Huntsville silt loam  | BvlAK              | Brouillett silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration |
| OcA           | Ockley silt loam  | CbaA               | Camden silt loam, 0 to 2 percent slopes   |
| OcB2          | Ockley silt loam, 2 to 6 percent slopes, moderately eroded    | CbaB2              | Camden silt, 2 to 6 percent slopes, eroded  |
| MxF           | Muskingum stoney complex, 25 to 60 percent slopes             | CfrG               | Cates channery silt loam, 25 to 75 percent slopes                                 |
| Rc            | Ragsdale silty clay loam, till substratum                     | ChqA               | Chalmers silty clay loam, 0 to 1 percent slopes                                   |
| ChB           | Chelsea loamy fine sand, 2 to 6 percent slopes                | CnaB               | Coloma loamy sand, 2 to 6 percent slopes  |

|      |   |       |  |
|------|---|-------|--|
| ChC  | Chelsea loamy fine sand, 6 to 12 percent slopes               | CnaC  | Coloma loamy sand, 6 to 15 percent slopes  |
| ChD  | Chelsea loamy fine sand, 12 to 18 percent slopes              |       |  |
| Cn   | Crane silt loam   | CsuA  | Crane silt loam, 0 to 2 percent slopes   |
| CrA  | Crosby silt loam, 0 to 2 percent slopes                       | CudA  | Crosby silt loam, 0 to 2 percent slopes  |
| Ra   | Ragsdale silty clay loam                                      | DpbA  | Drummer silty clay loam, 0 to 1 percent slopes                                       |
| Wp   | Westland silty clay loam                                      |       |  |
| Su   | Sunbury silt loam   | EcoA  | Edwardsville silt loam, 0 to 2 percent slopes  |
| Em   | Eel loam  | EdeAK | Eel and Beckville soils, 0 to 2 percent slopes, occasionally flooded, brief duration |
| Es   | Eel silty clay loam   |       |  |
| EuA  | Elston loam, 0 to 2 percent slopes                            | EmdA  | Elston sandy loam, 0 to 2 percent slopes   |
| EwA  | Elston sandy loam, 0 to 2 percent slopes                      |       |  |
| EuB2 | Elston loam, 2 to 6 percent slopes                            | EmdB  | Elston sandy loam, 2 to 6 percent slopes   |
| EwB2 | Elston sandy loam, 2 to 6 percent slopes, moderately eroded   |       |  |
| Mt   | Mine pits and dumps   | FamB  | Fairpoint gravelly clay loam, 0 to 6 percent slopes                                  |
| FcA  | Fincastle silt loam, 0 to 2 percent slopes                    | FdbA  | Fincastle silt loam, 0 to 2 percent slopes   |
| Dm   | Delmar silt loam  |       |  |
| FcB  | Fincastle silt loam, 2 to 6 percent slopes                    | FdbB  | Fincastle silt loam, 2 to 4 percent slopes   |
| FcB2 | Fincastle silt loam, 2 to 6 percent slopes, moderately eroded |       |  |
| Gm   | Genesee loam  | GcaAK | Genesee soils, 0 to 2 percent slopes, occasionally flooded, brief duration           |
| Go   | Genesee loam, high bottom                                     |       |  |
| Gs   | Genesee silt loam   |       |  |
| MxF  | Muskingum stoney complex, 25 to 60 percent slopes             | JcfG  | Judyville fine sandy loam, 25 to 70 percent slopes                                   |
| OcD2 | Ockley silt loam, 12 to 18 percent slopes, moderately eroded  | KnqD2 | Kendallville silt loam, 12 to 18 percent slopes, eroded                              |
| OkD3 | Ockley soils, 12 to 18 percent slopes, severely eroded        |       |  |
| Cn   | Crane silt loam   | LbrA  | Lafayette silt loam, 0 to 2 percent slopes   |
| Ld   | Landes fine sandy loam  | LdxAK | Landes fine sandy loam, 0 to 2 percent slopes, occasionally flooded, brief duration  |
| Ld   | Landes fine sandy loam  | LfuAl | Lash fine sandy loam, 0 to 2 percent slopes, frequently flooded, long duration       |
| SdB  | Sidell silt loam, 2 to 6 percent slopes                       | LfzB2 | Lauramie silt loam, 2 to 6 percent slopes, eroded                                    |
| SdB2 | Sidell silt loam, 2 to 6 percent slopes, moderately eroded    |       |  |

|      |  |       |  |
|------|--|-------|--|
| FfA  | Fox fine sandy loam, 0 to 2 percent slopes                   | ObxA  | Ockley silt loam, 0 to 2 percent slopes                                |
| FmA  | Fox loam, 0 to 2 percent slopes                              |       |  |
| FnA  | Fox silt loam, 0 to 2 percent slopes                         |       |  |
| ObA  | Ockley loam, 0 to 2 percent slopes                           |       |  |
| OcA  | Ockley silt loam, 0 to 2 percent slopes                      |       |  |
| FfB2 | Fox fine sandy loam, 2 to 6 percent slopes, eroded           | ObxB2 | Ockley silt loam, 2 to 6 percent slopes, eroded                        |
| FmB  | Fox loam, 2 to 6 percent slopes                              |       |  |
| FmB2 | Fox loam, 2 to 6 percent slopes, eroded                      |       |  |
| FnB  | Fox silt loam, 2 to 6 percent slopes                         |       |  |
| FnB2 | Fox silt loam, 2 to 6 percent slopes, moderately eroded      |       |  |
| FpB3 | Fox soils, 2 to 6 percent slopes, severely eroded            |       |  |
| OcB  | Ockley silt loam, 2 to 6 percent slopes                      |       |  |
| OcB2 | Ockley silt loam, 2 to 6 percent slopes, moderately eroded   |       |  |
| OkB3 | Ockley soils, 2 to 6 percent slopes, severely eroded         |       |  |
| FnC2 | Fox silt loam, 6 to 12 percent slopes, moderately eroded     |       |  |
| FpC3 | Fox soils, 6 to 12 percent slopes, severely eroded           |       |  |
| OcC  | Ockley sit loam, 6 to 12 percent slopes                      |       |  |
| OcC2 | Ockley silt loam, 6 to 12 percent slopes, moderately eroded  |       |  |
| OkC3 | Ockley soils, 6 to 12 percent slopes, severely eroded        |       |  |
| FmD2 | Fox loam, 12 to 18 percent slopes, moderately eroded         | ObxD2 | Ockley silt loam, 12 to 18 percent slopes, eroded                      |
| FpD3 | Fox soils, 12 to 18 percent slopes, severely eroded          |       |  |
| OcD  | Ockley silt loam, 12 to 18 percent slopes                    |       |  |
| OcD2 | Ockley silt loam, 12 to 18 percent slopes, moderately eroded |       |  |
| OkD3 | Ockley soils, 12 to 18 percent slopes, severely eroded       |       |  |
| Gv   | Gravel Pits  | Pg    | Pits, gravel   |
| Rn   | Romney silty clay loam                                       | PgaA  | Pella silty clay loam, 0 to 1 percent slopes                           |
| Rr   | Romney silty clay loam, gravelly substratum                  |       |  |
| Ws   | Westland silty clay loam, moderately deep                    |       |  |
| FnA  | Fox silt loam, 0 to 2 percent slopes                         | PnwBQ | Pinevillage gravelly sandy loam, 2 to 8 percent slopes, rarely flooded |
| HgA  | High Gap silt loam, 0 to 2 percent slopes                    |       |  |

|      |  |       |   |
|------|--|-------|---|
| St   | Stony alluvial land  | LuhC  | Loudonville silt loam, 4 to 12 percent slopes, stony                            |
| PsA  | Princeton loam, 0 to 2 percent slopes                                | PvsA  | Princeton fine sandy loam, 0 to 2 percent slopes                                |
| PrB2 | Princeton fine sandy loam, 2 to 6 percent slopes, moderately eroded  | PvsB2 | Princeton fine sandy loam, 2 to 6 percent slopes, eroded                        |
| PsB2 | Princeton loam, 2 to 6 percent slopes, moderately eroded             |       |   |
| PrC2 | Princeton fine sandy loam, 6 to 12 percent slopes, moderately eroded | PvsC2 | Princeton fine sandy loam, 6 to 12 percent slopes, eroded                       |
| PsC3 | Princeton soils, 6 to 12 percent slopes, severely eroded             |       |   |
| Ra   | Ragsdale silty clay loam   | RbfA  | Ragsdale silty clay loam, 0 to 1 percent slopes                                 |
| FnB2 | Fox silt loam, 2 to 6 percent slopes, moderately eroded              | RbuB2 | Rainsville silt loam, 2 to 6 percent slopes, eroded                             |
| OcB2 | Ockley silt loam, 2 to 6 percent slopes, moderately eroded           |       |   |
| OkB3 | Ockley soils, 2 to 6 percent slopes, severely eroded                 |       |   |
| FpC3 | Fox soils, 6 to 12 percent slopes, severely eroded                   | RbuC2 | Rainsville silt loam, 6 to 12 percent slopes, eroded                            |
| OcC2 | Ockley silt loam, 6 to 12 percent slopes, moderately eroded          |       |   |
| OkC3 | Ockley soils, 6 to 12 percent slopes, severely eroded                |       |   |
| Rd   | Raub silt loam   | RdvA  | Raub silt loam, 0 to 2 percent slopes   |
| Rr   | Romney silty clay loam, gravelly substratum                          | RetA  | Rensselaer silty clay loam, 0 to 1 percent slopes                               |
| Wr   | Westland silty clay loam, loamy substratum                           |       |   |
| Wa   | Walkill silty clay loam  | RosAK | Rockmill silt loam, 0 to 1 percent slopes, occasionally flooded, brief duration |
| PrE  | Princeton fine sandy loam, 18 to 25 percent slopes                   | RqaE  | Rodman sandy loam, 18 to 25 percent slopes                                      |
| RmE  | Rodman gravelly complex, 18 to 25 percent slopes                     |       |   |
| RmF  | Rodman gravelly complex, 25 to 50 percent slopes                     | RqaG  | Rodman sandy loam, 25 to 50 percent slopes                                      |
| Gm   | Genesee loam   | RtxAK | Rossburg silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration |
| Go   | Genesee silt loam, high bottom                                       |       |   |
| Hn   | Huntsville silt loam   |       |   |
|      |  |       |   |
| ObA  | Ockley loam, 0 to 2 percent slopes                                   | RyfA  | Rush silt loam, 0 to 2 percent slopes   |
| OcA  | Ockley silt loam, 0 to 2 percent slopes                              |       |   |

|      |   |       |   |
|------|---|-------|---|
| OcB2 | Ockley silt loam, 2 to 6 percent slopes, moderately eroded    | RyfB2 | Rush silt loam, 2 to 6 percent slopes, eroded                                 |
| OcB  | Ockley silt loam, 2 to 6 percent slopes                       |       |   |
| RsB  | Russell silt loam, 2 to 6 percent slopes                      | RyWB2 | Russell silt loam, 2 to 6 percent slopes, eroded                              |
| RsB2 | Russell silt loam, 2 to 6 percent slopes, moderately eroded   |       |   |
| RsC  | Russell silt loam, 6 to 12 percent slopes                     | RyWC2 | Russell silt loam, 6 to 12 percent slopes, eroded                             |
| RsC2 | Russell silt loam, 6 to 12 percent slopes, moderately eroded  |       |   |
| RtC3 | Russell soils, 6 to 12 percent slopes, severely eroded        |       |   |
| RsD  | Russell silt loam, 12 to 18 percent slopes, moderately eroded | RyWD2 | Russell silt loam, 12 to 18 percent slopes, eroded                            |
| RsD2 | Russell silt loam, 12 to 18 percent slopes, moderately eroded |       |   |
| RtD3 | Russell soils, 12 to 18 percent slopes, severely eroded       |       |   |
| RsE  | Russell silt loam, 18 to 25 percent slopes                    | RzcE  | Russell-Strawn complex, 18 to 25 percent slopes                               |
| RsE2 | Russell silt loam, 18 to 25 percent slopes, moderately eroded |       |   |
| Sb   | Shoals silt loam  | SldAK | Shoals silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration |
| Sc   | Shoals silty clay loam  |       |   |
| Sn   | Sloan silty clay loam   |       |   |
| FnA  | Fox silt loam, 0 to 2 percent slopes                          | SlyA  | Silverwood silt loam, 0 to 2 percent slopes                                   |
| FnB  | Fox silt loam, 2 to 6 percent slopes                          | SlyB2 | Silverwood silt loam 2 to 6 percent slopes, eroded                            |
| FnB2 | Fox silt loam, 2 to 6 percent slopes, moderately eroded       |       |   |
| FfA  | Fox fine sandy loam, 0 to 2 percent slopes                    | SlzA  | Silverwood loam, 0 to 2 percent slopes  |
| FmA  | Fox loam, 0 to 2 percent slopes                               |       |   |
| FfB2 | Fox fine sandy loam, 2 to 6 percent slopes, moderately eroded | SlzB2 | Silverwood loam, 2 to 6 percent slopes, eroded                                |
| FmB  | Fox loam, 2 to 6 percent slopes                               |       |   |
| FmB2 | Fox loam, 2 to 6 percent slopes, moderately eroded            |       |   |
| FpB3 | Fox soils, 2 to 6 percent slopes, severely eroded             |       |   |
| FnC2 | Fox silt loam, 6 to 12 percent slopes, moderately eroded      | SlzC2 | Silverwood loam, 6 to 12 percent slopes, eroded                               |
| FpC3 | Fox soils, 6 to 12 percent slopes, severely eroded            |       |   |

|      |  |       |  |
|------|--|-------|--|
| FmD2 | Fox loam, 12 to 18 percent slopes, moderately eroded       | SlzD2 | Silverwood loam, 12 to 18 percent slopes. eroded                                   |
| FpD3 | Fox soils, 12 to 18 percent slopes, severely eroded        |       |  |
| Sh   | Sleeth silt loam   | SngA  | Sleeth silt loam, 0 to 2 percent slopes  |
| Wh   | Washtenaw silt loam  | SnIAP | Southwest silt loam, 0 to 1 percent slopes, ponded, brief duration                 |
| Sb   | Shoals silt loam   | SobAI | Sloan and Beaucoup soils, 0 to 1 percent slopes, frequently flooded, long duration |
| Sc   | Shoals silty clay loam                                     |       |  |
| Sm   | Sloan silt loam  |       |  |
| Sn   | Sloan silty clay loam                                      |       |  |
| RsB  | Russell silt loam, 2 to 6 percent slopes                   | SseB2 | St. Charles silt loam, 2 to 6 percent slopes, eroded                               |
| FcA  | Fincastle silt loam, 0 to 2 percent slopes                 | SteA  | Starks silt loam, 0 to 2 percent slopes  |
| FcA  | Fincastle silt loam, 0 to 2 percent slopes                 | StkA  | Starks-Fincastle complex, 0 to 2 percent slopes                                    |
| Sh   | Sleeth silt loam   |       |  |
| HcE  | Hennepin complex, 18 to 25 percent slopes                  | SvqE  | Strawn loam, 18 to 25 percent slopes   |
| HcE3 | Hennepin complex, 18 to 25 percent slopes, severely eroded |       |  |
| HcF  | Hennepin complex, 25 to 50 percent slopes                  | SvqG  | Strawn loam, 25 to 70 percent slopes   |
| HcE  | Hennepin complex, 18 to 25 percent slopes                  | SwdE  | Strawn-Rodman complex, 18 to 25 percent slopes                                     |
| RmE  | Rodman gravelly complex, 18 to 25 percent slopes           |       |  |
| HcF  | Hennepin complex, 25 to 50 percent slopes                  | SwdG  | Strawn-Rodman complex, 25 to 50 percent slopes                                     |
| RmF  | Rodman gravelly complex, 25 to 50 percent slopes           |       |  |
| DaA  | Dana silt loam, 0 to 2 percent slopes                      | TfdA  | Throckmorton silt loam, 0 to 2 percent slopes                                      |
| SdA  | Sidell silt loam, 0 to 2 percent slopes                    |       |  |
| WyA  | Wingate silt loam, 0 to 2 percent slopes                   |       |  |
| DaB2 | Dana silt loam, 2 to 6 percent slopes, moderately eroded   | TfdB  | Throckmorton silt loam, 2 to 4 percent slopes                                      |
| By   | Brookston silty clay loam                                  | ThrA  | Treaty silty clay loam, 0 to 1 percent slopes                                      |
| FcA  | Fincastle silt loam, 0 to 2 percent slopes                 | TlxA  | Toronto silt loam, 0 to 2 percent slopes   |
| Su   | Sunbury silt loam  |       |  |
| WyA  | Wingate silt loam, 0 to 2 percent slopes                   |       |  |
| TcA  | Tippecanoe silt loam, 0 to 2 percent slopes                | TmcA  | Totanang silt loam, 0 to 2 percent slopes  |
|      |  | UbyE  | Udorthents, loamy, 3 to 30 percent slopes  |
|      |  | Uea   | Urban land   |
| W    | Water  | W     | Water  |
| WmA  | Wea silt loam, 0 to 2 percent slopes                       | WkmA  | Waupecan silt loam, 0 to 2 percent slopes  |

|      |  |       |  |
|------|--|-------|--|
| WmB  | Wea silt loam, 2 to 6 percent slopes                       | WkmB2 | Waupecan silt loam, 2 to 6 percent slopes, eroded        |
| WmB2 | Wea silt loam, 2 to 6 percent slopes, moderately eroded    |       |  |
| WnB3 | Wea soils, 2 to 6 percent slopes, severely eroded          |       |  |
| Sh   | Sleeth silt loam   | WmnA  | Waynetown silt loam, 0 to 2 percent slopes               |
| WbA  | Warsaw loam  | WmpA  | Wea loam, 0 to 2 percent slopes                          |
| WcA  | Warsaw silt loam, 0 to 2 percent slopes                    |       |  |
| WbB2 | Warsaw loam, 2 to 6 percent slopes, moderately eroded      | WmpB2 | Wea loam, 2 to 6 percent slopes, eroded                  |
| Wo   | Westland silt loam   | WqvA  | Westland silty clay loam, 0 to 1 percent slopes          |
| Wp   | Westland silty clay loam                                   |       |  |
| Ws   | Westland silty clay loam, moderately deep                  |       |  |
| Wu   | Whitaker loam  | WsuA  | Whitaker loam, 0 to 2 percent slopes                     |
| Ww   | Whitaker silt loam   | WtaA  | Whitaker silt loam, 0 to 2 percent slopes                |
| CbB2 | Celina silt loam, 2 to 6 percent slopes, moderately eroded | WufB2 | Williamstown silt loam, 2 to 6 percent slopes, eroded    |
| AfA  | Alford silt loam, 0 to 2 percent slopes                    | WvaA  | Wingate silt loam, 0 to 2 percent slopes                 |
| BbA  | Birkbeck silt loam, 0 to 2 percent slopes                  |       |  |
| DaA  | Dana silt loam, 0 to 2 percent slopes                      |       |  |
| AfB2 | Alford silt loam, 2 to 6 percent slopes, moderately eroded | WvaB2 | Wingate silt loam, 2 to 6 percent slopes, eroded         |
| XnA  | Xenia silt loam, 0 to 2 percent slopes                     | XabA  | Xenia silt loam, 0 to 2 percent slopes                   |
| XnB2 | Xenia silt loam, 2 to 6 percent slopes, moderately eroded  | XabB2 | Xenia silt loam, 2 to 6 percent slopes, eroded           |
| MmB2 | Miami silt loam, 2 to 6 percent slopes, moderately eroded  | XfuB2 | Miami-Rainsville complex, 2 to 6 percent slopes, eroded  |
| MsB3 | Miami soils, 2 to 6 percent slopes, severely eroded        |       |  |
| RtB3 | Russell soils, 2 to 6 percent slopes, severely eroded      |       |  |
| MmC  | Miami silt loam, 6 to 12 percent slopes                    | XfuC2 | Miami-Rainsville complex, 6 to 12 percent slopes, eroded |
| MmC2 | Miami silt loam, 6 to 12 percent slopes, moderately eroded |       |  |
| MsC3 | Miami soils, 6 to 12 percent slopes, severely eroded       |       |  |
| ReA  | Reesville silt loam, 0 to 2 percent slopes                 | YedA  | Yeddo silt loam, 0 to 2 percent slopes                   |
| Gw   | Gullied land, gravelly materials                           | Z     | Surrounding mapped unit                                  |
| Gy   | Gullied land, loamy materials                              |       |  |
| Ma   | Marl Beds  |       |  |

**Series established by this correlation:** Adeland, Angatoka, Cates, Judyville, Mahalaland, Silverwood, Totanang, Yeddo

**Series dropped from the 1966 soil survey report:** Alford, Celina, Chelsea, Dana, Delmar, Fox, Hennepin, High Gap, Huntsville, Muskingum, Parr, Reesville, Romney, Shadeland, Sidell, Sunbury, Tawas, Tippecanoe, Walkill, Warsaw, Washtenaw

**Series Made Inactive:** None

**Verification of exact cooperator names:** For the front cover and half-title page:

United States Department of Agriculture,  
Natural Resources Conservation Service  
in Cooperation with Purdue University Agricultural Experiment Station and  
the Indiana Department of Natural Resources, State Soil Conservation Board and Division of Soil  
Conservation.

The cooperators to be listed on the inside of the front cover are the same as those on the front cover, and in addition state: "This soil survey update is part of the technical assistance provided to Fountain County Soil and Water Conservation District. Financial assistance was made available by the Board of County Commissioners of Fountain County."

**Prior soil survey publications:**

The last soil survey of Fountain County was completed in 1961 and was published by the United States Department of Agriculture, Natural Resources Conservation Service in 1966. Reference to the prior soil surveys will be included in the literature citation of the manuscript. This survey replaces the 1961 soil survey and provides additional data, updated soil interpretations, and digital soil maps at a 1:12,000 scale on an orthophoto base.

**Join Statement:** Fountain County, which was published in 1966, joins five modern soil surveys. These are Warren, Vermillion, Parke, Montgomery and Tippecanoe Counties in Indiana. Warren County to the northwest was published in 1990. Vermillion County to the southwest was published in 1978. Parke County to the south was published in 1967. Montgomery County to the southeast was published in 1989. Tippecanoe County to the northeast was published in 1998. An exact join will be completed when these counties are updated to the MLRA legend.

**Disposition of field sheets:** The original soil maps used for Soil Survey Report were ratioed and then converted from the scale of 1:15,840 to 1:12,000. These maps were then compiled onto mylars which were orthophoto quarter quads at a scale of 1:12,000. Geographic area to the county boundaries was compiled, i.e. compilation was to the county line resulting in partial compilation of quarter quads along county boundaries. The compiled maps will be delivered to the Indianapolis Digitizing Center. Copies of a computer tape of the final product will remain at the state office, be certified for SSURGO at NCGC, and be provided to the Fountain County Board as part of the cost share cooperative agreement.

**Instructions for map compilation and map finishing:** Map recompilation is scheduled for completion by the Indianapolis Digitizing Center by December 1999. Soils, water, and cultural features will be compiled onto the orthoquarter quads. Symbols for map finishing will be those approved for SSURGO standards and as shown in this document. The NAP photos and supporting documentation will be delivered to the Indianapolis Digitizing Center by September 1, 1999. The Indianapolis Digitizing Center will complete a final check before delivering the product to NCGC for SSURGO certification.

**CONVENTIONAL AND SPECIAL SYMBOLS LEGEND  
FOUNTAIN COUNTY, INDIANA**

Conventional and special symbols legend: Only those symbols indicated on the attached NRCS-SOILS-37A will be shown on the legend and placed on the maps.



| <b>LABEL</b> | <b>NAME</b>          | <b>DESCRIPTION</b>   |
|--------------|----------------------|--|
| BPI          | Borrow pit           | An open excavation from which soil and underlying material have been removed, usually for road construction. Typically 0.5 to 2 acres.   |
| ESB          | Escarpment, Bedrock  | A relatively continuous and steep slope or cliff produced by erosion or faulting breaking the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.   |
| ESO          | Escarpment, Other    | A relatively continuous and steep slope or cliff generally produced by erosion, but can be produced by faulting breaking the continuity of more gently sloping land surfaces. Exposed nonbedrock material is nonsoil or very shallow, poorly developed soils.  |
| GPI          | Gravel pit           | An open excavation from which soil and underlying material have been removed, and used without crushing, as a source of sand and gravel. Typically 0.5 to 2 acres.   |
| MAR          | Marsh or Swamp       | A water saturated, very poorly drained area, intermittently or permanently water-covered. Marsh areas are dominantly covered by sedges, cattails, and rushes. Swamps are dominantly covered by trees or shrubs. Not used in map units where poorly drained or very poorly drained soils are the named components. Typically 0.25 to 2 acres. |
| MPI          | Mine or quarry       | An open excavation from which soil and underlying material is removed exposing the bedrock. Also used to denote surface openings to underground mines. Typically 0.5 to 2 acres.   |
| MIS          | Miscellaneous Water  | Small manmade water area used for industrial, sanitary, or mining applications that contain water most of the year. Typically 0.25 to 2 acres.   |
| WAT          | Perennial water      | Small natural or manmade lake, pond, or pit that contains water most of the year. Typically 0.25 to 2 acres.   |
| ROC          | Rock outcrop         | An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock. Typically less than 2 acres.  |
| ERO          | Severely eroded spot | An area where on the average 75 percent or more of the original surface layer has been lost from accelerated erosion. Typically less than 2 acres.   |
| STN          | Stony spot           | An area with 0.01 to 3 percent of the surface covered with rock fragments that are greater than 10 inches in diameter. Typically less than 2 acres.  |
| WET          | Wet spot             | Somewhat poorly drained to very poorly drained area that is at least 2 drainage classes wetter than the named soils in the surrounding map unit. Typically less than 2 acres.  |

**DEFINITIONS AND GUIDELINES  
FOR USE OF CONVENTIONAL AND SPECIAL SYMBOLS  
FOR  
FOUNTAIN COUNTY, INDIANA  
A SUBSET OF MLRA 111  
Scale - 1:12,000**

| <u>DESCRIPTION</u>              | <u>LABEL</u> | <u>DEFINITIONS AND GUIDELINES</u>   |
|---------------------------------|--------------|---|
| <b>CULTURAL FEATURES</b>        |              |   |
| Land division corners (section) |              | Section corners are shown, and section numbers are placed as close to the center of the section as possible.  |
| Federal and State               |              | Use appropriate symbols for federal and state roads. Other roads will not be labeled.   |
| Dams (medium or small)          |              | Dams are shown if the retained body of water meets the criteria outlined in water area, perennial   |
| Soil Sample Site                | SOIS         | The location in the subset of a typical pedon for a taxonomic unit.   |
| <b>HYDROGRAPHIC FEATURES</b>    |              |   |
| Perennial, single line          | PSDR         | Use for streams which generally flow water throughout most the year during years with normal rainfall. They are less than 100 feet in width on the landscape or less than 0.10 inch on the atlas sheet.   |
| Intermittent                    | INDR         | Streams or drainageways that are free of water during the driest time of year in years of normal rainfall. They are less than 100 feet in width on the landscape or less than 0.10 inch on the atlas sheet.   |
| Drainage end                    | DEND         | Shows the point where concentrated water flow stops and there is no channel within 250 feet or more on the landscape or 0.25 inch or more on the atlas sheet.   |
| Perennial drainage ditch        | DDIT         | Water channels which have been excavated or straightened and that generally flow water throughout most the year during years with normal rainfall. They are less than 100 feet in width on the landscape or less than 0.10 inch on the atlas sheet. |

**CONVERSION LEGEND FOR  
FOUNTAIN COUNTY, INDIANA**

| Field symbol | Publication symbol |
|--------------|--------------------|
| AdA          | ApkA               |
| AfA          | AplA               |
| AfA          | WvaA               |
| AfB          | AplB2              |
| AfB2         | AplB2              |
| AfB2         | WvaB2              |
| AfB3         | AplB2              |
| AfC          | AplC2              |
| AfC2         | AplC2              |
| AfC3         | AplC2              |
| Ay           | AmkA               |
| BbA          | BhyA               |
| BbA          | WvaA               |
| BbB          | BhyB2              |
| BbB2         | BhyB2              |
| By           | ThrA               |
| CaB2         | MecB2              |
| CbB2         | WufB2              |
| ChB          | CnaB               |
| ChC          | CnaC               |
| ChD          | CnaC               |
| Cn           | BtcA               |
| Cn           | CsuA               |
| Cn           | LbrA               |
| CrA          | CudA               |
| DaA          | MjuA               |
| DaA          | TfdA               |
| DaA          | WvaA               |
| DaB2         | TfdB               |
| Dm           | FdbA               |
| Em           | AjaAI              |
| Em           | EdeAK              |
| Es           | AjaAI              |
| Es           | EdeAK              |
| Et           | AjaAI              |
| EuA          | EmdA               |
| EuB2         | EmdB               |

| Field symbol | Publication symbol |
|--------------|--------------------|
| EwA          | EmdA               |
| EwB2         | EmdB               |
| FcA          | FdbA               |
| FcA          | SteA               |
| Fca          | StkA               |
| FcA          | TlxA               |
| FcB          | FdbB               |
| FcB2         | FdbB               |
| FfA          | ObxA               |
| FfA          | SlzA               |
| FfB2         | ObxB2              |
| FfB2         | SlzB2              |
| FmA          | ObxA               |
| FmA          | SlzA               |
| FmB          | ObxB2              |
| FmB          | SlzB2              |
| FmB2         | ObxB2              |
| FmB2         | SlzB2              |
| FmD2         | ObxD2              |
| FmD2         | SlzD2              |
| FnA          | ObxA               |
| FnA          | PnwBQ              |
| FnA          | SlyA               |
| FnB          | ObxB2              |
| FnB          | SlyB2              |
| FnB2         | ObxB2              |
| FnB2         | RbuB2              |
| FnB2         | SlyB2              |
| FnC2         | ObxC2              |
| FnC2         | SlzC2              |
| FpB3         | ObxB2              |
| FpB3         | SlzB2              |
| FpC3         | ObxC2              |
| FpC3         | RbuC2              |
| FpC3         | SlzC2              |
| FpD3         | ObxD2              |
| FpD3         | SlzD2              |

| Field symbol | Publication symbol |
|--------------|--------------------|
| Gm           | GcaAK              |
| Gm           | RtxAK              |
| Go           | GcaAK              |
| Go           | RtxAK              |
| Gs           | BcgAI              |
| Gs           | GcaAK              |
| Gt           | AjaAI              |
| Gv           | Pg                 |
| HcE          | SvqE               |
| HcE          | SwdE               |
| HcE3         | SvqE               |
| HcF          | SwdG               |
| HcF          | SvqG               |
| HgA          | LugA               |
| HgA          | PnwBQ              |
| HgB          | LugB2              |
| HgB2         | LugB2              |
| HgC          | LugC2              |
| HhB3         | LugB2              |
| HhC3         | LugC2              |
| Hn           | BvlAK              |
| Hn           | RtxAK              |
| Ld           | LdxAK              |
| Ld           | LfuAI              |
| MmB2         | XfuB2              |
| MmC          | XfuC2              |
| MmC2         | XfuC2              |
| MsB3         | XfuB2              |
| MsC3         | XfuC2              |
| Mt           | FamB               |
| Mt           | MqlG               |
| MxC          | LuhC               |
| MxF          | CfrG               |
| MxF          | JcfG               |
| ObA          | ObxA               |
| ObA          | RyfA               |
| OcA          | CbaA               |

| Field symbol | Publication symbol |
|--------------|--------------------|
| OcA          | ObxA               |
| OcA          | RyfA               |
| OcB          | CbaB2              |
| OcB          | MecB2              |
| OcB          | ObxB2              |
| OcB          | RyfB2              |
| OcB2         | CbaB2              |
| OcB2         | MecB2              |
| OcB2         | ObxB2              |
| OcB2         | RbuB2              |
| OcB2         | RyfB2              |
| OcC          | ObxC2              |
| OcC2         | ObxC2              |
| OcC2         | RbuC2              |
| OcD          | ObxD2              |
| OcD2         | KnqD2              |
| OcD2         | ObxD2              |
| OkB3         | MecB2              |
| OkB3         | ObxB2              |
| OkB3         | RbuB2              |
| OkC3         | ObxC2              |
| OkC3         | RbuC2              |
| OkD3         | KnqD2              |
| OkD3         | ObxD2              |
| PbB2         | ObmB2              |
| PbC2         | ObmC2              |
| PdB3         | ObmB2              |
| PdC3         | ObmC2              |
| PrB2         | PvsB2              |
| PrC2         | PvsC2              |
| PrE          | RqaE               |
| PsA          | PvsA               |
| PsB2         | PvsB2              |
| PsC3         | PvsC2              |
| Ra           | DpbA               |
| Ra           | RbfA               |
| Rc           | ChqA               |
| Rd           | BtcA               |
| Rd           | RdvA               |

| Field symbol | Publication symbol |
|--------------|--------------------|
| ReA          | YedA               |
| ReB2         | BhyB2              |
| RmE          | RqaE               |
| RmE          | SwdE               |
| RmF          | RqaG               |
| RmF          | SwdG               |
| Rn           | PgaA               |
| Rr           | PgaA               |
| Rr           | RetA               |
| RsB          | RywB2              |
| RsB          | SseB2              |
| RsB2         | RywB2              |
| RsC          | RywC2              |
| RsC2         | RywC2              |
| RsD          | Rywd2              |
| RsD2         | Rywd2              |
| RsE          | RxcE               |
| RsE2         | RzcE               |
| RtB3         | XfuB2              |
| RtC3         | RywC2              |
| RtD3         | Rywd2              |
| Sa           | AbfA               |
| Sa           | MrcA               |
| Sb           | SldAK              |
| Sb           | SobAI              |
| Sc           | SldAK              |
| Sc           | SobAI              |
| SdA          | TfdA               |
| SdB          | LfzB2              |
| SdB2         | LfzB2              |
| SeB3         | LfzB2              |
| Sh           | SngA               |
| Sh           | StkA               |
| Sh           | WmnA               |
| Sm           | SobAI              |
| Sn           | SldAK              |
| Sn           | SobAI              |
| St           | LuhC               |
| Su           | EcoA               |

| Field symbol | Publication symbol |
|--------------|--------------------|
| Su           | TlxA               |
| Ta           | AbhAI              |
| TcA          | TmcA               |
| UbyE         | UbyE               |
| Uea          | Uea                |
| W            | W                  |
| Wa           | RosAK              |
| WbA          | WmpA               |
| WbB2         | WmpB2              |
| WcA          | WmpA               |
| WdC3         | ObmC2              |
| Wh           | SnlAP              |
| WmA          | WkmA               |
| WmB          | WkmB2              |
| WmB2         | WkmB2              |
| WnB3         | WkmB2              |
| WnC3         | ObmC2              |
| Wo           | MamA               |
| Wo           | MaoA               |
| Wo           | WqvA               |
| Wp           | DpbA               |
| Wp           | MamA               |
| Wp           | MaoA               |
| Wp           | WqvA               |
| Wr           | RetA               |
| Ws           | PgaA               |
| Ws           | WqvA               |
| Wt           | MapA               |
| Wu           | WsuA               |
| Ww           | WtaA               |
| WyA          | TfdA               |
| WyA          | TlxA               |
| WyB          | ObmB2              |
| WyB2         | ObmB2              |
| XnA          | XabA               |
| XnB2         | XabB2              |

**MLRA 111  
FOUNTAIN COUNTY SUBSET  
ALPHABETICAL IDENTIFICATION LEGEND**

|       |  |
|-------|--|
| AbfA  | Adeland silt loam, 0 to 2 percent slopes   |
| AbhAI | Adrian muck, 0 to 1 percent slopes, frequently flooded, long duration                |
| AjaAI | Allison silt loam, 0 to 2 percent slopes, frequently flooded, long duration          |
| AplA  | Angatoka silt loam, 0 to 2 percent slopes  |
| AplB2 | Angatoka silt loam, 2 to 6 percent slopes, eroded                                    |
| AplC2 | Angatoka silt loam, 6 to 12 percent slopes, eroded                                   |
| ApkA  | Angatoka silt loam, outwash substratum, 0 to 2 percent slopes                        |
| AmkA  | Ayrshire loam, 0 to 2 percent slopes   |
| BcgAI | Battleground silt loam, 0 to 2 percent slopes, frequently flooded, long duration     |
| BhyA  | Birkbeck silt loam, 0 to 2 percent slopes  |
| BhyB2 | Birkbeck silt loam, 2 to 6 percent slopes, eroded                                    |
| BtcA  | Brenton-Raub complex, 0 to 2 percent slopes  |
| BvlAK | Brouillett silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration    |
| CbaA  | Camden silt loam, 0 to 2 percent slopes  |
| CbaB2 | Camden silt loam, 2 to 6 percent slopes, eroded                                      |
| CfrG  | Cates channery silt loam, 25 to 75 percent slopes                                    |
| ChqA  | Chalmers silty clay loam, 0 to 1 percent slopes                                      |
| CnaB  | Coloma loamy sand, 2 to 6 percent slopes   |
| CnaC  | Coloma loamy sand, 6 to 15 percent slopes  |
| CsuA  | Crane silt loam, 0 to 2 percent slopes   |
| CudA  | Crosby silt loam, 0 to 2 percent slopes  |
| DpbA  | Drummer silty clay loam, 0 to 1 percent slopes                                       |
| EcoA  | Edwardsville silt loam, 0 to 2 percent slopes  |
| EdeAK | Eel and Beckville soils, 0 to 2 percent slopes, occasionally flooded, brief duration |
| EmdA  | Elston sandy loam, 0 to 2 percent slopes   |
| EmdB  | Elston sandy loam, 2 to 6 percent slopes   |
| FamB  | Fairpoint gravelly clay loam, 0 to 6 percent slopes                                  |
| FdbA  | Fincastle silt loam, 0 to 2 percent slopes   |
| FdbB  | Fincastle silt loam, 2 to 4 percent slopes   |
| GcaAK | Genesee soils, 0 to 2 percent slopes, occasionally flooded, brief duration           |
| JcfG  | Judyville fine sandy loam, 25 to 70 percent slopes                                   |
| KnqD2 | Kendallville silt loam, 12 to 18 percent slopes, eroded                              |
| LbrA  | Lafayette silt loam, 0 to 2 percent slopes   |
| LdxAK | Landes fine sandy loam, 0 to 2 percent slopes, occasionally flooded, brief duration  |
| LfuAI | Lash fine sandy loam, 0 to 2 percent slopes, frequently flooded, long duration       |
| LfzB2 | Lauramie silt loam, 2 to 6 percent slopes, eroded                                    |
| LugC2 | Loudonville silt loam, 6 to 12 percent slopes, eroded                                |
| LugA  | Loudonville silt loam, 0 to 2 percent slopes   |
| LugB2 | Loudonville silt loam, 2 to 6 percent slopes, eroded                                 |
| LuhC2 | Loudonville silt loam, 4 to 12 percent slopes, stony                                 |
| MaoA  | Mahalaland silty clay loam, 0 to 1 percent slopes                                    |
| MamA  | Mahalasville silty clay loam, 0 to 1 percent slopes                                  |
| MapA  | Mahalasville silty clay loam, bedrock substratum, 0 to 1 percent slopes              |
| MecB2 | Martinsville loam, 2 to 6 percent slopes, eroded                                     |

**MLRA 111  
FOUNTAIN COUNTY SUBSET  
ALPHABETICAL IDENTIFICATION LEGEND**

|       |  |
|-------|--|
| MjuA  | Mellott silt loam, 0 to 2 percent slopes   |
| MqlG  | Minnehaha silt loam, 35 to 75 percent slopes                                       |
| MrcA  | Mitiwanga silt loam, 0 to 2 percent slopes   |
| ObmB2 | Octagon silt loam, 2 to 6 percent slopes,  |
| ObmC2 | Octagon silt loam, 6 to 12 percent slopes, eroded                                  |
| ObxA  | Ockley silt loam, 0 to 2 percent slopes  |
| ObxB2 | Ockley silt loam, 2 to 6 percent slopes, eroded                                    |
| ObxC2 | Ockley silt loam, 6 to 12 percent slopes, eroded                                   |
| ObxD2 | Ockley silt loam, 12 to 18 percent slopes, eroded                                  |
| Pg    | Pits, gravel   |
| PgaA  | Pella silty clay loam, 0 to 1 percent slopes                                       |
| PnwBQ | Pinevillage gravelly sandy loam, 2 to 8 percent slopes, rarely flooded             |
| PvsA  | Princeton fine sandy loam, 0 to 2 percent slopes                                   |
| PvsB2 | Princeton fine sandy loam, 2 to 6 percent slopes, eroded                           |
| PvsC2 | Princeton fine sandy loam, 6 to 12 percent slopes, eroded                          |
| RbfA  | Ragsdale silty clay loam, 0 to 1 percent slopes                                    |
| RbuB2 | Rainsville silt loam, 2 to 6 percent slopes, eroded                                |
| RbuC2 | Rainsville silt loam, 6 to 12 percent slopes, eroded                               |
| RdvA  | Raub silt loam, 0 to 2 percent slopes  |
| RetA  | Rensselaer silty clay loam, 0 to 1 percent slopes                                  |
| RosAK | Rockmill silt loam, 0 to 1 percent slopes, occasionally flooded, brief duration    |
| RqaE  | Rodman sandy loam, 18 to 25 percent slopes   |
| RqaG  | Rodman sandy loam, 25 to 50 percent slopes   |
| RtxAK | Rosburg silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration     |
| RyfA  | Rush silt loam, 0 to 2 percent slopes  |
| RyfB2 | Rush silt loam, 2 to 6 percent slopes, eroded                                      |
| RywB2 | Russell silt loam, 2 to 6 percent slopes, eroded                                   |
| RywC2 | Russell silt loam, 6 to 12 percent slopes, eroded                                  |
| Rywd2 | Russell silt loam, 12 to 18 percent slopes, eroded                                 |
| RzcE  | Russell-Strawn complex, 18 to 25 percent slopes                                    |
| SldAK | Shoals silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration      |
| SlyA  | Silverwood silt loam, 0 to 2 percent slopes  |
| SlyB2 | Silverwood silt loam, 2 to 6 percent slopes, eroded                                |
| SlzA  | Silverwood loam, 0 to 2 percent slopes   |
| SlzB2 | Silverwood loam, 2 to 6 percent slopes, eroded                                     |
| SlzC2 | Silverwood loam, 6 to 12 percent slopes, eroded                                    |
| SlzD2 | Silverwood loam, 12 to 18 percent slopes, eroded                                   |
| SngA  | Sleeth silt loam, 0 to 2 percent slopes  |
| SnIAP | Southwest silt loam, 0 to 1 percent slopes, ponded, brief duration                 |
| SobAI | Sloan and Beaucoup soils, 0 to 1 percent slopes, frequently flooded, long duration |
| SseB2 | St. Charles silt loam, 2 to 6 percent slopes, eroded                               |
| SteA  | Starks silt loam, 0 to 2 percent slopes  |
| StkA  | Starks-Fincastle complex, 0 to 2 percent slopes                                    |
| SvqE  | Strawn loam, 18 to 25 percent slopes   |

**MLRA 111  
FOUNTAIN COUNTY SUBSET  
ALPHABETICAL IDENTIFICATION LEGEND**

|       |  |
|-------|--|
| SvqG  | Strawn loam, 25 to 70 percent slopes                     |
| SwdE  | Strawn-Rodman complex, 18 to 25 percent slopes           |
| SwdG  | Strawn-Rodman complex, 25 to 50 percent slopes           |
| TfdA  | Throckmorton silt loam, 0 to 2 percent slopes            |
| TfdB  | Throckmorton silt loam, 2 to 4 percent slopes            |
| TlxA  | Toronto silt loam, 0 to 2 percent slopes                 |
| TmcA  | Totanang silt loam, 0 to 2 percent slopes                |
| ThrA  | Treaty silty clay loam, 0 to 1 percent slopes            |
| UbyE  | Udorthents, loamy, 3 to 30 percent slopes                |
| Uea   | Urban land   |
| W     | Water  |
| WkmA  | Waupecan silt loam, 0 to 2 percent slopes                |
| WkmB2 | Waupecan silt loam, 2 to 6 percent slopes, eroded        |
| WmnA  | Waynetown silt loam, 0 to 2 percent slopes               |
| WmpA  | Wea loam, 0 to 2 percent slopes                          |
| WmpB2 | Wea loam, 2 to 6 percent slopes, eroded                  |
| WqvA  | Westland silty clay loam, 0 to 1 percent slopes          |
| WsuA  | Whitaker loam, 0 to 2 percent slopes                     |
| WtaA  | Whitaker silt loam, 0 to 2 percent slopes                |
| WufB2 | Williamstown silt loam, 2 to 6 percent slopes, eroded    |
| WvaA  | Wingate silt loam, 0 to 2 percent slopes                 |
| WvaB2 | Wingate silt loam, 2 to 6 percent slopes, eroded         |
| XabA  | Xenia silt loam, 0 to 2 percent slopes                   |
| XabB2 | Xenia silt loam, 2 to 6 percent slopes, eroded           |
| XfuB2 | Miami-Rainsville, complex, 2 to 6 percent slopes, eroded |
| XfuC2 | Miami-Rainsville, complex 6 to 12 percent slopes, eroded |
| YedA  | Yeddo silt loam, 0 to 2 percent slopes                   |

**CLASSIFICATION OF PEDONS SAMPLED FOR LABORATORY  
ANALYSIS FOR  
FOUNTAIN COUNTY SUBSET**

Fountain County data linked to OSD locations

| Sampled As   | Lab Number  | Publication Symbol | Approved Series | OSD Type |
|--------------|-------------|--------------------|-----------------|----------|
| Alford Var.  | S98IN045009 | ApIC2              | Angatoka        | yes      |
| Brownstown   | S98IN045006 | CfrG               | Cates           | yes      |
| Edwardsville | S98IN045001 | EcoA               | Edwardsville    | No       |
| Shadeland    | S98IN045007 | MrcA               | Mitiwanga       | No       |
| Silverwood   | S98in045010 | SlzA               | Silverwood      | yes      |

Other Fountain County Laboratory Data

| Sampled As | Lab Number    | Publication Symbol | Approved Series | OSD Type |
|------------|---------------|--------------------|-----------------|----------|
| Fincastle  | S98IN-045-002 | CudA               | Crosby          | No       |
| Crosby     | S59IND-23-2   | CudA               | Crosby          | No       |
| Crosby     | S59IND-23-3   | CudA               | Crosby          | No       |
| Elston     | S59IND-23-4   | EmdB2              | Elston          | No       |
| Elston     | S59IND-23-5   | EmdA               | Elston          | No       |
| High Gap   | S98IN-045-008 | LugB2              | Loudonville     | No       |
| Sleeth     | S59IND-23-6   | WmnA               | Waynetown       | No       |
| Sleeth     | S59IND-23-7   | WmnA               | Waynetown       | No       |
| Reesville  | S59IND-23-1   | YedA               | Yeddo           | No       |
| Reesville  | S59IND-23-8   | YedA               | Yeddo           | No       |

Other MLRA Laboratory data

| SAMPLED_AS     | COUNTY     | STATE | LAB_NUMBER   | PUB_SYM | APPROVED SERIES | OSD Type |
|----------------|------------|-------|--------------|---------|-----------------|----------|
| Shadeland Var. | Warren     | IN    | S84IN171020  | AbfA    | Adeland         | Yes      |
| Battleground   | Tippecanoe | IN    | S86IN1576    | BcgAI   | Battleground    | Yes      |
| Eel variant    | Montgomery | IN    | S78IN1074    | EdeAk   | Beckville       | Yes      |
| Birkbeck       | Montgomery | IN    | S80IN107     | BhyB2   | Birkbeck        | No       |
| Brenton        | Montgomery | IN    | S80IN1078    | BtcA    | Brenton         | Yes      |
| Camden         | Tippecanoe | IN    | S84IN15713   | CbaA    | Camden          | No       |
| Chalmers       | Tippecanoe | IN    | S84IN15714   | ChqA    | Chalmers        | No       |
| Crane          | Benton     | IN    | S80IN742     | CsuA    | Crane           | Yes      |
| Crosby         | Henry      | IN    | S78IN657     | CudA    | Crosby          | Yes      |
| Eel            | Randolph   | IN    | S78IN13514   | EdeAk   | Eel             | Yes      |
| Fairpoint      | Belmont    | OH    | BT18, 19, 20 | FamB    | Fairpoint       | Yes      |
| Fincastle      | Rush       | IN    | S78IN13912   | FdbA    | Fincastle       | Yes      |
| Weikert Var.   | Warren     | IN    | S98IN017001  | JcfG    | Judyville       | Yes      |
| Jasper variant | Tippecanoe | IN    | S84IN15728   | LfzB2   | Lauramie        | Yes      |

| SAMPLED_AS        | COUNTY     | STATE | LAB_NUMBER  | PUB_SYM | APPROVED SERIES | OSD Type |
|-------------------|------------|-------|-------------|---------|-----------------|----------|
| High Gap Var.     | Warren     | IN    | S85IN171001 | LugB2   | Loudonville     | No       |
| Mahalasville      | Montgomery | IN    | S80IN1075   | MamA    | Mahalasville    | No       |
| Mellott           | Tippecanoe | IN    | S86IN1577   | MjuA    | Mellott         | Yes      |
| Fairpoint variant | Owen       | IN    | S94IN119005 | MqlG    | Minnehaha       | Yes      |
| Octagon           | Tippecanoe | IN    | S84IN15720  | ObmB2   | Octagon         | No       |
| Pella             | Tippecanoe | IN    | S84IN15729  | PgaA    | Pella           | No       |
| Princeton         | Vigo       | IN    | S70IN842    | PvsB2   | Princeton       | Yes      |
| Raub              | Montgomery | IN    | S78IN10711  | RdvA    | Raub            | Yes      |
| Resselaer         | Johnson    | IN    | S71IN412    | RetA    | Rensselaer      | No       |
| Rockmill          | Fairfield  | OH    | FA35        | RosAk   | Rockmill        | Yes      |
| Rush              | Montgomery | IN    | S78IN10712  | RyfA    | Rush            | Yes      |
| Russell           | Putnam     | IN    | S76IN13354  | RywB2   | Russell         | Yes      |
| Washtenaw         | Elkhart    | IN    | S94IN039024 | SnLAP   | Southwest       | Yes      |
| St. Charles       | Montgomery | IN    | S80IN10714  | SseB2   | St. Charles     | No       |
| Strawn            | Tippecanoe | IN    | S84IN15717  | SvqG    | Strawn          | No       |
| Treaty            | Montgomery | IN    | S79IN1075   | ThrA    | Treaty          | Yes      |
| Waupecan          | Montgomery | IN    | S801079     | WkmA    | Waupecan        | No       |
| Williamstown      | Decatur    | IN    | S76IN13128  | WufB2   | Williamstown    | Yes      |
| Reesville         | Montgomery | IN    | S80IN10715  | YedA    | Yeddo           | Yes      |
|                   |            |       |             |         |                 |          |

**Notes to accompany the  
Classification and Correlation  
of the Soils of  
Fountain County, Indiana  
Prepared by Bennie Clark and Mike Wrigginton**

**ADELAND SERIES** – Previously correlated as Shadeland. This correlation establishes Adeland as a new series. The typical pedon for the subset taxonomic unit is from Warren County.

**ADRIAN SERIES** – This series replaces those soils previously correlated as Tawas series. The Tawas series has since been reclassified as Terric Haplosaprists and are considered to be frigid temperature regime. The typical pedon for the subset taxonomic unit is from Starke County.

**ALLISON SERIES** – This series replaces those soils previously correlated as Eel along the Wabash River. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**ANGATOKA SERIES** – Previously correlated as Alford. This correlation establishes Angatoka as a new series. The typical pedon for the subset taxonomic unit is from Fountain County. Lab data for CEC for the site is on the high end of active (.562). All associated soils have superactive CECs. Based on CECs of associated soils and this data being borderline to the superactive CEC class, this series is classified a superactive CEC.

**AYRSHIRE SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Fountain County.

**BATTLEGROUND SERIES** – This series replaces those soils previously correlated as Genesee silt loam along the Wabash River. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**BECKVILLE SERIES** – Correlated in previous soil survey. This series replaces some of those soils previously correlated as Eel along minor tributaries. The typical pedon for the subset taxonomic unit is from Montgomery County.

**BIRKBECK SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Montgomery County.

**BRENTON SERIES** – This series replaces some of those soils previously correlated as Crane. These soils are on outwash plains in areas with a 20 to 40 inch loess cap and do not have gravelly outwash in the substratums. The typical pedon for the subset taxonomic unit is from Champaign County, IL.

**BROUILLETT SERIES** – This series replaces those soils previously correlated as Huntsville. The typical pedon for the subset taxonomic unit is from Edgar County, Illinois.

**CAMDEN SERIES** – This series replaces some of those soils previously correlated as Ockley. These soils are on outwash plains in areas with a 20 to 40 inch loess cap and do not have gravelly outwash in the substratums. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**CATES SERIES** – Previously correlated as Muskingum stony. This correlation establishes Cates as a new series. The typical pedon for the subset taxonomic unit is from Fountain county.

**Notes to accompany the  
Classification and Correlation  
of the Soils of  
Fountain County, Indiana**

**CHALMERS SERIES** – This series replaces those soils previously correlated as Ragsdale Till Substratum. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**COLOMA SERIES** – This series replaces those previously correlated as Chelsea. The typical pedon for the subset taxonomic unit is from Kosciusko County.

**CRANE SERIES** – Correlated in previous soil survey. These soils are on outwash plains in areas with a loess cap less than 20 inches thick and have gravelly outwash substratums. The typical pedon for the subset taxonomic unit is from Benton County.

**CROSBY SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Henry County.

**DRUMMER SERIES** – This series replaces those soils previously correlated as Ragsdale with less than a 60 inch loess cap and Westland in depressional areas of outwash plains with a 40 to 60 inch loess cap. The typical pedon for the subset taxonomic unit is from Montgomery County.

**EDWARDSVILLE SERIES** – This series replaces some of those soils previously correlated as Sunbury on till plains with greater than a 60 inch loess cap and mollic surfaces greater than 10 inches thick. The typical pedon for the subset taxonomic unit is from Fountain County.

**EEL SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Randolph County.

**ELSTON SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Vigo County.

**FAIRPOINT SERIES** – This series replaces those soils in nearly level to gently sloping areas previously correlated as Mines, pits, dumps. The typical pedon for the subset taxonomic unit is from Belmont County, Ohio.

**FINCASTLE SERIES** – Correlated in previous soil survey. This series also replaces those soils previously correlated as Delmar. The typical pedon for the subset taxonomic unit is from Rush County.

**GENESEE SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Fayette County.

**JUDYVILLE SERIES** - Previously correlated as Muskingum stony. This correlation establishes Judyville as a new series. The typical pedon for the subset taxonomic unit is from Warren County.

**KENDALLVILLE SERIES** – This series replaces those soils previously correlated as Ockley 12 to 18 percent slopes. The typical pedon for the subset taxonomic unit is from Champaign County, Ohio.

**LAFAYETTE SERIES** - This series replaces those soils previously correlated as Crane with 24 to 40 inches loess. The typical pedon for the subset taxonomic unit is from Warren County.

**Notes to accompany the  
Classification and Correlation  
of the Soils of  
Fountain County, Indiana**

**LANDES SERIES** – Correlated in previous soil survey. This series is correlated for those units primarily along Coal Creek. The typical pedon for the subset taxonomic unit is from Fountain County.

**LASH SERIES** – This series replaces those soils correlated as Landes along the Wabash River. The typical pedon for the subset taxonomic unit is from Fountain County.

**LAURAMIE SERIES** – This series replaces those soils correlated as Sidell. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**LOUDONVILLE SERIES** – This series replaces those soils correlated as High Gap and Muskingum stony. The typical pedon for the subset taxonomic unit is from Warren County.

**MAHALALAND SERIES** - Previously correlated as Westland. This correlation establishes Mahalaland as a new series. It replaces Westland soils previously correlated on outwash plains and terraces with a loess cap of 20 to 40 inches. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**MAHALASVILLE SERIES** – This series replaces those soils previously correlated as Westland and Westland thin solum variant that lack gravelly outwash substratums. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**MAIMI SERIES** - Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Hendricks County.

**MARTINSVILLE SERIES** – This series replaces those soils previously correlated as Ockley 2 to 6 percent slopes with less than 10 percent gravel in series control section and Camden loam. The typical pedon for the subset taxonomic unit is from Hendricks County.

**MELLOTT SERIES** – This series was correlated to achieve an exact join with Tippecanoe County. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**MINNEHAHA SERIES** - This series replaces those very steep soils previously correlated as Mines, pits, dumps. The typical pedon for the subset taxonomic unit is from Owen County.

**MITIWANGA SERIES** – This series replaces those soils previously correlated as Shadeland. The typical pedon for the subset taxonomic unit is from Warren County. Lab data for this soil indicated low base status. Transect data showed stops with calcareous till within 50 inches of surface. Neither the area nor associated soils are considered to have low base status. This soil will be classified as Aeric Epiaqualfs.

**OCKLEY SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Rush County.

**OCTAGON SERIES** – This series was correlated to achieve an exact join with Montgomery County. The typical pedon for the subset taxonomic unit is from Montgomery County.

**Notes to accompany the  
Classification and Correlation  
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Fountain County, Indiana**

**PELLA SERIES** – This series replaces those previously correlated as Romney. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**PINEVILLAGE SERIES** – This series replaces some soils previously correlated as High Gap and Fox. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**PRINCETON SERIES** - Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Vigo County.

**RAGSDALE SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Montgomery County.

**RAINSVILLE SERIES** – This series replaces those soils previously correlated as Fox and Ockley with till substratums and some Miami soils that have outwash above the till. The typical pedon for the subset taxonomic unit is from Warren County.

**RAUB SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Montgomery County.

**RENSSELAER SERIES** – This series replaces those soils previously correlated as Romney and Westland with loamy substatums. The typical pedon for the subset taxonomic unit is from Johnson County.

**ROCKMILL SERIES** – This series replaces those soils previously correlated as Walkkill. The typical pedon for the subset taxonomic unit is from Fairfield County, Ohio.

**RODMAN SERIES** – Correlated in previous soil survey. This series also replaces some of those soils previously correlated as Princeton. The typical pedon for the subset taxonomic unit is from Fountain County.

**ROSSBURG SERIES** – This series replaces those soils previously correlated as Genesee and Huntsville. The typical pedon for the subset taxonomic unit is from Sandusky County, Ohio.

**RUSH SERIES** - This series was correlated to achieve an exact join with Montgomery County. This series also replaces those soils previously correlated as Ockley soils with a 20 to 40 inch loess cap. The typical pedon for the subset taxonomic unit is from Montgomery County.

**RUSSELL SERIES** –Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Putman County.

**SHOALS SERIES** - Correlated in previous soil survey. This series also replaces some of those soils previously correlated as Sloan. The typical pedon for the subset taxonomic unit is from Montgomery County.

**Notes to accompany the  
Classification and Correlation  
of the Soils of  
Fountain County, Indiana**

**SILVERWOOD SERIES** –Previously correlated as Fox. This correlation establishes Silverwood as a new series. The typical pedon for the subset taxonomic unit is from Fountain County. Lab data showed the BE had a clay increase from 13.9 to 17.2 percent, this increase is only borderline to classifying an argillic in the BE. Clay films were few discontinuous. It was decided to leave this horizon as BE. The CEC ratio of .605 was considered borderline to superactive class. It was decided to classify this as active for CEC class.

**SLEETH SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Bartholomew County.

**SLOAN SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Mercer County, Ohio.

**SOUTHWEST SERIES** – This series replaces those soils previously correlated as Washtenaw. The typical pedon for the subset taxonomic unit is from Elkhart County.

**St. CHARLES SERIES** - This series was correlated to achieve an exact join with Montgomery County. This series also replaces those soils previously correlated as Russell soils with a 40 to 60 inch loess cap. The typical pedon for the subset taxonomic unit is from Montgomery County.

**STARKS SERIES** – This series was correlated to achieve an exact join with Montgomery County. This series also replaces those soils previously correlated as Fincastle that developed in outwash . The typical pedon for the subset taxonomic unit is from Montgomery County.

**STRAWN SERIES** – This series replaces those soils previously correlated as Hennepin. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**THROCKMORTON SERIES** – This series replaces those soils previously correlated as Sidell and Wingate. The typical pedon for the subset taxonomic unit is from Tippecanoe County.

**TORONTO SERIES** - This series replaces those soils previously correlated as Sunbury on till plains with a 22 to 40 inch loess cap. The typical pedon for the subset taxonomic unit is from White County.

**TOTANANG SERIES** – Correlated previously as Tippecanoe. This correlation establishes Totanang as a new series. The typical pedon for the subset taxonomic unit is from Warren County.

**TREATY SERIES** – This series replaces those soils previously correlated as Brookston. The typical pedon for the subset taxonomic unit is from Montgomery County.

**WAUPECAN SERIES** – This series replaces those soils previously correlated as Wea with a loess cap of greater than 24 inches. The typical pedon for the subset taxonomic unit is from Montgomery County.

**WAYNETOWN SERIES** – This series replaces those soils previously correlated as Sleeth with a loess cap of 24 to 40 inches. The typical pedon for the subset taxonomic unit is from Montgomery County.

**Notes to accompany the  
Classification and Correlation  
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**WEA SERIES** – This series replaces those soils previously correlated as Warsaw. The typical pedon for the subset taxonomic unit is from Montgomery County.

**WESTLAND SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Wayne County.

**WHITAKER SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Marshall County.

**WILLIAMSTOWN SERIES** – This series replaces those soils previously correlated as Celina. The typical pedon for the subset taxonomic unit is from Decatur County,

**WINGATE SERIES** – This series replaces those soils previously correlated as Alford with a 20 to 40 inch loess cap. The typical pedon for the subset taxonomic unit is from Edgar County, Illinois.

**XENIA SERIES** – Correlated in previous soil survey. The typical pedon for the subset taxonomic unit is from Putnam County.

**YEDDO SERIES** - Correlated previously as Reesville. This correlation establishes Yeddo as a new series. The typical pedon for the subset taxonomic unit is from Montgomery County.

**FOUNTAIN COUNTY, INDIANA  
PRIME FARMLAND**

| <b>Symbol</b> | <b>Mapunit name</b>  |
|---------------|--|
| AbfA          | Adeland silt loam, 0 to 2 percent slopes (Prime farmland if drained)   |
| AjaAI         | Allison silt loam, 0 to 2 percent slopes, frequently flooded, long duration (Prime farmland if protected from flooding or not frequently flooded during the growing season)          |
| ApkA          | Angatoka silt loam, outwash substratum, 0 to 2 percent slopes  |
| AplA          | Angatoka silt loam, 0 to 2 percent slopes  |
| ApIB2         | Angatoka silt loam, 2 to 6 percent slopes, eroded  |
| AmkA          | Ayrshire loam, 0 to 2 percent slopes (Prime farmland if drained)   |
| BcgAI         | Battleground silt loam, 0 to 2 percent slopes, frequently flooded, long duration (Prime farmland if protected from flooding or not frequently flooded during the growing season)     |
| BhyA          | Birkbeck silt loam, 0 to 2 percent slopes  |
| BhyB2         | Birkbeck silt loam, 2 to 6 percent slopes, eroded  |
| BtcA          | Brenton-raub complex, 0 to 2 percent slopes (Prime farmland if drained)  |
| BvIAK         | Brouillett silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration (Prime farmland if protected from flooding or not frequently flooded during the growing season)    |
| CbaA          | Camden silt loam, 0 to 2 percent slopes  |
| CbaB2         | Camden silt loam, 2 to 6 percent slopes, eroded  |
| ChqA          | Chalmers silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)  |
| CsuA          | Crane silt loam, 0 to 2 percent slopes (Prime farmland if drained)   |
| CudA          | Crosby silt loam, 0 to 2 percent slopes (Prime farmland if drained)  |
| DpbA          | Drummer silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)   |
| EcoA          | Edwardsville silt loam, 0 to 2 percent slopes  |
| EdeAK         | Eel and beckville soils, 0 to 2 percent slopes, occasionally flooded, brief duration (Prime farmland if protected from flooding or not frequently flooded during the growing season) |
| EmdA          | Elston sandy loam, 0 to 2 percent slopes   |
| EmdB          | Elston sandy loam, 2 to 6 percent slopes   |
| FdbA          | Fincastle silt loam, 0 to 2 percent slopes (Prime farmland if drained)   |
| FdbB          | Fincastle silt loam, 2 to 4 percent slopes (Prime farmland if drained)   |
| GcaAK         | Genesee soils, 0 to 2 percent slopes, occasionally flooded, brief duration (Prime farmland if protected from flooding or not frequently flooded during the growing season)           |
| LbrA          | Lafayette silt loam, 0 to 2 percent slopes (Prime farmland if drained)   |
| LdxAK         | Landes fine sandy loam, 0 to 2 percent slopes, occasionally flooded, brief duration (Prime farmland if protected from flooding or not frequently flooded during the growing season)  |
| LfuAI         | Lash fine sandy loam, 0 to 2 percent slopes, frequently flooded, long duration (Prime farmland if protected from flooding or not frequently flooded during the growing season)       |
| LfzB2         | Lauramie silt loam, 2 to 6 percent slopes, eroded  |
| LugA          | Loudonville silt loam, 0 to 2 percent slopes   |
| LugB2         | Loudonville silt loam, 2 to 6 percent slopes, eroded   |

| Symbol | Mapunit name  |
|--------|---|
| MamA   | Mahalasville silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)                             |
| MaoA   | Mahalalands silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)                              |
| MapA   | Mahalasville silty clay loam, bedrock substratum, 0 to 1 percent slopes (Prime farmland if drained)         |
| MecB2  | Martinsville loam, 2 to 6 percent slopes, eroded  |
| MjuA   | Mellott silt loam, 0 to 2 percent slopes  |
| MrcA   | Mitiwanga silt loam, 0 to 2 percent slopes (Prime farmland if drained)                                      |
| ObmB2  | Octagon silt loam, 2 to 6 percent slopes, eroded  |
| ObxA   | Ockley silt loam, 0 to 2 percent slopes   |
| ObxB2  | Ockley silt loam, 2 to 6 percent slopes, eroded   |
| PvsA   | Princeton fine sandy loam, 0 to 2 percent slopes  |
| PvsB2  | Princeton fine sandy loam, 2 to 6 percent slopes, eroded  |
| RbfA   | Ragsdale silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)                                 |
| RbuB2  | Rainsville silt loam, 2 to 6 percent slopes, eroded   |
| RdvA   | Raub silt loam, 0 to 2 percent slopes (Prime farmland if drained)   |
| RetA   | Rensselaer silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)                               |
| RosAK  | Rockmill silt loam, 0 to 1 percent slopes, occasionally flooded, brief duration (Prime farmland if drained) |
| RtxAK  | Rosburg silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration                              |
| RyfA   | Rush silt loam, 0 to 2 percent slopes   |
| RyfB2  | Rush silt loam, 2 to 6 percent slopes, eroded   |
| RywB2  | Russell silt loam, 2 to 6 percent slopes, eroded  |
| SldAK  | Shoals silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration (Prime farmland if drained)   |
| SlyA   | Silverwood silt loam, 0 to 2 percent slopes   |
| SlyB2  | Silverwood silt loam, 2 to 6 percent slopes, eroded   |
| SlzA   | Silverwood loam, 0 to 2 percent slopes  |
| SlzB2  | Silverwood loam, 2 to 6 percent slopes, eroded  |
| SngA   | Sleeth silt loam, 0 to 2 percent slopes (Prime farmland if drained)   |
| SnIAP  | Southwest silt loam, 0 to 1 percent slopes, ponded, brief duration (Prime farmland if drained)              |
| SseB2  | St Charles silt loam, 2 to 6 percent slopes, eroded   |
| SteA   | Starks silt loam, 0 to 2 percent slopes (Prime farmland if drained)   |
| StkA   | Starks-fincastle complex, 0 to 2 percent slopes (Prime farmland if drained)                                 |
| TfdA   | Throckmorton silt loam, 0 to 2 percent slopes   |
| TfdB   | Throckmorton silt loam, 2 to 4 percent slopes   |
| TlxA   | Toronto silt loam, 0 to 2 percent slopes (Prime farmland if drained)  |
| TmcA   | Totanang silt loam, 0 to 2 percent slopes   |
| ThrA   | Treaty silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)                                   |
| WkmA   | Waupecan silt loam, 0 to 2 percent slopes   |
| WkmB2  | Waupecan silt loam, 2 to 6 percent slopes, eroded   |
| WmnA   | Waynetown silt loam, 0 to 2 percent slopes (Prime farmland if drained)                                      |
| WmpA   | Wea loam, 0 to 2 percent slopes   |
| WmpB2  | Wea loam, 2 to 6 percent slopes, eroded   |
| WqvA   | Westland silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)                                 |
| WsuA   | Whitaker loam, 0 to 2 percent slopes (Prime farmland if drained)  |
| WtaA   | Whitaker silt loam, 0 to 2 percent slopes (Prime farmland if drained)                                       |

| <b>Symbol</b> | <b>Mapunit name</b>  |
|---------------|--|
| WufB2         | Williamstown silt loam, 2 to 6 percent slopes, eroded              |
| WvaA          | Wingate silt loam, 0 to 2 percent slopes                           |
| WvaB2         | Wingate silt loam, 2 to 6 percent slopes, eroded                   |
| XabA          | Xenia silt loam, 0 to 2 percent slopes                             |
| XabB2         | Xenia silt loam, 2 to 6 percent slopes, eroded                     |
| XfuB2         | Miami-rainsville complex, 2 to 6 percent slopes, eroded            |
| YedA          | Yeddo silt loam, 0 to 2 percent slopes (Prime farmland if drained) |

**CLASSIFICATION OF THE SOILS  
OF  
FOUNTAIN COUNTY, INDIANA**

| <b>Soil name</b> | <b>Family or higher taxonomic class</b>                             |
|------------------|---|
| Adeland          | Fine, mixed, superactive, mesic Aeric Endoaqualfs                   |
| Adrian           | Sandy or sandy-skeletal, mixed, euic, mesic Terric Medisaprists     |
| Allison          | Fine-silty, mixed, superactive, mesic Cumulic Hapludolls            |
| Angatoka         | Fine-silty, mixed, superactive, mesic Ultic Hapludalfs              |
| Ayrshire         | Fine-loamy, mixed, active, mesic Aeric Endoaqualfs                  |
| Battleground     | Fine-silty, mixed, superactive, mesic Fluventic Hapludolls          |
| Beaucoup         | Fine-silty, mixed, superactive, mesic Fluvaquentic Endoaquolls      |
| Beckville        | Coarse-loamy, mixed, superactive, nonacid, mesic Aquic Udifluvents  |
| Birkbeck         | Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs           |
| Brenton          | Fine-silty, mixed, superactive, mesic Aquic Argiudolls              |
| Brouillett       | Fine-loamy, mixed, superactive, mesic Aquic Cumulic Hapludolls      |
| Camden           | Fine-silty, mixed, superactive, mesic Typic Hapludalfs              |
| Cates            | Loamy-skeletal, mixed, active, mesic Dystric Eutrudepts             |
| Chalmers         | Fine-silty, mixed, superactive, mesic Typic Endoaquolls             |
| Coloma           | Mixed, mesic Argic Udipsamments                                     |
| Crane            | Fine-loamy, mixed, active, mesic Aquic Argiudolls                   |
| Crosby           | Fine, mixed, active, mesic Aeric Epiaqualfs                         |
| Crosby           | Fine, mixed, mesic Aeric Epiaqualfs                                 |
| Drummer          | Fine-silty, mixed, superactive, mesic Typic Endoaquolls             |
| Edwardsville     | Fine-silty, mixed, superactive, mesic Aquic Argiudolls              |
| Eel              | Fine-loamy, mixed, superactive, nonacid, Fluvaquentic Eutrudepts    |
| Elston           | Coarse-loamy, mixed, active, mesic Typic Argiudolls                 |
| Fairpoint        | Loamy-skeletal, mixed, semiactive, nonacid, mesic Typic Udorthents  |
| Fincastle        | Fine-silty, mixed, superactive, mesic Aeric Epiaqualfs              |
| Genesee          | Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Eutrudepts |

| <b>Soil name</b> | <b>Family or higher taxonomic class</b>                                  |
|------------------|--|
| Judyville        | Coarse-loamy, mixed, active, mesic Typic Eutrudepts                      |
| Kendallville     | Fine-loamy, mixed, active, mesic Typic Hapludalfs                        |
| Lafayette        | Fine-silty, mixed, superactive, mesic Aquic Argiudolls                   |
| Landes           | Coarse-loamy, mixed, superactive, mesic Fluventic Hapludolls             |
| Lash             | Coarse-loamy, mixed, superactive, mesic Fluventic Hapludolls             |
| Lauramie         | Fine-loamy, mixed, active, mesic Mollic Hapludalfs                       |
| Loudonville      | Fine-loamy, mixed, active, mesic Ultic Hapludalfs                        |
| Mahalaland       | Fine-silty, mixed, superactive, mesic Typic Argiaquolls                  |
| Mahalasville     | Fine-silty, mixed, superactive, mesic Typic Argiaquolls                  |
| Martinsville     | Fine-loamy, mixed, active, mesic Typic Hapludalfs                        |
| Mellott          | Fine-silty, mixed, superactive, mesic Mollic Hapludalfs                  |
| Miami            | Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs                     |
| Minnehaha        | Fine-loamy, mixed, active, nonacid, mesic Alfic Udarents                 |
| Mitiwanga        | Fine-loamy, mixed, active, mesic Aeric Endoaqualfs                       |
| Ockley           | Fine-loamy, mixed, active, mesic Typic Hapludalfs                        |
| Octagon          | Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs                     |
| Pella            | Fine-silty, mixed, superactive, mesic Typic Endoaquolls                  |
| Pinevillage      | Loamy-skeletal, mixed (calcareous), mesic Typic Udifluvents              |
| Princeton        | Fine-loamy, mixed, active, mesic Typic Hapludalfs                        |
| Ragsdale         | Fine-silty, mixed, superactive, mesic Typic Argiaquolls                  |
| Rainsville       | Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs                     |
| Raub             | Fine-silty, mixed, superactive, mesic Aquic Argiudolls                   |
| Rensselaer       | Fine-loamy, mixed, superactive, mesic Typic Argiaquolls                  |
| Rockmill         | Fine-silty, mixed, superactive, nonacid, mesic Thapto-Histic Fluvaquents |
| Rodman           | Sandy-skeletal, mixed, mesic Typic Hapludolls                            |
| Rosburg          | Fine-loamy, mixed, superactive, mesic Fluventic Hapludolls               |
| Rush             | Fine-silty, mixed, superactive, mesic Typic Hapludalfs                   |
| Russell          | Fine-silty, mixed, superactive, mesic Typic Hapludalfs                   |

| <b>Soil name</b> | <b>Family or higher taxonomic class</b>                          |
|------------------|--|
| Shoals           | Fine-loamy, mixed, superactive, nonacid, mesic Aeric Fluvaquents |
| Silverwood       | Loamy-skeletal, mixed, active, mesic Typic Hapludalfs            |
| Sleeth           | Fine-loamy, mixed, active, mesic Aeric Endoaqualfs               |
| Sloan            | Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls   |
| Southwest        | Fine-silty, mixed, active, nonacid, mesic Typic Fluvaquents      |
| St. Charles      | Fine-silty, mixed, superactive, mesic Typic Hapludalfs           |
| Starks           | Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs          |
| Strawn           | Fine-loamy, mixed, active mesic Typic Hapludalfs                 |
| Throckmorton     | Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs        |
| Toronto          | Fine-silty, mixed, superactive, mesic Udollic Epiaqualfs         |
| Totanang         | Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls        |
| Treaty           | Fine-silty, mixed, superactive, mesic Typic Argiaquolls          |
| Udorthents       | Loamy Udorthents   |
| Waupecan         | Fine-silty, mixed, superactive, mesic Typic Argiudolls           |
| Waynetown        | Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs          |
| Wea              | Fine-loamy, mixed, active, mesic Typic Argiudolls                |
| Westland         | Fine-loamy, mixed, superactive, mesic Typic Argiaquolls          |
| Whitaker         | Fine-loamy, mixed, active, mesic Aeric Endoaqualfs               |
| Williamstown     | Fine-loamy, mixed, active, mesic Aquic Hapludalfs                |
| Wingate          | Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs        |
| Xenia            | Fine-silty, mixed, superactive, mesic Aquic Hapludalfs           |
| Yeddo            | Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs          |

## CERTIFICATION STATEMENT

The MLRA Region 11 Team Leader certifies that:

- a. The fieldwork activities were completed in December 1998.
- b. Fountain County joins the following survey areas:

Warren County to the northwest was published in 1990.

Vermillion County to the southwest was published in 1978.

Parke County to the south was published in 1967.

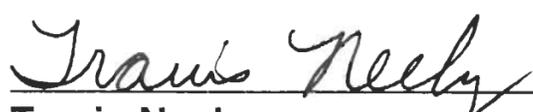
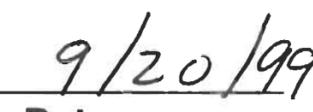
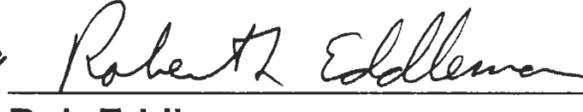
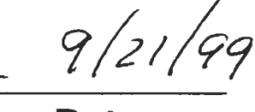
Montgomery County to the southeast was published in 1989.

Tippecanoe County to the northeast was published in 1998.

An exact join will be completed when these counties are updated to the MLRA legend.

- c. Interpretations have been coordinated and agree with adjoining survey areas.
- d. The location of all typical pedons has been checked for correct location and for the soil delineations using that name. Typical pedons are those that represent the taxonomic units in MLRA 111. Not all typical pedons are located in Fountain County, but are within other subsets of MLRA 111.
- e. All typical pedons are classified according to Keys of Soil Taxonomy, Eighth edition, 1998.
- f. The digital soil maps once completed will be reviewed for accuracy and consistency.

### Approval Signature and Date

|  |   |  |   |
|--|---|--|---|
|  |  |  |  |
| Travis Neely   | Date  | Bob Eddleman,  | Date  |
| MLRA Region 11 Team Leader   |   | State Conservationist  |   |
| USDA, NRCS   |   | USDA, NRCS   |   |
| Indianapolis, IN 46278   |   | Indianapolis, IN 46278   |   |