

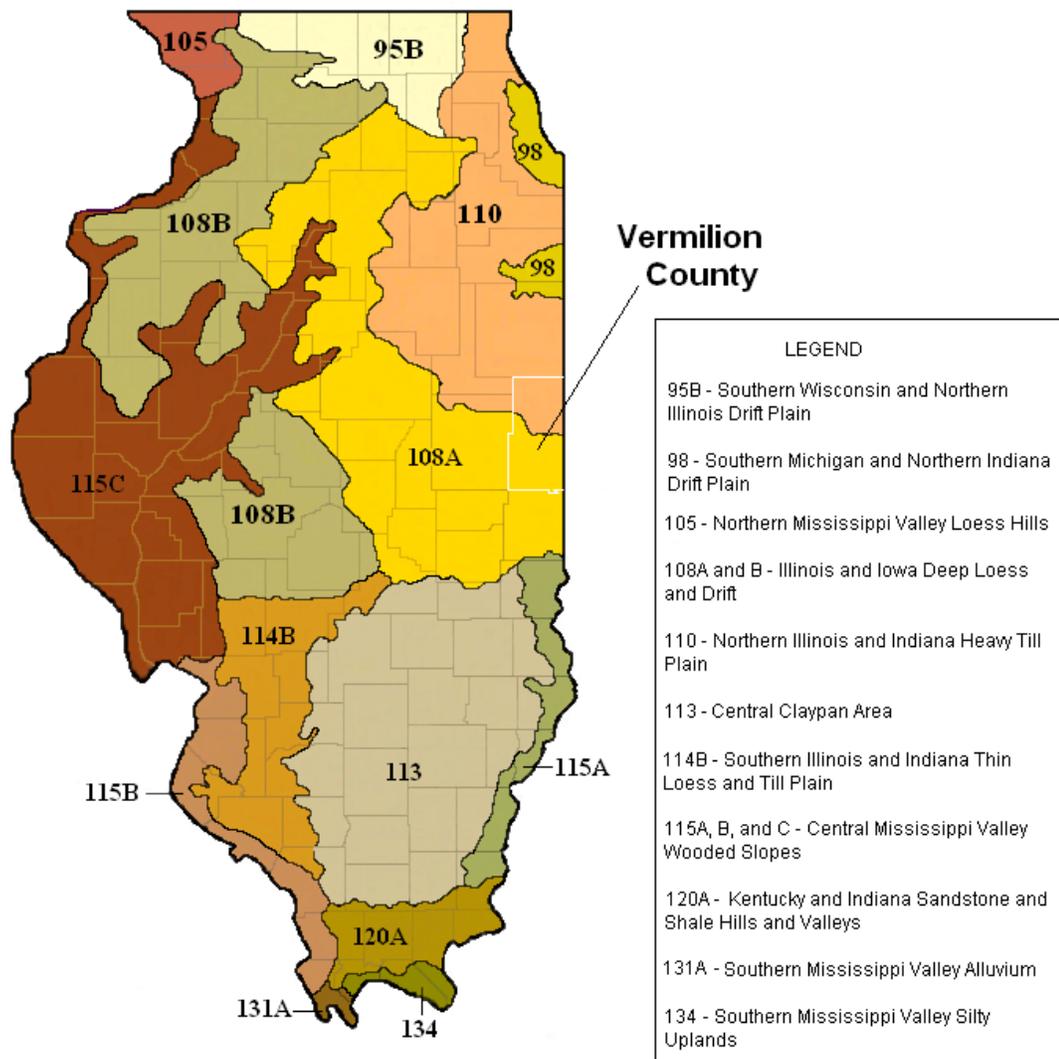
United States Department of
Agriculture

Natural Resources
Conservation Service

East Central Glaciated
Regional MLRA
Soil Survey Office
Indianapolis, IN

Classification and Correlation of Soils in Vermilion County, Illinois

A Subset of MLRA 108A and 110



June 2006

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**United States Department of Agriculture
Natural Resources Conservation Service**

**Classification and Correlation
Of the Soils of
Vermilion County, Illinois**

A Subset of MLRA 108A and 110

June 2006

This correlation was prepared by Dale E. Calsyn, MLRA team leader, Aurora; Kristine A. Ashpole, Soil Scientist, Aurora; Asghar A. Chowdhery, Soil Data Quality Specialist (SDQS) MLRA Region 11 team, Indianapolis, IN; and John C. Doll, MLRA Update Coordinator, Champaign State Office. It was prepared as part of the update of the Soil Survey of Vermilion County, a subset of MLRA 108A and 110. Legend assistance was held February 28 – March 1, 2006. This correlation is based on decisions made at that conference. Decisions were based on field notes, pedon descriptions, field soil maps, "Classification and Correlation of the Soils of Vermilion County, Illinois" - May 1987, and the published soil survey report - February 1996.

Headnote for detailed soil survey legend:

This update of the Soil Survey of Vermilion County, Illinois is an update of a subset of the Soil Survey of Major Land Resource Areas (MLRA) 108A and 110. Map units and their symbols and special and conventional symbols are consistent between subsets that are being updated. Map unit symbols consist of a combination of numbers and letters. The initial numbers represent the kind of soil. A capital letter following those numbers indicates the class of slope. 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. Map unit symbols without a slope class letter are for miscellaneous units.

Soil Correlation Legend of Vermilion County, Illinois

(This legend represents the majority of the standard correlations that took place with this update. With certain polygons, however, correlations were made outside this legend which were based on field investigations, enhanced photo tones, topographic maps, changes in land use, and/or refined soil-landscape relationships.)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
17 17A	Keomah silt loam Keomah silt loam, 0 to 2 percent slopes	17A	Keomah silt loam, 0 to 2 percent slopes
23A 2023B	Blount silt loam, 0 to 2 percent slopes Blount-Urban land complex, 1 to 6 percent slopes	23A	Blount silt loam, 0 to 2 percent slopes
23B2 23B2 2023B	Blount silt loam, 2 to 4 percent slopes, eroded Blount silt loam, 2 to 5 percent slopes, eroded Blount-Urban land complex, 1 to 6 percent slopes	23B2	Blount silt loam, 2 to 4 percent slopes, eroded
43 43A	Ipava silt loam Ipava silt loam, 0 to 2 percent slopes	43A	Ipava silt loam, 0 to 2 percent slopes
56B2	Dana silt loam, 2 to 5 percent slopes, eroded	56B2	Dana silt loam, 2 to 5 percent slopes, eroded
59 59A	Lisbon silt loam Lisbon silt loam, 0 to 2 percent slopes	59A	Lisbon silt loam, 0 to 2 percent slopes
67 67A	Harpster silty clay loam Harpster silty clay loam, 0 to 2 percent slopes	67A	Harpster silty clay loam, 0 to 2 percent slopes
68 68A	Sable silty clay loam Sable silty clay loam, 0 to 2 percent slopes	68A	Sable silty clay loam, 0 to 2 percent slopes
69 69A	Milford silty clay loam Milford silty clay loam, 0 to 2 percent slopes	69A	Milford silty clay loam, 0 to 2 percent slopes
88B	Sparta loamy fine sand, 1 to 6 percent slopes	88B	Sparta loamy fine sand, 1 to 6 percent slopes
91A	Swygert silty clay loam, 0 to 2 percent slopes	91A	Swygert silty clay loam, 0 to 2 percent slopes
91B2 91B2	Swygert silty clay loam, 2 to 4 percent slopes, eroded Swygert silty clay loam, 2 to 5 percent slopes, eroded	91B2	Swygert silty clay loam, 2 to 4 percent slopes, eroded
91C2 91C2	Swygert silty clay loam, 4 to 6 percent slopes, eroded Swygert silty clay loam, 5 to 7 percent slopes, eroded	91C2	Swygert silty clay loam, 4 to 6 percent slopes, eroded
102 102A	La Hogue loam La Hogue loam, 0 to 2 percent slopes	102A	La Hogue loam, 0 to 2 percent slopes
125 125A	Selma silt loam Selma loam, 0 to 2 percent slopes	125A	Selma loam, 0 to 2 percent slopes
131B 131B	Alvin fine sandy loam, 1 to 5 percent slopes Alvin fine sandy loam, 2 to 5 percent slopes	131B	Alvin fine sandy loam, 2 to 5 percent slopes
132 132A	Starks silt loam Starks silt loam, 0 to 2 percent slopes	132A	Starks silt loam, 0 to 2 percent slopes
134B 134B	Camden silt loam, 1 to 5 percent slopes Camden silt loam, 2 to 5 percent slopes	134B	Camden silt loam, 2 to 5 percent slopes
145B2	Saybrook silt loam, 2 to 5 percent slopes, eroded	145B2	Saybrook silt loam, 2 to 5 percent slopes, eroded

Vermilion County, IL Correlation Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
146A 2146A	Elliott silt loam, 0 to 2 percent slopes Elliott-Urban land complex, 0 to 3 percent slopes	146A	Elliott silt loam, 0 to 2 percent slopes
146B2 146B2 2146A	Elliott silty clay loam, 2 to 4 percent slopes, eroded Elliott silty clay loam, 2 to 6 percent slopes, eroded Elliott-Urban land complex, 0 to 3 percent slopes	146B2	Elliott silty clay loam, 2 to 4 percent slopes, eroded
146B2 146C2	Elliott silty clay loam, 2 to 6 percent slopes, eroded Elliott silty clay loam, 4 to 6 percent slopes, eroded	146C2	Elliott silty clay loam, 4 to 6 percent slopes, eroded
147A	Clarence silty clay loam, 0 to 2 percent slopes	147A	Clarence silty clay loam, 0 to 2 percent slopes
147B2 147B2	Clarence silty clay, 2 to 4 percent slopes, eroded Clarence silty clay loam, 2 to 6 percent slopes, eroded	147B2	Clarence silty clay loam, 2 to 4 percent slopes, eroded
147B2 147C2	Clarence silty clay, 2 to 6 percent slopes, eroded Clarence silty clay loam, 4 to 6 percent slopes, eroded	147C2	Clarence silty clay loam, 4 to 6 percent slopes, eroded
148A	Proctor silt loam, 0 to 2 percent slopes	148A	Proctor silt loam, 0 to 2 percent slopes
148B	Proctor silt loam, 2 to 5 percent slopes	148B	Proctor silt loam, 2 to 5 percent slopes
148C2 148C2	Proctor silt loam, 5 to 8 percent slopes, eroded Proctor silt loam, 5 to 10 percent slopes, eroded	148C2	Proctor silt loam, 5 to 10 percent slopes, eroded
149 149A	Brenton silt loam Brenton silt loam, 0 to 2 percent slopes	149A	Brenton silt loam, 0 to 2 percent slopes
150B	Onarga fine sandy loam, 2 to 5 percent slopes	150B	Onarga fine sandy loam, 2 to 5 percent slopes
150C2 150C2	Onarga fine sandy loam, 5 to 8 percent slopes, eroded Onarga fine sandy loam, 5 to 10 percent slopes, eroded	150C2	Onarga fine sandy loam, 5 to 10 percent slopes, eroded
152 152A 2152	Drummer silty clay loam Drummer silty clay loam, 0 to 2 percent slopes Drummer-Urban land complex	152A	Drummer silty clay loam, 0 to 2 percent slopes
153 153A	Pella silty clay loam Pella silty clay loam, 0 to 2 percent slopes	153A	Pella silty clay loam, 0 to 2 percent slopes
154 154A	Flanagan silt loam Flanagan silt loam, 0 to 2 percent slopes	154A	Flanagan silt loam, 0 to 2 percent slopes
171B	Catlin silt loam, 2 to 5 percent slopes	171B	Catlin silt loam, 2 to 5 percent slopes
182	Peotone mucky silty clay loam, marly substratum	182A	Peotone mucky silty clay loam, 0 to 2 percent slopes, marly substratum
182A	Peotone mucky silty clay loam, 0 to 2 percent slopes, marly substratum		
198 198A	Elburn silt loam Elburn silt loam, 0 to 2 percent slopes	198A	Elburn silt loam, 0 to 2 percent slopes
199B	Plano silt loam, 2 to 5 percent slopes	199B	Plano silt loam, 2 to 5 percent slopes
221B2 495B2	Parr silt loam, 2 to 5 percent slopes, eroded Corwin silt loam, 2 to 5 percent slopes, eroded	221B2	Parr silt loam, 2 to 5 percent slopes, eroded

Vermilion County, IL Correlation Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
221C3 221C3	Parr clay loam, 5 to 10 percent slopes, severely eroded Parr loam, 5 to 12 percent slopes, severely eroded	221C3	Parr clay loam, 5 to 10 percent slopes, severely eroded
223B2 223B2	Varna silt loam, 2 to 4 percent slopes, eroded Varna silt loam, 2 to 5 percent slopes, eroded	223B2	Varna silt loam, 2 to 4 percent slopes, eroded
223C2 223C2	Varna silt loam, 4 to 6 percent slopes, eroded Varna silt loam, 5 to 8 percent slopes, eroded	223C2	Varna silt loam, 4 to 6 percent slopes, eroded
223C2 223D2	Varna silt loam, 5 to 8 percent slopes, eroded Varna silt loam, 6 to 12 percent slopes, eroded	223D2	Varna silt loam, 6 to 12 percent slopes, eroded
224G	Strawn silt loam, 35 to 75 percent slopes	224G	Strawn silt loam, 35 to 75 percent slopes
230 230A	Rowe silty clay Rowe silty clay, 0 to 2 percent slopes	230A	Rowe silty clay, 0 to 2 percent slopes
232 232A 2232	Ashkum silty clay loam Ashkum silty clay loam, 0 to 2 percent slopes Ashkum-Urban land complex	232A	Ashkum silty clay loam, 0 to 2 percent slopes
233B 233B	Birkbeck silt loam, 1 to 5 percent slopes Birkbeck silt loam, 2 to 5 percent slopes	233B	Birkbeck silt loam, 2 to 5 percent slopes
235 235A	Bryce silty clay Bryce silty clay, 0 to 2 percent slopes	235A	Bryce silty clay, 0 to 2 percent slopes
236 236A	Sabina silt loam Sabina silt loam, 0 to 2 percent slopes	236A	Sabina silt loam, 0 to 2 percent slopes
238 238A	Rantoul silty clay Rantoul silty clay, 0 to 2 percent slopes	238A	Rantoul silty clay, 0 to 2 percent slopes
241C	Chatsworth silty clay, 5 to 10 percent slopes	241D3	Chatsworth silty clay, 6 to 12 percent slopes, severely eroded
241D3	Chatsworth silty clay, 6 to 12 percent slopes, severely eroded		
242 242A 2242A	Kendall silt loam Kendall silt loam, 0 to 2 percent slopes Kendall-Urban land complex, 0 to 3 percent slopes	242A	Kendall silt loam, 0 to 2 percent slopes
291B 291B 2291B	Xenia silt loam, 1 to 5 percent slopes Xenia silt loam, 2 to 5 percent slopes Xenia-Urban land complex, 1 to 5 percent slopes	291B	Xenia silt loam, 2 to 5 percent slopes
293 293A	Andres loam Andres silt loam, 0 to 2 percent slopes	293A	Andres silt loam, 0 to 2 percent slopes
294B 294B	Symerton loam, 2 to 5 percent slopes Symerton silt loam, 2 to 5 percent slopes	294B	Symerton silt loam, 2 to 5 percent slopes
295 295A	Mokena loam Mokena silt loam, 0 to 2 percent slopes	295A	Mokena silt loam, 0 to 2 percent slopes
330 330A	Peotone silty clay loam Peotone silty clay loam, 0 to 2 percent slopes	330A	Peotone silty clay loam, 0 to 2 percent slopes
387B 387B	Ockley loam, 1 to 4 percent slopes Ockley silt loam, 2 to 5 percent slopes	387B	Ockley silt loam, 2 to 5 percent slopes
440A	Jasper loam, 0 to 2 percent slopes	440A	Jasper loam, 0 to 2 percent slopes

Vermilion County, IL Correlation Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
440B	Jasper loam, 2 to 5 percent slopes	440B	Jasper loam, 2 to 5 percent slopes
440C2	Jasper loam, 5 to 10 percent slopes, eroded	440C2	Jasper loam, 5 to 10 percent slopes, eroded
448B 448B	Mona silt loam, 1 to 5 percent slopes Mona silt loam, 2 to 5 percent slopes	448B	Mona silt loam, 2 to 5 percent slopes
481 481A	Raub silt loam Raub silt loam, 0 to 2 percent slopes	481A	Raub silt loam, 0 to 2 percent slopes
490 490A	Odell loam Odell silt loam, 0 to 2 percent slopes	490A	Odell silt loam, 0 to 2 percent slopes
496A	Fincastle silt loam, 0 to 2 percent slopes	496A	Fincastle silt loam, 0 to 2 percent slopes
496B2 496B2	Fincastle silt loam, 2 to 5 percent slopes, eroded Fincastle silt loam, 2 to 6 percent slopes, eroded	496B2	Fincastle silt loam, 2 to 5 percent slopes, eroded
194C2 530C2 2023B	Morley silt loam, 5 to 10 percent slopes, eroded Ozaukee silt loam, 4 to 6 percent slopes, eroded Blount-Urban land complex, 1 to 6 percent slopes	530C2	Ozaukee silt loam, 4 to 6 percent slopes, eroded
194C2 194D3 530D2	Morley silt loam, 5 to 10 percent slopes, eroded Morley silt loam, 10 to 18 percent slopes, severely eroded Ozaukee silt loam, 6 to 12 percent slopes, eroded	530D2	Ozaukee silt loam, 6 to 12 percent slopes, eroded
194D3 530D3	Morley silt loam, 10 to 18 percent slopes, severely eroded Ozaukee silty clay loam, 6 to 12 percent slopes, severely eroded	530D3	Ozaukee silty clay loam, 6 to 12 percent slopes, severely eroded
194D3 194F 530E2	Morley silt loam, 10 to 18 percent slopes, severely eroded Morley silt loam, 18 to 35 percent slopes Ozaukee silt loam, 12 to 20 percent slopes, eroded	530E2	Ozaukee silt loam, 12 to 20 percent slopes, eroded
194F 530F	Morley silt loam, 18 to 35 percent slopes Ozaukee silt loam, 20 to 30 percent slopes	530F	Ozaukee silt loam, 20 to 30 percent slopes
194F 194G 530G	Morley silt loam, 18 to 35 percent slopes Morley silt loam, 35 to 70 percent slopes Ozaukee silt loam, 30 to 70 percent slopes	530G	Ozaukee silt loam, 30 to 70 percent slopes
533	Urban land	533	Urban land
536	Dumps, mine	536	Dumps, mine
549G	Marseilles loam, 40 to 80 percent slopes	549G	Marseilles loam, 40 to 80 percent slopes
570B 570B 2570B	Martinsville loam, 2 to 5 percent slopes Martinsville silt loam, 2 to 5 percent slopes Martinsville-Urban land complex, 1 to 5 percent slopes	570B	Martinsville silt loam, 2 to 5 percent slopes
570C2 570C2	Martinsville loam, 5 to 10 percent slopes, eroded Martinsville loam, 5 to 12 percent slopes, eroded	570C2	Martinsville loam, 5 to 10 percent slopes, eroded
570C2 570D2 570F	Martinsville loam, 5 to 12 percent slopes, eroded Martinsville loam, 10 to 18 percent slopes, eroded Martinsville sandy loam, 16 to 35 percent slopes	570D2	Martinsville loam, 10 to 18 percent slopes, eroded
570F 570F	Martinsville loam, 18 to 35 percent slopes Martinsville sandy loam, 16 to 35 percent slopes	570F	Martinsville loam, 18 to 35 percent slopes

Vermilion County, IL Correlation Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
571 571A	Whitaker loam Whitaker loam, 0 to 2 percent slopes	571A	Whitaker loam, 0 to 2 percent slopes
27C3 618C2	Miami silt loam, 5 to 12 percent slopes, severely eroded Senachwine silt loam, 5 to 10 percent slopes, eroded	618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded
27C3 618C3	Miami silt loam, 5 to 12 percent slopes, severely eroded Senachwine clay loam, 5 to 10 percent slopes, severely eroded	618C3	Senachwine clay loam, 5 to 10 percent slopes, severely eroded
27C3 27F 618D2	Miami silt loam, 5 to 12 percent slopes, severely eroded Miami loam, 16 to 35 percent slopes Senachwine silt loam, 10 to 18 percent slopes, eroded	618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
27F 618E2	Miami loam, 16 to 35 percent slopes Senachwine silt loam, 18 to 25 percent slopes, eroded	618E2	Senachwine silt loam, 18 to 25 percent slopes, eroded
27F 618F	Miami loam, 16 to 35 percent slopes Senachwine silt loam, 18 to 35 percent slopes	618F	Senachwine silt loam, 18 to 35 percent slopes
398 623A	Wea silt loam Kishwaukee silt loam, 0 to 2 percent slopes	623A	Kishwaukee silt loam, 0 to 2 percent slopes
687B	Penfield loam, 2 to 5 percent	687B	Penfield loam, 2 to 5 percent
362 758A	Whitaker variant loam Haskins loam, 0 to 2 percent slopes	758A	Haskins loam, 0 to 2 percent slopes
802B	Orthents, loamy, undulating	802B	Orthents, loamy, undulating
802F	Orthents, loamy, steep	802F	Orthents, loamy, steep
864	Pits, quarry	864	Pits, quarry
865	Pits, gravel	865	Pits, gravel
871B	Lenzburg loam, 1 to 7 percent slopes	871B	Lenzburg loam, 1 to 7 percent slopes
871G 871G3	Lenzburg gravelly loam, 20 to 70 percent slopes Lenzburg gravelly loam, gullied, 20 to 70 percent slopes	871G	Lenzburg gravelly loam, 20 to 70 percent slopes
107 3107A	Sawmill silty clay loam Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded
183 3183A	Shaffton loam Shaffton loam, 0 to 2 percent slopes, frequently flooded	3183A	Shaffton loam, 0 to 2 percent slopes, frequently flooded
302 3302A	Ambraw loam Ambraw loam, 0 to 2 percent slopes, frequently flooded	3302A	Ambraw loam, 0 to 2 percent slopes, frequently flooded
3473A	Roszburg silt loam, 0 to 2 percent slopes, frequently flooded	3473A	Roszburg silt loam, 0 to 2 percent slopes, frequently flooded
7304A 7304A	Landes fine sandy loam, 0 to 2 percent slopes, rarely flooded Landes fine sandy loam, rarely flooded, 0 to 3 percent slopes	7304A	Landes fine sandy loam, 0 to 2 percent slopes, rarely flooded

Vermilion County, IL Correlation Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
8304	Landes fine sandy loam, occasionally flooded	8304A	Landes fine sandy loam, 0 to 2 percent slopes, occasionally flooded
8304A	Landes fine sandy loam, 0 to 2 percent slopes, occasionally flooded		
473	Roszburg loam	8473A	Roszburg loam, 0 to 2 percent slopes, occasionally flooded
8473A	Roszburg loam, 0 to 2 percent slopes, occasionally flooded		
430	Raddle silt loam	8674A	Dozaville silt loam, 0 to 2 percent slopes, occasionally flooded
8674A	Dozaville silt loam, 0 to 2 percent slopes, occasionally flooded		
MW W	Miscellaneous water Water	MW	Miscellaneous water
W	Water	W	Water

Series established by this correlation: None

Series or families added to previous correlated legend: Dozaville, Haskins, Kishwaukee, Ozaukee, Penfield, and Senachwine

Series dropped from previous correlated legend: Corwin, Miami, Morley, Raddle, Wea, and Whitaker variant

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
Illinois Agricultural Experiment Station

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 the Vermilion County Soil and Water Conservation District. Financial assistance was made available by the Vermilion County Board and the Illinois Department of Agriculture."

Prior soil survey publication: The last soil survey of Vermilion County was completed in 1987 and published by the United States Department of Agriculture, Soil Conservation Service in February 1996. It is Illinois Agricultural Experiment Station Soil Report No. 141, "Soil Survey of Vermilion County, Illinois". Reference to the prior soil survey will be included in the literature citation of the manuscript. This survey replaces the 1996 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: Vermilion County, which was published in 1996, joins seven modern soil surveys. These are Champaign, Edgar, Ford, and Iroquois Counties in Illinois and Benton, Vermillion, and Warren Counties in Indiana. Champaign and Ford Counties to the west were updated and SSURGO re-certified in 2006. Edgar County to the south was updated and SSURGO re-certified in 2006. Iroquois County to the north was published in 1982 and SSURGO certified in 2006. Benton County to the east was published in 1989 and SSURGO certified in 2005. Vermillion County to the east was published in 1978 and SSURGO re-certified in 2005. Warren County to the east was published in 1990.

Exact joins will be completed with Champaign, Edgar, and Ford Counties. Acceptable joins will be completed with Benton, Iroquois, Vermillion, and Warren Counties.

Instructions for map compilation, map finishing, and digitizing: The soil maps from the 1996 report at a scale of 1:15,840 were orthorectified and ratioed to a scale of 1:12,000 using orthomapper software. Any further adjustment of the soil vector lines will be done on the computer by the Aurora MLRA staff. The conventional and special symbols layer will be hand digitized by the Aurora MLRA staff. 1998 and 1999 imagery consisting of 1:12,000 scale orthophoto quarter quads serve as a base. The digital soils and conventional and special symbols layers will be delivered to the Montana Digitizing Center for processing. Symbols for map finishing are those approved for SSURGO standards and as shown in this document. The Montana Digitizing Center will submit 10 percent of the digitized product to the MLRA Region 11 office for Quality Assurance. Digital spatial and attribute data will be provided to the Vermilion County Board as part of the cost share cooperative agreement.

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. Cultural features that appear on the 7.5 minute topographic quadrangle will appear on the published maps.

**Definitions and Guidelines for Use of Conventional and Special Symbols
Vermilion County, Illinois – A Subset of MLRA 108A and 110**

Name	Label	Definitions and Guidelines
Standard Landform And Miscellaneous Surface Features		
Depression, closed	DEP	A shallow, saucer-shaped area that is slightly lower on the landscape than the surrounding area and is without a natural outlet for surface drainage. Typically 1/4 to 2 acres.
Escarpment, nonbedrock	ESO	A relatively continuous and steep slope or cliff, which was produced by erosion or faulting, that breaks the general continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
Gravel pit	GPI	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 1/4 to 2 acres.
Levee	LVS	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands.
Rock outcrop	ROC	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, or where "Rock outcrop" is a named component of the map unit. Typically 1/4 to 2 acres.
Sandy spot	SAN	A spot where the surface layer is a loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 1/4 to 2 acres.
Severely eroded spot	ERO	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 1/4 to 2 acres.
Short, steep slope	SLP	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
Wet spot	WET	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 1/4 to 2 acres.
Boundaries		
State		Boundary is shown.
County		Boundary is shown.
Field sheet neatline		Neatline is shown.
Section corner tics		Corner tics are shown
Road Emblems		
Interstate, Federal, and State		Use appropriate symbols for Interstate, Federal, and State roads. Other roads will not be labeled.

Conversion Legend Vermilion County, Illinois

(This legend represents the majority of the standard conversions that took place with this update. With certain polygons, however, conversions were made outside this legend which were based on field investigations, enhanced photo tones, topographic maps, changes in land use, and/or refined soil-landscape relationships.)

Field symbol	Publication symbol
17	17A
17A	17A
23A	23A
23B2	23B2
27C3	618C2
27C3	618C3
27C3	618D2
27F	618D2
27F	618E2
27F	618F
43	43A
43A	43A
56B2	56B2
59	59A
59A	59A
67	67A
67A	67A
68	68A
68A	68A
69	69A
69A	69A
88B	88B
91A	91A
91B2	91B2
91C2	91C2
102	102A
102A	102A
107	3107A
125	125A
125A	125A
131B	131B
132	132A
132A	132A
134B	134B
145B2	145B2
146A	146A
146B2	146B2
146B2	146C2
146C2	146C2
147A	147A
147B2	147B2
147B2	147C2
147C2	147C2
148A	148A

Field symbol	Publication symbol
148B	148B
148C2	148C2
149	149A
149A	149A
150B	150B
150C2	150C2
152	152A
152A	152A
153	153A
153A	153A
154	154A
154A	154A
171B	171B
182	182A
182A	182A
183	3183A
194C2	530C2
194C2	530D2
194D3	530D2
194D3	530D3
194D3	530E2
194F	530E2
194F	530F
194F	530G
194G	530G
198	198A
198A	198A
199B	199B
221B2	221B2
221C3	221C3
223B2	223B2
223C2	223C2
223C2	223D2
223D2	223D2
224G	224G
230	230A
230A	230A
232	232A
232A	232A
233B	233B
235	235A
235A	235A
236	236A

Field symbol	Publication symbol
236A	236A
238	238A
238A	238A
241C	241D3
241D3	241D3
242	242A
242A	242A
291B	291B
293	293A
293A	293A
294B	294B
295	295A
295A	295A
302	3302A
330	330A
330A	330A
362	758A
387B	387B
398	623A
430	8674A
440A	440A
440B	440B
440C2	440C2
448B	448B
473	8473A
481	481A
481A	481A
490	490A
490A	490A
495B2	221B2
496A	496A
496B2	496B2
530C2	530C2
530D2	530D2
530D3	530D3
530E2	530E2
530F	530F
530G	530G
533	533
536	536
549G	549G
570B	570B
570C2	570C2

Field symbol	Publication symbol
570C2	570D2
570D2	570D2
570F	570D2
570F	570F
571	571A
571A	571A
618C2	618C2
618C3	618C3
618D2	618D2
618E2	618E2
618F	618F
623A	623A
687B	687B
758A	758A
802B	802B
802F	802F
864	864
865	865
871B	871B
871G	871G
871G3	871G
2023B	23A
2023B	23B2
2023B	530C2
2146A	146A
2146A	146B2
2152	152A
2232	232A
2242A	242A
2291B	291B
2570B	570B
3107A	3107A
3183A	3183A
3302A	3302A
3473A	3473A
7304A	7304A
8304	8304A
8304A	8304A
8473A	8473A
8674A	8674A
MW	MW
W	MW
W	W

**Alphabetical Soil Map Legend
Vermilion County, Illinois**

Map symbol	Map unit name
131B	Alvin fine sandy loam, 2 to 5 percent slopes
3302A	Ambraw loam, 0 to 2 percent slopes, frequently flooded
293A	Andres silt loam, 0 to 2 percent slopes
232A	Ashkum silty clay loam, 0 to 2 percent slopes
233B	Birkbeck silt loam, 2 to 5 percent slopes
23A	Blount silt loam, 0 to 2 percent slopes
23B2	Blount silt loam, 2 to 4 percent slopes, eroded
149A	Brenton silt loam, 0 to 2 percent slopes
235A	Bryce silty clay, 0 to 2 percent slopes
134B	Camden silt loam, 2 to 5 percent slopes
171B	Catlin silt loam, 2 to 5 percent slopes
241D3	Chatsworth silty clay, 6 to 12 percent slopes, severely eroded
147A	Clarence silty clay loam, 0 to 2 percent slopes
147B2	Clarence silty clay loam, 2 to 4 percent slopes, eroded
147C2	Clarence silty clay loam, 4 to 6 percent slopes, eroded
56B2	Dana silt loam, 2 to 5 percent slopes, eroded
8674A	Dozaville silt loam, 0 to 2 percent slopes, occasionally flooded
152A	Drummer silty clay loam, 0 to 2 percent slopes
536	Dumps, mine
198A	Elburn silt loam, 0 to 2 percent slopes
146A	Elliott silt loam, 0 to 2 percent slopes
146B2	Elliott silty clay loam, 2 to 4 percent slopes, eroded
146C2	Elliott silty clay loam, 4 to 6 percent slopes, eroded
496A	Fincastle silt loam, 0 to 2 percent slopes
496B2	Fincastle silt loam, 2 to 5 percent slopes, eroded
154A	Flanagan silt loam, 0 to 2 percent slopes
67A	Harpster silty clay loam, 0 to 2 percent slopes
758A	Haskins loam, 0 to 2 percent slopes
43A	Ipava silt loam, 0 to 2 percent slopes
440A	Jasper loam, 0 to 2 percent slopes
440B	Jasper loam, 2 to 5 percent slopes
440C2	Jasper loam, 5 to 10 percent slopes, eroded
242A	Kendall silt loam, 0 to 2 percent slopes
17A	Keomah silt loam, 0 to 2 percent slopes

Vermilion County, IL Alphabetical Soil Map Legend (continued)

Map symbol	Map unit name
623A	Kishwaukee silt loam, 0 to 2 percent slopes
102A	La Hogue loam, 0 to 2 percent slopes
8304A	Landes fine sandy loam, 0 to 2 percent slopes, occasionally flooded
7304A	Landes fine sandy loam, 0 to 2 percent slopes, rarely flooded
871G	Lenzburg gravelly loam, 20 to 70 percent slopes
871B	Lenzburg loam, 1 to 7 percent slopes
59A	Lisbon silt loam, 0 to 2 percent slopes
549G	Marseilles loam, 40 to 80 percent slopes
570C2	Martinsville loam, 5 to 10 percent slopes, eroded
570D2	Martinsville loam, 10 to 18 percent slopes, eroded
570F	Martinsville loam, 18 to 35 percent slopes
570B	Martinsville silt loam, 2 to 5 percent slopes
69A	Milford silty clay loam, 0 to 2 percent slopes
MW	Miscellaneous water
295A	Mokena silt loam, 0 to 2 percent slopes
448B	Mona silt loam, 2 to 5 percent slopes
387B	Ockley silt loam, 2 to 5 percent slopes
490A	Odell silt loam, 0 to 2 percent slopes
150B	Onarga fine sandy loam, 2 to 5 percent slopes
150C2	Onarga fine sandy loam, 5 to 10 percent slopes, eroded
802F	Orthents, loamy, steep
802B	Orthents, loamy, undulating
530C2	Ozaukee silt loam, 4 to 6 percent slopes, eroded
530D2	Ozaukee silt loam, 6 to 12 percent slopes, eroded
530E2	Ozaukee silt loam, 12 to 20 percent slopes, eroded
530F	Ozaukee silt loam, 20 to 30 percent slopes
530G	Ozaukee silt loam, 30 to 70 percent slopes
530D3	Ozaukee silty clay loam, 6 to 12 percent slopes, severely eroded
221C3	Parr clay loam, 5 to 10 percent slopes, severely eroded
221B2	Parr silt loam, 2 to 5 percent slopes, eroded
153A	Pella silty clay loam, 0 to 2 percent slopes
687B	Penfield loam, 2 to 5 percent
182A	Peotone mucky silty clay loam, 0 to 2 percent slopes, marly substratum
330A	Peotone silty clay loam, 0 to 2 percent slopes
865	Pits, gravel
864	Pits, quarry
199B	Plano silt loam, 2 to 5 percent slopes

Vermilion County, IL Alphabetical Soil Map Legend (continued)

Map symbol	Map unit name
148A	Proctor silt loam, 0 to 2 percent slopes
148B	Proctor silt loam, 2 to 5 percent slopes
148C2	Proctor silt loam, 5 to 10 percent slopes, eroded
238A	Rantoul silty clay, 0 to 2 percent slopes
481A	Raub silt loam, 0 to 2 percent slopes
8473A	Roszburg loam, 0 to 2 percent slopes, occasionally flooded
3473A	Roszburg silt loam, 0 to 2 percent slopes, frequently flooded
230A	Rowe silty clay, 0 to 2 percent slopes
236A	Sabina silt loam, 0 to 2 percent slopes
68A	Sable silty clay loam, 0 to 2 percent slopes
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded
145B2	Saybrook silt loam, 2 to 5 percent slopes, eroded
125A	Selma loam, 0 to 2 percent slopes
618C3	Senachwine clay loam, 5 to 10 percent slopes, severely eroded
618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
618E2	Senachwine silt loam, 18 to 25 percent slopes, eroded
618F	Senachwine silt loam, 18 to 35 percent slopes
3183A	Shaffton loam, 0 to 2 percent slopes, frequently flooded
88B	Sparta loamy fine sand, 1 to 6 percent slopes
132A	Starks silt loam, 0 to 2 percent slopes
224G	Strawn silt loam, 35 to 75 percent slopes
91A	Swygert silty clay loam, 0 to 2 percent slopes
91B2	Swygert silty clay loam, 2 to 4 percent slopes, eroded
91C2	Swygert silty clay loam, 4 to 6 percent slopes, eroded
294B	Symerton silt loam, 2 to 5 percent slopes
533	Urban land
223B2	Varna silt loam, 2 to 4 percent slopes, eroded
223C2	Varna silt loam, 4 to 6 percent slopes, eroded
223D2	Varna silt loam, 6 to 12 percent slopes, eroded
W	Water
571A	Whitaker loam, 0 to 2 percent slopes
291B	Xenia silt loam, 2 to 5 percent slopes

**Numerical Soil Map Legend
Vermilion County, Illinois**

Map symbol	Map unit name
17A	Keomah silt loam, 0 to 2 percent slopes
23A	Blount silt loam, 0 to 2 percent slopes
23B2	Blount silt loam, 2 to 4 percent slopes, eroded
43A	Ipava silt loam, 0 to 2 percent slopes
56B2	Dana silt loam, 2 to 5 percent slopes, eroded
59A	Lisbon silt loam, 0 to 2 percent slopes
67A	Harpster silty clay loam, 0 to 2 percent slopes
68A	Sable silty clay loam, 0 to 2 percent slopes
69A	Milford silty clay loam, 0 to 2 percent slopes
88B	Sparta loamy fine sand, 1 to 6 percent slopes
91A	Swygert silty clay loam, 0 to 2 percent slopes
91B2	Swygert silty clay loam, 2 to 4 percent slopes, eroded
91C2	Swygert silty clay loam, 4 to 6 percent slopes, eroded
102A	La Hogue loam, 0 to 2 percent slopes
125A	Selma loam, 0 to 2 percent slopes
131B	Alvin fine sandy loam, 2 to 5 percent slopes
132A	Starks silt loam, 0 to 2 percent slopes
134B	Camden silt loam, 2 to 5 percent slopes
145B2	Saybrook silt loam, 2 to 5 percent slopes, eroded
146A	Elliott silt loam, 0 to 2 percent slopes
146B2	Elliott silty clay loam, 2 to 4 percent slopes, eroded
146C2	Elliott silty clay loam, 4 to 6 percent slopes, eroded
147A	Clarence silty clay loam, 0 to 2 percent slopes
147B2	Clarence silty clay loam, 2 to 4 percent slopes, eroded
147C2	Clarence silty clay loam, 4 to 6 percent slopes, eroded
148A	Proctor silt loam, 0 to 2 percent slopes
148B	Proctor silt loam, 2 to 5 percent slopes
148C2	Proctor silt loam, 5 to 10 percent slopes, eroded
149A	Brenton silt loam, 0 to 2 percent slopes
150B	Onarga fine sandy loam, 2 to 5 percent slopes
150C2	Onarga fine sandy loam, 5 to 10 percent slopes, eroded
152A	Drummer silty clay loam, 0 to 2 percent slopes
153A	Pella silty clay loam, 0 to 2 percent slopes
154A	Flanagan silt loam, 0 to 2 percent slopes
171B	Catlin silt loam, 2 to 5 percent slopes

Vermilion County, IL Numerical Soil Map Legend (continued)

Map symbol	Map unit name
182A	Peotone mucky silty clay loam, 0 to 2 percent slopes, marly substratum
198A	Elburn silt loam, 0 to 2 percent slopes
199B	Plano silt loam, 2 to 5 percent slopes
221B2	Parr silt loam, 2 to 5 percent slopes, eroded
221C3	Parr clay loam, 5 to 10 percent slopes, severely eroded
223B2	Varna silt loam, 2 to 4 percent slopes, eroded
223C2	Varna silt loam, 4 to 6 percent slopes, eroded
223D2	Varna silt loam, 6 to 12 percent slopes, eroded
224G	Strawn silt loam, 35 to 75 percent slopes
230A	Rowe silty clay, 0 to 2 percent slopes
232A	Ashkum silty clay loam, 0 to 2 percent slopes
233B	Birkbeck silt loam, 2 to 5 percent slopes
235A	Bryce silty clay, 0 to 2 percent slopes
236A	Sabina silt loam, 0 to 2 percent slopes
238A	Rantoul silty clay, 0 to 2 percent slopes
241D3	Chatsworth silty clay, 6 to 12 percent slopes, severely eroded
242A	Kendall silt loam, 0 to 2 percent slopes
291B	Xenia silt loam, 2 to 5 percent slopes
293A	Andres silt loam, 0 to 2 percent slopes
294B	Symerton silt loam, 2 to 5 percent slopes
295A	Mokena silt loam, 0 to 2 percent slopes
330A	Peotone silty clay loam, 0 to 2 percent slopes
387B	Ockley silt loam, 2 to 5 percent slopes
440A	Jasper loam, 0 to 2 percent slopes
440B	Jasper loam, 2 to 5 percent slopes
440C2	Jasper loam, 5 to 10 percent slopes, eroded
448B	Mona silt loam, 2 to 5 percent slopes
481A	Raub silt loam, 0 to 2 percent slopes
490A	Odell silt loam, 0 to 2 percent slopes
496A	Fincastle silt loam, 0 to 2 percent slopes
496B2	Fincastle silt loam, 2 to 5 percent slopes, eroded
530C2	Ozaukee silt loam, 4 to 6 percent slopes, eroded
530D2	Ozaukee silt loam, 6 to 12 percent slopes, eroded
530D3	Ozaukee silty clay loam, 6 to 12 percent slopes, severely eroded
530E2	Ozaukee silt loam, 12 to 20 percent slopes, eroded

Vermilion County, IL Numerical Soil Map Legend (continued)

Map symbol	Map unit name
530F	Ozaukee silt loam, 20 to 30 percent slopes
530G	Ozaukee silt loam, 30 to 70 percent slopes
533	Urban land
536	Dumps, mine
549G	Marseilles loam, 40 to 80 percent slopes
570B	Martinsville silt loam, 2 to 5 percent slopes
570C2	Martinsville loam, 5 to 10 percent slopes, eroded
570D2	Martinsville loam, 10 to 18 percent slopes, eroded
570F	Martinsville loam, 18 to 35 percent slopes
571A	Whitaker loam, 0 to 2 percent slopes
618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded
618C3	Senachwine clay loam, 5 to 10 percent slopes, severely eroded
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
618E2	Senachwine silt loam, 18 to 25 percent slopes, eroded
618F	Senachwine silt loam, 18 to 35 percent slopes
623A	Kishwaukee silt loam, 0 to 2 percent slopes
687B	Penfield loam, 2 to 5 percent
758A	Haskins loam, 0 to 2 percent slopes
802B	Orthents, loamy, undulating
802F	Orthents, loamy, steep
864	Pits, quarry
865	Pits, gravel
871B	Lenzburg loam, 1 to 7 percent slopes
871G	Lenzburg gravelly loam, 20 to 70 percent slopes
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded
3183A	Shaffton loam, 0 to 2 percent slopes, frequently flooded
3302A	Ambraw loam, 0 to 2 percent slopes, frequently flooded
3473A	Roszburg silt loam, 0 to 2 percent slopes, frequently flooded
7304A	Landes fine sandy loam, 0 to 2 percent slopes, rarely flooded
8304A	Landes fine sandy loam, 0 to 2 percent slopes, occasionally flooded
8473A	Roszburg loam, 0 to 2 percent slopes, occasionally flooded
8674A	Dozaville silt loam, 0 to 2 percent slopes, occasionally flooded
MW	Miscellaneous water
W	Water

**Classification of Pedons Sampled for Laboratory
Analysis for Vermilion County, Illinois**

No additional pedons were sampled with this update. Refer to "Classification and Correlation of the Soils of Vermilion County, Illinois" – May 1987.

Notes to Accompany the Classification and Correlation of Soils in Vermilion County, Illinois

MU Symbol	MU Name	Correlation Notes
17A	Keomah silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is from Adams County (95IL-001-023).
23A	Blount silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. Also with this correlation areas of 2023B will now correlate to 23A where the slope range is 2 percent or less. The TUD is from Livingston County (87IL-105-090).
23B2	Blount silt loam, 2 to 4 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 4 percent. Also areas of 2023B will now correlate to 23B2 where the slope range is 2 to 4 percent. The map unit pedon is from Vermilion County (84IL-183-121).
43A	Ipava silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD pedon from Knox County (78IL-095-016).
56B2	Dana silt loam, 2 to 5 percent slopes, eroded	Previously correlated for SS Report No. 141. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Mollic Oxyaquic Hapludalfs. The TUD is from McLean County (88IL-113-036).
59A	Lisbon silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Boone County (94IL-007-003).
67A	Harpster silty clay loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Ford County (67IL-053-001).
68A	Sable silty clay loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Warren County (57IL-187-001).
69A	Milford silty clay loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Iroquois County (59IL-075-001).
88B	Sparta loamy fine sand, 1 to 6 percent slopes	Previously correlated for SS Report No. 141. The TUD is from Vermilion County (03IL-183-001).
91A	Swygart silty clay loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. The TUD is the OSD from Iroquois County (77IL-075-005).
91B2	Swygart silty clay loam, 2 to 4 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 4 percent. This map unit is a taxadjunct to the series because the dark surface layer is thinner than defined for the series. It classifies as Aquollic Hapludalfs. The map unit pedon is from Livingston County (87IL-105-071).
91C2	Swygart silty clay loam, 4 to 6 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 4 to 6 percent. This map unit is a taxadjunct to the series because the dark surface layer is thinner than defined for the series. It classifies as Aquollic Hapludalfs. The map unit pedon is from Vermilion County (84IL-183-008).
102A	La Hogue loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is from Ford County (83IL-053-015).
125A	Selma loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, the slope range is added to the map unit name, and the surface texture is changed to loam. The TUD is from Iroquois County (00IL-075-001).
131B	Alvin fine sandy loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 5 percent. The TUD is the OSD from Vermilion County (85IL-183-024).
132A	Starks silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is from Livingston County (87IL-105-069).
134B	Camden silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 5 percent. The TUD is the OSD from Champaign County (77IL-019-008).
145B2	Saybrook silt loam, 2 to 5 percent slopes, eroded	Previously correlated for SS Report No. 141. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Mollic Oxyaquic Hapludalfs. The TUD is from Bureau County (83IL-011-007).
146A	Elliott silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. Also with this correlation areas of 2146A will now correlate to 146A where the slope range is 2 percent or less. The TUD is the OSD from Livingston County (85IL-105-034).

Vermilion County, IL Classification and Correlation Notes (continued)

MU Symbol	MU Name	Correlation Notes
146B2	Elliott silty clay loam, 2 to 4 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 4 percent. Also with this correlation areas of 2146A will now correlate to 146B2 where the slope range is 2 percent or more. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Aquollic Hapludalfs. The map unit pedon is from Vermilion County (83IL-183-012).
146C2	Elliott silty clay loam, 4 to 6 percent slopes, eroded	It will be delineated out of the original 146B2 where the slope range is 4 to 6 percent. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Aquollic Hapludalfs. The map unit pedon is from Livingston County (86IL-105-056).
147A	Clarence silty clay loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. The TUD is the OSD from Iroquois County (77IL-075-009).
147B2	Clarence silty clay loam, 2 to 4 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 4 percent, and the surface texture is changed to silty clay loam. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Aquollic Hapludalfs. The map unit pedon is from Livingston County (87IL-105-066).
147C2	Clarence silty clay loam, 4 to 6 percent slopes, eroded	It will be delineated out of the original 147B2 where the slope range is 4 to 6 percent. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Aquollic Hapludalfs. The map unit pedon is from Livingston County (87IL-105-012).
148A	Proctor silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. The map unit pedon is from Vermilion County (83IL-183-063).
148B	Proctor silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. The TUD is the OSD from Peoria County (85IL-143-006).
148C2	Proctor silt loam, 5 to 10 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 5 to 10 percent. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Mollic Hapludalfs. The map unit pedon is from Vermilion County (84IL-183-011).
149A	Brenton silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from McLean County (01IL-113-003).
150B	Onarga fine sandy loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 5 percent, and the surface texture is changed to fine sandy loam. The TUD is from Iroquois County (75IL-075-040).
150C2	Onarga fine sandy loam, 5 to 10 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 5 to 10 percent. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Mollic Hapludalfs. The map unit pedon is from Vermilion County (85IL-183-025).
152A	Drummer silty clay loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. With this correlation 2152A will now correlate to 152A. The TUD is the OSD from Champaign County (77IL-019-034).
153A	Pella silty clay loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is from Ford County (83IL-053-006).
154A	Flanagan silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Champaign County (76IL-019-022).
171B	Catlin silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. The TUD is the OSD from Ogle County (72IL-141-015).
182A	Peotone mucky silty clay loam, 0 to 2 percent slopes, marly substratum	Previously correlated for SS Report No. 141. With this correlation a slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The map unit pedon is from Vermilion County (83IL-183-042).
198A	Elburn silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Christian County (85IL-021-002).
199B	Plano silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. The TUD is the OSD from Stark County (87IL-175-002).
221B2	Parr silt loam, 2 to 5 percent slopes, eroded	Previously correlated as Corwin (495B2) for SS Report No. 141. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Mollic Oxyaquic Hapludalfs. The map unit pedon is from Vermilion County (83IL-183-040).

Vermilion County, IL Classification and Correlation Notes (continued)

MU Symbol	MU Name	Correlation Notes
221C3	Parr clay loam, 5 to 10 percent slopes, severely eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 5 to 10 percent, and the surface texture is changed to clay loam. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Oxyaquic Hapludalfs. The map unit pedon is from Ford County (84IL-053-001).
223B2	Varna silt loam, 2 to 4 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 4 percent. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Mollic Oxyaquic Hapludalfs. The TUD is from Livingston County (88IL-105-021).
223C2	Varna silt loam, 4 to 6 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 4 to 6 percent. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Mollic Oxyaquic Hapludalfs. The map unit pedon is from Vermilion County (84IL-183-064).
223D2	Varna silt loam, 6 to 12 percent slopes, eroded	It will be delineated out of the original 223C2 where the slope range is 6 percent or more. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Mollic Oxyaquic Hapludalfs. The map unit pedon is from Vermilion County (84IL-183-017).
224G	Strawn silt loam, 35 to 75 percent slopes	Previously correlated for SS Report No. 141. The TUD is from Vermilion County (83IL-183-023).
230A	Rowe silty clay, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Iroquois County (77IL-075-008).
232A	Ashkum silty clay loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. Also the map unit 2232 will now correlate to 232A. The TUD is the OSD from Will County (96IL-197-023).
233B	Birkbeck silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope range changes to 2 to 5 percent. The TUD is the OSD from Macon County (80IL-115-035).
235A	Bryce silty clay, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Iroquois County (77IL-075-006).
236A	Sabina silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Douglas County (98IL-041-001).
238A	Rantoul silty clay, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Livingston County (65IL-105-001).
241D3	Chatsworth silty clay, 6 to 12 percent slopes, severely eroded	Previously correlated as 241C for SS Report No. 141. With this correlation the slope range is changed to 6 to 12 percent. Also the erosion designation number is added to the map unit symbol, and the degree of erosion is added to the map unit name. The TUD is the OSD from Iroquois County (77IL-075-007).
242A	Kendall silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. Also the map unit 2242A will now correlate to 242A. The TUD is the OSD from Douglas County (98IL-041-002).
291B	Xenia silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 5 percent. Also the map unit 2291B will now correlate to 291B. The TUD is from Champaign County (76IL-019-042).
293A	Andres silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, the slope range is added to the map unit name, and the surface texture is changed to silt loam. The TUD is the OSD from Livingston County (89IL-105-012).
294B	Symerton silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. With this correlation the surface texture is changed to silt loam. The TUD is the OSD from Iroquois County (79IL-075-040).
295A	Mokena silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, the slope range is added to the map unit name, and the surface texture is changed to silt loam. The TUD is the OSD from Kankakee County (00IL-091-002).
330A	Peotone silty clay loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is the OSD from Ford County (83IL-053-021).
387B	Ockley silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 5 percent, and the surface texture is changed to silt loam. The TUD is from Champaign County (76IL-019-005).

Vermilion County, IL Classification and Correlation Notes (continued)

MU Symbol	MU Name	Correlation Notes
440A	Jasper loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. The TUD is from Livingston County (87IL-105-120).
440B	Jasper loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. The map unit pedon is from Vermilion County (85IL-183-038).
440C2	Jasper loam, 5 to 10 percent slopes, eroded	Previously correlated for SS Report No. 141. This map unit is a taxadjunct because the dark surface layer is thinner than defined for the series. It classifies as Mollic Hapludalfs. The map unit pedon is from Vermilion County (83IL-183-068).
448B	Mona silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 5 percent. The TUD is the OSD from Vermilion County (84IL-183-003).
481A	Raub silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is from Champaign County (76IL-019-053).
490A	Odell silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, the slope range is added to the map unit name, and the surface texture is changed to silt loam. The TUD is from Champaign County (77IL-019-011).
496A	Fincastle silt loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. The TUD is from Vermilion County (85IL-183-013).
496B2	Fincastle silt loam, 2 to 5 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 2 to 5 percent. The map unit pedon is from Vermilion County (85IL-183-033).
530C2	Ozaukee silt loam, 4 to 6 percent slopes, eroded	Previously correlated as Morley (194C2) for SS Report No. 141. It will be delineated from the 194C2 map unit where slopes are 6 percent or less. Also with this update areas of 2023B will now correlate to 530C2 where the slope range is 4 to 6 percent. The map unit pedon is based on a transect from DuPage County (T96IL-043-092).
530D2	Ozaukee silt loam, 6 to 12 percent slopes, eroded	Previously correlated as Morley (194C2) for SS Report No. 141. It will be delineated from the 194C2 map unit where the slope range is 6 percent or more. Also areas previously correlated as 194D3 with slopes of 12 percent or less that are in wooded or pasture areas will now correlate to 530D2. The map unit pedon is from Vermilion County (84IL-183-146).
530D3	Ozaukee silty clay loam, 6 to 12 percent slopes, severely eroded	Previously correlated as Morley (194D3) for SS Report No. 141. It will be delineated from cropped areas of 194D3 where the slope range is 12 percent or less. The map unit pedon is from Vermilion County (84IL-183-125).
530E2	Ozaukee silt loam, 12 to 20 percent slopes, eroded	Previously correlated as Morley (194D3 and 194F) for SS Report No. 141. It will be delineated from wooded or pasture areas of 194D3 where the slope range is 12 percent or more. It will also be delineated from 194F where the slope range is 20 percent or less. The map unit pedon is based on a Champaign County field note.
530F	Ozaukee silt loam, 20 to 30 percent slopes	Previously correlated as Morley (194F) for SS Report No. 141. It will be delineated from 194F where the slope range is 20 to 30 percent. The map unit pedon is based on a transect from Will County (T98IL-197-015).
530G	Ozaukee silt loam, 30 to 70 percent slopes	Previously correlated as Morley (194F) for SS Report No. 141. It will be delineated from 194F where the slope range is 30 percent or more. Also it was previously correlated as Morley (194G) for SS Report No. 141. This map unit is a taxadjunct because it contains less clay in the particle-size control section than defined for the series. It classifies as fine-silty, Oxyaquic Hapludalfs. The map unit pedon is from Vermilion County (83IL-183-004).
533	Urban land	Previously correlated for SS Report No. 141.
536	Dumps, mine	Previously correlated for SS Report No. 141.
549G	Marseilles loam, 40 to 80 percent slopes	Previously correlated for SS Report No. 141. This map unit contains less clay in the particle-size control section than is defined for the series. The TUD is from Vermilion County (83IL-183-035).
570B	Martinsville silt loam, 2 to 5 percent slopes	Previously correlated for SS Report No. 141. With this correlation the surface texture is changed to silt loam. Also the map unit 2570B will now correlate to 570B. The TUD is from Champaign County (99IL-019-001).
570C2	Martinsville loam, 5 to 10 percent slopes, eroded	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 5 to 10 percent. The map unit pedon is from Vermilion County (85IL-183-115).
570D2	Martinsville loam, 10 to 18 percent slopes, eroded	It will be delineated out of the original 570C2 where the slope range is 10 percent or more and 570F where the slope range is 18 percent or less. The map unit pedon is from Champaign County (77IL-019-014).
570F	Martinsville loam, 18 to 35 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope range is changed to 18 to 35 percent, and the surface texture is changed to loam. The map unit pedon is from Christian County (84IL-021-037).

Vermilion County, IL Classification and Correlation Notes (continued)

MU Symbol	MU Name	Correlation Notes
571A	Whitaker loam, 0 to 2 percent slopes	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is from Vermilion County (84IL-183-052).
618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded	Previously correlated as Miami (27C3) for SS Report No. 141. It will be delineated from pastured or wooded areas of 27C3 where the slope range is 10 percent or less. The map unit pedon is from Bureau County (82IL-011-182).
618C3	Senachwine clay loam, 5 to 10 percent slopes, severely eroded	Previously correlated as Miami (27C3) for SS Report No. 141. It will be delineated from cropped areas of 27C3 where the slope range is 10 percent or less. The map unit pedon is from Moultrie County (91IL-139-007).
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	Previously correlated as Miami (27C3 and 27F) for SS Report No. 141. It will be delineated from 27C3 where the slope range is 10 percent or more. It will also be delineated from areas of 27F where the slope range is 18 percent or less. The TUD is the OSD from Bureau County (82IL-011-187).
618E2	Senachwine silt loam, 18 to 25 percent slopes, eroded	Previously correlated as Miami (27F) for SS Report No. 141. It is needed for a perfect join with Champaign County. It will also be delineated from pastured areas of 27F where the slope range is 18 to 25 percent. This map unit pedon is based on a Champaign County field note.
618F	Senachwine silt loam, 18 to 35 percent slopes	Previously correlated as Miami (27F) for SS Report No. 141. It will be delineated from pastured areas of 27F where the slope range is 25 percent or more and from wooded areas of 27F where slopes are 18 percent or more. The map unit pedon is from Bureau County (82IL-011-080).
623A	Kishwaukee silt loam, 0 to 2 percent slopes	Previously correlated as Wea (398) for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is from Vermilion County (85IL-183-045).
687B	Penfield loam, 2 to 5 percent	Needed for a perfect join with Ford County. The TUD is the OSD from Champaign County (98IL-019-012).
758A	Haskins loam, 0 to 2 percent slopes	Previously correlated as Whitaker variant loam (362) for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The TUD is from Vermilion County (84IL-183-132).
802B	Orthents, loamy, undulating	Previously correlated for SS Report No. 141.
802F	Orthents, loamy, steep	Previously correlated for SS Report No. 141.
864	Pits, quarry	Previously correlated for SS Report No. 141.
865	Pits, gravel	Previously correlated for SS Report No. 141.
871B	Lenzburg loam, 1 to 7 percent slopes	Previously correlated for SS Report No. 141. The TUD is from Vermilion County (83IL-183-066).
871G	Lenzburg gravelly loam, 20 to 70 percent slopes	Previously correlated for SS Report No. 141. With this correlation the erosion designation letter is dropped from the map unit symbol, and gullied is dropped from the map unit name. The map unit pedon is from Vermilion County (83IL-183-064).
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	Previously correlated for SS Report No. 141. With this correlation the slope letter and flooding frequency prefix are added to the map unit symbol, and the slope range and flooding frequency are added to the map unit name. The TUD is the OSD from Sangamon County (99IL-167-008).
3183A	Shaffton loam, 0 to 2 percent slopes, frequently flooded	Previously correlated for SS Report No. 141. With this correlation the slope letter and flooding frequency prefix are added to the map unit symbol, and the slope range and flooding frequency are added to the map unit name. The TUD is from Douglas County (03IL-041-400).
3302A	Ambraw loam, 0 to 2 percent slopes, frequently flooded	Previously correlated for SS Report No. 141. With this correlation the slope letter and flooding frequency prefix are added to the map unit symbol, and the slope range and flooding frequency are added to the map unit name. The TUD is from White County.
3473A	Roszburg silt loam, 0 to 2 percent slopes, frequently flooded	Needed for a perfect join with Champaign County. The TUD is from Champaign County (77IL-019-025).
7304A	Landes fine sandy loam, 0 to 2 percent slopes, rarely flooded	Previously correlated for SS Report No. 141. With this correlation the slope range changes to 0 to 2 percent. The TUD is from Bureau County (82IL-011-179).
8304A	Landes fine sandy loam, 0 to 2 percent slopes, occasionally flooded	Previously correlated for SS Report No. 141. With this correlation the slope letter is added to the map unit symbol, and the slope range is added to the map unit name. The map unit pedon is from Vermilion County (83IL-183-053).
8473A	Roszburg loam, 0 to 2 percent slopes, occasionally flooded	Previously correlated for SS Report No. 141. With this correlation the flooding frequency is changed to occasional. Also the slope letter and flooding frequency prefix are added to the map unit symbol, and the slope range and flooding frequency are added to the map unit name. The TUD is from Vermilion County (85IL-183-027).

Vermilion County, IL Classification and Correlation Notes (continued)

MU Symbol	MU Name	Correlation Notes
8674A	Dozaville silt loam, 0 to 2 percent slopes, occasionally flooded	Previously correlated as Raddle (430) for SS Report No. 141. With this correlation the flooding frequency is changed to occasional. Also the slope letter and flooding frequency prefix are added to the map unit symbol, and the slope range and flooding frequency are added to the map unit name. The TUD is from Pike County (01IL-149-001).
MW	Miscellaneous water	Linked to the statewide DMU 155,361
W	Water	Linked to the statewide DMU 155,171.

Classification of the Soils Vermilion County, Illinois

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Alvin	Coarse-loamy, mixed, superactive, mesic Typic Hapludalfs
Ambraw	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Andres	Fine-loamy, mixed, superactive, mesic Aquic Argiudolls
Ashkum	Fine, mixed, superactive, mesic Typic Endoaquolls
Birkbeck	Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs
Blount	Fine, illitic, mesic Aeris Epiaqualfs
Brenton	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Bryce	Fine, mixed, superactive, mesic Vertic Endoaquolls
Camden	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Catlin	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
Chatsworth	Fine, illitic, mesic Oxyaquic Eutrudepts
Clarence	Fine, illitic, mesic Aquic Argiudolls
*Clarence	Fine, illitic, mesic Aquollic Hapludalfs
*Dana	Fine-silty, mixed, superactive, mesic Mollic Oxyaquic Hapludalfs
Dozaville	Fine-silty, mixed, superactive, mesic Fluventic Hapludolls
Drummer	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Elburn	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Elliott	Fine, illitic, mesic Aquic Argiudolls
*Elliott	Fine, illitic, mesic Aquollic Hapludalfs
Fincastle	Fine-silty, mixed, superactive, mesic Aeris Epiaqualfs
Flanagan	Fine, smectitic, mesic Aquic Argiudolls
Harpster	Fine-silty, mixed, superactive, mesic Typic Calcicquolls
Haskins	Fine-loamy, mixed, active, mesic Aeris Epiaqualfs
Ipava	Fine, smectitic, mesic Aquic Argiudolls
Jasper	Fine-loamy, mixed, superactive, mesic Typic Argiudolls
*Jasper	Fine-loamy, mixed, superactive, mesic Mollic Hapludalfs
Kendall	Fine-silty, mixed, superactive, mesic Aeris Epiaqualfs
Keomah	Fine, smectitic, mesic Aeris Epiaqualfs
Kishwaukee	Fine-loamy, mixed, superactive, mesic Typic Argiudolls
La Hogue	Fine-loamy, mixed, superactive, mesic Aquic Argiudolls
Landes	Coarse-loamy, mixed, superactive, mesic Fluventic Hapludolls
Lenzburg	Fine-loamy, mixed, active, calcareous, mesic Haplic Udarents
Lisbon	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Marseilles	Fine-silty, mixed, active, mesic Typic Hapludalfs
Martinsville	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Milford	Fine, mixed, superactive, mesic Typic Endoaquolls
Mokena	Fine-loamy, mixed, active, mesic Aquic Argiudolls
Mona	Fine-loamy, mixed, superactive, mesic Oxyaquic Argiudolls
Ockley	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Odell	Fine-loamy, mixed, superactive, mesic Aquic Argiudolls
Onarga	Coarse-loamy, mixed, superactive, mesic Typic Argiudolls
*Onarga	Coarse-loamy, mixed, superactive, mesic Mollic Hapludalfs
Orthents, loamy	Fine-loamy, mixed, active, nonacid, mesic Oxyaquic Udorthents
Ozaukee	Fine, illitic, mesic Oxyaquic Hapludalfs
*Ozaukee	Fine-silty, illitic, mesic Oxyaquic Hapludalfs
*Parr	Fine-loamy, mixed, active, mesic Mollic Oxyaquic Hapludalfs
*Parr	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
Pella	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Penfield	Fine-loamy, mixed, superactive, mesic Typic Argiudolls
Peotone	Fine, smectitic, mesic Cumulic Vertic Endoaquolls
Plano	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Proctor	Fine-silty, mixed, superactive, mesic Typic Argiudolls
*Proctor	Fine-silty, mixed, superactive, mesic Mollic Hapludalfs
Rantoul	Fine, smectitic, mesic Cumulic Vertic Endoaquolls
Raub	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Rosburg	Fine-loamy, mixed, superactive, mesic Fluventic Hapludolls

Vermilion County, IL Classification of the Soils (continued)

Soil name	Family or higher taxonomic class
Rowe	Fine, mixed, superactive, mesic Vertic Argiaquolls
Sabina	Fine, smectitic, mesic Aeric Epiaqualfs
Sable	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Sawmill	Fine-silty, mixed, superactive, mesic Cumulic Endoaquolls
*Saybrook	Fine-silty, mixed, superactive, mesic Mollic Oxyaquic Hapludalfs
Selma	Fine-loamy, mixed, superactive, mesic Typic Endoaquolls
Senachwine	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Shaffton	Fine-loamy, mixed, superactive, mesic Fluvaquentic Hapludolls
Sparta	Sandy, mixed, mesic Entic Hapludolls
Starks	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Strawn	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Swygert	Fine, mixed, active, mesic Aquic Argiudolls
*Swygert	Fine, mixed, active, mesic Aquollic Hapludalfs
Symerton	Fine-loamy, mixed, superactive, mesic Oxyaquic Argiudolls
*Varna	Fine, illitic, mesic Mollic Oxyaquic Hapludalfs
Whitaker	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Xenia	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs

Certification Statement

The MLRA Region 11 Team Leader certifies that:

- a. The fieldwork activities were completed in May 2006.
- b. Vermillion County joins the following subsets:
 - Champaign County, Illinois, a subset of MLRA 108A and 110, is to the west (updated and SSURGO re-certified in 2006).
 - Edgar County, Illinois, a subset of MLRA 108A and 115A, is to the south (updated and SSURGO re-certified in 2006).
 - Ford County, Illinois, a subset of MLRA 108A and 110, is to the west (updated and SSURGO re-certified in 2006).
 - Iroquois County, Illinois, a subset of MLRA 98 and 110, is to the north (published in 1982).
 - Benton County, Indiana, a subset of MLRA 110, 111C and 111D is to the east (published in 1989 and SSURGO certified in 2005).
 - Vermillion County, Indiana, a subset of MLRA 108A is to the east (published in 1978 and SSURGO re-certified in 2005).
 - Warren County, Indiana, a subset of MLRA 110 and 111D is to the east (published in 1990).

Exact joins will be completed with Champaign, Edgar, and Ford Counties. Acceptable joins will be completed with Benton, Iroquois, Vermillion, and Warren Counties.

- c. Interpretations have been coordinated and agree with adjoining survey areas.
- d. The locations of all typical pedons have been checked for accuracy, and that they occur in delineations using those names.
- e. All typical pedons are classified according to Keys to Soil Taxonomy, 9th edition, 2003.
- f. The digital soil maps, when complete, will be reviewed for accuracy and consistency.

Approval Signature and Date:

/s/

Travis Neely Date 6/7/06
MLRA Region 11 Team Leader
USDA-NRCS, Indianapolis, IN

/s/

William J. Gradle Date 6/5/06
State Conservationist
USDA-NRCS, Champaign, IL