

United States Department of Agriculture
Natural Resources Conservation Service

Classification and Correlation of the Soils of
Schuyler County, Illinois

A Subset of MLRA 115C

December 2000

This correlation was prepared by John C. Doll, MLRA Soil Survey Coordinator, Champaign, Illinois and Gary Struben, Soil Data Quality Specialist (SDQS) MLRA Region 11 team, Indianapolis, Indiana. Robert Tegeler, MLRA team leader, Springfield, Illinois provided most of the information relating to the recorrelation of the soils in Schuyler County. This document is prepared as part of the update of the Soil Survey of Schuyler County, a subset of MLRA 115C. The correlation conference was at the Springfield MLRA office on October 16 and 17, 2000. 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, available Schuyler County soil maps, and the descriptive legend in the "Classification and Correlation of the Soils of Schuyler County, Illinois," January 1993.

Headnote for detailed soil survey legend:

This update of Schuyler County, Illinois is an update of a subset of the Soil Survey of Major Land Resource Areas (MLRA) 115C. 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.

Soil Correlation Of
Schuyler County, Illinois

Soil Correlation Of
Schuyler County, Illinois

<u>Field symbols</u>	<u>Field map unit name</u>	<u>Publication symbol</u>	<u>Approved map unit name</u>
<u>6C2</u>	<u>Fishhook silt loam, 5 to 10 percent slopes, eroded</u>	<u>6C2</u>	<u>Fishhook silt loam, 5 to 10 percent slopes, eroded</u>
<u>6C3</u>	<u>Fishhook silty clay loam, 5 to 10 percent slopes, severely eroded</u>	<u>6C3</u>	<u>Fishhook silty clay loam, 5 to 10 percent slopes, severely eroded</u>
7D2	Atlas silt loam, 10 to 18 percent slopes, eroded	7D2	Atlas silt loam, 10 to 18 percent slopes, eroded
7D2	ATLAS SILT LOAM, 10 TO 15 PERCENT SLOPES, ERODED		
7D3	Atlas silty clay loam, 10 to 18 percent slopes, severely eroded	7D3	Atlas silty clay loam, 10 to 18 percent slopes, severely eroded
7D3	ATLAS SILTY CLAY LOAM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED		
<u>8F</u>	<u>HICKORY SILT LOAM, 18 TO 30 PERCENT SLOPES</u>	<u>8F</u>	<u>Hickory silt loam, 18 to 35 percent slopes</u>
<u>8F</u>	<u>Hickory silt loam, 18 to 35 percent slopes</u>		
8G	Hickory silt loam, 35 to 60 percent slopes	<u>8G</u>	<u>Hickory silt loam, 35 to 60 percent slopes</u>
8G	HICKORY SILT LOAM, 30 TO 60 PERCENT SLOPES		
<u>937G</u>	<u>SEATON-HICKORY COMPLEX, 30 TO 60 PERCENT SLOPES</u>		
<u>967G</u>	<u>HICKORY-GOSPORT COMPLEX, 30 TO 50 PERCENT SLOPES</u>		
16A	Rushville silt loam, 0 to 2 percent slopes	<u>16A</u>	<u>Rushville silt loam, 0 to 2 percent slopes</u>
16	RUSHVILLE SILT LOAM		
17A	Keomah silt loam, 0 to 2 percent slopes	<u>17A</u>	<u>Keomah silt loam, 0 to 2 percent slopes</u>
17A	KEOMAH SILT LOAM, 0 TO 2 PERCENT SLOPES		
<u>17B</u>	<u>Keomah silt loam, 2 to 5 percent slopes</u>	<u>17B</u>	<u>Keomah silt loam, 2 to 5 percent slopes</u>
<u>17B</u>	<u>KEOMAH SILT LOAM, 2 TO 5 PERCENT SLOPES</u>		
<u>19D3</u>	<u>Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded</u>	<u>19D3</u>	<u>Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded</u>
<u>43A</u>	<u>Ipava silt loam, 0 to 2 percent slopes</u>	<u>43A</u>	<u>Ipava silt loam, 0 to 2 percent slopes</u>
<u>43B</u>	<u>Ipava silt loam, 2 to 5 percent slopes</u>	<u>43B</u>	<u>Ipava silt loam, 2 to 5 percent slopes</u>
50A	Virден silty clay loam, 0 to 2 percent slopes	<u>50A</u>	<u>Virден silty clay loam, 0 to 2 percent slopes</u>
50	VIRDEN SILTY CLAY LOAM		
<u>53F</u>	<u>Bloomfield loamy fine sand, 18 to 40 percent slopes</u>	<u>53F</u>	<u>Bloomfield loamy fine sand, 18 to 40 percent slopes</u>
68A	Sable silty clay loam, 0 to 2 percent slopes	<u>68A</u>	<u>Sable silty clay loam, 0 to 2 percent slopes</u>
50	VIRDEN SILTY CLAY LOAM		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
<u>75C</u>	<u>Drury silt loam, 5 to 10 percent slopes</u>	<u>75C</u>	<u>Drury silt loam, 5 to 10 percent slopes</u>
86B	Oscosilt loam, 2 to 5 percent slopes	<u>86B</u>	<u>Oscosilt loam, 2 to 5 percent slopes</u>
36B	TAMA SILT LOAM, 2 TO 5 PERCENT SLOPES		
206A	Thorp silt loam, 0 to 2 percent slopes	<u>206A</u>	<u>Thorp silt loam, 0 to 2 percent slopes</u>
206	THORP SILT LOAM		
242A	Kendall silt loam, 0 to 2 percent slopes	<u>242A</u>	<u>Kendall silt loam, 0 to 2 percent slopes</u>
17A	KEOMAH SILT LOAM, 0 TO 2 PERCENT SLOPES		
17B	KEOMAH SILT LOAM, 2 TO 5 PERCENT SLOPES		
<u>243B</u>	<u>St. Charles silt loam, 2 to 5 percent slopes</u>	<u>243B</u>	<u>St. Charles silt loam, 2 to 5 percent slopes</u>
<u>257A</u>	<u>Clarksdale silt loam, 0 to 2 percent slopes</u>	<u>257A</u>	<u>Clarksdale silt loam, 0 to 2 percent slopes</u>
<u>257B</u>	<u>Clarksdale silt loam, 2 to 5 percent slopes</u>	<u>257B</u>	<u>Clarksdale silt loam, 2 to 5 percent slopes</u>
<u>271D2</u>	<u>Timula silt loam, 10 to 18 percent slopes, eroded</u>	<u>271D2</u>	<u>Timula silt loam, 10 to 18 percent slopes, eroded</u>
<u>274E2</u>	<u>Seaton silt loam, 18 to 25 percent slopes, eroded</u>	<u>274E2</u>	<u>Seaton silt loam, 18 to 25 percent slopes, eroded</u>
<u>274F</u>	<u>SEATON SILT LOAM, 18 TO 30 PERCENT SLOPES</u>		
274F	Seaton silt loam, 18 to 35 percent slopes	<u>274F</u>	<u>Seaton silt loam, 18 to 35 percent slopes</u>
274F	SEATON SILT LOAM, 18 TO 30 PERCENT SLOPES		
<u>274G</u>	<u>Seaton silt loam, 35 to 60 percent slopes</u>	<u>274G</u>	<u>Seaton silt loam, 35 to 60 percent slopes</u>
<u>937G</u>	<u>SEATON-HICKORY COMPLEX, 30 TO 60 PERCENT SLOPES</u>		
<u>279B</u>	<u>Rozetta silt loam, 2 to 5 percent slopes</u>	<u>279B</u>	<u>Rozetta silt loam, 2 to 5 percent slopes</u>
<u>279C2</u>	<u>Rozetta silt loam, 5 to 10 percent slopes</u>	<u>279C2</u>	<u>Rozetta silt loam, 5 to 10 percent slopes</u>
<u>280B</u>	<u>Fayette silt loam, 2 to 5 percent slopes</u>	<u>280B</u>	<u>Fayette silt loam, 2 to 5 percent slopes</u>
<u>280B2</u>	<u>Fayette silt loam, 2 to 5 percent slopes, eroded</u>	<u>280B2</u>	<u>Fayette silt loam, 2 to 5 percent slopes, eroded</u>
<u>280C2</u>	<u>Fayette silt loam, 5 to 10 percent slopes, eroded</u>	<u>280C2</u>	<u>Fayette silt loam, 5 to 10 percent slopes, eroded</u>
<u>280C3</u>	<u>Fayette silty clay loam, 5 to 10 percent slopes, severely eroded</u>	<u>280C3</u>	<u>Fayette silty clay loam, 5 to 10 percent slopes, severely eroded</u>
<u>280D2</u>	<u>Fayette silt loam, 10 to 18 percent slopes, eroded</u>	<u>280D2</u>	<u>Fayette silt loam, 10 to 18 percent slopes, eroded</u>
<u>280D3</u>	<u>Fayette silty clay loam, 10 to 18 percent slopes, severely eroded</u>	<u>280D3</u>	<u>Fayette silty clay loam, 10 to 18 percent slopes, severely eroded</u>
<u>280E2</u>	<u>Fayette silt loam, 18 to 25 percent slopes, eroded</u>	<u>280E2</u>	<u>Fayette silt loam, 18 to 25 percent slopes, eroded</u>
<u>470C2</u>	<u>Keller silt loam, 5 to 10 percent slopes, eroded</u>	<u>470C2</u>	<u>Keller silt loam, 5 to 10 percent slopes, eroded</u>
<u>549F</u>	<u>Marseilles silt loam, 18 to 35 percent slopes</u>	<u>549F</u>	<u>Marseilles silt loam, 18 to 35 percent slopes</u>

<u>Field symbols</u>	<u>Field map unit name</u>	<u>Publication symbol</u>	<u>Approved map unit name</u>
<u>551F</u>	<u>GOSPORT SILT LOAM, 18 TO 30 PERCENT SLOPES</u>		
<u>549G</u>	<u>Marseilles silt loam, 35 to 65 percent slopes</u>	<u>549G</u>	<u>Marseilles silt loam, 35 to 65 percent slopes</u>
<u>551G</u>	<u>GOSPORT SILT LOAM, 30 TO 60 PERCENT SLOPES</u>		
<u>967G</u>	<u>HICKORY-GOSPORT COMPLEX, 30 TO 50 PERCENT SLOPES</u>		
<u>570C2</u>	<u>Martinsville loam, 5 to 10 percent slopes, eroded</u>	<u>570C2</u>	<u>Martinsville loam, 5 to 10 percent slopes, eroded</u>
<u>605D2</u>	<u>Ursa silt loam, 10 to 18 percent slopes, eroded</u>	<u>605D2</u>	<u>Ursa silt loam, 10 to 18 percent slopes, eroded</u>
<u>605D2</u>	<u>URSA LOAM, 10 TO 15 PERCENT SLOPES, ERODED</u>		
<u>630C3</u>	<u>Navlys silty clay loam, 5 to 10 percent slopes, severely eroded</u>	<u>630C3</u>	<u>Navlys silty clay loam, 5 to 10 percent slopes, severely eroded</u>
<u>19C3</u>	<u>SYLVAN SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED</u>		
<u>675B</u>	<u>Greenbush silt loam, 2 to 5 percent slopes</u>	<u>675B</u>	<u>Greenbush silt loam, 2 to 5 percent slopes</u>
<u>386B</u>	<u>DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES</u>		
<u>699A</u>	<u>Timewell silt loam, 0 to 2 percent slopes</u>	<u>699A</u>	<u>Timewell silt loam, 0 to 2 percent slopes</u>
<u>46A</u>	<u>HERRICK SILT LOAM, 0 TO 2 PERCENT SLOPES</u>		
<u>802B</u>	<u>Orthents loamy, undulating</u>	<u>802B</u>	<u>Orthents loamy, undulating</u>
<u>802E</u>	<u>Orthents loamy, hilly</u>	<u>802E</u>	<u>Orthents loamy, hilly</u>
<u>871G</u>	<u>LENZBURG SILTY CLAY LOAM, 30 TO 60 PERCENT SLOPES</u>		
<u>824B</u>	<u>Swanwick silt loam, 2 to 5 percent slopes</u>	<u>824B</u>	<u>Swanwick silt loam, 2 to 5 percent slopes</u>
<u>835</u>	<u>Earthen dam</u>	<u>835</u>	<u>Earthen dam</u>
<u>855A</u>	<u>Timewell and Ipava soils, 0 to 2 percent slopes</u>	<u>855A</u>	<u>Timewell and Ipava soils, 0 to 2 percent slopes</u>
<u>46A</u>	<u>HERRICK SILT LOAM, 0 TO 2 PERCENT SLOPES</u>		
<u>855B</u>	<u>Timewell and Ipava soils, 2 to 5 percent slopes</u>	<u>855B</u>	<u>Timewell and Ipava soils, 2 to 5 percent slopes</u>
<u>864</u>	<u>Pits, quarries</u>	<u>864</u>	<u>Pits, quarries</u>
<u>871G</u>	<u>Lenzburg silty clay loam, 20 to 60 percent slopes</u>	<u>871G</u>	<u>Lenzburg silty clay loam, 20 to 60 percent slopes</u>
<u>871G</u>	<u>LENZBURG SILTY CLAY LOAM, 30 TO 60 PERCENT SLOPES</u>		
<u>872B</u>	<u>Rapatee silty clay loam, 1 to 7 percent slopes</u>	<u>872B</u>	<u>Rapatee silty clay loam, 1 to 7 percent slopes</u>
<u>1071A</u>	<u>Darwin silty clay, 0 to 2 percent slopes, undrained, commonly flooded</u>	<u>1071A</u>	<u>Darwin silty clay, 0 to 2 percent slopes, undrained, commonly flooded</u>
<u>4071</u>	<u>DARWIN SILTY CLAY, PONDED</u>		
<u>3070A</u>	<u>Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded</u>	<u>3070A</u>	<u>Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded</u>

Field symbols	Field map unit name	Publication symbol	Approved map unit name
3070	BEAUCOUP SILTY CLAY LOAM, FREQUENTLY FLOODED		
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded	<u>3077A</u>	<u>Huntsville silt loam, 0 to 2 percent slopes, frequently flooded</u>
3077	HUNTSVILLE SILT LOAM, FREQUENTLY FLOODED		
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	<u>3107A</u>	<u>Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded</u>
3107	SAWMILL SILTY CLAY LOAM, FREQUENTLY FLOODED		
3284A	Tice silty clay loam, 0 to 2 percent slopes, frequently flooded	<u>3284A</u>	<u>Tice silty clay loam, 0 to 2 percent slopes, frequently flooded</u>
3284	TICE SILTY CLAY LOAM, FREQUENTLY FLOODED		
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	<u>3333A</u>	<u>Wakeland silt loam, 0 to 2 percent slopes, frequently flooded</u>
3333	WAKELAND SILT LOAM, FREQUENTLY FLOODED		
3404A	Titus silty clay loam, 0 to 2 percent slopes, frequently flooded	<u>3404A</u>	<u>Titus silty clay loam, 0 to 2 percent slopes, frequently flooded</u>
3404	TITUS SILTY CLAY, FREQUENTLY FLOODED		
3634A	Blyton silt loam, 0 to 2 percent slopes, frequently flooded	<u>3634A</u>	<u>Blyton silt loam, 0 to 2 percent slopes, frequently flooded</u>
3336	WILBUR SILT LOAM, FREQUENTLY FLOODED		
3641L	Quiver silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	<u>3641L</u>	<u>Quiver silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration</u>
3070	BEAUCOUP SILTY CLAY LOAM, FREQUENTLY FLOODED		
7087B	Dickinson sandy loam, 2 to 5 percent slopes, rarely flooded	<u>7087B</u>	<u>Dickinson sandy loam, 2 to 5 percent slopes, rarely flooded</u>
7087B	DICKINSON SANDY LOAM, 1 TO 7 PERCENT SLOPES, RARELY FLOODED		
<u>7242A</u>	<u>Kendall silt loam, 0 to 2 percent slopes, rarely flooded</u>	<u>7242A</u>	<u>Kendall silt loam, 0 to 2 percent slopes, rarely flooded</u>
<u>7430B</u>	<u>Raddle silt loam, 2 to 5 percent slopes, rarely flooded</u>	<u>7430B</u>	<u>Raddle silt loam, 2 to 5 percent slopes, rarely flooded</u>
<u>7430B</u>	<u>RADDLE SILT LOAM, 1 TO 5 PERCENT SLOPES, RARELY FLOODED</u>		
<u>7741B</u>	<u>Oakville loamy fine sand, 1 to 6 percent slopes, rarely flooded</u>	<u>7741B</u>	<u>Oakville loamy fine sand, 1 to 6 percent slopes, rarely flooded</u>
<u>7741B</u>	<u>OAKVILLE LOAMY FINE SAND, 1 TO 7 PERCENT SLOPES, RARELY FLOODED</u>		
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded	<u>8070A</u>	<u>Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded</u>
8070	BEAUCOUP SILTY CLAY LOAM, OCCASIONALLY FLOODED		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
8071A	Darwin silty clay, 0 to 2 percent slopes, occasionally flooded	<u>8071A</u>	<u>Darwin silty clay, 0 to 2 percent slopes, occasionally flooded</u>
8071	DARWIN SILTY CLAY, OCCASIONALLY FLOODED		
<u>8104A</u>	<u>Virgil silt loam, 0 to 2 percent slopes, occasionally flooded</u>	<u>8104A</u>	<u>Virgil silt loam, 0 to 2 percent slopes, occasionally flooded</u>
8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded	<u>8284A</u>	<u>Tice silt loam, 0 to 2 percent slopes, occasionally flooded</u>
8284	TICE SILT LOAM, OCCASIONALLY FLOODED		
8336A	Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded	<u>8336A</u>	<u>Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded</u>
8336	WILBUR SILT LOAM, OCCASIONALLY FLOODED		
8396A	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	<u>8396A</u>	<u>Vesser silt loam, 0 to 2 percent slopes, occasionally flooded</u>
8206	THORP SILT LOAM, OCCASIONALLY FLOODED		
8404A	Titus silty clay loam, 0 to 2 percent slopes, occasionally flooded	<u>8404A</u>	<u>Titus silty clay loam, 0 to 2 percent slopes, occasionally flooded</u>
8404	TITUS SILTY CLAY, OCCASIONALLY FLOODED		
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded	<u>8415A</u>	<u>Orion silt loam, 0 to 2 percent slopes, occasionally flooded</u>
8415	ORION SILT LOAM, OCCASIONALLY FLOODED		
<u>9279B</u>	<u>Rozetta silt loam, terrace, 2 to 5 percent slopes</u>	<u>9279B</u>	<u>Rozetta silt loam, terrace, 2 to 5 percent slopes</u>
<u>9279C2</u>	<u>Rozetta silt loam, terrace, 5 to 10 percent slopes, eroded</u>	<u>9279C2</u>	<u>Rozetta silt loam, terrace, 5 to 10 percent slopes, eroded</u>
MW	Miscellaneous water	MW	Miscellaneous water
W	Water	W	Water

Series established by this correlation: None

Series added to the previously correlated legend (January 1993): Blyton, Greenbush, Marseilles, Navlys, Osco, Quiver, Sable, Timewell, Timula, and Vesser

Series dropped from the previously correlated legend (January 1993): Downs, Gosport, Herrick, Tama.

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

Prior soil survey publication: The last soil survey of Schuyler County was completed in 1994 and published by the United States Department of Agriculture, Soil Conservation Service in 2001. It is Illinois Agricultural Experiment Station Soil Report No. 160, "Soil Survey of Schuyler 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: Schuyler County joins five modern soil surveys.

Adams County - Update survey to be certified 2001
Brown County - Modern soil survey (1998)
Fulton County - Project/update survey to be certified 2001
Hancock County - Modern soil survey to be published 2001
McDonough County - Modern soil survey (1997)

An exact join will be completed with the ~~updated~~ Adams, Fulton and McDonough County soil surveys. An acceptable join will be completed -with the remaining adjacent counties.

Disposition of field sheets: The published soil atlas sheets at a scale of 1:15,840 were rectified and ratioed to a scale of 1:12,000. These maps serve as the base maps for the update soil survey of Schuyler County. The published maps were used

to recompile 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. This survey will be certified for SSURGO at the Kansas Digitizing Center. Digital spatial and attribute data will be provided to the Schuyler County Board as part of the cost share cooperative agreement.

Instructions for map compilation and map finishing: Map recompilation has been completed by the Springfield MLRA team.

Soils will be recompiled on a mylar separate at a 1:12,000 scale; hydrography, and conventional and special symbols are recompiled on screen using ARC/INFO at a 1:12,000 scale. The soils layer will be delivered to the Kansas Digitizing Center for scanning and digital processing. The hydrography layer and the conventional and special symbols layer will be delivered to the Illinois NRCS state office.

Symbols for map finishing are those approved for SSURGO standards and as shown in this document. The Springfield MLRA team and the Illinois NRCS state office GIS staff will complete a final check of the digital materials before delivering the product to the Kansas 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 which appear on the 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 onto the conventional symbols Mylar sheet.

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

Description	Label	Definitions and Guidelines
Cultural Features		
Cemetery	CEME	Show if one acre or larger. Label with the proper name or the word cemetery if the tract is large enough. Label smaller cemeteries with the cross symbol. Do not show boundaries of extent.
Land Division Corners (section)		
Interstate, Federal, and State Road interstate, federal, Emblems		Use appropriate symbols for federal and state roads. Other roads will not be labeled.
Levees	LVS	An embankment to confine or control water, especially one built along the banks of a river to prevent overflow of lowlands.
Hydrographic Features		
Unclassified stream		Streams which may or may not flow water throughout year. They are less than 100 feet in width on the landscape or less than 0.10 inch on the atlas sheet.
Unclassified drainage and/or irrigation ditch		
Landform Features		
Depression, closed	DEP	A shallow, saucer-shaped area slightly lower on the landscape than the surrounding area, but without a natural outlet for surface drainage. Typically ¼ to 3 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.
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.
Excavations		
Gravel pit	GPI	An open excavation from which soil and underlying material have been removed, and used without crushing, as a source of sand or gravel. Typically ¼ to 2 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.
Miscellaneous surface features		
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.

Description	Label	Definitions and Guidelines
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.

Soil Mapunit Symbol Conversion Legend
Schuyler County, Illinois

Field symbols	Publi-cation symbol
6C2	6C2
6C3	6C3
7D2	7D2
7D3	7D3
8F	8F
8G	8G
16	16A
16A	16A
17A	17A
17B	17B
17A	242A
17B	242A
19D3	19D3
19C3	630C3
36B	86B
43A	43A
43B	43B
46A	699A
46A	855A
50A	50A
50	50A
50	68A
53F	53F
68A	68A
75C	75C
86B	86B
206	206A
206A	206A
242A	242A
243B	243B
257A	257A
257B	257B
271D2	271D2
274E2	274E2
274F	274E2
274F	274F

274G	274G
279B	279B
279C2	279C2
280B	280B
280B2	280B2
280C2	280C2
280C3	280C3
280D2	280D2
280D3	280D3
280E2	280E2
386B	675B
470C2	470C2
549F	549F
549G	549G
551F	549F
551G	549G
570C2	570C2
605D2	605D2
630C3	630C3
675B	675B
699A	699A
802B	802B
802E	802E
824B	824B
835	835
855A	855A
855B	855B
864	864
871G	802E
871G	871G
872B	872B
937G	8G
937G	274G
967G	8G
967G	549G
1071A	1071A
3070	3070A
3070A	3070A
3070	3641L
3077	3077A

3077A	3077A
3107	3107A
3107A	3107A
3284	3284A
3284A	3284A
3333	3333A
3333A	3333A
3336	3634A
3404	3404A
3404A	3404A
3634A	3634A
3641L	3641L
4071	1071A
7087B	7087B
7242A	7242A
7430B	7430B
7741B	7741B
8070	8070A
8070A	8070A
8071	8071A
8071A	8071A
8104A	8104A
8206	8396A
8284	8284A
8284A	8284A
8336	8336A
8336A	8336A
8396A	8396A
8404	8404A
8404A	8404A
8415	8415A
8415A	8415A
9279B	9279B
9279C2	9279C2

Field symbols	Publi- cation symbol
MW	MW
SL	MW
W	W
17	17A
17A	17A
27B2	618B2
27C2	618C2
27D2	618D2
27E2	618F
36A	86A
36B	86B
36B2	86B2
41	51A
43	43A
43A	43A
51A	51A
56B2	56B2
56C2	56C2
59	59A
59A	59A
60B2	60B2
60C2	60C2
60C3	60C3
60D2	60D2
61	61A
61A	61A
67	67A
67A	67A
68	68A
68A	68A
86A	86A
86B	86B
86B2	86B2
91B2	91B2
125	125A
125A	125A
134B2	134B2
134C2	134C2
145B	145B
145B2	145B2
145C2	145C2
146A	146A
148B2	148B2
148C2	148C2
148A	663A
149	149A
149A	149A
152	152A

Field symbols	Publication symbol
152A	152A
154	154A
154A	154A
171B	171B
171B2	171B2
171C2	171C2
193B2	193B2
193C2	193C2
193D2	193D2
198	198A
198A	198A
199A	199A
199B	199B
199B2	199B2
213	213A
213A	213A
221B2	622B2
221C2	622C2
223B2	223B2
223C2	223C2
223D2	223C2
224C2	224C2
224C3	224C3
224D2	224D2
224D3	224D3
224E2	224F
224F	224F
224G	224G
232	232A
232A	232A
233B	233B
233B2	233B2
233C2	233C2
236	236A
236A	236A
243A	680A
243B	680B
244	244A
244A	244A
272	272A
272A	272A
279B2	279B2
290A	290A
290B2	290B2
290C2	290C2
293	293A
293A	293A

Field symbols	Publication symbol
294B	294B
318B2	318B2
322B2	322B2
322C2	322C2
327B2	327B2
327C2	327C2
330	330A
330A	330A
440C2	440C2
440B2	687B2
481A	481A
484	715A
484A	715A
496	496A
496A	496A
533	533
541B2	541B2
567A	567A
567B	567B
567B2	567B2
570D2	570D2
614B	614B
614B2	614B2
618B2	618B2
618C2	618C2
618D2	618D2
618F	618F
622B2	622B2
622C2	622C2
663A	663A
680A	680A
680B	680B
687C2	440C2
687B2	687B2
715A	715A
740	740A
740A	740A
801B	802B
802B	802B
865	865
893B	893B
902A	902A
2221C	622C2
2892A	8107A
2893B	893B
2902A	902A
3107A	3107A
8073	8073A

Field symbols	Publi- cation symbol
8073A	8073A
8074	8074A
8074A	8074A
8077	8077A
8077A	8077A
8107	8107A
8107A	8107A
8415	8415A
8415A	8415A
8451	8451A
8451A	8451A

Alphabetical Soil Identification Legend
Schuyler County, Illinois

Map symbol	Soil map unit name
7D2	Atlas silt loam, 10 to 18 percent slopes, eroded
7D3	Atlas silty clay loam, 10 to 18 percent slopes, severely eroded
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded
53F	Bloomfield loamy fine sand, 18 to 40 percent slopes
3634A	Blyton silt loam, 0 to 2 percent slopes, frequently flooded
257A	Clarksdale silt loam, 0 to 2 percent slopes
257B	Clarksdale silt loam, 2 to 5 percent slopes
8071A	Darwin silty clay, 0 to 2 percent slopes, occasionally flooded
1071A	Darwin silty clay, 0 to 2 percent slopes, undrained, commonly flooded
7087B	Dickinson sandy loam, 2 to 5 percent slopes, rarely flooded
75C	Drury silt loam, 5 to 10 percent slopes
835	Earthen dam
280B	Fayette silt loam, 2 to 5 percent slopes
280B2	Fayette silt loam, 2 to 5 percent slopes, eroded
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded
280C3	Fayette silty clay loam, 5 to 10 percent slopes, severely eroded
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
6C2	Fishhook silt loam, 5 to 10 percent slopes, eroded
6C3	Fishhook silty clay loam, 5 to 10 percent slopes, severely eroded
675B	Greenbush silt loam, 2 to 5 percent slopes
8F	Hickory silt loam, 18 to 35 percent slopes
8G	Hickory silt loam, 35 to 60 percent slopes
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded
43A	Ipava silt loam, 0 to 2 percent slopes
43B	Ipava silt loam, 2 to 5 percent slopes
470C2	Keller silt loam, 5 to 10 percent slopes, eroded
242A	Kendall silt loam, 0 to 2 percent slopes
7242A	Kendall silt loam, 0 to 2 percent slopes, rarely flooded
17A	Keomah silt loam, 0 to 2 percent slopes
17B	Keomah silt loam, 2 to 5 percent slopes
871G	Lenzburg silty clay loam, 20 to 60 percent slopes

Map symbol	Soil map unit name
549F	Marseilles silt loam, 18 to 35 percent slopes
549G	Marseilles silt loam, 35 to 65 percent slopes
570C2	Martinsville loam, 5 to 10 percent slopes, eroded
MW	Miscellaneous water
630C3	Navlys silty clay loam, 5 to 10 percent slopes, severely eroded
7741B	Oakville loamy fine sand, 1 to 6 percent slopes, rarely flooded
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded
802E	Orthents loamy, hilly
802B	Orthents loamy, undulating
86B	Oscos silt loam, 2 to 5 percent slopes
864	Pits, quarries
3641L	Quiver silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
7430B	Raddle silt loam, 2 to 5 percent slopes, rarely flooded
872B	Rapatee silty clay loam, 1 to 7 percent slopes
279B	Rozetta silt loam, 2 to 5 percent slopes
279C2	Rozetta silt loam, 5 to 10 percent slopes
9279B	Rozetta silt loam, terrace, 2 to 5 percent slopes
9279C2	Rozetta silt loam, terrace, 5 to 10 percent slopes, 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
274E2	Seaton silt loam, 18 to 25 percent slopes, eroded
274F	Seaton silt loam, 18 to 35 percent slopes
274G	Seaton silt loam, 35 to 60 percent slopes
243B	St. Charles silt loam, 2 to 5 percent slopes
824B	Swanwick silt loam, 2 to 5 percent slopes
19D3	Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded
206A	Thorp silt loam, 0 to 2 percent slopes
8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded
3284A	Tice silty clay loam, 0 to 2 percent slopes, frequently flooded
855A	Timewell and Ipava soils, 0 to 2 percent slopes
855B	Timewell and Ipava soils, 2 to 5 percent slopes
699A	Timewell silt loam, 0 to 2 percent slopes
271D2	Timula silt loam, 10 to 18 percent slopes, eroded
3404A	Titus silty clay loam, 0 to 2 percent slopes, frequently flooded
8404A	Titus silty clay loam, 0 to 2 percent slopes, occasionally flooded
605D2	Ursa silt loam, 10 to 18 percent slopes, eroded
8396A	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded
50A	Virden silty clay loam, 0 to 2 percent slopes
8104A	Virgil silt loam, 0 to 2 percent slopes, occasionally flooded
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
W	Water
8336A	Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded

Classification of Pedons Sampled For Laboratory Analysis
 For Schuyler County, Illinois
 A Subset of MLRA 115C

There were no additional pedons sampled during this update. The list of pedons sampled for analysis is contained in the 1992 correlation document.

Notes to Accompany the Classification and Correlation
 of the Soils of Schuyler County, Illinois
 Prepared by John C. Doll

Map unit symbol	Map unit Name	Map unit text notes	DMU id
ATLAS SERIES			
7D2	Atlas silt loam, 10 to 18 percent slopes, eroded	This map unit linked to DMU 47055. The TUD for the Schuyler update manuscript is: the OSD pedon in Adams County.	47,055

Map unit symbol	Map unit Name	Map unit text notes	DMU id
7D3	Atlas silty clay loam, 10 to 18 percent slopes, severely eroded	This map unit linked to DMU 29004. Rep pedon for this mapping unit of Schuyler update manuscript is 93IL-057-072(Fulton Co.) Slope adjusted from 10-15% to 10-18%.	29,004
BEAUCOUP SERIES			
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded	This map unit linked to DMU 29048. The TUD for the Schuyler update manuscript is: The OSD pedon 95IL-001-008. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 90IL-169-016	29,048
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded	This map unit linked to DMU 30865. The TUD for the Schuyler update manuscript is: the OSD pedon 95IL-001-008. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 95IL-001-008	30,865
BLOOMFIELD SERIES			
53F	Bloomfield loamy fine sand, 18 to 40 percent slopes	This map unit linked to DMU 47139. The TUD for the Schuyler update manuscript is: the OSD pedon (Lawrence Co.). The Rep pedon for this mapping unit of the Schuyler update manuscript is: 89IL-169-058.	47,139
BLYTON SERIES			
3634A	Blyton silt loam, 0 to 2 percent slopes, frequently flooded	This map unit linked to DMU 30816. The TUD for the Schuyler update manuscript is: the OSD pedon 97IL-057-147. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 97IL-57-147. These soils were previously mapped as Wilbur. Wilbur is reclassified as an inceptisol. Blyton soils are entisols and have an A-C profile. Areas of occasionally flooded Wilbur will remain as Wilbur soils.	30,816
CLARKSDALE SERIES			
257A	Clarksdale silt loam, 0 to 2 percent slopes	This map unit linked to DMU 30790. The TUD for the Schuyler update manuscript is: the OSD pedon 95IL-021-010. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 95IL-021-010	30,790
257B	Clarksdale silt loam, 2 to 5 percent slopes	This map unit linked to DMU 30791. The TUD for the Schuyler update manuscript is: the OSD pedon 95IL-021-010. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 80IL-009-014	30,791
DARWIN SERIES			
8071A	Darwin silty clay, 0 to 2 percent slopes, occasionally flooded	This map unit linked to DMU 47156. The TUD for the Schuyler update manuscript is: 89IL-169-029. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 89IL-169-029	47,156
1071A	Darwin silty clay, 0 to 2 percent slopes, undrained, commonly flooded	This map unit linked to DMU 47152. The TUD for the Schuyler update manuscript is: 89IL-169-029. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 90IL-169-018 These units were previously correlated as Darwin, ponded(4071). All Darwin units show ponding depth. These just have ponding deeper and for long duration. "undrained" seems better term to represent the condition. Mapped on both sides of levee, hence, the term "common" relating to flooding frequency. NASIS will not allow us to use term common, but will show frequent for some months and occasional for others. Manuscript will discuss what's going on. These are really wet areas and flooding frequency is a lesser hazard than ponding.	47,152

Map unit symbol	Map unit Name	Map unit text notes	DMU id
DICKINSON SERIES			
7087B	Dickinson sandy loam, 2 to 5 percent slopes, rarely flooded	This map unit linked to DMU 47153. The TUD for the Schuyler update manuscript is: 88IL-169-005. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 88IL-169-005	47,153
DRURY SERIES			
75C	Drury silt loam, 5 to 10 percent slopes	This map unit linked to DMU 29233. The TUD for the Schuyler update manuscript is: (need new the OSD site). The Rep pedon for this mapping unit of the Schuyler update manuscript is: 88IL-169-042. This unit is footslope and does not flood.	29,233
835	Earthen dam	This map unit linked to DMU 32991. The TUD for the Schuyler update manuscript is: The Rep pedon for this mapping unit of the Schuyler update manuscript is: These areas were previously correlated as Orthents (802B) or large dams.	32,991
FAYETTE SERIES			
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded	This map unit linked to DMU 29046. The TUD for the Schuyler update manuscript is: 84IL-195-315. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 89IL-057-027	29,046
280E2	Fayette silt loam, 18 to 25 percent slopes, eroded	This map unit linked to DMU 29047. The TUD for the Schuyler update manuscript is:84IL-195-315. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 94IL-057-163. This unit added only for join w/ Fulton County.	29,047
280B	Fayette silt loam, 2 to 5 percent slopes	This map unit linked to DMU 32358. The TUD for the Schuyler update manuscript is: 84IL-195-315. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 84IL-195-315. Areas of this map unit (280B) along the Fulton county line will be compiled as 280B2 for joining purposes only.	32,358
280B2	Fayette silt loam, 2 to 5 percent slopes, eroded	This map unit linked to DMU 46025. The TUD for the Schuyler update manuscript is:84IL-195-315. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 93IL-057-129. This unit (280B2) added for join w/ Fulton County.	46,025
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded	This map unit linked to DMU 28294. The TUD for the Schuyler update manuscript is:84IL-195-315. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 93IL-057-013	28,294
280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded	This map unit linked to DMU 46101. The TUD for the Schuyler update manuscript is: 84IL-195-315. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 87IL-187-068 The soils in this map unit are not as acid in the solum as defined for the series.	46,101
280C3	Fayette silty clay loam, 5 to 10 percent slopes, severely eroded	This map unit linked to DMU 41146. The TUD for the Schuyler update manuscript is: 84IL-195-315. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 83IL-011-102 The soils in this map unit are not as acid in the solum as defined for the series.	41,146
FISHHOOK SERIES			

Map unit symbol	Map unit Name	Map unit text notes	DMU id
6C2	Fishhook silt loam, 5 to 10 percent slopes, eroded	This map unit linked to DMU 30753. The TUD for the Schuyler update manuscript is the OSD site in Adams Co. 95IL-001-009.	30,753
6C3	Fishhook silty clay loam, 5 to 10 percent slopes, severely eroded	This map unit linked to DMU 30754 Rep pedon for this mapping unit of Schuyler update manuscript is 82IL-009-003(Brown Co.)	30,754
GREENBUSH SERIES			
675B	Greenbush silt loam, 2 to 5 percent slopes	This map unit linked to DMU 42801. The TUD for the Schuyler update manuscript is: the OSD pedon 86IL-185-078 . The Rep pedon for this mapping unit of the Schuyler update manuscript is: 86IL- 185-078. These soils previously correlated as Downs (386B). Greenbush soils were established to recognize water tables4-6 ft.	42,801
HICKORY SERIES			
8F	Hickory silt loam, 18 to 35 percent slopes	This map unit linked to DMU 30760. Rep pedon for this mapping unit of Schuyler update manuscript is 94IL-057-141(Fulton Co.)	30,760
8G	Hickory silt loam, 35 to 60 percent slopes	This map unit linked to DMU 30761. Rep pedon for this mapping unit of Schuyler update manuscript is 97IL-017-002. (also used as TUD.) Included w/ this map unit in compilation are areas of Hickory-Seaton and Hickory-Gosport. Compiling at 1:12000 scale allows separating Hickory on upper sideslopes of Hickory-Gosport and on lower side slopes of Hickory-Seaton.	30,761
HUNTSVILLE SERIES			
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded	This map unit linked to DMU 29050. The TUD for the Schuyler update manuscript is: 85IL-195-339. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 85IL-195-339	29,050
IPAVA SERIES			
43A	Ipava silt loam, 0 to 2 percent slopes	This map unit linked to DMU 28262. The TUD for the Schuyler update manuscript is: the OSD pedon 78IL-095-016 (Knox Co.). The Rep pedon for this mapping unit of the Schuyler update manuscript is: 78IL-095-016. These soils are mapped as consociations as are Timewell soils in Schuyler County. The undifferentiated Ipava and Timewell map unit is on the Schuyler legend for join purposes only. Ipava is common inclusion in Timewell soils and vice versa in areas near geographic boundary.	28,262
43B	Ipava silt loam, 2 to 5 percent slopes	This map unit linked to DMU 46028. The TUD for the Schuyler update manuscript is: the OSD pedon in Knox Co. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 87IL-187-071. See notes on 43A Ipava for discussion on Ipava/Timewell map units.	46,028
KELLER SERIES			
470C2	Keller silt loam, 5 to 10 percent slopes, eroded	This map unit linked to DMU 30825. The TUD for the Schuyler update manuscript is: the OSD pedon 95IL-009-026. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 90IL-169-011. These soils in Schuyler County have a thinner dark colored surface layer than is definitive for the series. These	30,825

Map unit symbol	Map unit Name	Map unit text notes	DMU id
		taxadjuncts classify as Fine-silty, mixed, superactive, mesic Aquollic Hapludalfs.	
KENDALL SERIES			
242A	Kendall silt loam, 0 to 2 percent slopes	This map unit linked to DMU 43903. The TUD for the Schuyler update manuscript is: the OSD pedon 98IL-041-022. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 98IL-041-022. These soils in Schuyler County have silty material (less than 10% sand) to depths greater than 60 inches. They are on terrace treads and loamy and sandy outwash materials are generally encountered within a depth of 80 inches. These soils in rarely flooded areas are correlated to 7242A Kendall. These soils in occasionally flooded areas are correlated to 8104A Virgil.	43,903
7242A	Kendall silt loam, 0 to 2 percent slopes, rarely flooded	This map unit linked to DMU 47162. The TUD for the Schuyler update manuscript is: the OSD pedon 98IL-041-022. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 98IL-041-022 . These soils in Schuyler County have silty material (less than 10 % sand) to depths greater than 60 inches. They are on rarely flooded terrace treads. The loamy and sandy outwash materials are generally encountered within a depth of 80 inches.	47,162
KEOMAH SERIES			
17A	Keomah silt loam, 0 to 2 percent slopes	This map unit linked to DMU 30763. The TUD for the Schuyler update manuscript is: 95IL-001-023. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 95II-001-023. Areas of Keomah on terraces will be correlated to Kendall.	30,763
17B	Keomah silt loam, 2 to 5 percent slopes	This map unit linked to DMU 30764. The TUD for the Schuyler update manuscript is: 95IL-001-023 (17A). The Rep pedon for this mapping unit of the Schuyler update manuscript is: 87IL-009-020. areas of Keomah on terraces are correlated as Kendall.	30,764
LENZBURG SERIES			
871G	Lenzburg silty clay loam, 20 to 60 percent slopes	This map unit linked to DMU 30888. The TUD for the Schuyler update manuscript is: 89IL-169-025. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 89IL-169-025. These soils in Schuyler County do not have carbonates in all layers and are on low end of range for rock fragment content. Slope range adjusted from 30-60% to 20-60%. Some published delineations of this map unit will be compiled as Orthents (802E) in areas that have not been affected by surface mining. Taxadjunct for nonacid.	30,888
MARSEILLES SERIES			
549F	Marseilles silt loam, 18 to 35 percent slopes	This map unit linked to DMU 42788. The TUD for the Schuyler update manuscript is: the OSD pedon 85IL-011-030. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 89IL-109-022. These soils were previously correlated as Gosport (551F). Slope range adjusted from 18-30% to 18-35%.	42,788
549G	Marseilles silt loam, 35 to 65 percent slopes	This map unit linked to DMU 42789. The TUD for the Schuyler update manuscript is: the OSD pedon 85IL-011-030. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 85IL-011-030. These soils were previously correlated as Gosport (551G) and Hickory-Gosport (967G). The latter complex is split in	42,789

Map unit symbol	Map unit Name	Map unit text notes	DMU id
		compilation with Hickory soils on upper sideslopes and Marseilles soils on lower sideslopes. Slope range adjusted from 30-60% to 35-65%.	
MARTINSVILLE SERIES			
570C2	Martinsville loam, 5 to 10 percent slopes, eroded	This map unit linked to DMU 47150. The TUD for the Schuyler update manuscript is:77IL-019-014. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 89IL-169-046	47,150
MW	Miscellaneous water	This map unit linked to DMU 46329 . These units were previously shown as areas labeled 'sewage lagoons.'	46,329
NAVLYS SERIES			
630C3	Navlys silty clay loam, 5 to 10 percent slopes, severely eroded	This map unit linked to DMU 29073. The TUD for the Schuyler update manuscript is: the OSD pedon 93IL-057-011. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 93IL-057-011. This map unit replaces Sylvan (19C3). Navlys replaces Sylvan in MLRA 115C on slopes less than 10 percent. These soils have a seasonal high water table at depths of 4-6 ft.	29,073
OAKVILLE SERIES			
7741B	Oakville loamy fine sand, 1 to 6 percent slopes, rarely flooded	This map unit linked to DMU 47155. The TUD for the Schuyler update manuscript is: 88IL-169-012. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 88IL-169-012	47,155
ORION SERIES			
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded	This map unit linked to DMU 29087. The TUD for the Schuyler update manuscript is: 89IL-169-010. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 89IL-169-010	29,087
ORTHENTS			
802E	Orthents loamy, hilly	This map unit linked to DMU 47151. The TUD for the Schuyler update manuscript is: The Rep pedon for this mapping unit of the Schuyler update manuscript is: 84IL-011-086. This unit added for areas of 871G Lenzburg that have no history of surface mining activity.	47,151
802B	Orthents loamy, undulating	This map unit linked to DMU 46219. The TUD for the Schuyler update manuscript is: The Rep pedon for this mapping unit of the Schuyler update manuscript is: 86IL-011-086. Areas of this map unit that are large dams will be compiled as map unit 835 Earthen dam.	46,219
OSCO SERIES			
86B	Oscos silty loam, 2 to 5 percent slopes	This map unit linked to DMU 30777. The TUD for the Schuyler update manuscript is: the OSD pedon 56IL-015-002. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 56IL-105-002. This map unit previously correlated as 36B Tama (moderately wet interps, water table 4-6 ft.	30,777
PITS			
864	Pits, quarries	This map unit linked to DMU 46015.	46,015
QUIVER SERIES			
3641L	Quiver silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	This map unit linked to DMU 43330. The TUD for the Schuyler update manuscript is: the OSD pedon 94IL-057-166. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 97IL-057-166. These soils are added to the legend for joining w/ Fulton Co.	43,330
RADDLE SERIES			
7430B	Raddle silt loam, 2 to 5 percent	This map unit linked to DMU 29064. The TUD for the Schuyler	29,064

Map unit symbol	Map unit Name	Map unit text notes	DMU id
	slopes, rarely flooded	update manuscript is: 90IL-057-029. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 90IL-057-029 Rare flooding on these and similar footslope positions is the common condition along the bluff areas. Project mapping had a mix of nonflooded and rarely flooded units in different project/published reports.	
RAPATEE SERIES			
872B	Rapatee silty clay loam, 1 to 7 percent slopes	This map unit linked to DMU 29095. The TUD for the Schuyler update manuscript is: the OSD pedon, Knox Co. The Rep pedon for this mapping unit of the Schuyler update manuscript is: the OSD pedon.	29,095
ROZETTA SERIES			
279B	Rozetta silt loam, 2 to 5 percent slopes	This map unit linked to DMU 30803. The TUD for the Schuyler update manuscript is: 95IL-057-001. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 95IL-057-001 Units of 279B on terraces will be compiled as 9279B.	30,803
279C2	Rozetta silt loam, 5 to 10 percent slopes	This map unit linked to DMU 30804. The TUD for the Schuyler update manuscript is: 95IL-057-001. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 93IL-057-065. Areas of 279C2 on terraces are compiled as 9279C2.	30,804
9279B	Rozetta silt loam, terrace, 2 to 5 percent slopes	This map unit linked to DMU 43319. The TUD for the Schuyler update manuscript is: 95IL-057-001. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 94IL-057-158. These soils were previously mapped as 279B on terraces. The prefix '9' is added to the mu symbol to identify these areas of upland soils as being on terraces.	43,319
9279C2	Rozetta silt loam, terrace, 5 to 10 percent slopes, eroded	This map unit linked to DMU 29104. The TUD for the Schuyler update manuscript is: 95IL-057-001. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 94IL-057-175. These soils were previously mapped as 279C2 on terrace positions. The prefix '9' is added to the mu symbol to recognize these upland soils as being on terraces.	29,104
RUSHVILLE SERIES			
16A	Rushville silt loam, 0 to 2 percent slopes	This map unit linked to DMU 30762. TUD and Rep pedon for this mapping unit of Schuyler update manuscript is 95IL-001-038	30,762
SABLE SERIES			
68A	Sable silty clay loam, 0 to 2 percent slopes	This map unit linked to DMU 29016. The TUD for the Schuyler update manuscript is: the OSD pedon 57IL-187-001. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 57IL-187-001. This map unit added to legend for join w/ Fulton County. Some areas of Virden (50A) will be converted.	29,016
SAWMILL SERIES			
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	This map unit linked to DMU 43922. The TUD for the Schuyler update manuscript is: the OSD pedon 99IL-167-008. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 99IL-167-008	43,922
SEATON SERIES			

Map unit symbol	Map unit Name	Map unit text notes	DMU id
274E2	Seaton silt loam, 18 to 25 percent slopes, eroded	This map unit linked to DMU 29038. The TUD for the Schuyler update manuscript is:83IL-195-120. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 90IL-057-040. This map unit added for join w/ Fulton County.	29,038
274F	Seaton silt loam, 18 to 35 percent slopes	This map unit linked to DMU 29039. The TUD for the Schuyler update manuscript is:83IL-195-120. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 94IL-057-115. Slope range changed from 18-30% to 18-35%.	29,039
274G	Seaton silt loam, 35 to 60 percent slopes	This map unit linked to DMU 29040. The TUD for the Schuyler update manuscript is: 83IL-195-120. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 93IL-057-026. This map unit added during compilation of 937G Hickory- Seaton from published maps. These areas (274G) will be separated on the upper sideslope areas of 937G. Separation possible now because of smaller scale of maps.	29,040
ST. CHARLES SERIES			
243B	St. Charles silt loam, 2 to 5 percent slopes	This map unit linked to DMU 29034. The TUD for the Schuyler update manuscript is: the OSD pedon 83IL-011-037. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 83IL-011-037. These soils have water table >6 ft. In compilation, some areas on flood plains may be compiled as rarely flooded Kendall or occasionally flooded Virgil units. No edits are made in NASIS correlation to reflect these compilation changes.	29,034
SWANWICK SERIES			
824B	Swanwick silt loam, 2 to 5 percent slopes	This map unit linked to DMU 47160. The TUD for the Schuyler update manuscript is: the OSD pedon Randolph Co. The Rep pedon for this mapping unit of the Schuyler update manuscript is: the OSD pedon Randolph Co.	47,160
SYLVAN SERIES			
19D3	Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded	This map unit linked to DMU 29012. The TUD for the Schuyler update manuscript is: the OSD pedon in Cass Co. 95IL-017-033. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 82IL-017-002. Soils have low chroma high in profile due to de-oxidized loess. Water table is >6 feet in this map unit.	29,012
THORP SERIES			
206A	Thorp silt loam, 0 to 2 percent slopes	This map unit linked to DMU 32340. The TUD for the Schuyler update manuscript is: the OSD pedon 96IL-099-008. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 96IL-099-008. Areas of Thorp on flood plains are correlated to Vesser, see Vesser notes. In many places these soils in Schuyler County have loess thickness greater than 60 inches and in some cases the solum is not developed into the outwash.	32,340
TICE SERIES			
8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded	This map unit linked to DMU 47157. The TUD for the Schuyler update manuscript is: the OSD pedon 96IL-001-060. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 89IL-169-011. These soils in this map unit have as silt loam surface layer and less clay in the subsoil than is typical for the Tice	47,157

Map unit symbol	Map unit Name	Map unit text notes	DMU id
		series. These soils are not taxadjuncts. These soils do not have fluventic properties.	
3284A	Tice silty clay loam, 0 to 2 percent slopes, frequently flooded	This map unit linked to DMU 28302. The TUD for the Schuyler update manuscript is: the OSD pedon 96IL-001-060. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 94IL-057-176. These soils do not have fluventic properties. They are not considered taxadjuncts.	28,302
TIMEWELL SERIES			
855A	Timewell and Ipava soils, 0 to 2 percent slopes	This map unit linked to DMU 30881. The TUD for the Schuyler update manuscript is: Timewell: the OSD pedon 97IL-009-011; and Ipava: the OSD pedon 78IL-095-016. The Rep pedon for this mapping unit of the Schuyler update manuscript is: Timewell: 97IL-009-011; Ipava: 95IL-001-034. This unit is added for joining with Adams and possibly McDonough Counties. This undifferentiated unit is not used throughout most of Schuyler County. A geographic boundary separates areas of Herrick from areas of Ipava.	30,881
855B	Timewell and Ipava soils, 2 to 5 percent slopes	This map unit linked to DMU 30882. The TUD for the Schuyler update manuscript is: Timewell: the OSD pedon 97IL-009-011; and Ipava: the OSD pedon 78IL-095-016. The Rep pedon for this mapping unit of the Schuyler update manuscript is: This unit is added for joining with Adams and possibly McDonough Counties. This undifferentiated unit is not used throughout most of Schuyler County. A geographic boundary separates areas of Herrick from areas of Ipava. Also, Herrick soils were not mapped on B-slopes in Schuyler County.	30,882
699A	Timewell silt loam, 0 to 2 percent slopes	This map unit linked to DMU 46791. The TUD for the Schuyler update manuscript is: the OSD pedon 97IL-009-011. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 88IL-169-026. These soils were previously correlated as Herrick (46A). This consociation of Timewell is separated from Ipava soils by a geographic boundary in Schuyler County. Timewell soils will be mapped in undifferentiated unit with Ipava soils. This undifferentiated unit will be used for joining with Adams County and possibly w/ McDonough County.	46,791
TIMULA SERIES			
271D2	Timula silt loam, 10 to 18 percent slopes, eroded	This map unit linked to DMU 30800. The TUD for the Schuyler update manuscript is: 95IL-001-037. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 95IL-001-037. This map unit added for join w/ Fulton County. The 2 chroma colors in this pedon are considered to be relict or inherent from the parent material and are not redox features.	30,800
TITUS SERIES			
3404A	Titus silty clay loam, 0 to 2 percent slopes, frequently flooded	This map unit linked to DMU 29055. The TUD for the Schuyler update manuscript is: 95IL-001-029. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 84IL-195-324	29,055

Map unit symbol	Map unit Name	Map unit text notes	DMU id
8404A	Titus silty clay loam, 0 to 2 percent slopes, occasionally flooded	This map unit linked to DMU 30878. The TUD for the Schuyler update manuscript is: 95IL-001-29. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 95IL-001-29. These soils were previously correlated with a silty clay surface texture. The silty clay loam surface texture is more representative of these soils in MLRA 115C.	30,878
URSA SERIES			
605D2	Ursa silt loam, 10 to 18 percent slopes, eroded	This map unit linked to DMU 30860. The TUD for the Schuyler update manuscript is: the OSD pedon 95IL-009-030. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 95IL-009-030 Slope range adjusted from 10-15% to 10-18%. These soils have water table 4-6 ft. the OSD will be changed to indicate that water table is greater than 4 ft. (Some areas may also be >6 ft which will require another DMU. Symbol655D2 was used in Adams Co. for these soils with water table4-6 ft. Some changes may be needed to Adams at future date.	30,860
VESSER SERIES			
8396A	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	This map unit linked to DMU 30877. The TUD for the Schuyler update manuscript is: 96IL-001-064. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 96IL-001-064. These soils were previously mapped as occasionally flooded Thorp (8206).	30,877
VIRDEN SERIES			
50A	Virден silty clay loam, 0 to 2 percent slopes	This map unit linked to DMU 43193. The TUD for the Schuyler update manuscript is: the OSD pedon 00IL-001-006 (50A). The Rep pedon for this mapping unit of the Schuyler update manuscript is: 00IL-001-006	43,193
VIRGIL SERIES			
8104A	Virgil silt loam, 0 to 2 percent slopes, occasionally flooded	This map unit linked to DMU 47163. The TUD for the Schuyler update manuscript is:90IL-169-034. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 90IL-169-034 Virgil is not commonly on floodplains. This is only legend w/ flooded Virgil. This update looked at Curran soils (WI) which are on flood plain steps. WI says they are nonflooded or rarely flooded. Decision is to continue using Virgil series for these units.	47,163
WAKELAND SERIES			
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	This map unit linked to DMU 30810. The TUD for the Schuyler update manuscript is: 97IL-001-012. The Rep pedon for this mapping unit of the Schuyler update manuscript is: 97IL-001-012	30,810
W	Water	This map unit linked to DMU 46010 .	46,010
WILBUR SERIES			
8336A	Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded	This map unit linked to DMU 29305. The TUD for the Schuyler update manuscript is:the Monroe Co pedon. The Rep pedon for this mapping unit of the Schuyler update manuscript is the Monroe Co. pedon.	29,305

Map			
DMU id	symbol	Mapunit Name	Mapunit text notes
43,921	125A	Selma loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon from Grundy
43921 (also used in			County. Map unit linked to DMU
5/19/2000			Champaign County). jed
			Published symbol 125 changed to
			125A with this correlation
			and slope range added to map
			unit name.
45,248	134B2	Camden silt loam, 2 to 5 percent	Map unit correlated 5/17/00. TUD is pedon in Moultrie
45248 (also used in Moultrie		slopes, eroded	County. Map unit linked to DMU
			County). jed 5/19/2000
46,255	134C2	Camden silt loam, 5 to 10 percent	Map unit correlated 5/17/00. Map unit linked to MLRA 108B
5/19/2000		slopes, eroded	legend DMU 46255. jed
41,105	145B	Saybrook silt loam, 2 to 5 percent	Map unit correlated 5/17/00. Map unit added to legend for
TUD is OSD pedon in Bureau		slopes	join with Livingston County.
108B DMU 41105. jed			County. Map unit linked to MLRA
			5/19/2000
41,106	145B2	Saybrook silt loam, 2 to 5 percent	Map unit correlated 5/17/00. Map unit is taxadjunct for thin
Oxyaquic Hapludalfs instead of		slopes, eroded	mollie colors. Soils are
linked to MLRA 108B DMU			Oxyaquic Argiudolls. Map unit
			41106. jed 5/19/2000
41,107	145C2	Saybrook silt loam, 5 to 10	Map unit correlated 5/17/00.
		percent slopes, eroded	Map unit is taxadjunct for thin
			mollie colors. Soils are
			Oxyaquic Hapludalfs rather than
			Oxyaquic Argiudolls. Map

			unit assigned to MLRA 108B DMU
41107.	jed	5/19/2000	
31,958	146A	Elliott silt loam, 0 to 2 percent	Map unit correlated 5/17/00.
		Map unit added for join with	
		slopes	Ford County. TUD is OSD pedon
		in Livingston County. Map	
			unit linked to DMU 31958 (also
			used in DuPage County).
43,925	148B2	Proctor silt loam, 2 to 5 percent	Map unit correlated 5/17/00.
		TUD is pedon in Schuyler County.	
		slopes, eroded	These eroded units are not
		taxadjuncts. Map unit assigned	
			to DMU 43925 (also used in
			Champaign County).
			jed 5/19/2000
46,044	148C2	Proctor silt loam, 5 to 10 percent	Map unit correlated 5/17/00.
		slopes, eroded	
			These soils are taxadjuncts for
		thin mollie colors. Soils	
		are mollie Hapludalfs rather	
		than Typic Argiudolls. Map	
			unit linked to MLRA 108B legend
DMU 46044.	jed	5/19/2000	
41,582	149A	Brenton silt loam, 0 to 2 percent	Map unit correlated 5/17/00.
		slopes	
			TUD is OSD pedon in Champaign
		County. Map unit linked to	
			DMU 41582 (also used in
		Champaign update). jed 5/19/2000	
			Published symbol 149 changed to
		149A with this correlation	
		unit name.	and slope range added to map

Notes -- Continued

Map			
DMUiid	symbol	Mapunit Name	Mapunit text notes

41,589	152A	Drummer silty clay loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon from Champaign County. Map unit linked to Champaign update). 5/19/2000
			DMU 41589 (also used in Published symbol 152 changed to 152A with this correlation and slope range added to map unit name.
41,594	154A	Flanagan silt loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon from Champaign County. Map unit linked to Champaign update). jed 5/19/2000
			DMU 41594 (also used in Published symbol 154 changed to 154A with this correlation and slope range added to map unit name.
41,596	171B	Catlin silt loam, 2 to 5 percent slopes	Map unit correlated 5/17/00. TUD is Champaign County pedon. This map unit linked to DMU 41596 (also used in Champaign County).
			This correlation adjusts slope range from "1 to 4 percent" to "2 to 5 percent" to agree with MLRA legend for these soils on these landforms. jed 5/22/2000
41,112	171B2	Catlin silt loam, 2 to 5 percent slopes, eroded	Map unit correlated 5/17/00. This map unit linked to DMU 41112 (Bureau County update DMU).
			These soils are taxadjuncts for thin mollic colors. They are Oxyaquic Hapludalfs rather than Oxyaquic Argiudolls. jed 5/22/2000
32,332	171C2	Catlin silt loam, 5 to 10 percent slopes	Map unit correlated 5/17/00. This map unit linked to DMU

		slopes, eroded	32332 (also used as DMU for MLRA 108B).
			These soils are taxadjuncts because of thin mollic colors.
			They are Oxyaquic Hapludalfs rather than Oxyaquic Argiudols.
			5/22/2000 jed
30,763	17A	Keomah silt loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD comes from OSD pedon (Knox County). DMU 30763 linked. This is same DMU used in MLRA 108B legend. jed 5/18/00
			Published symbol 17 changed to 17A with this correlation and slope range added to map unit name.
46,301	193B2	Mayville silt loam, 2 to 5 percent slopes, eroded	Map unit correlated 5/17/00. Map unit linked to new DMU 46301, a copy of DMU that represents the map unit on the published legend. jed 5/22/2000
46,302	193C2	Mayville silt loam, 5 to 10 percent slopes, eroded	Map unit correlated 5/17/00. TUD is Schuyler County published DMU 46302 created from copy of DMU for the map unit on the published legend. jed 5/212/2000
46,303	193D2	Mayville silt loam, 10 to 18 percent slopes, eroded	Map unit correlated 5/17/00. This map unit linked to DMU 46303 created from copy of DMU for the map unit on the published legend. jed 5/212/2000
			published slope range 10-15% changed to 10-18% with this correlation.
43,919	198A	Elburn silt loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon in Logan County. Map unit assigned to DMU 43919 (also used in Champaign County). jed 5/22/2000

			Published symbol 198 changed to 198A with this correlation
			and slope range added to map unit name.

Notes — Continued

Map			
DMUid	symbol	Mapunit Name	Mapunit text notes
41,120	199A	Plano silt loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon in Stark County. Map unit assigned to DMU 41120 (a copy of Stark County published legend DMU that was updated for Bureau on 108B legend). jed
			5/22/2000
29,032	199B	Plano silt loam, 2 to 5 percent slopes	Map unit correlated 5/17/00. This map unit linked to DMU 29032 (also used for map unit in Fulton County update legend and MLRA 108B legend). jed
			5/22/2000
41,122	199B2	Plano silt loam, 2 to 5 percent slopes, eroded	correlated 5/17/2000. Map unit added for join with De Witt County. Map unit assigned to DMU 41122 (also used for map unit on MLRA 108B legend).
			This map unit is taxadjunct for thin mollie colors. component is mollie Hapludalfs rather than Typic Argiudolls. jed
			5/22/2000
46,306	213A	Normal silt loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon in Schuyler County. Map unit linked to DMU 46306 (created as copy of DMU 24284 the DMU for this map unit on the Schuyler published legend). jed
			5/22/2000

			Published symbol 213 changed to
213A with this correlation			and slope range added to map
unit name.			
43,912	223B2	Varna silt loam, 2 to 4 percent	Map unit correlated 5/17/00.
TUD is published pedon in Ford		slopes, eroded	County. These eroded mollisols
are not taxadjuncts.			
			This map unit linked to DMU
43912 (also used in Champaign			County).
			the slope is adjusted with this
correlation from the			published slope range of "2 to 5
percent" to the correlated			"2 to 4 percent." jed
5/22/2000			
31,968	223C2	Varna silt loam, 4 to 6 percent	Map unit correlated 5/17/00.
This map unit is taxadjunct		slopes, eroded	for thin mollic colors. it is
mollic Hapludalfs rather than			Typic Argiudolls.
			This correlation changes
published slope range of "5 to 10			percent" to "4 to 6 percent" to
agree with MLRA 110 legend			for these soils on similar
landforms. In compilation the			topo maps were used as guide to
determine it some areas of			223D2 could be delineated. A
brief map check during the			correlation conference did not
reveal any 223D2 units on			maps, but 223D2 will be added as
additional symbol so it			appears in the conversion
legend.			
			This map unit linked to DMU
31968 (also used in DuPage			County and is MLRA 110 DMU).
DMU is edited copy of DMU for			this map unit in vermilion
County. jed 5/22/2000			
46,307	224C2	Strawn loam, 5 to 10 percent	Map unit correlated 5/17/00.
TUD is pedon in Schuyler			

		slopes, eroded	published report. Map unit
		linked to DMU 46307, a copy of	
		legend. jed 5/24/2000	the DMU linked to the published
46,308	224C3	Strawn clay loam, 5 to 10 percent	Map unit correlated 5/17/00.
		Map unit linked to DMU 46308,	
		slopes, severely eroded	a copy of the DMU linked to the
		published legend. jed	
			5/24/2000
46,309	224D2	Strawn silt loam, 10 to 18 percent	Map unit correlated 5/17/00.
		Map unit linked to DMU 46309,	
		slopes, eroded	created for this legend as copy
		of DMU for the published	
			legend. Map unit slope changed
		w/ this correlation from 10	
		jed 5/24/2000	15 percent to 10-18 percent.
46,310	224D3	Strawn clay loam, 10 to 18 percent	Map unit correlated 5/17/00.
		Map unit linked to DMU 46310,	
		slopes, severely eroded	created for this legend as copy
		of DMU for the published	
			legend. This correlation
		changes slope range from 10-15	
		5/24/2000	percent to 10-18 percent. jed

Notes - Continued

Map			
DMU id	symbol	Mapunit Name	Mapunit text notes
46,311	224F	Strawn silt loam, 18 to 35 percent	Map unit correlated 5/17/00.
		This map unit linked to DMU	
		slopes, eroded	46311, a copy of DMU linked to
		published legend of Schuyler	
			County.
			This correlation changes symbol
		from 224E2 to 224F to agree	
		also, moderate	with the MLRA legend guidelines.
			erosion previously correlated is
		changed to slight based on	
		This correlation also	pedon description and land use.
		percent to 18-35 percent.	changes slope range from 15-30
			jed 5/24/2000

46,312	224C	Strawn loam, 35 to 60 percent slopes	Map unit correlated 5/17/00. This map unit linked to DMU 46312, created as copy of DMU linked to the published legend for Schuyler County. This correlation changes the slope range from 30-50 percent to 35 to 60 percent. jed 5/24/2000
31,969	232A	Ashkum silty clay loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon in will County. Map unit linked to DMU 31969. jed 5/24/2000
			Published symbol 232 changed to 232A with this correlation and slope range added to map unit name.
43,913	233B	Birkbeck silt loam, 2 to 5 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon in Macon County. Map unit linked to MLRA 108A legend DMU 43913. jed 5/24/2000
			slope adjusted with this correlation for 1 to 4 percent to 2 to 5 percent. jed 5/25/2000
46,313	233B2	Birkbeck silt loam, 2 to 5 percent slopes, eroded	Map unit correlated 5/17/00. Map unit linked to DMU 46313 which was created from copy of fountain County, Indiana update legend DMU. This DMU was selected because it had been updated for taxonomy, water features, etc. If the DMU doesn't work for some other reason, the Schuyler County published legend DMU should be used. eroded B slope units not correlated in any other legend. jed 5/25/2000
46,016	233C2	Birkbeck silt loam, 5 to 10 percent slopes, eroded	Map unit correlated 5/17/00. This map unit linked to DMU 46016 (also the MLRA 108B legend DMU).
43,902	236A	Sabina silt loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon in Douglas County. DMU linked to MLRA 108A legend DMU 43902.

			Published symbol 236 changed to
236A with this correlation			and slope range added to map
unit name.			
43,855	244A	Hartsburg silty clay loam, 0 to 2	Map unit correlated 5/17/00.
TUD is OSD pedon in Logan			
		percent slopes	County. Map unit linked to DMU
43855 (also used in other			update legends in MLRA 108A).
			Published symbol 244 changed to
244A with this correlation			and slope range added to map
unit name.			
41,138	272A	Edgington silt loam, 0 to 2	Map unit correlated 5/17/00.
TUD is OSD pedon from Carroll			
		percent slopes	County. Map unit linked to DMU
41138 (the MLRA 108B legend			DMU).
			Published symbol 272 changed to
272A with this correlation			and slope range added to map
unit name.			
46,314	279B2	Rozetta silt loam, 2 to 5 percent	Map unit correlated 5/17/00.
TUD is pedon in Schuyler County.			
		slopes	Map unit linked to DMU 46314
which was created for this			legend as a copy of DMU
24305(Schuyler published legend DMU).			jed 5/25/2000
41,149	290A	Warsaw silt loam, 0 to 2 percent	Map unit correlated 5/17/00.
Map unit linked to DMU 41149			
		slopes	(MLRA 108B legend DMU). jed
5/25/2000			

Notes -- Continued

Map			
DMUiid	symbol	Mapunit Name	Mapunit text notes

41,151	290B2	Warsaw silt loam, 2 to 5 percent	Map unit correlated 5/17/00. TUD is published Bureau County
		slopes, eroded	pedon. Map unit is taxadjunct
		for thin mollie colors. Soils	
		rather than Typic Argiudolls.	classify as mollie Hapludalfs
			Map unit linked to DMU 41151
		(also the MLRA 108B legend	
			DMU). jed 5/25/2000
41,152	290C2	Warsaw silt loam, 5 to 10 percent	Map unit correlated 5/17/00.
		Map unit is taxadjunct for	
		slopes, eroded	thin mollie colors. Soils are
		mollie Hapludalfs rather than	
			Typic Argiudolls. Map unit
		linked to DMU 41152 (also MLRA	
			108B legend DMU). jed
		5/25/2000	
46,315	293A	Andres silt loam, 0 to 2 percent	Map unit correlated 5/17/00.
		TUD is OSD pedon in Livingston	
		slopes	County. This map unit linked to
		DMU 46315 (newly created as	
		published legend DMU).	copy of Livingston County
			Published symbol 293 changed to
		293A with this correlation	
			and slope range added to map
		unit name.	
46,316	294B	Symerton silt loam, 2 to 5 percent	Map unit correlated 5/17/00.
		TUD is OSD pedon in Iroquois	
		slopes	County. Map unit linked to
		created DMU 46316 (copy of DMU	
		legend.	22444 of published Iroquois
43,922	3107A	Sawmill silty clay loam, 0 to 2	Map unit correlated 5/17/2000.
		This map unit added for joint	
		percent slopes, frequently flooded	flooding frequencies with
		Champaign and Ford counties.	
			This map unit linked to DMU
		43922. jed 5/26/2000	
46,317	318B2	Lorenzo silt loam, 2 to 5 percent	Map unit correlated 5/17/00.
		TUD is pedon in published	
		slopes, eroded	Schuyler County report. These
		soils correlated as taxadjuncts	
			w/ this correlation based on the
		Schuyler County pedon. Soils	
		rather than Typic Argiudolls. Map	are mollie Hapludalfs rather
			unit linked to newly created DMU
		46317 (copy of Schuyler	

			County published legend DMU).
jed	5/25/2000		
46,318	322B2	Russell silt loam, 2 to 5 percent TUD is Schuyler County pedon.	Map unit correlated 5/17/00.
		slopes, eroded	Map unit linked to newly created
DMU 46317 (a copy of the			Schuyler County published legend
DMU).	jed	5/25/2000	
43,905	322C2	Russell silt loam, 5 to 10 percent Map unit linked to DMU 43905	Map unit correlated 5/17/00.
		slopes, eroded	(edited Edgar County DMU used in
Champaign County update).			jed
			5/25/2000
46,319	327B2	Fox silt loam, 2 to 5 percent TUD is pedon in Schuyler County.	Map unit correlated 5/17/00.
		slopes, eroded	Map unit linked to DMU 46319
(newly created copy of Schuyler			County published legend DMU).
jed	5/25/2000		
46,320	327C2	Fox silt loam, 5 to 10 percent Map unit linked to DMU 46320	Map unit correlated 5/17/00.
		slopes, eroded	(newly created copy of Schuyler
County published legend DMU).			jed
			5/25/2000
45,261	330A	Peotone silty clay loam, 0 to 2 TUD is pedon in Macon County	Map unit correlated 5/17/00.
		percent slopes	Illinois published report. Map
unit linked to DMU 45261			(also used in Champaign co).
jed	5/25/2000		
			Published symbol 330 changed to
330A with this correlation			and slope range added to map
unit name.			
28,262	43A	Ipava silt loam, 0 to 2 percent TUD is OSD pedon (Knox	Map unit correlated 5/17/00.
		slopes	County). DMU 28262 assigned
(same map unit as MLRA 108B			legend). jed
			5/18/2000
			Published symbol 43 changed to
43A with this correlation and			slope range added to map unit
name.			

46,234	440C2	Jasper loam, 5 to 10 percent	Map unit correlated 5/17/2000.
TUD is published vermillion		slopes, eroded	County published pedon. Map
unit is taxadjunct for thin			mollic colors. Soils are mollic
Hapludalfs rather than			Typic Argiudolls. Map unit
linked to DMU 46234 (also used			in will County). jed
5/25/2000			

Notes — Continued

Map			
<u>DMU id</u>	<u>symbol</u>	<u>Mapunit Name</u>	<u>Mapunit text notes</u>
41,891	481A	Raub silt loam, 0 to 2 percent	Map unit correlated 5/17/00.
TUD is published pedon in		slopes	Champaign County. Map unit
linked to DMU 41891 (also used			in Champaign County update
legend). jed	5/25/2000		
			Published symbol 481 changed to
481A with this correlation			and slope range added to map
unit name.			
43,821	496A	Fincastle silt loam, 0 to 2	Map unit correlated 5/17/00.
TUD is published pedon on		percent slopes	vermillion County survey report.
Map unit linked to DMU			43821 (also used in Moultrie
County). jed	5/25/2000		
			Published symbol 496 changed to
496A with this correlation			and slope range added to map
unit name.			
32,310	51A	Muscataune silt loam, 0 to 2	Map unit correlated 5/17/00.
TUD is OSD pedon in warren		percent slopes	County. DMU 32310 assigned
(same DMU as used in MLRA 108B			legend). jed 5/18/2000
			This map unit previously
correlated as Muscatine.			
42,026	533	Urban land	Map unit correlated 5/17/00.
Map unit linked to DMU 42026			

			the MLRA 108A data mapunit.
41,171	541B2	Graymont silt loam, 2 to 5 percent	Map unit correlated 5/17/00.
		TUD is Schuyler County pedon.	
		slopes, eroded	Map unit is taxadjunct for thin
		mollie colors. Soils	
			classify as Oxyaquic Hapludalfs
		rather than Oxyaquic	
			Argiudolls. Map unit linked to
		DMU 41171 (the MLRA 108B	
			legend DMU). jed 5/25/2000
46,321	567A	Elkhart silt loam, 0 to 2 percent	Map unit correlated 5/17/00.
		TUD is Schuyler County pedon.	
		slopes	Map unit linked to DMU 46321 (a
		copy of Schuyler County	
			published legend DMU 24327).
			jed 5/25/2000
29,430	567B	Elkhart silt loam, 2 to 5 percent	Map unit correlated 5/17/00.
		This map unit linked to DMU	
		slopes	29430 (DMU is edited and used
		for Woodford County "project"	
			legend). jed 5/25/2000
46,322	567B2	Elkhart silt loam, 2 to 5 percent	Map unit correlated 5/17/00.
		Map unit linked to DMU 46322	
		slopes, eroded	(newly created as copy of
		Schuyler County published legend	
			DMU). These soils are
		taxadjuncts for thin mollie colors.	
			They are mollie Hapludalfs
		rather than Typic Argiudolls.	
			jed 5/25/2000
43,924	56B2	Dana silt loam, 2 to 5 percent	Map unit correlated 5/17/00.
		Map unit is taxadjunct for	
		slopes, eroded	thin mollie colors. classifies
		as Oxyaquic Hapludalfs rather	
			than Oxyaquic Argiudolls. TUD
		is the County pedon. DMU	
			43924 is assigned (DMU used in
		Champaign County). jed	
			5/18/2000
46,299	56C2	Dana silt loam, 5 to 10 percent	DMU 46299 is copy of data map
		unit for 56C2 in published	
		slopes, eroded	Schuyler legend. jed 5/18/2000
			Map unit correlated 5/17/00.
		Map unit is taxadjunct for	
			thin mollie colors. it is
		Oxyaquic Hapludalfs rather than	

			Oxyaquic Argiudolls. not used for County TUD. DMU 46299
			46299 is copy of 56C2 data
			Schuyler legend. jed 5/18/2000
41,661	570D2	Martinsville silt loam, 10 to 18 percent slopes, eroded	Map unit correlated 5/17/00. TUD is Schuyler County pedon.
			slope range adjusted from 8 to 18 percent to 10 to 18 percent to agree with slope ranges of these landforms in MLRA 108.
			Map unit linked to DMU 41661 (also used in Champaign County update legend). jed 5/26/2000
41,074	59A	Lisbon silt loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is Bureau County pedon.
			DMU 41074 is assigned (same DMU as used on 108B legend). jed 5/18/2000
			The Published symbol 59 is changed to 59A with this correlation and slope range is added to map unit name.

Notes Continued

Map			
DMU id	symbol	Mapunit Name	Mapunit text notes
46,300	60B2	La Rose silt loam, 2 to 5 percent slopes, eroded	This map unit linked to DMU 46300 which is a copy of the legend. jed 5/18/2000
			60B2 DMU for published Schuyler legend. jed 5/18/2000
			Map unit correlated 5/17/00. TUD is pedon in published Schuyler report. Map unit is taxadjunct for thin mollie colors. Soils are mollie Hapludalfs rather than Typic Argiudolls.
			DMU 46300 created for this map unit from copy of DMU for

			60B2 on published Schuyler legend. jed 5/18/2000
41,075	60C2	La Rose silt loam, 5 to 10 percent slopes, eroded	Map unit correlated 5/17/00. Map unit linked to DMU 41075 (DMU on MLRA 108B legend). Map unit is taxadjunct for thin Hapludalfs rather than typic Argiudolls. jed 5/19/2000
41,076	60C3	La Rose clay loam, 5 to 10 percent slopes, severely eroded	Map unit correlated 5/17/00. Map unit linked to DMU 41076 (same pedon as 108B legend). Map unit is taxadjunct for thin Hapludalfs rather than Typic Argiudolls. jed 5/18/2000
41,077	60D2	La Rose silt loam, 10 to 18 percent slopes, eroded	Map unit correlated 5/17/00. Map unit linked to DMU 41077 (same DMU as used on the 108B legend). Map unit is taxadjunct for thin mollie colors. Soils are mollie Hapludalfs rather than Typic Argiudolls. jed 5/18/2000
46,323	614B	Chenoa silty clay loam, 2 to 5 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon in Livingston County. slope range adjusted from 1 to 3 percent in published report to 2 to 5 percent slope in this update legend. Map unit linked to DMU 46323 (newly created as copy of Livingston County published legend DMU 23897. jed 5/26/2000
29,435	614B2	Chenoa silty clay loam, 2 to 5 percent slopes, eroded	Map unit correlated 5/17/00. This map unit added to update legend to join with Woodford County. Map unit is linked to

			DMU 29435 (the Woodford County project legend DMU). jed
			5/26/2000
45,194	618B2	Senachwine silt loam, 2 to 5 percent slopes, eroded	Map unit correlated 5/17/00. This map unit previously correlated 27B2 Miami. Map unit is linked to DMU 45194 (also used in Moultrie County). jed 5/26/2000
43,907	618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded	Map unit correlated 5/17/00. This map unit previously correlated as 27C2 Miami loam. Surface texture changed from loam to silt loam with this correlation.
			Map unit linked to DMU 43907 (also used in Champaign County). jed 5/26/2000
43,908	618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	Map unit correlated 5/17/00. These soils previously correlated as 27D2 Miami loam. TUD is OSD pedon in Bureau County.
			Map unit is linked to DMU 43908 (also used in Champaign County). jed 5/26/2000
			slope range changed from previous 10 to 15 percent to current 10 to 18 percent and surface texture changed from loam to silt loam. These changes are consistent with these soils on these landform positions.
			Map unit is linked to DMU 43908 (also used in Champaign County). jed 5/26/2000

Notes -- Continued

Map DMU id	symbol	Mapunit Name	Mapunit text notes

43,909	618F	Senachwine silt loam, 18 to 35 percent slopes	Map unit correlated 5/17/00. previously correlated as documentation and land use
			(wooded) support slight erosion.
			slope range adjusted from previous 15 to 30 percent slopes.
			previously correlated as 27E2 Miami silt loam. These changes agree with these and other soils on similar landform positions.
			Map unit linked to DMU 43909 (also used in Champaign County). jed 5/26/2000
41,079	61A	Atterberry silt loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. TUD is pedon from Bureau 41079 (same DMU as used on 5/18/2000)
			County. Map unit linked to DMU the 108B legend). jed
			Published symbol 61 changed to 61A with this correlation and slope range added to map unit name.
45,258	622B2	Wyanet silt loam, 2 to 5 percent slopes, eroded	Map unit correlated 5/17/00. This map unit is correlated from 221B2 Parr unit (221B2) in the published report. Parr soils are Oxyaquic. These soils are Typic Argiudolls. These soils are taxadjuncts for thin mollic colors. They are mollic Hapludalfs rather than Typic Argiudolls.
			This mapunit linked to DMU 45258 (also used in Moultrie County and is the MLRA 108A DMU). jed 5/22/2000
43,910	622C2	Wyanet silt loam, 5 to 10 percent slopes, eroded	Map unit correlated 5/17/00. TUD is OSD pedon in Champaign 43910 (the DMU used in Champaign County and for the MLRA 108A legend). jed

			5/22/2000
			previously correlated as 221C2
		Parr silt loam. These soils	are taxadjuncts for thin mollie
		colors. They are mollic	
			Hapludalfs rather than Typic
		Argiudolls.	
			2221C Parr urban map unit also
		correlated into this unit	with this correlation.
32,687	663A	Clare silt loam, 0 to 2 percent	Map unit correlated 5/17/00.
		converted from 148A Proctor	
		slopes	units. County documentation
		supports Oxyaquic moisture	status rather than Typic. TUD
		is OSD pedon in DeKalb	County. Map unit assigned to
		DMU 32687 (also used in DeKalb	County).
			jed 5/19/2000
31,950	67A	Harpster silty clay loam, 0 to 2	Map unit correlated 5/17/00.
		TUD is OSD (Ford County).	
		percent slopes	Map unit linked to DMU 31950
		(also used in DuPage and	Champaign County). jed
			5/19/2000
			Published symbol 67 changed to
		67A with this correlation and	slope range added to map unit
		name.	
46,220	680A	Campton silt loam, 0 to 2 percent	Map unit correlated 5/17/00.
		This map unit previously	
		slopes	correlated as 243A St. Charles.
		documentation supports	Oxyaquic (Campton) rather than
		Typic (St. Charles).	
			This map unit linked to DMU
		46220 (also used in Kane update	legend). jed 5/26/2000

42,030	680B	Campton silt loam, 2 to 5 percent	Map unit correlated 5/17/00.
		This map unit previously	
		slopes	correlated as 243B St. Charles.
		documentation supports	
			Oxyaquic (Campton) rather than
		Typic (St. Charles).	
			TUD is Schuyler County pedon.
			This map unit linked to DMU
		42030 (also used in Champaign	County). jed 5/26/2000

Notes Continued

Map			
DMUid	symbol	Mapunit Name	Mapunit text notes
46,324	687B2	Penfield loam, 2 to 5 percent	Map unit correlated 5/17/00.
		This map unit previously	
		slopes, eroded	correlated as 440B2 Jasper.
		These soils are taxadjuncts	
			because of thin mollie colors.
		They classify as mollie	
			Hapludalfs rather than Typic
		Argiudolls.	
			TUD is Schuyler County pedon.
			Map unit linked to DMU 46324
		(newly created as edited copy	of Schuyler published legend DMU
		for jasper).	
29,016	68A	Sable silty clay loam, 0 to 2	Map unit correlated 5/17/00.
		TUD is OSD pedon in warren	
		percent slopes	County. Map unit was copied
		from 108B legend and edited.	
			AAC 6/30/00
			Published symbol 68 changed to
		68A with this correlation and	
			slope range added to map unit
			name.
46,325	715A	Arrowsmith silt loam, 0 to 2	Map unit correlated 5/17/00.
		These soils were previously	

		percent slopes	correlated 484 Harco. This new series created for cool
			mesic counterpart to Harco
		TUD is OSD pedon in	Schuyler County. Map unit
		linked to DMU 46325 (newly created	copy of Harco DMU on Schuyler
		County published legend). jed	5/25/2000
46,326	740A	Darroch loam, 0 to 2 percent	Map unit correlated 5/17/00.
		TUD is pedon in Schuyler County	published report. This map unit
		linked to DMU 46326 (newly	created copy of Schuyler
		slopes published legend DMU 24332). jed 5	2/26/2000
			Published symbol 740 changed to
		740A with this correlation	and slope range is added to the
		map unit name.	
43,914	802B	Orthents, loamy, undulating	Map unit correlated 5/17/00.
		Published symbol 802 changed	to 802B with this correlation
		and "undulating" added to the	map unit name.
			published map unit 801 Orthents,
		silty are also included	with this map unit with this
		correlation.	
46,331	8073A	Ross loam, 0 to 2 percent slopes,	Map unit correlated 5/17/00.
		TUD is pedon in Schuyler County.	This map unit is linked to DMU
		46331 (newly created as copy	of Schuyler County published
		legend DMU 24244). jed 6/2/2000	
			Published symbol 8073 changed to
		8073A with this correlation	and slope range added to map
		unit name.	
45,256	8077A	Huntsville silt loam, 0 to 2	Map unit correlated 5/17/00.
		TUD is Moultrie County pedon.	This map unit is linked to DMU
		percent slopes, occasionally	County update). jed 6/2/2000
		45256 (also used in Moultrie	
		flooded	

			Published symbol 8077 changed to 8077A with this correlation
			and slope range added to map unit name.
46,332	8107A	Sawmill silty clay loam, 0 to 2 percent slopes, occasionally flooded	Map unit correlated 5/17/00. This map unit is linked to DMU 46332 (newly created as copy of published legend DMU in De Witt County). The soils in map unit 2892 Sawmill-Lawson correlated with this map unit with this correlation. jed 6/2/2000
			Published symbol 8107 changed to 8107A with this correlation
			and slope range added to map unit name.
29,087	8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded	Map unit correlated 5/17/00. TUD is pedon in Fulton County to DMU 29087 (also used as rep DMU on MLRA 108B legend). jed 6/2/2000
			Published symbol 8415 changed to 8415A with this correlation
			and slope range added to map unit name.

Notes — Continued

Map			
DMU id	symbol	Mapunit Name	Mapunit text notes
30,879	8451A	Lawson silt loam, 0 to 2 percent slopes, occasionally flooded	Map unit correlated 5/17/00. This map unit linked to DMU 30879 (also used on MLRA 108B legend). jed 6/2/2000
			Published symbol 8451 changed to 8451A with this correlation
			and slope range added to map unit name.
43,941	865	Pits, gravel	Map unit correlated 5/17/00.

41,083	86A	Osce silt loam, 0 to 2 percent slopes	Map unit correlated 5/17/00. Map unit linked to MLRA 108B DMU 41083. jed 5/19/2000
			This map unit previously correlated as 36A Tama sil.
30,777	86B	Osce silt loam, 2 to 5 percent slopes	Map unit correlated 5/17/00. TUD is OSD pedon (Carroll County). Map unit linked to MLRA 108B DMU 30777. jed 5/19/2000
			This map unit previously correlated as 36B Tama
41,085	86B2	Osce silt loam, 2 to 5 percent slopes, eroded	Map unit correlated 5/17/00. Map unit is taxadjunct because of thin mollie colors. Soils are mollie Hapludalfs instead of Typic Argiudolls. Map unit linked to MLRA 108B DMU 41085. jed 5/19/2000
			Map unit previously correlated 36B2 Tama.
46,327	893B	Catlin Saybrook silt loams, 2 to 5 percent slopes	Map unit correlated 5/17/00. This map unit previously correlated with urbanland as named component and published symbol 2893B. This correlation drops urban land which is consistent with Illinois guidelines for mapping urban areas in update surveys.
46327		(newly created DMU built from edited components of Catlin and Saybrook on this legend).	This map unit is linked to DMU jed 5/26/2000
46,328	902A	Ipava Sable complex, 0 to 2 percent slopes	Map unit correlated 5/17/00. This map unit previously correlated with urbanland as named component and published

			symbol 2902A. This correlation
drops urban land which is			
guidelines for mapping urban areas			consistent with Illinois
			in update surveys.
46328 (newly created DMU			This map unit is linked to DMU
Ipava and sable mapunits on			built from edited components of
			this legend). jed 5/26/2000
43,917 91B2 Swygert silty clay loam, 2 to 4			Map unit correlated 5/17/00.
TUD is pedon in Livingston			
		percent slopes, eroded	County. Map unit linked to DMU
43917 (also used in			Champaign County). jed
5/19/2000			
46,329 MW Miscellaneous water			Map unit correlated 5/17/00.
This unit was previously			
			correlated as SL Sewage lagoons.
the map unit is linked to			
			DMU 46329 (newly created as copy
of DMU for sewage lagoons			on the Schuyler County published
			legend). jed 5/26/2000
24,343 W Water			Map unit correlated 5/17/00.

LIST OF REPRESENTATIVE MAP UNITS (05-17-2000)
Schuyler COUNTY SUBSET
MLRAs 108A, 110, and 115C

Note: map units in bold represent the subset taxonomic unit

* This map unit was added to the legend for use along county lines to achieve an exact join.

Prime Farmland
Schuyler County, Illinois

(Only the soils considered prime farmland are listed. Urban or built-up areas of the soils listed are not considered prime farmland. If a soil is prime farmland only under certain conditions, the conditions are specified in parentheses after the soil name.)

Map symbol	Soil map unit name
17A	Keomah silt loam, 0 to 2 percent slopes (Prime farmland if drained)
17B	Keomah silt loam, 2 to 5 percent slopes
43A	Ipava silt loam, 0 to 2 percent slopes
43B	Ipava silt loam, 2 to 5 percent slopes
50A	Viriden silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
68A	Sable silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
86B	Oscos silt loam, 2 to 5 percent slopes
206A	Thorp silt loam, 0 to 2 percent slopes (Prime farmland if drained)
242A	Kendall silt loam, 0 to 2 percent slopes (Prime farmland if drained)
243B	St. Charles silt loam, 2 to 5 percent slopes
257A	Clarksdale silt loam, 0 to 2 percent slopes (Prime farmland if drained)
257B	Clarksdale silt loam, 2 to 5 percent slopes
279B	Rozetta silt loam, 2 to 5 percent slopes
280B	Fayette silt loam, 2 to 5 percent slopes
280B2	Fayette silt loam, 2 to 5 percent slopes, eroded
675B	Greenbush silt loam, 2 to 5 percent slopes
699A	Timewell silt loam, 0 to 2 percent slopes
824B	Swanwick silt loam, 2 to 5 percent slopes
855A	Timewell and Ipava soils, 0 to 2 percent slopes
855B	Timewell and Ipava soils, 2 to 5 percent slopes
872B	Rapatee silty clay loam, 1 to 7 percent slopes
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3284A	Tice silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3404A	Titus silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)

Map symbol	Soil map unit name
3634A	Blyton silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
7087B	Dickinson sandy loam, 2 to 5 percent slopes, rarely flooded
7242A	Kendall silt loam, 0 to 2 percent slopes, rarely flooded (Prime farmland if drained)
7430B	Raddle silt loam, 2 to 5 percent slopes, rarely flooded
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8071A	Darwin silty clay, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8104A	Virgil silt loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded
8336A	Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded
8396A	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8404A	Titus silty clay loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
9279B	Rozetta silt loam, terrace, 2 to 5 percent slopes

~~(Only the soils considered prime farmland are listed. Urban or built-up areas of the soils listed are not considered prime farmland. If a soil is prime farmland only under certain conditions, the conditions are specified in parentheses after the soil name.)~~

Map symbol	Soil name
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- ~~17A Keomah silt loam, 0 to 2 percent slopes (Prime farmland if drained)~~
- ~~43A Ipava silt loam, 0 to 2 percent slopes~~
- ~~51A Muscatune silt loam, 0 to 2 percent slopes~~
- ~~56B2 Dana silt loam, 2 to 5 percent slopes, eroded~~
- ~~59A Lisbon silt loam, 0 to 2 percent slopes~~
- ~~60B2 La rose silt loam, 2 to 5 percent slopes, eroded~~
- ~~61A Atterberry silt loam, 0 to 2 percent slopes (Prime farmland if drained)~~
- ~~67A Harpster silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)~~
- ~~68A Sable silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)~~
- ~~86A Osco silt loam, 0 to 2 percent slopes~~
- ~~86B Osco silt loam, 2 to 5 percent slopes~~
- ~~86B2 Osco silt loam, 2 to 5 percent slopes, eroded~~
- ~~91B2 Swygert silty clay loam, 2 to 4 percent slopes, eroded~~
- ~~125A Selma loam, 0 to 2 percent slopes (Prime farmland if drained)~~
- ~~134B2 Camden silt loam, 2 to 5 percent slopes, eroded~~
- ~~145B Saybrook silt loam, 2 to 5 percent slopes~~
- ~~145B2 Saybrook silt loam, 2 to 5 percent slopes, eroded~~
- ~~146A Elliott silt loam, 0 to 2 percent slopes~~
- ~~148B2 Proctor silt loam, 2 to 5 percent slopes, eroded~~
- ~~149A Brenton silt loam, 0 to 2 percent slopes~~
- ~~152A Drummer silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)~~
- ~~154A Flanagan silt loam, 0 to 2 percent slopes~~
- ~~171B Catlin silt loam, 2 to 5 percent slopes~~
- ~~171B2 Catlin silt loam, 2 to 5 percent slopes, eroded~~

~~193B2 Mayville silt loam, 2 to 5 percent slopes, eroded~~
~~198A Elburn silt loam, 0 to 2 percent slopes~~
~~199A Plano silt loam, 0 to 2 percent slopes~~
~~199B Plano silt loam, 2 to 5 percent slopes~~
~~199B2 Plano silt loam, 2 to 5 percent slopes, eroded~~
~~213A Normal silt loam, 0 to 2 percent slopes (Prime farmland if drained)~~
~~223B2 Varna silt loam, 2 to 4 percent slopes, eroded~~
~~223C2 Varna silt loam, 4 to 6 percent slopes, eroded~~
~~232A Ashkum silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)~~
~~233B Birkbeck silt loam, 2 to 5 percent slopes~~
~~233B2 Birkbeck silt loam, 2 to 5 percent slopes, eroded~~
~~236A Sabina silt loam, 0 to 2 percent slopes (Prime farmland if drained)~~
~~244A Hartsburg silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)~~
~~272A Edgington silt loam, 0 to 2 percent slopes (Prime farmland if drained)~~
~~279B2 Rozetta silt loam, 2 to 5 percent slopes~~
~~290A Warsaw silt loam, 0 to 2 percent slopes~~
~~290B2 Warsaw silt loam, 2 to 5 percent slopes, eroded~~
~~293A Andres silt loam, 0 to 2 percent slopes~~

~~Prime Farmland - Continued~~

Map symbol	Soil name
294B	Symerton silt loam, 2 to 5 percent slopes
318B2	Lorenzo silt loam, 2 to 5 percent slopes, eroded
322B2	Russell silt loam, 2 to 5 percent slopes, eroded
327B2	Fox silt loam, 2 to 5 percent slopes, eroded
330A	Peotone silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
481A	Raub silt loam, 0 to 2 percent slopes
496A	Fincastle silt loam, 0 to 2 percent slopes (Prime farmland if drained)
541B2	Craymont silt loam, 2 to 5 percent slopes, eroded
567A	Elkhart silt loam, 0 to 2 percent slopes
567B	Elkhart silt loam, 2 to 5 percent slopes
567B2	Elkhart silt loam, 2 to 5 percent slopes, eroded
614B	Chenoa silty clay loam, 2 to 5 percent slopes
614B2	Chenoa silty clay loam, 2 to 5 percent slopes, eroded
618B2	Senachwine silt loam, 2 to 5 percent slopes, eroded
622B2	Wyanet silt loam, 2 to 5 percent slopes, eroded
663A	Clare silt loam, 0 to 2 percent slopes
680A	Campton silt loam, 0 to 2 percent slopes
680B	Campton silt loam, 2 to 5 percent slopes
687B2	Penfield loam, 2 to 5 percent slopes, eroded
715A	Arrowsmith silt loam, 0 to 2 percent slopes
740A	Darroch loam, 0 to 2 percent slopes
8107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
8073A	Ross loam, 0 to 2 percent slopes, occasionally flooded
8077A	Huntsville silt loam, 0 to 2 percent slopes, occasionally flooded
8107A	Sawmill silty clay loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8451A	Lawson silt loam, 0 to 2 percent slopes, occasionally flooded

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Classification of the Soils of
Schuyler County, Illinois

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

Soil name	Family or higher taxonomic class
Atlas	Fine, smectitic, mesic Aeric Chromic Vertic Epiaqualfs
Beaucoup	Fine-silty, mixed, superactive, mesic Fluvaquentic Endoaquolls
Bloomfield	Sandy, mixed, mesic Lamellic Hapludalfs
Blyton	Coarse-silty, mixed, superactive, nonacid, mesic Oxyaquic Udifluvents
Clarksdale	Fine, smectitic, mesic Udollic Endoaqualfs
Darwin	Fine, smectitic, mesic Fluvaquentic Vertic Endoaquolls
Dickinson	Coarse-loamy, mixed, superactive, mesic Typic Hapludolls
Drury	Fine-silty, mixed, superactive, mesic Dystric Eutrudepts
Fayette	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Fishhook	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
Greenbush	Fine-silty, mixed, superactive, mesic Mollic Hapludalfs
Hickory	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Huntsville	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls
Ipava	Fine, smectitic, mesic Aquic Argiudolls
*Keller	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Kendall	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Keomah	Fine, smectitic, mesic Aeric Endoaqualfs
*Lenzburg	Fine-loamy, mixed, active, calcareous, mesic Haplic Udarents
Marseilles	Fine-silty, mixed, active, mesic Typic Hapludalfs
Martinsville	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Navlys	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Oakville	Mixed, mesic Typic Udipsamments
Orion	Coarse-silty, mixed, superactive, nonacid, mesic Aquic Udifluvents
Orthents	Fine-loamy, mixed, active, nonacid, mesic Typic Uorthents
Osco	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Quiver	Fine-silty, mixed, superactive, nonacid, mesic Mollic Fluvaquents
Raddle	Fine-silty, mixed, superactive, mesic Typic Hapludolls
Rapatee	Fine-silty, mixed, superactive, nonacid, mesic Mollic Udarents
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
Seaton	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
St. Charles	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Swanwick	Fine-silty, mixed, active, nonacid, mesic Alfic Udarents
Sylvan	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Thorp	Fine-silty, mixed, superactive, mesic Argiaquic Argialbolls
Tice	Fine-silty, mixed, superactive, mesic Fluvaquentic Hapludolls
Timewell	Fine, smectitic, mesic Aquic Argiudolls
Timula	Coarse-silty, mixed, superactive, mesic Typic Eutrudepts
Titus	Fine, smectitic, mesic Vertic Endoaquolls
Ursa	Fine, smectitic, mesic Chromic Vertic Hapludalfs
Vesser	Fine-silty, mixed, superactive, mesic Argiaquic Argialbolls
Virden	Fine, smectitic, mesic Vertic Argiaquolls
Virgil	Fine-silty, mixed, superactive, mesic Udollic Endoaqualfs
Wakeland	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Wilbur	Coarse-silty, mixed, superactive, mesic Fluvaquentic Eutrudepts

Certification Statement

The MLRA Region 11 Team Leader certifies that:

- a. The fieldwork activities were completed in 4th quarter FY 2000.
- b. Schuyler County joins five modern soil surveys:

- Adams County - Update survey to be certified 2001
- Brown County - Modern soil survey (1998)
- Fulton County - Project/update survey to be certified 2001
- Hancock County - Modern soil survey to be published 2001
- McDonough County - Modern soil survey (1997)

An exact join has been completed with Adams, Fulton, and McDonough Counties. The remaining counties have an acceptable join and will have an exact join when they are 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 Schuyler County but are within other subsets of the MLRA.
- 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 Date
State Conservationist
Champaign, Illinois