

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

**Classification and Correlation of the Soils of
Jersey County, Illinois**

A Subset of MLRA 115C and 115B

December 2002

John C. Doll, MLRA Soil Survey Coordinator, Champaign, Illinois and Gary Struben, Soil Data Quality Specialist (SDQS) MLRA Region 11 team, Indianapolis, Indiana, assisted with the preparation of this correlation. Robert Tegeler, MLRA team leader, Springfield, Illinois provided most of the information relating to the recorrelation of the soils in Jersey County. This document is prepared as part of the update of the Soil Survey of Jersey County, a subset of MLRA 115C and 115B. The correlation conference was at the Springfield MLRA office on July 22-26, 2002, with field stops in Jersey County on July 23. This correlation is based on decisions made at that conference. Decisions were based on documentation of field investigations, transect data, field notes, pedon descriptions, laboratory data, *Soil Survey of Jersey County, Illinois* issued 1966, and the descriptive legend in the "Classification and Correlation of the Soils of Jersey County, Illinois," June, 1962.

Headnote for detailed soil survey legend:

This update of Jersey County, Illinois is an update of a subset of the Soil Survey of Major Land Resource Areas (MLRA) 115C and 115B. 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 Miscellaneous units.

Soil Correlation Of
Jersey County, Illinois: Detailed Soil Map Legend
November, 2002

Field symbols	Field map unit name	Publication symbol	Approved map unit name
8D2 8E 8E2	Hickory loam, 10 to 18 percent slopes, eroded Hickory loam, 12 to 18 percent slopes Hickory loam, 12 to 18 percent slopes, eroded	8D2	Hickory loam, 10 to 18 percent slopes, eroded
8D3 8D3 8E3	Hickory clay loam, 10 to 18 percent slopes, severely eroded Hickory clay loam, 7 to 12 percent slopes, severely eroded Hickory clay loam, 12 to 18 percent slopes, severely eroded	8D3	Hickory clay loam, 10 to 18 percent slopes, severely eroded
8-18F, SF,933F 8F 8F	Hickory-Clinton complex, 18 to 30 percent slopes Hickory silt loam, 18 to 35 percent slopes Hickory loam, 18 to 30 percent slopes	8F	Hickory silt loam, 18 to 35 percent slopes
8-18F2, SF2, 933F2 8-18F3 SF3, 933F3 8F2 8F2 8F3	Hickory-Clinton complex, 18 to 30 percent slopes, eroded Hickory-Clinton complex, 18 to 30 percent slopes, severely eroded Hickory loam, 18 to 30 percent slopes, eroded Hickory loam, 18 to 35 percent slopes, eroded Hickory clay loam, 18 to 30 percent slopes, severely eroded	8F2	Hickory loam, 18 to 35 percent slopes, eroded
8G 8G 8G2 8G3	Hickory silt loam, 35 to 65 percent slopes Hickory loam, 30 to 65 percent slopes Hickory loam, 30 to 65 percent slopes, eroded Hickory clay loam, 30 to 65 percent slopes, severely eroded	8G	Hickory silt loam, 35 to 60 percent slopes
16 16A	Rushville silt loam Rushville silt loam, 0 to 2 percent slopes	16A	Rushville silt loam, 0 to 2 percent slopes
17A	Keomah silt loam, 0 to 2 percent slopes	17A	Keomah silt loam, 0 to 2 percent slopes
45 45A	Denny silt loam Denny silt loam, 0 to 2 percent slopes	45A	Denny silt loam, 0 to 2 percent slopes
41 46A 46A	Muscatine silt loam Herrick silt loam, 0 to 2 percent slopes Herrick silt loam, 0 to 2 percent slopes	46A	Herrick silt loam, 0 to 2 percent slopes
47 47A 50 50A	Viriden silt loam Viriden silt loam, 0 to 2 percent slopes Viriden silty clay loam Viriden silty clay loam, 0 to 2 percent slopes	47A	Viriden silt loam, 0 to 2 percent slopes
50 50A	Viriden silty clay loam Viriden silty clay loam, 0 to 2 percent slopes	50A	Viriden silty clay loam, 0 to 2 percent slopes

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
41 51A	Muscatine silt loam Muscatune silt loam, 0 to 2 percent slopes	51A	Muscatune silt loam, 0 to 2 percent slopes
61A 257	Atterberry silt loam, 0 to 2 percent slopes Clarksdale silt loam	61A	Atterberry silt 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
37C 37D 75C 75C 75D 75D2	Worthen silt loam, 4 to 7 percent slopes Worthen silt loam, 7 to 12 percent slopes Drury silt loam, 4 to 7 percent slopes Drury silt loam, 5 to 10 percent slopes Drury silt loam, 7 to 12 percent slopes Drury silt loam, 7 to 12 percent slopes, eroded	75C	Drury silt loam, 5 to 10 percent slopes
79B 280B,YB	Menfro silt loam, 2 to 5 percent slopes Fayette silt loam, 2 to 4 percent slopes	79B	Menfro silt loam, 2 to 5 percent slopes
79C 280C,YC	Menfro silt loam, 5 to 10 percent slopes Fayette silt loam, 4 to 7 percent slopes	79C	Menfro silt loam, 5 to 10 percent slopes
79C2 280C2, YC2	Menfro silt loam, 5 to 10 percent slopes, eroded Fayette silt loam, 4 to 7 percent slopes, eroded	79C2	Menfro silt loam, 5 to 10 percent slopes, eroded
79C3 280C3, YC3	Menfro silty clay loam, 5 to 10 percent slopes, severely eroded Fayette silty clay loam, 4 to 7 percent slopes, severely eroded	79C3	Menfro silty clay loam, 5 to 10 percent slopes, severely eroded
79D 280D,YD 280E,YE	Menfro silt loam, 10 to 18 percent slopes Fayette silt loam, 7 to 12 percent slopes Fayette silt loam, 12 to 18 percent slopes	79D	Menfro silt loam, 10 to 18 percent slopes
79D2 280D2, YD2 280E2, YE2	Menfro silt loam, 10 to 18 percent slopes, eroded Fayette silt loam, 7 to 12 percent slopes, eroded Fayette silt loam, 12 to 18 percent slopes, eroded	79D2	Menfro silt loam, 10 to 18 percent slopes, eroded
79D3 280D3, YD3 280E3, YE3	Menfro silty clay loam, 10 to 18 percent slopes, severely eroded Fayette silty clay loam, 7 to 12 percent slopes, severely eroded Fayette silty clay loam, 12 to 18 percent slopes, severely eroded	79D3	Menfro silty clay loam, 10 to 18 percent slopes, severely eroded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
79E2 280F2, YF2 280F3, YF3	Menfro silt loam, 18 to 25 percent slopes, eroded Fayette silt loam, 18 to 30 percent slopes, eroded Fayette silty clay loam, 18 to 30 percent slopes, severely eroded	79E2	Menfro silt loam, 18 to 25 percent slopes, eroded
79F 280F,YF	Menfro silt loam, 18 to 35 percent slopes Fayette silt loam, 18 to 30 percent slopes	79F	Menfro silt loam, 18 to 35 percent slopes
79G 274G 280G,YG	Menfro silt loam, 35 to 60 percent slopes Seaton silt loam, 30 to 50 percent slopes Fayette silt loam, 30 to 50 percent slopes	79G	Menfro silt loam, 35 to 60 percent slopes
36B 36B2 86B 246B 246B2	Tama silt loam, 2 to 4 percent slopes Tama silt loam, 2 to 4 percent slopes, eroded Osco silt loam, 2 to 5 percent slopes Bolivia silt loam, 2 to 4 percent slopes Bolivia silt loam, 2 to 4 percent slopes, eroded	86B	Osco silt loam, 2 to 5 percent slopes
36C 36C2 86C2 246C 246C2	Tama silt loam, 4 to 7 percent slopes Tama silt loam, 4 to 7 percent slopes, eroded Osco silt loam, 5 to 10 percent slopes, eroded Bolivia silt loam, 4 to 7 percent slopes Bolivia silt loam, 4 to 7 percent slopes, eroded	86C2	Osco silt loam, 5 to 10 percent slopes, eroded
112A 112B	Cowden silt loam, 0 to 2 percent slopes Cowden silt loam, 2 to 4 percent slopes	112A	Cowden silt loam, 0 to 2 percent slopes
113A 257	Oconee silt loam, 0 to 2 percent slopes Clarksdale silt loam	113A	Oconee silt loam, 0 to 2 percent slopes
113B 258B 386B	Oconee silt loam, 2 to 5 percent slopes Sicily silt loam Downs silt loam, 2 to 4 percent slopes	113B	Oconee silt loam, 2 to 5 percent slopes
18C2 119C2	Clinton silt loam, 4 to 7 percent slopes, eroded Elco silt loam, 5 to 10 percent slopes, eroded	119C2	Elco silt loam, 5 to 10 percent slopes, eroded
18C3 119C3 258C3	Clinton silty clay loam, 4 to 7 percent slopes, severely eroded Elco silty clay loam, 5 to 10 percent slopes, severely eroded Sicily soils, severely eroded	119C3	Elco silty clay loam, 5 to 10 percent slopes, severely eroded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
8-18D2, SD2, 933D2	Hickory-Clinton complex, 7 to 12 percent slopes, eroded	119D2	Elco silt loam, 10 to 18 percent slopes, eroded
8-18E, SE, 933E	Hickory-Clinton complex, 12 to 18 percent slopes		
8-18E2, SE2, 933E2	Hickory-Clinton complex, 12 to 18 percent slopes, eroded		
18D	Clinton silt loam, 7 to 12 percent slopes		
18D2	Clinton silt loam, 7 to 12 percent slopes, eroded		
119D2	Elco silt loam, 10 to 18 percent slopes, eroded		
279D, XD	Rozetta silt loam, 7 to 12 percent slopes		
279D2, XD2	Rozetta silt loam, 7 to 12 percent slopes, eroded		
279E2, XE2	Rozetta silt loam, 12 to 18 percent slopes, eroded		
8-18D3, SD3, 933D3	Hickory-Clinton complex, 7 to 12 percent slopes, severely eroded	119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded
8-18E3, SE3, 933E3	Hickory-Clinton complex, 12 to 18 percent slopes, severely eroded		
18D3	Clinton silty clay loam, 7 to 12 percent slopes, severely eroded		
18E3	Clinton silty clay loam, 12 to 18 percent slopes, severely eroded		
119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded		
279D3, XD3	Rozetta silty clay loam, 7 to 12 percent slopes, severely eroded		
279E3, XE3	Rozetta silty clay loam, 12 to 18 percent slopes, severely eroded		
127B	Harrison silt loam, 2 to 4 percent slopes	127B	Harrison silt loam, 2 to 5 percent slopes
127B	Harrison silt loam, 2 to 5 percent slopes		
258C	Sicily silt loam, 4 to 7 percent slopes	259C2	Assumption silt loam, 5 to 10 percent slopes, eroded
258C2	Sicily silt loam, 4 to 7 percent slopes, eroded		
259C2	Assumption silt loam, 5 to 10 percent slopes, eroded		
386C	Downs silt loam, 4 to 7 percent slopes		
386C2	Downs silt loam, 4 to 7 percent slopes, eroded		
267A	Caseyville silt loam, 0 to 2 percent slopes	267A	Caseyville silt loam, 0 to 2 percent slopes
278A	Stronghurst silt loam, 0 to 2 percent slopes		
267B	Caseyville silt loam, 2 to 5 percent slopes	267B	Caseyville silt loam, 2 to 5 percent slopes
278B	Stronghurst silt loam, 2 to 4 percent slopes		
278A	Stronghurst silt loam, 0 to 2 percent slopes	278A	Stronghurst silt loam, 0 to 2 percent slopes

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
17B 18B 278B 279B, XB 279B	Keomah silt loam, 2 to 4 percent slopes Clinton silt loam, 2 to 4 percent slopes Stronghurst silt loam, 2 to 4 percent slopes Rozetta silt loam, 2 to 4 percent slopes Rozetta silt loam, 2 to 5 percent slopes	279B	Rozetta silt loam, 2 to 5 percent slopes
279C, XC 279C2 279C2, XC2	Rozetta silt loam, 4 to 7 percent slopes Rozetta silt loam, 5 to 10 percent slopes, eroded Rozetta silt loam, 4 to 7 percent slopes, eroded	279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded
258C3 279C3 279C3, XC3	Sicily soils, 4 to 7 percent slopes, severely eroded Rozetta silty clay loam, 5 to 10 percent slopes, severely eroded Rozetta silty clay loam, 4 to 7 percent slopes, severely eroded	279C3	Rozetta silty clay loam, 5 to 10 percent slopes, severely eroded
279D, XD 279D2 279D2, XD2 279E2, XE2	Rozetta silt loam, 7 to 12 percent slopes Rozetta silt loam, 10 to 18 percent slopes, eroded Rozetta silt loam, 7 to 12 percent slopes, eroded Rozetta silt loam, 12 to 18 percent slopes, eroded	279D2	Rozetta silt loam, 10 to 18 percent slopes, eroded
279D3 279D3, XD3 279E3, XE3	Rozetta silty clay loam, 10 to 18 percent slopes, severely eroded Rozetta silty clay loam, 7 to 12 percent slopes, severely eroded Rozetta silty clay loam, 12 to 18 percent slopes, severely eroded	279D3	Rozetta silty clay loam, 10 to 18 percent slopes, severely eroded
280B 280B, YB	Fayette silt loam, 2 to 5 percent slopes Fayette silt loam, 2 to 4 percent slopes	280B	Fayette silt loam, 2 to 5 percent slopes
280C 280C, YC	Fayette silt loam, 5 to 10 percent slopes Fayette silt loam, 4 to 7 percent slopes	280C	Fayette silt loam, 5 to 10 percent slopes
19-35C, TC 19-35C2 TC2 280C2 280C2, YC2 962C 962C2	Sylvan-Bold complex, 4 to 7 percent slopes Sylvan-Bold complex, 4 to 7 percent slopes, eroded Fayette silt loam, 5 to 10 percent slopes, eroded Fayette silt loam, 4 to 7 percent slopes, eroded Sylvan-Bold silt loams, 4 to 7 percent slopes Sylvan-Bold silt loams, 4 to 7 percent slopes, eroded	280C2	Fayette silt loam, 5 to 10 percent slopes, eroded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
280C3, YC3 280C3	Fayette silty clay loam, 4 to 7 percent slopes, severely eroded Fayette silty clay loam, 5 to 10 percent slopes, severely eroded	280C3	Fayette silty clay loam, 5 to 10 percent slopes, severely eroded
280D, YD 280D 280E, YE	Fayette silt loam, 7 to 12 percent slopes Fayette silt loam, 10 to 18 percent slopes Fayette silt loam, 12 to 18 percent slopes	280D	Fayette silt loam, 10 to 18 percent slopes
280D2, YD2 280D2 280E2, YE2	Fayette silt loam, 7 to 12 percent slopes, eroded Fayette silt loam, 10 to 18 percent slopes, eroded Fayette silt loam, 12 to 18 percent slopes, eroded	280D2	Fayette silt loam, 10 to 18 percent slopes, eroded
280D3, YD3 280D3 280E3, YE3	Fayette silty clay loam, 7 to 12 percent slopes, severely eroded Fayette silty clay loam, 10 to 18 percent slopes, severely eroded Fayette silty clay loam, 12 to 18 percent slopes, severely eroded	280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded
280E2 280F2, YF2 280F3, YF3	Fayette silt loam, 18 to 25 percent slopes, eroded Fayette silt loam, 18 to 30 percent slopes, eroded Fayette silty clay loam, 18 to 30 percent slopes, severely eroded	280E2	Fayette silt loam, 18 to 25 percent slopes, eroded
280F, YF 280F	Fayette silt loam, 18 to 30 percent slopes Fayette silt loam, 18 to 35 percent slopes	280F	Fayette silt loam, 18 to 35 percent slopes
274G 280G 280G, YG	Seaton silt loam, 30 to 50 percent slopes Fayette silt loam, 35 to 60 percent slopes Fayette silt loam, 30 to 50 percent slopes	280G	Fayette silt loam, 35 to 60 percent slopes
131B 134A 134B 434B	Alvin fine sandy loam, 2 to 4 percent slopes Camden silt loam, 0 to 2 percent slopes Camden silt loam, 2 to 4 percent slopes Ridgway silt loam, 2 to 5 percent slopes	434B	Ridgway silt loam, 2 to 5 percent slopes
131C2 434C2	Alvin fine sandy loam, 4 to 7 percent slopes, eroded Ridgway silt loam, 5 to 10 percent slopes, eroded	434C2	Ridgway silt loam, 5 to 10 percent slopes, eroded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
127B 128B 258B 258B2 386B 386B2 438B	Harrison silt loam, 2 to 4 percent slopes Douglas silt loam, 2 to 4 percent slopes Sicily silt loam, 2 to 4 percent slopes Sicily silt loam, 2 to 4 percent slopes, eroded Downs silt loam, 2 to 4 percent slopes Downs silt loam, 2 to 4 percent slopes, eroded Aviston silt loam, 2 to 5 percent slopes	438B	Aviston silt loam, 2 to 5 percent slopes
279B,XB 477B	Rozetta silt loam, 2 to 4 percent slopes Winfield silt loam, 2 to 5 percent slopes	477B	Winfield silt loam, 2 to 5 percent slopes
279B,XB 477B3	Rozetta silt loam, 2 to 4 percent slopes Winfield silty clay loam, 2 to 5 percent slopes, severely eroded	477B3	Winfield silty clay loam, 2 to 5 percent slopes, severely eroded
279C,XC 279C2, XC2 477C2	Rozetta silt loam, 4 to 7 percent slopes Rozetta silt loam, 4 to 7 percent slopes, eroded Winfield silt loam, 5 to 10 percent slopes, eroded	477C2	Winfield silt loam, 5 to 10 percent slopes, eroded
279C3, XC3 477C3	Rozetta silty clay loam, 4 to 7 percent slopes, severely eroded Winfield silty clay loam, 5 to 10 percent slopes, severely eroded	477C3	Winfield silty clay loam, 5 to 10 percent slopes, severely eroded
279D,XD 279D2, XD2 279E2, XE2 477D2	Rozetta silt loam, 7 to 12 percent slopes Rozetta silt loam, 7 to 12 percent slopes, eroded Rozetta silt loam, 12 to 18 percent slopes, eroded Winfield silt loam, 10 to 18 percent slopes, eroded	477D2	Winfield silt loam, 10 to 18 percent slopes, eroded
279D3, XD3 279E3, XE3 477D3	Rozetta silty clay loam, 7 to 12 percent slopes, severely eroded Rozetta silty clay loam, 12 to 18 percent slopes, severely eroded Winfield silty clay loam, 10 to 18 percent slopes, severely eroded	477D3	Winfield silty clay loam, 10 to 18 percent slopes, severely eroded
17B 17B2 515B2	Keomah silt loam, 2 to 4 percent slopes Keomah silt loam, 2 to 4 percent slopes, eroded Bunkum silt loam, 2 to 5 percent slopes, eroded	515B2	Bunkum silt loam, 2 to 5 percent slopes, eroded
17C2 18C 18C2 515C2	Keomah silt loam, 4 to 7 percent slopes, eroded Clinton silt loam, 4 to 7 percent slopes Clinton silt loam, 4 to 7 percent slopes, eroded Bunkum silt loam, 5 to 10 percent slopes, eroded	515C2	Bunkum silt loam, 5 to 10 percent slopes, eroded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
18C3 127C3 258C3 515C3	Clinton silty clay loam, 4 to 7 percent slopes, severely eroded Harrison silt loam, 4 to 7 percent slopes, severely eroded Sicily soils, 4 to 7 percent slopes, severely eroded Bunkum silty clay loam, 5 to 10 percent slopes, severely eroded	515C3	Bunkum silty clay loam, 5 to 10 percent slopes, severely eroded
127B 128B 258B 258B2 386B 386B2 538B2	Harrison silt loam, 2 to 4 percent slopes Douglas silt loam, 2 to 4 percent slopes Sicily silt loam, 2 to 4 percent slopes Sicily silt loam, 2 to 4 percent slopes, eroded Downs silt loam, 2 to 4 percent slopes Downs silt loam, 2 to 4 percent slopes, eroded Emery silt loam, 2 to 5 percent slopes, eroded	538B2	Emery silt loam, 2 to 5 percent slopes, eroded
36C 36C2 127C2 128C 246C 246C2 258C 258C2 386C 386C2 538C2	Tama silt loam, 4 to 7 percent slopes Tama silt loam, 4 to 7 percent slopes, eroded Harrison silt loam, 4 to 7 percent slopes, eroded Douglas silt loam, 4 to 7 percent slopes Bolivia silt loam, 4 to 7 percent slopes Bolivia silt loam, 4 to 7 percent slopes, eroded Sicily silt loam, 4 to 7 percent slopes Sicily silt loam, 4 to 7 percent slopes, eroded Downs silt loam, 4 to 7 percent slopes Downs silt loam, 4 to 7 percent slopes, eroded Emery silt loam, 5 to 10 percent slopes, eroded	538C2	Emery silt loam, 5 to 10 percent slopes, eroded
17B 18B 258B 258B2 386B 386B2 582B	Keomah silt loam, 2 to 4 percent slopes Clinton silt loam, 2 to 4 percent slopes Sicily silt loam, 2 to 4 percent slopes Sicily silt loam, 2 to 4 percent slopes, eroded Downs silt loam, 2 to 4 percent slopes Downs silt loam, 2 to 4 percent slopes, eroded Homen silt loam, 2 to 5 percent slopes	582B	Homen silt loam, 2 to 5 percent slopes
258B 258B2 386B 386B2 675B	Sicily silt loam, 2 to 4 percent slopes Sicily silt loam, 2 to 4 percent slopes, eroded Downs silt loam, 2 to 4 percent slopes Downs silt loam, 2 to 4 percent slopes, eroded Greenbush silt loam, 2 to 5 percent slopes	675B	Greenbush silt loam, 2 to 5 percent slopes
258C 258C2 386C 386C2 675C2	Sicily silt loam, 4 to 7 percent slopes Sicily silt loam, 4 to 7 percent slopes, eroded Downs silt loam, 4 to 7 percent slopes Downs silt loam, 4 to 7 percent slopes, eroded Greenbush silt loam, 5 to 10 percent slopes, eroded	675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
8-18F 701F 933F,SF	Hickory-Clinton complex, 18 to 30 percent slopes Menfro-Hickory silt loams, 18 to 35 percent slopes	701F	Menfro-Hickory silt loams, 18 to 35 percent slopes
802E 865 BP	Orthents loamy, hilly Pits, gravel Borrow pits	802E	Orthents loamy, hilly
833F 948F ZF, 280-471	Menfro-Goss complex, 18 to 35 percent slopes Fayette-Clarksville complex, 18 to 30 percent slopes Fayette-Bodine complex, 18 to 30 percent slopes	833F	Menfro-Goss complex, 18 to 35 percent slopes
833F2 948F2 948F3 ZF2, 280-471 ZF3, 280-471	Menfro-Goss complex, 18 to 35 percent slopes, eroded Fayette-Clarksville complex, 18 to 30 percent slopes, eroded Fayette-Clarksville complex, 18 to 30 percent slopes, severely eroded Fayette-Bodine complex, 18 to 30 percent slopes, eroded Fayette-Bodine complex, 18 to 30 percent slopes, severely eroded	833F2	Menfro-Goss complex, 18 to 35 percent slopes, eroded
833G 948G 948G2 ZG 280-471 ZG2, 280-471	Goss-Menfro complex, 35 to 70 percent slopes Fayette-Clarksville complex, 30 to 60 percent slopes Fayette-Clarksville complex, 30 to 60 percent slopes, eroded Fayette-Bodine complex, 30 to 85 percent slopes Fayette-Bodine complex, 30 to 85 percent slopes, eroded	833G	Goss-Menfro complex, 35 to 70 percent slopes
30G 94G 403G 836G	Hamburg silt, 30 to 75 percent slopes Limestone rockland, 30 to 85 percent slopes Elizabeth silt loam, 30 to 85 percent slopes Hamburg-Lacrescent complex, 35 to 60 percent slopes	836G	Hamburg-Lacrescent complex, 35 to 60 percent slopes
94G 403G 837G	Limestone rockland, 30 to 85 percent slopes Elizabeth silt loam, 30 to 85 percent slopes Limestone rockland-Lacrescent complex, 35 to 60 percent slopes	837G	Limestone rockland-Lacrescent complex, 35 to 60 percent slopes
838F 948F ZF, 280-471	Fayette-Goss Complex, 18 to 35 percent slopes Fayette-Clarksville complex, 18 to 30 percent slopes Fayette-Bodine complex, 18 to 30 percent slopes	838F	Fayette-Goss Complex, 18 to 35 percent slopes

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
838F2	Fayette-Goss complex, 18 to 35 percent slopes, eroded	838F2	Fayette-Goss complex, 18 to 35 percent slopes, eroded
948F2	Fayette-Clarksville complex, 18 to 30 percent slopes, eroded		
948F3	Fayette-Clarksville complex, 18 to 30 percent slopes, severely eroded		
ZF2, 280-471	Fayette-Bodine complex, 18 to 30 percent slopes, eroded		
ZF3, 280-471	Fayette-Bodine complex, 18 to 30 percent slopes, severely eroded		
838G	Goss-Fayette complex, 35 to 70 percent slopes	838G	Goss-Fayette complex, 35 to 70 percent slopes
948G	Fayette-Clarksville complex, 30 to 60 percent slopes		
948G2	Fayette-Clarksville complex, 30 to 60 percent slopes, eroded		
ZG 280-471	Fayette-Bodine complex, 30 to 85 percent slopes		
ZG2, 280-471	Fayette-Bodine complex, 30 to 85 percent slopes, eroded		
864	Pits, quarries	864	Pits, quarries
LQ	Limestone quarry		
474	Piasa silt loam	885A	Viriden-Fosterburg silt loams, 0 to 2 percent slopes
885A	Viriden-Fosterburg silt loams, 0 to 2 percent slopes		
46	Herrick silt loam	894A	Herrick-Biddle-Piasa silt loams, 0 to 2 percent slopes
474	Piasa silt loam		
894A	Herrick-Biddle-Piasa silt loams, 0 to 2 percent slopes		
18C	Clinton silt loam, 4 to 7 percent slopes	897C2	Bunkum-Atlas silt loams, 5 to 10 percent slopes, eroded
897C2	Bunkum-Atlas silt loams, 5 to 10 percent slopes, eroded		
19-35D, TD	Sylvan-Bold complex, 7 to 12 percent slopes	962D2	Sylvan-Bold silt loams, 10 to 18 percent slopes, eroded
19-35D2 TD2	Sylvan-Bold complex, 7 to 12 percent slopes, eroded		
19-35E TE	Sylvan-Bold complex, 12 to 18 percent slopes		
19-35E2 TE2	Sylvan-Bold complex, 12 to 18 percent slopes eroded		
30D	Hamburg silt, 7 to 12 percent slopes		
30E	Hamburg silt, 12 to 18 percent slopes		
962D	Sylvan-Bold silt loams, 7 to 12 percent slopes		
962D2	Sylvan-Bold silt loams, 7 to 12 percent slopes, eroded		
962D2	Sylvan-Bold silt loams, 10 to 18 percent slopes, eroded		
962E	Sylvan-Bold silt loams, 12 to 18 percent slopes		
962E2	Sylvan-Bold silt loams, 12 to 18 percent slopes, eroded		

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
19-35D3 TD3	Sylvan-Bold complex, 7 to 12 percent slopes, severely eroded	962D3	Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded
19-35E3 TE3	Sylvan-Bold complex, 12 to 18 percent slopes severely eroded		
962D3	Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded		
962D3	Sylvan-Bold complex, 7 to 12 percent slopes, severely eroded		
962E3	Sylvan-Bold complex, 12 to 18 percent slopes, severely eroded		
19-35F2 TF2	Sylvan-Bold complex, 18 to 30 percent slopes, eroded		
19-35F3 TF3	Sylvan-Bold complex, 18 to 30 percent slopes severely eroded		
962F2	Sylvan-Bold silt loams, 18 to 30 percent slopes, eroded		
962E2	Sylvan-Bold silt loams, 18 to 25 percent slopes, eroded		
962F3	Sylvan-Bold complex, 18 to 30 percent slopes, severely eroded		
19-35F TF	Sylvan-Bold complex, 18 to 30 percent slopes	962F	Sylvan-Bold silt loams, 18 to 35 percent slopes
30F	Hamburg silt, 18 to 30 percent slopes		
962F	Sylvan-Bold silt loams, 18 to 30 percent slopes		
962F	Sylvan-Bold silt loams, 18 to 35 percent slopes		
19-35G TG	Sylvan-Bold complex, 30 to 75 percent slopes	962G	Sylvan-Bold silt loams, 35 to 60 percent slopes
19-35G2 TG2	Sylvan-Bold complex, 30 to 75 percent slopes eroded		
19-35G3 TG3	Sylvan-Bold complex, 30 to 75 percent slopes severely eroded		
30G	Hamburg silt, 30 to 75 percent slopes		
962G	Sylvan-Bold silt loams, 35 to 60 percent slopes		
962G	Sylvan-Bold silt loams, 30 to 75 percent slopes		
962G2	Sylvan-Bold silt loams, 30 to 75 percent slopes, eroded		
962G3	Sylvan-Bold complex, 30 to 75 percent slopes, severely eroded		
474 474- 993A	Piasa silt loam Piasa silt loam, thin surface Cowden-Piasa silt loams, 0 to 2 percent slopes	993A	Cowden-Piasa silt loams, 0 to 2 percent slopes
70 3070A	Beaucoup silty clay loam Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded	3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
70 3070L	Beaucoup silty clay loam Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	3070L	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
71 3071L	Darwin silty clay Darwin silty clay, 0 to 2 percent slopes, frequently flooded, long duration	3071L	Darwin silty clay, 0 to 2 percent slopes, frequently flooded, long duration
180 3074A	Dupo silt loam Radford silt loam, 0 to 2 percent slopes, frequently flooded	3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded
77 3077A	Huntsville silt loam Huntsville silt loam, 0 to 2 percent slopes, frequently flooded	3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded
70 3107A	Beaucoup 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
288 3288A	Petrolia silty clay loam Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded	3288A	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded
333A 333B 3333A	Wakeland silt loam, 0 to 2 percent slopes Wakeland silt loam, 2 to 4 percent slopes Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
331A 3336A	Haymond silt loam, 0 to 2 percent slopes Wilbur silt loam, 0 to 2 percent slopes, frequently flooded	3336A	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded
77+ 451+ 451A 451B 3451A	Huntsville silt loam, overwash Lawson silt loam, overwash Lawson silt loam, 0 to 2 percent slopes Lawson silt loam, 2 to 4 percent slopes Lawson silt loam, 0 to 2 percent slopes, frequently flooded	3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded
475A 475B 3475A	Elsah gravelly silt loam, 0 to 2 percent slopes Elsah gravelly silt loam, 2 to 4 percent slopes Elsah gravelly loam, 0 to 2 percent slopes, frequently flooded	3475A	Elsah gravelly loam, 0 to 2 percent slopes, frequently flooded
331A 331B 3634A	Haymond silt loam, 0 to 2 percent slopes Haymond silt loam 2 to 4 percent slopes Blyton silt loam, 0 to 2 percent slopes, frequently flooded	3634A	Blyton silt loam, 0 to 2 percent slopes, frequently flooded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
70 3641L	Beaucoup silty clay loam Quiver silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	3641L	Quiver silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
37B 7037B	Worthen silt loam, 2 to 4 percent slopes Worthen silt loam, 2 to 5 percent slopes, rarely flooded	7037B	Worthen silt loam, 2 to 5 percent slopes, rarely flooded
75B 331B 333B 7075B	Drury silt loam, 2 to 4 percent slopes Haymond silt loam 2 to 4 percent slopes Wakeland silt loam, 2 to 4 percent slopes Drury silt loam, 2 to 5 percent slopes, rarely flooded	7075B	Drury silt loam, 2 to 5 percent slopes, rarely flooded
81 81+ 7081A	Littleton silt loam Littleton silt loam, overwash Littleton silt loam, 0 to 2 percent slopes, rarely flooded	7081A	Littleton silt loam, 0 to 2 percent slopes, rarely flooded
132A 7242A	Starks silt loam, 0 to 2 percent slopes Kendall silt loam, 0 to 2 percent slopes, rarely flooded	7242A	Kendall silt loam, 0 to 2 percent slopes, rarely flooded
173A 173B 173B2 173C3 7338B2	McGary silt loam, 0 to 2 percent slopes McGary silt loam, 2 to 4 percent slopes McGary silt loam, 2 to 4 percent slopes, eroded McGary soils, 4 to 7 percent slopes, severely eroded Hurst silt loam, 2 to 5 percent slopes, eroded, rarely flooded	7338B2	Hurst silty clay loam, 2 to 5 percent slopes, eroded, rarely flooded
132A 7432A	Starks silt loam, 0 to 2 percent slopes Geff silt loam, 0 to 2 percent slopes, rarely flooded	7432A	Geff silt loam, 0 to 2 percent slopes, rarely flooded
134B 7434B	Camden silt loam, 2 to 4 percent slopes Ridgway silt loam, 2 to 5 percent slopes, rarely flooded	7434B	Ridgway silt loam, 2 to 5 percent slopes, rarely flooded
83 7457A	Wabash silty clay Booker clay, 0 to 2 percent slopes, rarely flooded	7457A	Booker clay, 0 to 2 percent slopes, rarely flooded
28A 28B 8028A	Jules silt loam, 0 to 2 percent slopes Jules silt loam, 2 to 4 percent slopes Jules silt loam, 0 to 2 percent slopes, occasionally flooded	8028A	Jules silt loam, 0 to 2 percent slopes, occasionally flooded
70 8070A	Beaucoup silty clay loam Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded	8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
71 8071A	Darwin silty clay Darwin silty clay, 0 to 2 percent slopes, occasionally flooded	8071A	Darwin silty clay, 0 to 2 percent slopes, occasionally flooded
180 248+ 8180A	Dupo silt loam McFain silt loam, overwash Dupo silt loam, 0 to 2 percent slopes, occasionally flooded	8180A	Dupo silt loam, 0 to 2 percent slopes, occasionally flooded
248 8248A	McFain silty clay McFain silty clay, 0 to 2 percent slopes, occasionally flooded	8248A	McFain silty clay, 0 to 2 percent slopes, occasionally flooded
188A 188B 284A 284B 8284A	Beardstown loam, 0 to 2 percent slopes Beardstown loam, 2 to 4 percent slopes Tice silty clay loam, 0 to 2 percent slopes Tice silty clay loam, 2 to 4 percent slopes Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded	8284A	Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded
132A 9278A	Starks silt loam, 0 to 2 percent slopes Stronghurst silt loam, terrace, 0 to 2 percent slopes	9278A	Stronghurst silt loam, terrace, 0 to 2 percent slopes
132B 132B2 132C 132C2 9278B	Starks silt loam, 2 to 4 percent slopes Starks silt loam, 2 to 4 percent slopes, eroded Starks silt loam, 4 to 7 percent slopes Starks silt loam, 4 to 7 percent slopes, eroded Stronghurst silt loam, terrace, 2 to 5 percent slopes	9278B	Stronghurst silt loam, terrace, 2 to 5 percent slopes
134B 9279B	Camden silt loam, 2 to 4 percent slopes Rozetta silt loam, terrace, 2 to 5 percent slopes	9279B	Rozetta silt loam, terrace, 2 to 5 percent slopes
134C 134C2 134C3 9279C2	Camden silt loam, 4 to 7 percent slopes Camden silt loam, 4 to 7 percent slopes, eroded Camden silty clay loam, 4 to 7 percent slopes, severely eroded Rozetta silt loam, terrace, 5 to 10 percent slopes, eroded	9279C2	Rozetta silt loam, terrace, 5 to 10 percent slopes, eroded

Detailed Soil Map Legend (continued)

Field symbols	Field map unit name	Publication symbol	Approved map unit name
134D 134D2 134D3 134E2 134E3 134F3 9279D3	Camden silt loam, 7 to 12 percent slopes Camden silt loam, 7 to 12 percent slopes, eroded Camden silty clay loam, 7 to 12 percent slopes, severely eroded Camden silt loam, 12 to 18 percent slopes, eroded Camden silty clay loam, 12 to 18 percent slopes, severely eroded Camden silty clay loam, 18 to 30 percent slopes, severely eroded Rozetta silt loam, terrace, 10 to 18 percent slopes, severely eroded	9279D3	Rozetta silty clay loam, terrace, 10 to 18 percent slopes, severely eroded
9962C2	Sylvan-Bold silt loams, terrace, 5 to 10 percent slopes, eroded	9962C2	Sylvan-Bold silt loams, terrace, 5 to 10 percent slopes, eroded
134D 134D2 9962D2	Camden silt loam, 7 to 12 percent slopes Camden silt loam, 7 to 12 percent slopes, eroded Sylvan-Bold silt loams, terrace, 10 to 18 percent slopes, eroded	9962D2	Sylvan-Bold silt loams, terrace, 10 to 18 percent slopes, eroded
131D3 131E3 134D3 134E2 134E3 9962D3	Alvin fine sandy loam, 7 to 12 percent slopes, severely eroded Alvin fine sandy loam, 12 to 18 percent slopes, severely eroded Camden silty clay loam, 7 to 12 percent slopes, severely eroded Camden silt loam, 12 to 18 percent slopes, eroded Camden silty clay loam, 12 to 18 percent slopes, severely eroded Sylvan-Bold complex, terrace, 10 to 18 percent slopes, severely eroded	9962D3	Sylvan-Bold complex, terrace, 10 to 18 percent slopes, severely eroded
M-W P	Miscellaneous water Water	M-W	Miscellaneous water
W P	Water Water	W	Water

Series established by this correlation: None

Series added to the previously correlated legend (1966): Assumption, Atlas, Atterberry, Aviston, Biddle, Blyton, Booker, Bunkum, Caseyville, Elco, Emery, Fosterburg, Geff, Goss, Greenbush, Homen, Hurst, Kendall, Lacrescent, Menfro, Muscatune, Quiver, Radford, Ridgway, Oconee, Osco, Sawmill, Wilbur, and Winfield.

Series dropped from the previously correlated legend (June 1962): Alvin, Beardstown, Bodine, Bolivia(I), Camden, Clinton, Clarksdale, Douglas, Haymond, McGary, Muscatine, Sicily(I), Starks, Tama, Wabash, and Whitaker.

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

Prior soil survey publication: The last soil survey of Jersey County was completed in 1962 and published by the University of Illinois in 1966. It is Illinois Agricultural Experiment Station Soil Report No. 84, "*Soil Survey of Jersey County, Illinois*". Reference to the prior soil survey will be included in the literature citation of the manuscript. This update survey replaces the prior 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: Jersey County joins three modern soil surveys.

Greene County – Modern soil survey (1974)
Macoupin County - Update soil survey Certified (2002)
Madison County - Update soil survey Certified (2002)

An exact join will be completed with the updated Macoupin County and Madison County surveys. An acceptable join will be completed with Greene County.

Disposition of field sheets: The 24 published soil atlas sheets at a scale of 1:20,000 were rectified and ratioed to a scale of 1:12,000. These maps serve as the base maps for the update soil survey of Jersey County. The published maps were used to compile the soils layer onto Mylar sheets with 1:12,000 scale orthophoto quarter quads serving as a base. Publication scale is 1:12,000 according to SSURGO standards. Copies of a computer tape of the final digital product will remain at the Illinois NRCS state office. Digital spatial and attribute data will be provided to the Jersey County Board as part of the cost share cooperative agreement.

Instructions for map compilation and map finishing: Map compilation has been completed by Illinois field soil scientists. The soil layer was recompiled onto Mylar at a 1:12,000 scale. The conventional and special symbols layers will be recompiled onto Mylar at a scale of 1:12,000. The soils layer and spot symbols layer will be delivered to the Kansas Digitizing Center for scanning and digital processing.

Symbols for map finishing are those approved for SSURGO standards and as shown in this document. The Springfield MLRA team will complete a final check of the digital materials before delivering the product to the Digitizing Center for SSURGO certification.

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 USGS 7.5 minute series topographic quadrangle will appear on the published maps. During compilation, only those cultural features that do not appear on the 7.5 minute series topographic quadrangle have been compiled.

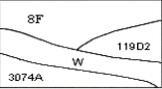
NRCS-SOI-37A
REVISED MAY 2001

Soil Survey Area: Jersey
State: ILLINOIS

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Date: November, 2002

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL																																																																																																																																							
SOIL SURVEY FEATURES		CULTURAL FEATURES (Optional)		HYDROGRAPHIC FEATURES (Optional)																																																																																																																																								
<p>✓ SOIL DELINEATIONS AND LABELS</p>  <p>STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES</p> <ul style="list-style-type: none"> ✓ Bedrock escarpment  ✓ Non-bedrock escarpment  ✓ Gully  ✓ Level Single Side Slope  ✓ Short steep slope  ✓ Blowout  ✓ Borrow pit  ✓ Clay spot  ✓ Closed depression  ✓ Gravel pit  ✓ Gravelly spot  ✓ Landfill  ✓ Lava flow  ✓ Marsh or swamp  ✓ Mine or quarry  ✓ Miscellaneous water  ✓ Perennial water  ✓ Rock outcrop  ✓ Saline spot  ✓ Sandy spot  ✓ Severely eroded spot  ✓ Sinkhole  ✓ Slide or slip  ✓ Sodic spot  ✓ Spoil area  ✓ Stony spot  ✓ Very stony spot  ✓ Wet spot  <p>AD HOC FEATURES (Describe on back)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>LABEL</th> <th>SYMBOL ID</th> <th>SYMBOL</th> <th>LABEL</th> <th>SYMBOL ID</th> <th>SYMBOL</th> </tr> </thead> <tbody> <tr><td>---</td><td>1</td><td><</td><td>---</td><td>23</td><td>⊙</td></tr> <tr><td>---</td><td>2</td><td>∩</td><td>---</td><td>24</td><td>⊙</td></tr> <tr><td>---</td><td>3</td><td>□</td><td>---</td><td>25</td><td>⊙</td></tr> <tr><td>---</td><td>4</td><td>⊗</td><td>---</td><td>26</td><td>⊗</td></tr> <tr><td>---</td><td>5</td><td>∩</td><td>---</td><td>27</td><td>⊗</td></tr> <tr><td>---</td><td>6</td><td>∩</td><td>---</td><td>28</td><td>⊗</td></tr> <tr><td>---</td><td>7</td><td>⊗</td><td>---</td><td>29</td><td>⊗</td></tr> <tr><td>---</td><td>8</td><td>⊗</td><td>---</td><td>30</td><td>⊗</td></tr> <tr><td>---</td><td>9</td><td>⊗</td><td>---</td><td>31</td><td>⊗</td></tr> <tr><td>---</td><td>10</td><td>⊗</td><td>---</td><td>32</td><td>⊗</td></tr> <tr><td>---</td><td>11</td><td>⊗</td><td>---</td><td>33</td><td>⊗</td></tr> <tr><td>---</td><td>12</td><td>⊗</td><td>---</td><td>34</td><td>⊗</td></tr> <tr><td>---</td><td>13</td><td>∩</td><td>---</td><td>35</td><td>⊗</td></tr> <tr><td>---</td><td>14</td><td>∩</td><td>---</td><td>36</td><td>∩</td></tr> <tr><td>---</td><td>15</td><td>∩</td><td>---</td><td>37</td><td>∩</td></tr> <tr><td>---</td><td>16</td><td>∩</td><td>---</td><td>38</td><td>∩</td></tr> <tr><td>---</td><td>17</td><td>∩</td><td>---</td><td>39</td><td>∩</td></tr> <tr><td>---</td><td>18</td><td>∩</td><td>---</td><td>40</td><td>∩</td></tr> <tr><td>---</td><td>19</td><td>∩</td><td>---</td><td>41</td><td>∩</td></tr> <tr><td>---</td><td>20</td><td>∩</td><td>---</td><td>42</td><td>∩</td></tr> <tr><td>---</td><td>21</td><td>∩</td><td>---</td><td>43</td><td>∩</td></tr> <tr><td>---</td><td>22</td><td>∩</td><td>---</td><td>44</td><td>∩</td></tr> </tbody> </table>	LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL	---	1	<	---	23	⊙	---	2	∩	---	24	⊙	---	3	□	---	25	⊙	---	4	⊗	---	26	⊗	---	5	∩	---	27	⊗	---	6	∩	---	28	⊗	---	7	⊗	---	29	⊗	---	8	⊗	---	30	⊗	---	9	⊗	---	31	⊗	---	10	⊗	---	32	⊗	---	11	⊗	---	33	⊗	---	12	⊗	---	34	⊗	---	13	∩	---	35	⊗	---	14	∩	---	36	∩	---	15	∩	---	37	∩	---	16	∩	---	38	∩	---	17	∩	---	39	∩	---	18	∩	---	40	∩	---	19	∩	---	41	∩	---	20	∩	---	42	∩	---	21	∩	---	43	∩	---	22	∩	---	44	∩	<p>BOUNDARIES</p> <ul style="list-style-type: none"> ✓ National, state or province  ✓ County or parish  Minor civil division  Reservation (national or state forest or park)  Limit of soil survey (label) and/or denied access areas  ✓ Field sheet matchline and neatline  Public Land Survey System Section Boundary  ✓ Public Land Survey System Section Corner Tics  <p>TRANSPORTATION</p> <ul style="list-style-type: none"> Divided road Normally not shown  Other road Normally not shown  Trail Normally not shown  <p>ROAD EMBLEMS</p> <ul style="list-style-type: none"> Interstate  ✓ Federal  ✓ State  County, farm or ranch  <p>LOCATED OBJECTS</p> <ul style="list-style-type: none"> Airport, airfield  Cemetery  Church  Farmstead, house (omit in urban areas)  Lighthouse  Located object (label)  Lookout tower  Oil and/or natural gas well  Other Religion (label)  School  Soil sample site (compiled only not published)  Tank (label)  Windmill  	<p>Drainage end (indicates direction of flow) </p> <p>Perennial stream </p> <p>Intermittent stream </p> <p>Unclassified stream </p> <p>Perennial drainage or irrigation ditch </p> <p>Intermittent drainage or irrigation ditch </p> <p>Unclassified drainage or irrigation ditch </p> <p>Flood pool line </p> <p>Spring </p> <p>Well, artesian </p> <p>Well, irrigation </p>
LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL																																																																																																																																							
---	1	<	---	23	⊙																																																																																																																																							
---	2	∩	---	24	⊙																																																																																																																																							
---	3	□	---	25	⊙																																																																																																																																							
---	4	⊗	---	26	⊗																																																																																																																																							
---	5	∩	---	27	⊗																																																																																																																																							
---	6	∩	---	28	⊗																																																																																																																																							
---	7	⊗	---	29	⊗																																																																																																																																							
---	8	⊗	---	30	⊗																																																																																																																																							
---	9	⊗	---	31	⊗																																																																																																																																							
---	10	⊗	---	32	⊗																																																																																																																																							
---	11	⊗	---	33	⊗																																																																																																																																							
---	12	⊗	---	34	⊗																																																																																																																																							
---	13	∩	---	35	⊗																																																																																																																																							
---	14	∩	---	36	∩																																																																																																																																							
---	15	∩	---	37	∩																																																																																																																																							
---	16	∩	---	38	∩																																																																																																																																							
---	17	∩	---	39	∩																																																																																																																																							
---	18	∩	---	40	∩																																																																																																																																							
---	19	∩	---	41	∩																																																																																																																																							
---	20	∩	---	42	∩																																																																																																																																							
---	21	∩	---	43	∩																																																																																																																																							
---	22	∩	---	44	∩																																																																																																																																							

Definitions and Guidelines for Use of Conventional and Special Symbols
for Jersey County, Illinois

Description	Label	Definitions and Guidelines
Cultural Features		
Federal and State Road Emblems		Use appropriate symbols for Federal and State roads. Other roads will not be labeled.
Landform Features		
Borrow pit	BPI	An open excavation from which soil and underlying material have been removed, usually for construction purposes. Typically ¼ to 2 acres.
Escarpment, bedrock	ESB	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.
Escarpment, other	ESO	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 soil.
Levee, single side slope	LVS	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands.
Marsh or swamp	MAR	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 ½ to 3 acres.
Mine or quarry	MPI	An open excavation from which soil and underlying material is removed exposing the bedrock. Also used to denote surface openings to underground mines. Typically ¼ to 2 acres.
Rock outcrop (includes sandstone and shale)	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. Typically ¼ to 2 acres.
Sandy spot	SAN	Surface layer with sand content greater than 75 percent in areas where the surface layer of the named soils of the surrounding map unit have less than about 25 percent sand. Typically ½ to 3 acres.
Severely eroded spot	ERO	An area where on the average 75 percent or more of the original surface layer has been lost from accelerated erosion. Typically ½ to 3 acres.
Short steep slope	SLP	Narrow soil area that has slopes that are at least 2 slope classes steeper than the slope class of the surrounding map unit.
Sinkhole	SNK	A closed depression formed either by solution of the surficial rock or by collapse of underlying caves. Typically ¼ to 3 acres.
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 ½ to 3 acres.
Ad Hoc surface features		
Calcareous spot	CSP	Small areas where the soil surface layer is calcareous (reacts to 1N HCl) in areas where the surface layer of the named soils do not react. Typically ½ to 2 acres.
Gray soil spot	GSP	Areas where the surface layer is mixed with a light colored subsurface layer exposed on the surface, where the surrounding soils do not contain a light colored subsurface layer. These soils are in poorly drained depressions. Typically ¼ to 2 acres.

**Soil Mapunit Symbol Conversion Legend Jersey County, Illinois
November 2002**

Field Symbol	Publication Symbol
8-18D2	119D2
8-18D3	119D3
8-18E	119D2
8-18E2	119D2
8-18E3	119D3
8-18F	8F
8-18F	701F
8-18F2	8F2
8-18F3	8F2
8D3	8D3
8E	8D2
8E2	8D2
8E3	8D3
8F	8F
8F2	8F2
8F3	8F2
8G	8G
8G2	8G
8G3	8G
16	16A
17A	17A
17B	279B
17B	515B2
17B	582B
17B2	515B2
17C2	515C2
18B	279B
18B	582B
18C	515C2
18C	897C2
18C2	119C2
18C2	515C2
18C3	119C3
18C3	515C3
18D	119D2
18D2	119D2
18D3	119D3
18E3	119D3
19-35C	280C2
19-35C2	280C2
19-35D	962D2

Field Symbol	Publication Symbol
19-35D2	962D2
19-35D3	962D3
19-35E	962D2
19-35E2	962D2
19-35E3	962D3
19-35F	962F
19-35F2	962E2
19-35F3	962E2
19-35G	962G
19-35G2	962G
19-35G3	962G
28A	8028A
28B	8028A
30D	962D2
30E	962D2
30F	962F
30G	836G
30G	962G
36B	86B
36B2	86B
36C	86C2
36C	538C2
36C2	86C2
36C2	538C2
37B	7037B
37C	75C
37D	75C
41	46A
41	51A
45	45A
46	46A
46	894A
47	47A
50	47A
50	50A
68	68A
70	3070A
70	3070L
70	3107A
70	3641L
70	8070A

Field Symbol	Publication Symbol
71	3071L
71	8071A
75B	7075B
75C	75C
75D	75C
75D2	75C
77	3077A
77+	3451A
81	7081A
81+	7081A
83	7457A
94G	836G
94G	837G
112A	112A
112B	112A
127B	127B
127B	438B
127B	538B2
127C2	538C2
127C3	515C3
128B	438B
128B	538B2
128C	538C2
131B	434B
131C2	434C2
131D3	9962D3
131E3	9962D3
132A	7242A
132A	7432A
132A	9278A
132B	9278B
132B2	9278B
132C	9278B
132C2	9278B
134A	434B
134B	434B
134B	7434B
134B	9279B
134C	9279C2
134C2	9279C2

Field Symbol	Publication Symbol
134C3	9279C2
134D	9279D3
134D	9962D2
134D2	9279D3
134D2	9962D2
134D3	9279D3
134D3	9962D3
134E2	9279D3
134E2	9962D3
134E3	9279D3
134E3	9962D3
134F3	9279D3
173A	7338B2
173B	7338B2
173B2	7338B2
173C3	7338B2
180	3074A
180	8180A
188A	8284A
188B	8284A
246B	86B
246B2	86B
246C	86C2
246C	538C2
246C2	86C2
246C2	538C2
248	8248A
248+	8180A
257	61A
257	113A
257A	113A
258B	113B
258B	438B
258B	538B2
258B	582B
258B	675B
258B2	438B
258B2	538B2
258B2	582B
258B2	675B
258C	259C2

Field Symbol	Publication Symbol
258C	538C2
258C	675C2
258C2	259C2
258C2	538C2
258C2	675C2
258C3	119C3
258C3	279C3
258C3	515C3
274G	79G
274G	280G
278A	267A
278A	278A
278B	267B
278B	279B
279B	279B
279B	477B
279B	477B3
279C	279C2
279C	477C2
279C2	279C2
279C2	477C2
279C3	279C3
279C3	477C3
279D	119D2
279D	279D2
279D	477D2
279D2	119D2
279D2	279D2
279D2	477D2
279D3	119D3
279D3	279D3
279D3	477D3
279E2	119D2
279E2	279D2
279E2	477D2
279E3	119D3
279E3	279D3
279E3	477D3
280-471F	833F
280-471F	838F
280-471F2	833F2
280-471F2	838F2
280-471F3	833F2
280-471F3	838F2

Field Symbol	Publication Symbol
280-471G	833G
280-471G	838G
280-471G2	833G
280-471G2	838G
280B	79B
280B	280B
280C	79C
280C	280C
280C2	79C2
280C2	280C2
280C3	79C3
280C3	280C3
280D	79D
280D	280D
280D2	79D2
280D2	280D2
280D3	79D3
280D3	280D3
280E	79D
280E	280D
280E2	79D2
280E2	280D2
280E3	79D3
280E3	280D3
280F	79F
280F	280F
280F2	79E2
280F2	280E2
280F3	79E2
280F3	280E2
280G	79G
280G	280G
284A	8284A
284B	8284A
288	3288A
331A	3336A
331A	3634A
331B	3634A
331B	7075B
333A	3333A
333B	3333A
333B	7075B
386B	113B
386B	438B

Field Symbol	Publication Symbol
386B	538B2
386B	582B
386B	675B
386B2	438B
386B2	538B2
386B2	582B
386B2	675B
386C	259C2
386C	538C2
386C	675C2
386C2	259C2
386C2	538C2
386C2	675C2
403G	836G
403G	837G
451+	3451A
451A	3451A
451B	3451A
474	885A
474	894A
474	993A
474-	993A
475A	3475A
475B	3475A
865	802E
933D2	119D2
933D3	119D3
933E	119D2
933E2	119D2
933E3	119D3
933F	8F
933F	701F
933F2	8F2
933F3	8F2
948F	833F
948F	838F
948F2	833F2
948F2	838F2
948F3	833F2
948F3	838F2
948G	833G
948G	838G
948G2	833G
948G2	838G
962C	280C2

962C2	280C2
962D	962D2
962D2	962D2
962D3	962D3
962E	962D2
962E2	962D2
962E3	962D3
962F	962F
962F2	962E2
962F3	962E2
962G	962G
962G2	962G
962G3	962G
9962C2	9962C2
BP	802E
LQ	864
P	M-W
P	W
SD2	119D2
SD3	119D3
SE	119D2
SE2	119D2
SE3	119D3
SF	8F
SF	701F
SF2	8F2
SF3	8F2
TC	280C2
TC2	280C2
TD	962D2
TD2	962D2
TD3	962D3
TE	962D2
TE2	962D2
TE3	962D3
TF	962F
TF2	962E2
TF3	962E2
TG	962G
TG2	962G
TG3	962G
XB	279B
XB	477B
XB	477B3
XC	279C2
XC	477C2

Field Symbol	Publication Symbol
XC2	279C2
XC2	477C2
XC3	279C3
XC3	477C3
XD	119D2
XD	279D2
XD	477D2
XD2	119D2
XD2	279D2
XD2	477D2
XD3	119D3
XD3	279D3
XD3	477D3
XE2	119D2

Field Symbol	Publication Symbol
XE2	279D2
XE2	477D2
XE3	119D3
XE3	279D3
XE3	477D3
YB	79B
YB	280B
YC	79C
YC	280C
YC2	79C2
YC2	280C2
YC3	79C3
YC3	280C3
YD	79D
YD	280D

YD2	79D2
YD2	280D2
YD3	79D3
YD3	280D3
YE	79D
YE	280D
YE2	79D2
YE2	280D2
YE3	79D3
YE3	280D3
YF	79F
YF	280F
YF2	79E2
YF2	280E2
YF3	79E2
YF3	280E2

Field Symbol	Publication Symbol
YG	79G
YG	280G
ZF	833F
ZF	838F
ZF2	833F2
ZF2	838F2
ZF3	833F2
ZF3	838F2
ZG	833G
ZG	838G
ZG2	833G
ZG2	838G

Some field symbols are correlated to more than one publication symbol. Field checks, geology and slope maps were used to make these correlation decisions. See "Notes to Accompany" for description of these separations.

ALPHABETIC SOIL MAP LEGEND
Jersey County, Illinois

Map symbol	Soil name
259C2	Assumption silt loam, 5 to 10 percent slopes, eroded
61A	Atterberry silt loam, 0 to 2 percent slopes
438B	Aviston silt loam, 2 to 5 percent slopes
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded
3070L	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded
3634A	Blyton silt loam, 0 to 2 percent slopes, frequently flooded
7457A	Booker clay, 0 to 2 percent slopes, rarely flooded
515B2	Bunkum silt loam, 2 to 5 percent slopes, eroded
515C2	Bunkum silt loam, 5 to 10 percent slopes, eroded
515C3	Bunkum silty clay loam, 5 to 10 percent slopes, severely eroded
897C2	Bunkum-Atlas silt loams, 5 to 10 percent slopes, eroded
267A	Caseyville silt loam, 0 to 2 percent slopes
267B	Caseyville silt loam, 2 to 5 percent slopes
112A	Cowden silt loam, 0 to 2 percent slopes
993A	Cowden-Piasa silt loams, 0 to 2 percent slopes
3071L	Darwin silty clay, 0 to 2 percent slopes, frequently flooded, long duration
8071A	Darwin silty clay, 0 to 2 percent slopes, occasionally flooded
45A	Denny silt loam, 0 to 2 percent slopes
7075B	Drury silt loam, 2 to 5 percent slopes, rarely flooded
75C	Drury silt loam, 5 to 10 percent slopes
8180A	Dupo silt loam, 0 to 2 percent slopes, occasionally flooded
119C2	Elco silt loam, 5 to 10 percent slopes, eroded
119C3	Elco silty clay loam, 5 to 10 percent slopes, severely eroded
119D2	Elco silt loam, 10 to 18 percent slopes, eroded
119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded
3475A	Elsah gravelly loam, 0 to 2 percent slopes, frequently flooded
538B2	Emery silt loam, 2 to 5 percent slopes, eroded
538C2	Emery silt loam, 5 to 10 percent slopes, eroded
280B	Fayette silt loam, 2 to 5 percent slopes
280C	Fayette silt loam, 5 to 10 percent slopes
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded
280C3	Fayette silty clay loam, 5 to 10 percent slopes, severely eroded
280D	Fayette silt loam, 10 to 18 percent slopes
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded
280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded
280E2	Fayette silt loam, 18 to 25 percent slopes, eroded
280F	Fayette silt loam, 18 to 35 percent slopes
280G	Fayette silt loam, 35 to 60 percent slopes
838F	Fayette-Goss complex, 18 to 35 percent slopes
838F2	Fayette-Goss complex, 18 to 35 percent slopes, eroded
7432A	Geff silt loam, 0 to 2 percent slopes, rarely flooded
838G	Goss-Fayette complex, 35 to 70 percent slopes
833G	Goss-Menfro complex, 35 to 70 percent slopes
675B	Greenbush silt loam, 2 to 5 percent slopes
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded
836G	Hamburg-Lacrescent complex, 35 to 60 percent slopes
127B	Harrison silt loam, 2 to 5 percent slopes
46A	Herrick silt loam, 0 to 2 percent slopes
894A	Herrick-Biddle-Piasa silt loams, 0 to 2 percent slopes
8D2	Hickory loam, 10 to 18 percent slopes, eroded
8D3	Hickory clay loam, 10 to 18 percent slopes, severely eroded
8F2	Hickory loam, 18 to 35 percent slopes, eroded

ALPHABETIC SOIL MAP LEGEND
Jersey County, Illinois

Map symbol	Soil name
8F	Hickory silt loam, 18 to 35 percent slopes
8G	Hickory silt loam, 35 to 60 percent slopes
582B	Homen silt loam, 2 to 5 percent slopes
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded
7338B2	Hurst silty clay loam, 2 to 5 percent slopes, eroded, rarely flooded
8028A	Jules silt loam, 0 to 2 percent slopes, occasionally flooded
7242A	Kendall silt loam, 0 to 2 percent slopes, rarely flooded
17A	Keomah silt loam, 0 to 2 percent slopes
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded
837G	Limestone rockland-Lacrescent complex, 35 to 60 percent slopes
7081A	Littleton silt loam, 0 to 2 percent slopes, rarely flooded
8248A	McFain silty clay, 0 to 2 percent slopes, occasionally flooded
79B	Menfro silt loam, 2 to 5 percent slopes
79C	Menfro silt loam, 5 to 10 percent slopes
79C2	Menfro silt loam, 5 to 10 percent slopes, eroded
79C3	Menfro silty clay loam, 5 to 10 percent slopes, severely eroded
79D	Menfro silt loam, 10 to 18 percent slopes
79D2	Menfro silt loam, 10 to 18 percent slopes, eroded
79D3	Menfro silty clay loam, 10 to 18 percent slopes, severely eroded
79E2	Menfro silt loam, 18 to 25 percent slopes, eroded
79F	Menfro silt loam, 18 to 35 percent slopes
79G	Menfro silt loam, 35 to 60 percent slopes
833F	Menfro-Goss complex, 18 to 35 percent slopes
833F2	Menfro-Goss complex, 18 to 35 percent slopes, eroded
701F	Menfro-Hickory silt loams, 18 to 35 percent slopes
M-W	Miscellaneous water
51A	Muscatune silt loam, 0 to 2 percent slopes
113A	Oconee silt loam, 0 to 2 percent slopes
113B	Oconee silt loam, 2 to 5 percent slopes
802E	Orthents loamy, hilly
86B	Osco silt loam, 2 to 5 percent slopes
86C2	Osco silt loam, 5 to 10 percent slopes, eroded
3288A	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded
864	Pits, quarries
3641L	Quiver silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded
434B	Ridgway silt loam, 2 to 5 percent slopes
434C2	Ridgway silt loam, 5 to 10 percent slopes, eroded
7434B	Ridgway silt loam, 2 to 5 percent slopes, rarely flooded
279B	Rozetta silt loam, 2 to 5 percent slopes
279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded
279C3	Rozetta silty clay loam, 5 to 10 percent slopes, severely eroded
279D2	Rozetta silt loam, 10 to 18 percent slopes, eroded
279D3	Rozetta silty clay loam, 10 to 18 percent slopes, severely eroded
9279B	Rozetta silt loam, terrace, 2 to 5 percent slopes
9279C2	Rozetta silt loam, terrace, 5 to 10 percent slopes, eroded
9279D3	Rozetta silty clay loam, terrace, 10 to 18 percent slopes, severely eroded
16A	Rushville 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
278A	Stronghurst silt loam, 0 to 2 percent slopes
9278A	Stronghurst silt loam, terrace, 0 to 2 percent slopes
9278B	Stronghurst silt loam, terrace, 2 to 5 percent slopes
962D2	Sylvan-Bold silt loams, 10 to 18 percent slopes, eroded

**ALPHABETIC SOIL MAP LEGEND
Jersey County, Illinois**

Map symbol	Soil name
962D3	Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded
962E2	Sylvan-Bold silt loams, 18 to 25 percent slopes, eroded
962F	Sylvan-Bold silt loams, 18 to 35 percent slopes
962G	Sylvan-Bold silt loams, 35 to 60 percent slopes
9962C2	Sylvan-Bold silt loams, terrace, 5 to 10 percent slopes, eroded
9962D2	Sylvan-Bold silt loams, terrace, 10 to 18 percent slopes, eroded
9962D3	Sylvan-Bold complex, terrace, 10 to 18 percent slopes, severely eroded
8284A	Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded
47A	Viriden silt loam, 0 to 2 percent slopes
50A	Viriden silty clay loam, 0 to 2 percent slopes
885A	Viriden-Fosterburg silt loams, 0 to 2 percent slopes
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
W	Water
3336A	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded
477B	Winfield silt loam, 2 to 5 percent slopes
477B3	Winfield silty clay loam, 2 to 5 percent slopes, severely eroded
477C2	Winfield silt loam, 5 to 10 percent slopes, eroded
477C3	Winfield silty clay loam, 5 to 10 percent slopes, severely eroded
477D2	Winfield silt loam, 10 to 18 percent slopes, eroded
477D3	Winfield silty clay loam, 10 to 18 percent slopes, severely eroded
7037B	Worthen silt loam, 2 to 5 percent slopes, rarely flooded

CLASSIFICATION OF PEDONS SAMPLED FOR LABORATORY ANALYSIS

Sampled as	Pedon Number/Lab number	Lab	Publication sym	Approved Series or Classification. *
Darwin (71)	78IL-083-003 23361-23367	U of I	3071L	Darwin. Clay content of particle size control section slightly less than OSD range(45-60%), but data was not available for Bg3 horizon to calculate entire 10-40" control section.
Drury (75B)	78IL-083-005 23373-23378	U of I	7075B	Drury, taxadjunct. Inclusion in Drury (fine-silty, mixed, superactive, mesic Typic Hapludalfs)
Fayette (280B)	28IL-083-001 13095-13100	U of I	280B	Fayette, can not determine exact location, or map unit
Fayette (280C)	44IL-083-001	U of I	79C	Menfro, warm mesic
Herrick (46)	42IL-083-001 16807-16825	U of I	46A	Herrick, taxadjunct. Inclusion in Herrick(fine-silty, mixed, superactive, mesic Aquic Argiudolls)
Littleton (81)	78IL-083-001 23330-23336	U of I	7081A	Littleton, taxadjunct. Inclusion in Littleton(coarse-silty, mixed, superactive, mesic Aquic Cumulic Hapludolls)
McGary (173A)	78IL-083-006 23379-23385	U of I	7338B2	Hurst, taxadjunct. Very-fine, smectitic, mesic, Chromic Vertic Albaqualfs
Muscatine (41)	42IL-083-002 16831-16856	U of I	51A	Muscature borderline argillic
Wabash (83)	78IL-083-002 23337-23344	U of I	7457A	Booker. No data for upper part of Bg1 to accurately determine presence or absence of an argillic horizon
Worthen (37B)	78IL-083-004 23368-23372	U of I	7037B	Worthen, taxadjunct- inclusion in Worthen(coarse-silty, mixed, superactive, mesic Cumulic Hapludolls)
Worthen (37B)	69IL-083-001	U of I	7037B	Worthen, taxadjunct- inclusion in Worthen(coarse-silty, mixed, superactive, mesic Cumulic Hapludolls)
Fayette (280C)	44IL-083-001 17088-17106	BPR	79C	Menfro, warm mesic
Fayette T8N, R13W Sec 26	unknown	BPR		Fayette
Fayette T9N, R13W Sec 34	unknown	BPR	280C	Fayette
Herrick (46)	42IL-083-001	BPR	46A	Herrick, taxadjunct- inclusion in Herrick(fine-silty, mixed, superactive, mesic Aquic Argiudolls)
Herrick (46) T8N, R10W Sec 1	unknown	BPR	46A	Herrick
Hickory (8-18E3) T8N, R10W Sec 17	unknown	BPR	119D3	Hickory- inclusion in Elco
Hickory (8-18E3) T9N, R10W Sec 35	unknown	BPR	119D3	Hickory- inclusion in Elco
Hickory (8F3) T9N, R10W Sec 28	unknown	BPR	8F2	Hickory
Muscatine (41)	42IL-083-002	BPR	51A	Muscature borderline argillic
Muscatine (41) T8N, R11W Sec 1	unknown	BPR	46A	Muscature- inclusion in Herrick
Muscatine (41) T8N, R12W Sec 22	unknown	BPR	51A	Muscature
Piasa (474) T7N, R10W Sec 1	unknown	BPR	885A	Piasa, taxadjunct, -inclusion in Virden-Fosterburg silt loams(fine-silty, mixed superactive, mesic Mollic Natraqualfs)
Piasa (474) T8N, R10W Sec 13	unknown	BPR	894A	Piasa, component in Herrick-Biddle-Piasa silt loams complex
Piasa (474) T8N, R10W Sec 23	unknown	BPR	993A	Piasa component in Cowden-Piasa silt loams, complex

* Classification of pedons sampled by the US Dept of Commerce, Bureau of Public Roads (BPR) is based on limited data. Not all horizons were sampled, therefore, classification or series placement is not as accurate as if the lab data were complete.

**Notes to Accompany the Classification and Correlation
of the Sols of Jersey County, Illinois**

Prepared by Robert Tegeler

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
8D2	Hickory loam, 10 to 18 percent slopes, eroded	(1) The map unit representative pedon is: 85IL-021-048. RT 11/07/02
8D3	Hickory clay loam, 10 to 18 percent slopes, severely eroded	(1)
8F	Hickory silt loam, 18 to 35 percent slopes	(1) The Hickory-Clinton complex will be correlated to this map unit. The map unit representative pedon is: the OSD pedon from Bond County. RT 11/07/02
8F2	Hickory loam, 18 to 35 percent slopes, eroded	(1) The Hickory-Clinton complex will be correlated to this map unit. The map unit representative pedon is: 80IL-069-020. RT 11/07/02
8F2	Hickory loam, 18 to 35 percent slopes, eroded	The depth to the base of the argillic horizon in this map unit is less than is definitive for the series. BT 11/07/02
8G	Hickory silt loam, 35 to 60 percent slopes	(1) The map unit representative and TUD pedon is: 97IL-017-002. RT 11/07/02
16A	Rushville silt loam, 0 to 2 percent slopes	(1) The map unit representative and TUD pedon is: 95IL-001-038. RT 11/07/02
17A	Keomah silt loam, 0 to 2 percent slopes	(1) This series is mapped where associated with other fine family soils. The map unit representative and TUD pedon is: 95IL-001-023. RT 11/07/02
47A	Virden silt loam, 0 to 2 percent slopes	(1) The map unit 50A with a silty clay loam surface will be correlated to this map unit, except along the Macoupin County line.
50A	Virden silty clay loam, 0 to 2 percent slopes	(1) This map unit is retained on the legend to join Macoupin County only. The map unit representative and TUD (OSD) pedon is: 00IL-001-006. RT 11/07/02
51A	Muscataune silt loam, 0 to 2 percent slopes	(2) This unit replaces the Muscataune series that have an argillic horizon, and is mapped in association with other fine-silty soils. The map unit representative and TUD pedon is: 86IL-187-100. RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
61A	Atterberry silt loam, 0 to 2 percent slopes	(2) This series replaces the Clarksdale series where mapped in association with fine-silty soils. The map unit representative and TUD (OSD) pedon is: 83IL-011-108. RT 11/07/02
68A	Sable silty clay loam, 0 to 2 percent slopes	(1) This series is mapped in association with fine-silty soils. The map unit representative and TUD (OSD) pedon is: 57IL-187-001. RT 11/07/02
75C	Drury silt loam, 5 to 10 percent slopes	(1) The map unit representative pedon is: 88IL-169-042. RT 11/07/02
79B	Menfro silt loam, 2 to 5 percent slopes	(2) This series replaces the Fayette series in warm mesic areas of the county.
79C	Menfro silt loam, 5 to 10 percent slopes	(2) This series replaces the Fayette series in the warm mesic, wooded areas of the county.
79C2	Menfro silt loam, 5 to 10 percent slopes, eroded	(2) This series replaces the Fayette series in the warm mesic, cropland and pastureland areas of the county.
79C3	Menfro silty clay loam, 5 to 10 percent slopes, severely eroded	(2) This series replaces the Fayette series in the warm mesic areas of the county.
79D	Menfro silt loam, 10 to 18 percent slopes	(2) This series replaces the Fayette series in the warm mesic, wooded areas of the county.
79D2	Menfro silt loam, 10 to 18 percent slopes, eroded	(2) This series replaces the Fayette series mapped in the warm mesic, cropland and pastureland areas of the county.
79D3	Menfro silty clay loam, 10 to 18 percent slopes, severely eroded	(2) This series replaces the Fayette series mapped in the warm mesic areas of the county. The map unit representative pedon is: 87IL-149-037. RT 11/07/02
79E2	Menfro silt loam, 18 to 25 percent slopes, eroded	(2) This series replaces the Fayette series mapped in the warm mesic, pastureland areas of the county.
79F	Menfro silt loam, 18 to 35 percent slopes	(2) This series replaces the Fayette series mapped in the warm mesic, wooded areas of the county.
79G	Menfro silt loam, 35 to 60 percent slopes	(2) This series replaces the Fayette series mapped in the warm mesic areas of the county.
86B	Oscos silt loam, 2 to 5 percent slopes	(2) The Oscos series replaces the Tama series that have seasonally saturated zones within 4 to 6 feet of the soil surface. The map unit representative and TUD (OSD) pedon is: 56IL-015-002 RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
86C2	Oscosilt loam, 5 to 10 percent slopes, eroded	(2) The Oscoseries replaces the Tamaseries that have seasonally saturated zones within 4 to 6 feet of the soil surface, and is mapped in the deep loess areas of the county. The map unit representative pedon is: 83IL-011-033. RT 11/07/02
86C2	Oscosilt loam, 5 to 10 percent slopes, eroded	This map unit is a taxadjunct to the series, as the mollic epipedon is thinner than defined for the series. It classifies as: fine-silty, mixed, superactive, mesic Mollic Hapludalfs. BT 11/07/02
112A	Cowdensilt loam, 0 to 2 percent slopes	(1) The map unit representative and TUD (OSD) pedon is: from Montgomery County. RT 11/07/02
113A	Oconeesilt loam, 0 to 2 percent slopes	(2) This series replaces the Clarksdale series in the moderately deep loess areas of the county. The map unit representative pedon is: 84IL-021-049. RT 11/07/02
113B	Oconeesilt loam, 2 to 5 percent slopes	(2) This mapunit replaces the Sicily series (now inactive) along the Macoupin County line, for join purposes only. The map unit representative and TUD (OSD) pedon is:from Madison County. RT 11/07/02
119C2	Elcosilt loam, 5 to 10 percent slopes, eroded	(2) This map unit replaces the Clinton series on sideslopes. The map unit representative pedon is: 81IL-117-093. RT 11/07/02
119C3	Elcosilty clay loam, 5 to 10 percent slopes, severely eroded	(2) This map unit replaces the Clinton series and severely eroded areas of the inactive Sicily series, on sideslopes.
119D2	Elcosilt loam, 10 to 18 percent slopes, eroded	(2) This map unit replaces the Clinton series on sideslopes, the Hickory-Clinton complex, and the Rozetta series in glacial till areas of the county The map unit representative pedon is: 77IL-073-018. RT 11/07/02
119D3	Elcosilty clay loam, 10 to 18 percent slopes, severely eroded	(2) This map unit replaces the Clinton series on sideslopes, the Hickory-Clinton complex, and the Rozetta series in glacial till areas.
127B	Harrisonsilt loam, 2 to 5 percent slopes	(1) This map unit is retained on the legend for join purposes with Macoupin County only. The map unit representative and TUD (OSD) pedon is:83IL-021-024. RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
259C2	Assumption silt loam, 5 to 10 percent slopes, eroded	(2) This map unit replaces the inactive Sicily series on sideslopes in moderately deep loess areas of the county. The map unit representative pedon is: 86IL-187-065. RT 11/07/02
259C2	Assumption silt loam, 5 to 10 percent slopes, eroded	This map unit is a taxadjunct to the series as the mollic epipedon is thinner than defined for the series. It classifies as fine-silty, mixed, superactive, mesic Mollic Hapludalfs. BT 11/07/02
267A	Caseyville silt loam, 0 to 2 percent slopes	(2) This series replaces the Stronghurst series in warm mesic areas of the county. The map unit representative and TUD (OSD) pedon is:from St. Clair County. RT 11/07/02
267B	Caseyville silt loam, 2 to 5 percent slopes	(2) This series replaces the Stronghurst series in the warm mesic areas of the county.
278A	Stronghurst silt loam, 0 to 2 percent slopes	(1) This series is mapped in the cool mesic areas of the county. The map unit representative and TUD pedon is: 82IL-011-072. RT 11/07/02
279B	Rozetta silt loam, 2 to 5 percent slopes	(1) This series is mapped in the cool mesic areas of the county. This map unit replaces the Clinton, Keomah, and Stronghurst series on summits in the deep loess areas of the county. The map unit representative pedon is: 95IL-057-001. RT 11/07/02
279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded	(1) This series is mapped in the cool mesic areas of the county. The map unit representative pedon is: 93IL-057-065. RT 11/07/02
279C3	Rozetta silty clay loam, 5 to 10 percent slopes, severely eroded	(1) This map unit is used in the cool mesic areas of the county. It also replaces severely eroded map units of the inactive Sicily series in deep loess areas. The map unit representative pedon is: 90IL-057-047. RT 11/07/02
279D2	Rozetta silt loam, 10 to 18 percent slopes, eroded	(1) This map unit is mapped in the cool mesic areas of the county. The map unit representative pedon is:89IL-109-021. RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
279D3	Rozetta silty clay loam, 10 to 18 percent slopes, severely eroded	(1) This map unit is mapped in the cool mesic areas of the county.
280B	Fayette silt loam, 2 to 5 percent slopes	(1) This map unit is mapped in the cool mesic areas of the county. The map unit representative pedon is: 84IL-195-315. RT 11/07/02
280B	Fayette silt loam, 2 to 5 percent slopes	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. RT 11/07/02
280C	Fayette silt loam, 5 to 10 percent slopes	(1) This map unit is mapped in the cool mesic, wooded areas of the county.
280C	Fayette silt loam, 5 to 10 percent slopes	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. RT 11/07/02
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded	(1) This map unit is mapped in the cool mesic areas of the county. It also replaces the Sylvan-Bold complex on similar slopes. The map unit representative pedon is: 93IL-057-013. RT 11/07/02
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. RT 11/07/02
280C3	Fayette silty clay loam, 5 to 10 percent slopes, severely eroded	(1) This map unit is mapped in the cool mesic areas of the county. The map unit representative pedon is: 83IL-011-102. RT 11/07/02
280C3	Fayette silty clay loam, 5 to 10 percent slopes, severely eroded	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. RT 11/07/02
280D	Fayette silt loam, 10 to 18 percent slopes	(1) This map unit is mapped in the cool mesic, wooded areas of the county. The map unit representative pedon is: 84IL-131-047. RT 11/07/02
280D	Fayette silt loam, 10 to 18 percent slopes	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. RT 11/07/02
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded	(1) This map unit is mapped in the cool mesic areas of the county. The map unit representative and TUD pedon is: 87IL-187-018. RT 11/07/02
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded	(1) This map unit is mapped in the cool mesic areas of the county. The map unit representative pedon is: 87IL-187-068. RT 11/07/02
280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. RT 11/07/02
280E2	Fayette silt loam, 18 to 25 percent slopes, eroded	(1) This map unit is mapped in the cool mesic, pastureland areas of the county. The map unit representative pedon is: 94IL-057-163. RT 11/07/02
280E2	Fayette silt loam, 18 to 25 percent slopes, eroded	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. Soils in this map unit have redder hues than is definitive for the series. RT 11/07/02
280F	Fayette silt loam, 18 to 35 percent slopes	(1) This map unit is mapped in the cool mesic, wooded areas of the county. The map unit representative pedon is: 83IL-017-023. RT 11/07/02
280F	Fayette silt loam, 18 to 35 percent slopes	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. RT 11/07/02
280G	Fayette silt loam, 35 to 60 percent slopes	(1) This map unit is mapped in the cool mesic areas of the county.
280G	Fayette silt loam, 35 to 60 percent slopes	A silt loam subsoil layer is found in many pedons in this map unit, it is not within the current OSD range in characteristics. RT 11/07/02
434B	Ridgway silt loam, 2 to 5 percent slopes	(2) This series replaces the Alvin series and Camden series on stream terraces along Macoupin Creek.
434C2	Ridgway silt loam, 5 to 10 percent slopes, eroded	(2) This series replaces the Alvin series on stream terraces along Macoupin Creek.
438B	Aviston silt loam, 2 to 5 percent slopes	(2) This series replaces the Harrison, Douglas, and inactive Sicily series on summits in the moderately deep loess areas in the county. The map unit representative and TUD (OSD) pedon is: from Washington County. RT 11/07/02
45A	Denny silt loam, 0 to 2 percent slopes	(1) The map unit representative and TUD (OSD)pedon is: 87IL-109-064. RT 11/07/02
46A	Herrick silt loam, 0 to 2 percent slopes	(1) This map unit replaces units of Muscatine in the moderately deep loess areas of the county. The map unit representative and TUD (OSD) pedon is: 95IL-021-012. RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
477B	Winfield silt loam, 2 to 5 percent slopes	(2) This series replaces the Rozetta series in the warm mesic areas of the county.
477B	Winfield silt loam, 2 to 5 percent slopes	This mapunit is considered to have an apparent water table, rather than a perched one as specified in the OSD. RT 11/07/02
477B3	Winfield silty clay loam, 2 to 5 percent slopes, severely eroded	(2) This series replaces the Rozetta series in the warm mesic areas of the county. This map unit is added to the legend for join purposes with Madison County only.
477B3	Winfield silty clay loam, 2 to 5 percent slopes, severely eroded	This mapunit is considered to have an apparent water table, rather than a perched one as specified in the OSD. RT 11/07/02
477C2	Winfield silt loam, 5 to 10 percent slopes, eroded	(2) This series replaces the Rozetta series in the warm mesic areas of the county.
477C2	Winfield silt loam, 5 to 10 percent slopes, eroded	This mapunit is considered to have an apparent water table, rather than a perched one as specified in the OSD. RT 11/07/02
477C3	Winfield silty clay loam, 5 to 10 percent slopes, severely eroded	(2) This series replaces the Rozetta series in the warm mesic areas of the county. The map unit representative pedon is: 87IL-149-021. RT 11/07/02
477C3	Winfield silty clay loam, 5 to 10 percent slopes, severely eroded	This mapunit is considered to have an apparent water table, rather than a perched one as specified in the OSD. RT 11/07/02
477D2	Winfield silt loam, 10 to 18 percent slopes, eroded	(2) This series replaces the Rozetta series in the warm mesic areas of the county.
477D2	Winfield silt loam, 10 to 18 percent slopes, eroded	This mapunit is considered to have an apparent water table, rather than a perched one as specified in the OSD. RT 11/07/02
477D3	Winfield silty clay loam, 10 to 18 percent slopes, severely eroded	(2) This series replaces the Rozetta series in the warm mesic areas of the county.
477D3	Winfield silty clay loam, 10 to 18 percent slopes, severely eroded	This mapunit is considered to have an apparent water table, rather than a perched one as specified in the OSD. RT 11/07/02
515B2	Bunkum silt loam, 2 to 5 percent slopes, eroded	(2) This map unit replaces the Keomah series, on headslopes.
515C2	Bunkum silt loam, 5 to 10 percent slopes, eroded	(2) This map unit replaces the Clinton and Keomah series on headslopes. The map unit representative and TUD pedon is: 97IL-001-022. RT 11/07/02
515C3	Bunkum silty clay loam, 5 to 10 percent slopes, severely eroded	(2) This map unit replaces the Clinton, Harrison, and inactive Sicily series on severely eroded head slopes. The map unit representative pedon is: the OSD pedon from St. Clair County. RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
538B2	Emery silt loam, 2 to 5 percent slopes, eroded	(2) This series replaces the Harrison, Douglas, and inactive Sicily series on headslopes in the moderately deep loess areas of the county. The map unit representative and TUD (OSD) pedon is: 95IL-001-016. RT 11/07/02
538C2	Emery silt loam, 5 to 10 percent slopes, eroded	(2) This series replaces the Tama, Harrison, Douglas, and inactive Bolivia and Sicily series in the moderately deep loess areas of the county.
582B	Homen silt loam, 2 to 5 percent slopes	(2) This series replaces the Keomah, Clinton, and inactive Sicily map units on summits in the moderately deep loess areas of the county. This series replaces units of Sicily that are adjacent to Alfisols. The map unit representative and TUD (OSD) pedon is: from Randolph County. RT 11/07/02
675B	Greenbush silt loam, 2 to 5 percent slopes	(2) This series replaces the inactive Sicily series in the deep loess areas of the county. This series has a seasonally saturated zone within 4 to 6 feet of the surface. The map unit representative and TUD (OSD) pedon is: 86IL-187-078. RT 11/07/02
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded	(2) This series replaces the inactive Sicily series in the deep loess areas of the county. This series has a seasonally saturated zone within 4 to 6 feet of the surface. The map unit representative pedon is: 82IL-131-101. RT 11/07/02
701F	Menfro-Hickory silt loams, 18 to 35 percent slopes	(2) This map unit replaces the Hickory-Clinton complex along the Madison County line. This map unit is added to the legend for join purposes only.
802E	Orthents loamy, hilly	(2) This map unit replaces Borrow pits (BP), and gravel pits (quarries).RT 11/07/02
833F	Menfro-Goss complex, 18 to 35 percent slopes	(2) This complex replaces the Fayette-Bodine complex in the warm mesic areas of the county.
833F2	Menfro-Goss complex, 18 to 35 percent slopes, eroded	(2) This complex replaces the Fayette-Bodine complex in the warm mesic, pastureland areas of the county.
833G	Goss-Menfro complex, 35 to 70 percent slopes	(2) This complex replaces the Fayette-Bodine complex in the warm mesic areas of the county.
836G	Hamburg-Lacrescent complex, 35 to 60 percent slopes	(2) This complex replaces the Limestone rockland map units and the adjacent Hamburg map units along the bluff from Grafton north to the Greene county line.

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
836G	Hamburg-Lacrescent complex, 35 to 60 percent slopes	The Lacrescent soils in this map unit have mollic epipedons greater than 24 inches thick. They are not cumulic or pachic because slopes area greater than 35% and they are not considered to be taxadjuncts. These soils have carbonates above a depth of 20 inches, and have reactions higher than neutral in the A and B horizons. BT 11/07/02
837G	Limestone rockland-Lacrescent complex, 35 to 60 percent slopes	(2) This complex replaces the Limestone rockland map unit along the bluff from Grafton south to the Madison County line.
837G	Limestone rockland-Lacrescent complex, 35 to 60 percent slopes	The Lacrescent soils in this map unit have mollic epipedons greater than 24 inches thick. They are not cumulic or pachic because slopes area greater than 35% and they are not considered to be taxadjuncts. These soils have carbonates above a depth of 20 inches, and have reactions higher than neutral in the A and B horizons. BT 11/07/02
838F	Fayette-Goss complex, 18 to 35 percent slopes	(2) This complex replaces the Fayette-Bodine complex in the cool mesic areas of the county.
838F2	Fayette-Goss complex, 18 to 35 percent slopes, eroded	(2) This complex replaces the Fayette-Bodine complex in the cool mesic areas of the county.
838G	Goss-Fayette complex, 35 to 70 percent slopes	(2) This complex replaces the Fayette-Bodine complex in the cool mesic areas of the county.
864	Pits, quarries	(1) This map unit replaces the Limestone quarry (LQ) map units. RT 11/07/02
885A	Virden-Fosterburg silt loams, 0 to 2 percent slopes	(2) This complex replaces the Piasa series in areas where the Piasa is adjacent to map units of Virden.
894A	Herrick-Biddle-Piasa silt loams, 0 to 2 percent slopes	(2) This complex replaces map units of Herrick and Piasa along the Macoupin County line only. This complex is for join purposes only. The map unit representative pedons are: Biddle (TUD,OSD), Piasa (TUD,OSD). RT 11/07/02
897C2	Bunkum-Atlas silt loams, 5 to 10 percent slopes, eroded	(2) This complex replaces the Clinton series along the Macoupin County line only. This complex is for join purposes only. The map unit representative pedon for Atlas is: 86IL-021-021. RT 11/07/02
962D2	Sylvan-Bold silt loams, 10 to 18 percent slopes, eroded	(1) The Hamburg map units on similar slopes are correlated to this complex. The map unit representative pedons are: Bold- 83IL-017-006. RT 11/07/02
962D3	Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded	(1) The map unit representative pedons are: Sylvan-81IL-017-064, Bold- 98IL-073-223 (TUD,OSD). RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
962E2	Sylvan-Bold silt loams, 18 to 25 percent slopes, eroded	(1) The map unit representative pedons are: Sylvan- 82IL-017-038, Bold- 82IL-017-039.RT 11/07/02
962F	Sylvan-Bold silt loams, 18 to 35 percent slopes	(1) The Hamburg map units on similar slopes, in areas away from the bluff are correlated to this complex. The map unit representative pedons are: Sylvan-95IL-017-033 (TUD,OSD), Bold-Rock Island County. RT 11/07/02
962G	Sylvan-Bold silt loams, 35 to 60 percent slopes	(1) The Hamburg map units on similar slopes, away from the bluff area, are correlated to this complex.
993A	Cowden-Piasa silt loams, 0 to 2 percent slopes	(2) Map units of Piasa that are adjacent to the Cowden series, are correlated to this complex. The Piasa thin surface map unit is correlated to this complex.
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded	Frequently flooded Beaucoup areas along Macoupin Creek are correlated to this map unit. The map unit representative pedon is: 90IL-169-016. RT 11/07/02
3070L	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	(2) Map units of Beaucoup on the Illinois River floodplain that are cultivated, and not protected by Corps of Engineers levees are correlated to this map unit. The map unit representative pedon is: 81IL-017-062. RT 11/07/02
3071L	Darwin silty clay, 0 to 2 percent slopes, frequently flooded, long duration	(2) Areas of Darwin on the floodplains of the Illinois and Mississippi Rivers that are not protected by Corps of Engineers Levees are correlated to this map unit. The map unit representative pedon is: from Madison County. RT 11/07/02
3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded	(2) Areas of frequently flooded Dupo along Macoupin Creek, are correlated to this map unit. The map unit representative and TUD (OSD) pedon is:84IL-017-001. RT 11/07/02
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded	(1) The map unit representative and TUD pedon is: 85IL-195-339.RT 11/07/02
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	(2) This map unit replaces the frequently flooded Beaucoup along the Macoupin County line. This map unit is added to the legend for join purposes only. The map unit representative and TUD (OSD) pedon is: 99IL-167-008. RT 11/07/02
3288A	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded	(1) The TUD (OSD) and map unit representative pedon is: from Clinton County. RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	(1)
3336A	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded	(2) Areas of frequently flooded Haymond along the Madison County line are correlated to this map unit. This map unit is added to the legend for join purposes only.
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded	(1) The map unit representative and TUD pedon is: 97IL-001-014. RT 11/07/02
3475A	Elsah gravelly loam, 0 to 2 percent slopes, frequently flooded	(1) The map unit representative and TUD pedon is: 97IL-149-032. RT 11/07/02
3475A	Elsah gravelly loam, 0 to 2 percent slopes, frequently flooded	The soils in this map unit are less acid, than neutral, in the C horizon than is typical for the series. BT 11/05/02
3634A	Blyton silt loam, 0 to 2 percent slopes, frequently flooded	(2) This series replaces the Haymond series in frequently flooded positions in the county. Blyton soils have an A-C profile and are Entisols. The map unit representative and TUD (OSD) pedon is: 97IL-057-149. RT 11/07/02
3641L	Quiver silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	(2) This series replaces the Beaucoup series in frequently flooded, long duration, wooded areas, on the floodplains of the Illinois and Mississippi Rivers, that are not protected by Corps of Engineers levees. The map unit representative and TUD (OSD) pedon is: 94IL-057-166. RT 11/07/02
7037B	Worthen silt loam, 2 to 5 percent slopes, rarely flooded	(1) The map unit representative and TUD (OSD) pedon is: 95IL-606-042. RT 11/07/02
7075B	Drury silt loam, 2 to 5 percent slopes, rarely flooded	(1) Map units of Haymond and Wakeland on footslopes are correlated to this map unit. The TUD (OSD) and map unit representative pedon is: from Monroe County. RT 11/07/02
7081A	Littleton silt loam, 0 to 2 percent slopes, rarely flooded	(1) The map unit representative pedon is: 02IL-083-005. RT 11/07/02
7081A	Littleton silt loam, 0 to 2 percent slopes, rarely flooded	This map unit is a taxadjunct to the series as the mollic epipedon is thinner than defined for the series. It classifies as fine-silty, mixed, superactive, mesic Aquic Hapludolls.
7242A	Kendall silt loam, 0 to 2 percent slopes, rarely flooded	(2) Areas of the Starks series on rarely flooded positions are correlated to this map unit.
7242A	Kendall silt loam, 0 to 2 percent slopes, rarely flooded	These soils in Jersey County have silty material (less than 10 percent sand) to depths greater than 60 inches.

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
7338B2	Hurst silty clay loam, 2 to 5 percent slopes, eroded, rarely flooded	(2) This series replaces the McGary series. The map unit representative pedon(TUD)is: 03IL-083-002. RT 11/07/02
7338B2	Hurst silty clay loam, 2 to 5 percent slopes, eroded, rarely flooded	This map unit is a taxadjunct to the series as parts of the subsoil and underlying material have more than 60 percent clay, and averages more clay (greater than 55%) in the particle size control section than is definitive for the series. It also has a higher pH in the lower Ap (>7.3) and lower Btg(>7.8) than is definitive for the series. It has carbonates at depths(13") less than is definitive for the series. It has more clay(>35%) in the lower Ap than is definitive for the series. It classifies as very-fine, smectitic, mesic, Aeric, Chromic Vertic Epiaqualfs. BT 11/07/02
7432A	Geff silt loam, 0 to 2 percent slopes, rarely flooded	(2) This series replaces the Starks series along the Madison County line. This series is added to the legend for join purposes only. The map unit representative and TUD pedon is: from Clinton County. RT 11/07/02
7434B	Ridgway silt loam, 2 to 5 percent slopes, rarely flooded	(2) This series replaces the Camden series along the Madison County line only. This series is added to the legend for join purposes only.
7457A	Booker clay, 0 to 2 percent slopes, rarely flooded	(2) This series replaces the Wabash series in the county. The map unit representative and TUD pedon is: 02IL-083-008. RT 11/07/02
7457A	Booker clay, 0 to 2 percent slopes, rarely flooded	The soils in this map unit have a higher pH (>7.3) in the Bg and Cg horizons than is definitive for the series. These soils have carbonates in the lower Bg and Cg horizons, this is not in current series range. BT 11/07/02
8028A	Jules silt loam, 0 to 2 percent slopes, occasionally flooded	(1)
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded	(2) This map unit is used for the Beaucoup map units on the Illinois River floodplain that are protected by Corps of Engineers levees. The map unit representative and TUD (OSD) pedon is: 95IL-001-008. RT 11/07/02

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
8071A	Darwin silty clay, 0 to 2 percent slopes, occasionally flooded	(2) This map unit is used for the Darwin map units on the Illinois River floodplain, in the areas protected by Corps of Engineers levees. The map unit representative and TUD pedon is: 89IL-169-029. RT 11/07/02
8180A	Dupo silt loam, 0 to 2 percent slopes, occasionally flooded	(1) The McFain overwash phase is correlated to this map unit. The map unit representative and TUD pedon is: 96IL-001-058. RT 11/07/02
8248A	McFain silty clay, 0 to 2 percent slopes, occasionally flooded	(1) The map unit representative and TUD (OSD) pedon is: from Jersey County. RT 11/07/02
8284A	Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded	(1) This series replaces the Beardstown series in the county. The map unit representative and TUD (OSD) pedon is: 96IL-001-060. RT 11/07/02
8284A	Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded	The soils in this map unit lack fluventic properties in some areas. BT 11/07/02
9278A	Stronghurst silt loam, terrace, 0 to 2 percent slopes	(2) The Starks map units on low, non flooding terraces are correlated to this map unit.
9278B	Stronghurst silt loam, terrace, 2 to 5 percent slopes	(2) The Starks map units on low, non flooding terraces are correlated to this map unit.
9279B	Rozetta silt loam, terrace, 2 to 5 percent slopes	(2) The Camden map units on low, non flooding terraces are correlated to this map unit. The map unit representative pedon is: 94IL-057-158. RT 11/07/02
9279C2	Rozetta silt loam, terrace, 5 to 10 percent slopes, eroded	(2) The Camden map units on low, non flooding terraces are correlated to this map unit. The map unit representative pedon is: 94IL-057-175. RT 11/07/02
9279D3	Rozetta silty clay loam, terrace, 10 to 18 percent slopes, severely eroded	(2) The Camden map units on low, non flooding terraces are correlated to this map unit.
9962C2	Sylvan-Bold silt loams, terrace, 5 to 10 percent slopes, eroded	(2)
9962D2	Sylvan-Bold silt loams, terrace, 10 to 18 percent slopes, eroded	(2) The Camden map units on the Macoupin Creek Terrace are correlated to this map unit.
9962D3	Sylvan-Bold complex, terrace, 10 to 18 percent slopes, severely eroded	(2) The Camden and Alvin map units on the Macoupin Creek Terrace are correlated to this map unit.

Map Symbol	Map Unit Name	Mapunit History and Mapunit Text Note
M-W	Miscellaneous water	(2) Areas of sewage lagoons previously mapped as water (P), will be correlated to this map unit. RT 11/07/02
W	Water	Map unit copied from Out-of-Date legend to the updated legend and assigned status of "APPROVED." jcd 7/26/02 Areas of water identified by (P) are correlated to water (W). RT 11/07/02

(1) Map unit copied from Out-of-Date legend to the updated legend and assigned status of "APPROVED." jcd 7/26/02

(2) Map unit created and assigned status of "APPROVED" for the update legend. not previously on the county legend. jcd 7/26/02 or BT 10/29/02

LEGEND TEXT NOTES
Jersey County, Illinois

Map unit slopes were adjusted to fit the MLRA 114 and MLRA 115 Legends. Slope classes of mapunits on the 1966 published legend differ from slope classes in this legend in the following ways:

PUBLISHED		UPDATE	
SLOPE	PERCENT	SLOPE	PERCENT
A	0-2	A	0-2
B	2-4	B	2-5
C	4-7	C	5-10
D	7-12	D	10-18
E	12-18	E	(not used)
F	18-30	F	18-35
F2,F3	18-30	E2	18-25, deep loess soils
G	30-65	G	35-65

When delineations on the 1966 published maps conform to the old standard slope ranges, i.e. the delineations are compiled as published, the slope conversions generally are as follows:

MAJOR

- A goes to A
- B goes to B
- C goes to C
- D goes to D
- E goes to D
- F goes to F
- F2,F3 goes to E2, deep loess soils
- G goes to G

In 1966, the published map units on slopes of 0 to 2 percent did not have a slope letter in the map symbol and the slope range was not in the mapunit name. Also, alluvial soils did not have flooding frequency or duration in the mapunit name.

With this update, all mapunits, except miscellaneous units, have a slope letter in the mapunit symbol and the slope range stated in the mapunit name. In addition, alluvial soils have flooding frequency stated in the mapunit name and the flooding prefix is part of the mapunit symbol. Brief duration is assumed. If duration is other than brief, it is added as part of the mapunit name and a letter is added as a suffix to the mapunit symbol.

Prefix Description

- 1 Undrained, frequently flooded
- 3 Frequently flooded
- 7 Rarely flooded
- 8 Occasionally flooded
- 9 Terrace phase

Suffix Description

- L Long duration

Jersey County, Illinois
Typical pedon numbers for Jersey County Soil Series

Assumption-----79IL-073-113	Hurst-----03IL-083-002
Atlas-----95IL-001-014	Jules-----OSD Peoria County
Atterberry-----83IL-011-108	Kendall-----98IL-041-022
Aviston-----OSD Washington County	Keomah-----95IL-001-023
Beaucoup-----95IL-001-008	Lacrescent-----87IL-149-028
Biddle-----OSD St. Clair County	Lawson-----97IL-001-014
Blyton-----97IL-057-149	Littleton-----96IL-001-068
Bold-----98IL-073-223	McFain-----OSD Jersey County
Booker-----02IL-083-008	Menfro-----97IL-001-016
Bunkum-----97IL-001-022	Muscatune-----86IL-187-100
Caseyville-----OSD St. Clair County	Oconee-----OSD Madison County
Cowden-----OSD Montgomery County	Osco-----56IL-015-002
Darwin-----89IL-169-029	Petrolia-----OSD Clinton County
Denny-----87IL-109-064	Piasa-----OSD Montgomery County
Drury-----OSD Monroe County	Quiver-----94IL-057-166
Dupo-----96IL-001-058	Radford-----84IL-017-001
Elco-----97IL-167-026	Ridgway-----OSD White County
Elsah-----97IL-149-032	Rozetta-----96IL-177-012
Emery-----95IL-001-016	Rushville-----95IL-001-038
Fayette-----87IL-187-018	Sable-----57IL-187-001
Fosterburg-----OSD St. Clair County	Sawmill-----99IL-167-008
Geff-----Clinton County	Stronghurst-----82IL-011-072
Goss-----96IL-001-023	Sylvan-----95IL-017-033
Greenbush-----86IL-187-078	Tice-----96IL-001-060
Hamburg-----81IL-017-050	Virden-----00IL-001-006
Harrison-----83IL-021-024	Wakeland-----97IL-001-012
Herrick-----95IL-021-012	Wilbur-----Monroe County
Hickory-----97IL-017-002	Winfield-----85IL-149-025
Homen-----OSD Randolph County	Worthen-----95IL-606-042
Huntsville-----85IL-195-339	

Data map unit ID numbers linked to Jersey County Map Units

DMU ID	Map Symbol
124839	8D2
152731	8D3
140215	8F
131435	8F2
141748	8G
141749	16A
141750	17A
139402	45A
142076	46A
142077	47A
152851	50A
142698	51A
151244	61A
139403	68A
140221	75C
140224	79B
392633	79C
140225	79C2
142081	79C3
432399	79D
141761	79D2
141762	79D3
153535	79E2
142084	79F
142086	79G
141764	86B
142706	86C2
142091	112A
142092	113A
142093	113B
131431	119C2
156059	119C3
155289	119D2
156068	119D3
131432	127B
139424	259C2
142102	267A
142103	267B
151307	278A
141790	279B
139430	279C2
155291	279C3
426516	279D2
432499	279D3

DMU ID	Map Symbol
142746	280B
432500	280C
139433	280C2
151311	280C3
152392	280D
140168	280D2
155592	280D3
139435	280E2
423869	280F
432508	280G
432509	434B
432510	434C2
142129	438B
142135	477B
156254	477B3
142137	477C2
141818	477C3
153694	477D2
408029	477D3
141819	515B2
141820	515C2
142146	515C3
141824	538B2
141825	538C2
142152	582B
152601	675B
152602	675C2
156054	701F
156031	802E
153972	833F
434645	833F2
153973	833G
436494	836G
436496	837G
436497	838F
436498	838F2
436493	838G
155280	864
142201	885A
142203	894A
153983	897C2
156055	962D2
155565	962D3

DMU ID	Map Symbol
434114	962E2
436530	962F
142208	962G
142209	993A
140170	3070A
142107	3070L
151645	3071L
153414	3074A
140172	3077A
153474	3107A
152959	3288A
142112	3333A
140244	3336A
141801	3451A
141802	3475A
141803	3634A
152955	3641L
156350	7037B
156351	7075B
436562	7081A
156341	7242A
436576	7338B2
142181	7432A
142182	7434B
436731	7457A
436734	8028A
141852	8070A
155835	8071A
141859	8180A
437157	8248A
141861	8284A
151135	9278A
399100	9278B
152950	9279B
140211	9279C2
437231	9279D3
437715	9962C2
437716	9962D2
437717	9962D3
155361	M-W
155171	W

Classification of the Soils, Jersey County, Illinois

(An asterisk in the first column indicates that this component in all map units in the survey area is a taxadjunct to the series. A double asterisk in the first column indicates that this component is a taxadjunct to the series in only some map units in this survey area. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
*Assumption-	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
Atlas-----	Fine, smectitic, mesic Aeric Chromic Vertic Epiaqualfs
Atterberry-	Fine-silty, mixed, superactive, mesic Udollic Endoaqualfs
Aviston----	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
Beaucoup---	Fine-silty, mixed, superactive, mesic Fluvaquentic Endoaquolls
Biddle-----	Fine, smectitic, mesic Aquic Argiudolls
Blyton-----	Coarse-silty, mixed, superactive, nonacid, mesic Oxyaquic Udifluvents
Bold-----	Coarse-silty, mixed, superactive, calcareous, mesic Typic Udorthents
Booker-----	Very-fine, smectitic, mesic Cumulic Vertic Endoaquolls
Bunkum-----	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
Caseyville-	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Cowden-----	Fine, smectitic, mesic Mollic Albaqualfs
Darwin-----	Fine, smectitic, mesic Fluvaquentic Vertic Endoaquolls
Denny-----	Fine, smectitic, mesic Mollic Albaqualfs
Drury-----	Fine-silty, mixed, superactive, mesic Dystric Eutrudepts
Dupo-----	Coarse-silty over clayey, mixed over smectitic, superactive, nonacid, mesic Aquic Udifluvents
Elco-----	Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs
Elsah-----	Loamy-skeletal, mixed, superactive, nonacid, mesic Typic Udifluvents
Emery-----	Fine-silty, mixed, superactive, mesic Udollic Endoaqualfs
Fayette----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Fosterburg-	Fine, smectitic, mesic Vertic Argiaquolls
Geff-----	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
Goss-----	Clayey-skeletal, mixed, active, mesic Typic Paleudalfs
Greenbush--	Fine-silty, mixed, superactive, mesic Mollic Hapludalfs
Hamburg----	Coarse-silty, mixed, superactive, calcareous, mesic Typic Udorthents
Harrison---	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
Herrick----	Fine, smectitic, mesic Aquic Argiudolls
Hickory----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Homen-----	Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs
Huntsville-	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls
*Hurst-----	Fine, smectitic, mesic Aeric Chromic Vertic Epiaqualfs
Jules-----	Coarse-silty, mixed, superactive, calcareous, mesic Typic Udifluvents
Kendall----	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Keomah----	Fine, smectitic, mesic Aeric Endoaqualfs
Lacrescent-	Loamy-skeletal, mixed, superactive, mesic Typic Hapludolls
Lawson----	Fine-silty, mixed, superactive, mesic Aquic Cumulic Hapludolls
*Littleton--	Fine-silty, mixed, superactive, mesic Aquic Cumulic Hapludolls
McFain-----	Clayey over loamy, smectitic over mixed, superactive, mesic Fluvaquentic Endoaquolls
Menfro-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Muscatune--	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Oconee-----	Fine, smectitic, mesic Udollic Endoaqualfs
Orthents---	Fine-loamy, mixed, active, nonacid, mesic Typic Udorthents
*Osco-----	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Petrolia---	Fine-silty, mixed, superactive, nonacid, mesic Fluvaquentic Endoaquepts
Piasa-----	Fine, smectitic, mesic Mollic Natraqualfs
Quiver-----	Fine-silty, mixed, superactive, nonacid, mesic Mollic Fluvaquents
Radford----	Fine-silty, mixed, superactive, mesic Fluvaquentic Hapludolls

Classification of the Soils, Jersey County, Illinois (continued)

Soil name	Family or higher taxonomic class
Ridgway----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Rozetta----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Rushville--	Fine, smectitic, mesic Typic Albaqualfs
Sable-----	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Sawmill----	Fine-silty, mixed, superactive, mesic Cumulic Endoaquolls
Stronghurst	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Sylvan-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Tice-----	Fine-silty, mixed, superactive, mesic Fluvaquentic Hapludolls
Virden-----	Fine, smectitic, mesic Vertic Argiaquolls
Wakeland---	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Wilbur-----	Coarse-silty, mixed, superactive, mesic Fluvaquentic Eutrudepts
Winfield---	Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs
Worthen----	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls

Certification Statement

The MLRA Region 11 Team Leader certifies that:

a. The fieldwork activities were completed in 4th quarter FY 2002.

b. Jersey County joins three modern soil surveys:

Greene County – Modern soil survey (1974)

Macoupin County – SSURGO certified 2002

Madison County - SSURGO certified 2002

An exact join has been completed with Macoupin County and Madison County. An acceptable join has been completed with Greene County, and will have an exact join when it is updated to the MLRA legend.

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. Typical pedons are those that represent the taxonomic units in MLRA 115C. Not all typical pedons are located in Jersey County.

e. All typical pedons are classified according to Soil Taxonomy, Second Edition, 1999.

f. The digital soil maps, once complete, will be reviewed for accuracy and consistency prior to certification.

Approval Signature and Date:

Travis Neely Date
Team Leader, MLRA Region 11
Indianapolis, Indiana

William J. Gradle
State Conservationist
Champaign, Illinois

Date