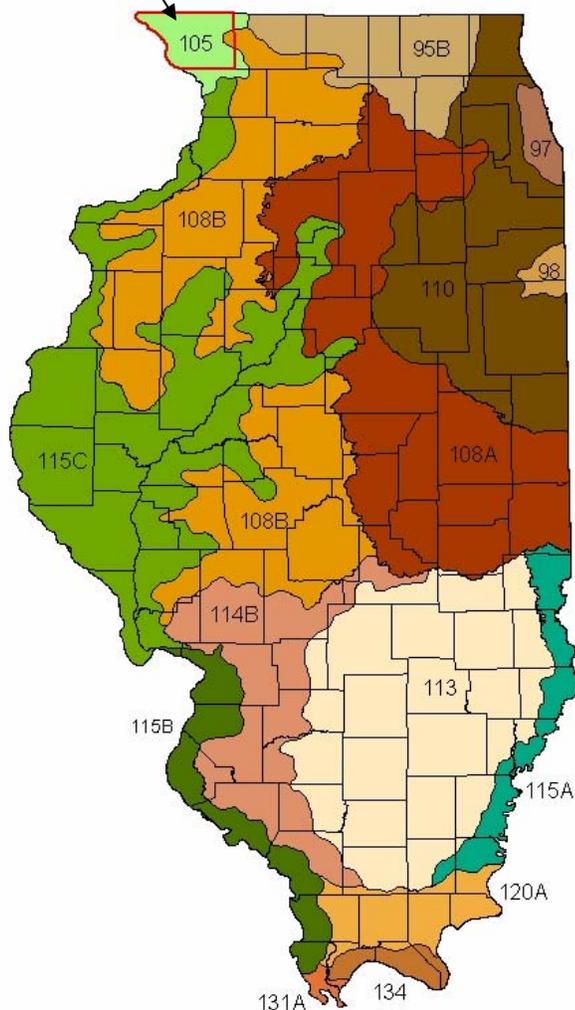


Classification and Correlation of Soils in Jo Daviess County, Illinois

A Subset of MLRAs 105 and 108B

February, 2008

Jo Daviess
County



- 95B-- Southern Wisconsin and Northern Illinois Drift Plain
- 97--Southwestern Michigan Fruit and Truck Crop Belt
- 98--Southern Michigan and Northern Indiana Drift Plain
- 105--Northern Mississippi Valley Loess Hills
- 108A--Illinois and Iowa Deep Loess and Drift, Eastern Part
- 108B--Illinois and Iowa Deep Loess and Drift, East-Central Part
- 110--Northern Illinois and Indiana Heavy Till Plain
- 113--Central Claypan Areas
- 114B--Southern Illinois and Indiana Thin Loess and Till Plain, Western Part
- 115A--Central Mississippi Valley Wooded Slopes, Eastern Part
- 115B--Central Mississippi Valley Wooded Slopes, Western Part
- 115C--Central Mississippi Valley Wooded Slopes, Northern Part
- 120A--Kentucky and Indiana Sandstone and Shale Hills and Valleys, Southern Part
- 131A--Southern Mississippi Valley Alluvium
- 134--Southern Mississippi Valley Loess

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**UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE**

**CLASSIFICATION AND CORRELATION
OF THE SOILS OF
JO DAVIESS COUNTY, ILLINOIS**

**A subset of Major Land Resource Areas
105-Northern Mississippi Valley Loess Hills
108B-Illinois and Iowa Deep Loess and Drift, East Central Part
February 2008**

Introduction

This correlation was prepared by Frank Heisner in January 2008. It was prepared as part of the recertification of the soil survey of Jo Daviess County. This update is a subset of MLRAs 105 and 108B. Prior to publishing this correlation memorandum, a draft was critically reviewed by Ron Collman, Soil Scientist on the Illinois State Office Staff. The final draft of this correlation was prepared by Tom Neuenfeldt, Soil Data Quality Specialist, on the MLRA Region 10 Staff, St. Paul, Minnesota in February 2008.

Headnote for Detailed Soil Survey Legend

Map units and their symbols and special and conventional symbols are consistent between subsets that are updated. Map unit symbols consist of number, or combinations of numbers and letters. The initial numbers represent the kind of soil. A capital letter following those numbers indicates the slope class. A final number of 2 following the slope letter indicates that the soil is moderately eroded, and a number 3 indicates that the soil is severely eroded. Absence of a number following the slope class indicates the soil is slightly eroded or non-eroded. Map symbols without a capital letter indicate miscellaneous land types.

Field and Publication Map Unit Symbols and Map Unit Names

Jo Davies County, Illinois
Detailed Soil Map Unit Legend - Sorted by Field Symbol

Field symbols	Field map unit name	Publication symbol	Approved map unit name
29C2	Dubuque silt loam, 5 to 10 percent slopes, eroded	29C2	Dubuque silt loam, 5 to 10 percent slopes, eroded
29C2	Dubuque silt loam, 4 to 10 percent slopes, eroded		
29D2	Dubuque silt loam, 10 to 18 percent slopes, eroded	29D2	Dubuque silt loam, 10 to 18 percent slopes, eroded
29D2	Dubuque silt loam, 10 to 15 percent slopes, eroded		
41B	Muscatine silt loam, 1 to 3 percent slopes	51B	Muscatine silt loam, 2 to 5 percent slopes
51B	Muscatine silt loam, 2 to 5 percent slopes		
53D	Bloomfield loamy fine sand, 7 to 15 percent slopes	53D	Bloomfield loamy fine sand, 7 to 15 percent slopes
61B	Atterberry silt loam, 1 to 3 percent slopes	61B	Atterberry silt loam, 2 to 5 percent slopes
61B	Atterberry silt loam, 2 to 5 percent slopes		
68	Sable silty clay loam	68A	Sable silty clay loam, 0 to 2 percent slopes
68A	Sable silty clay loam, 0 to 2 percent slopes		
36B	Tama silt loam, 2 to 5 percent slopes	86B	Osco silt loam, 2 to 5 percent slopes
86B	Osco silt loam, 2 to 5 percent slopes		
36C	Tama silt loam, 5 to 10 percent slopes	86C	Osco silt loam, 5 to 10 percent slopes
86C	Osco silt loam, 5 to 10 percent slopes		
87A	Dickinson fine sandy loam, 0 to 3 percent slopes	87A	Dickinson sandy loam, 0 to 2 percent slopes
87A	Dickinson sandy loam, 0 to 2 percent slopes		
88B	Sparta loamy sand, 1 to 6 percent slopes	88B	Sparta loamy sand, 1 to 6 percent slopes
88B	Sparta loamy sand, 1 to 7 percent slopes		
88C	Sparta loamy sand, 6 to 12 percent slopes	88C	Sparta loamy sand, 6 to 12 percent slopes
88D	Sparta loamy sand, 7 to 15 percent slopes		
119C2	Elco silt loam, 5 to 10 percent slopes, eroded	119C2	Elco silt loam, 5 to 10 percent slopes, eroded
172	Hoopston loam	172A	Hoopston sandy loam, 0 to 2 percent slopes
172A	Hoopston sandy loam, 0 to 2 percent slopes		
175B	Lamont fine sandy loam, 1 to 7 percent slopes	175B	Lamont fine sandy loam, 2 to 5 percent slopes
175B	Lamont fine sandy loam, 2 to 5 percent slopes		
175D2	Lamont fine sandy loam, 7 to 15 percent slopes, eroded	175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded
175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded		

261	Niota silt loam	261A	Niota silt loam, 0 to 2 percent slopes
261A	Niota silt loam, 0 to 2 percent slopes		
274B2	Seaton silt loam, 2 to 5 percent slopes, eroded	274B2	Seaton silt loam, 2 to 5 percent slopes, eroded
274C2	Seaton silt loam, 5 to 10 percent slopes, eroded	274C2	Seaton silt loam, 5 to 10 percent slopes, eroded
274D2	Seaton silt loam, 10 to 18 percent slopes, eroded	274D2	Seaton silt loam, 10 to 18 percent slopes, eroded
274D2	Seaton silt loam, 10 to 15 percent slopes, eroded		
274E2	Seaton silt loam, 18 to 25 percent slopes, eroded	274E2	Seaton silt loam, 18 to 25 percent slopes, eroded
274E2	Seaton silt loam, 15 to 25 percent slopes, eroded		
274F	Seaton silt loam, 18 to 35 percent slopes	274F	Seaton silt loam, 18 to 35 percent slopes
274F	Seaton silt loam, 25 to 45 percent slopes		
278B	Stronghurst silt loam, 2 to 5 percent slopes	278B	Stronghurst silt loam, 2 to 5 percent slopes
278B	Stronghurst silt loam, 1 to 3 percent slopes		
279B	Rozetta silt loam, 2 to 5 percent slopes	279B	Rozetta silt loam, 2 to 5 percent slopes
279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded	279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded
279D2	Rozetta silt loam, 10 to 18 percent slopes, eroded	279D2	Rozetta silt loam, 10 to 18 percent slopes, eroded
279D2	Rozetta silt loam, 10 to 15 percent slopes, eroded		
280B	Fayette 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		
280B2	Fayette silt loam, 2 to 5 percent slopes, eroded	280B2	Fayette silt loam, 2 to 5 percent slopes, eroded
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded	280C2	Fayette silt loam, 5 to 10 percent slopes, eroded
280D2	Fayette silt loam, 10 to 15 percent slopes, eroded	280D2	Fayette silt loam, 10 to 18 percent slopes, eroded
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded		
280F	Fayette silt loam, 18 to 35 percent slopes	280F	Fayette silt loam, 18 to 35 percent slopes
280F	Fayette silt loam, 25 to 40 percent slopes		
280E2	Fayette silt loam, 15 to 25 percent slopes, eroded	280F2	Fayette silt loam, 18 to 35 percent slopes, eroded
280F2	Fayette silt loam, 18 to 35 percent slopes, eroded		
403D	Elizabeth silt loam, 7 to 15 percent slopes	403D	Elizabeth silt loam, 7 to 15 percent slopes

417B	Derinda silt loam, 2 to 5 percent slopes	417B	Derinda silt loam, 2 to 5 percent slopes
417C2	Derinda silt loam, 5 to 10 percent slopes, eroded	417C2	Derinda silt loam, 5 to 10 percent slopes, eroded
417D2	Derinda silt loam, 10 to 18 percent slopes, eroded	417D2	Derinda silt loam, 10 to 18 percent slopes, eroded
417D2	Derinda silt loam, 10 to 15 percent slopes, eroded		
417E2	Derinda silt loam, 15 to 25 percent slopes, eroded		
417E2	Derinda silt loam, 15 to 25 percent slopes, eroded	417E2	Derinda silt loam, 18 to 25 percent slopes, eroded
417E2	Derinda silt loam, 18 to 25 percent slopes, eroded		
417F	Derinda silt loam, 25 to 45 percent slopes	417F	Derinda silt loam, 25 to 45 percent slopes
418B	Schapville silt loam, 2 to 5 percent slopes	418B	Schapville silt loam, 2 to 5 percent slopes
418C2	Schapville silt loam, 5 to 10 percent slopes, eroded	418C2	Schapville silt loam, 5 to 10 percent slopes, eroded
418D2	Schapville silt loam, 10 to 15 percent slopes, eroded	418D2	Schapville silt loam, 10 to 18 percent slopes, eroded
418D2	Schapville silt loam, 10 to 18 percent slopes, eroded		
419B	Flagg silt loam, 2 to 5 percent slopes	419B	Flagg silt loam, 2 to 5 percent slopes
419B2	Flagg silt loam, 2 to 5 percent slopes, eroded		
419C2	Flagg silt loam, 5 to 10 percent slopes, eroded	419C2	Flagg silt loam, 5 to 10 percent slopes, eroded
429B	Palsgrove silt loam, 2 to 5 percent slopes	429B	Palsgrove silt loam, 2 to 5 percent slopes
429B2	Palsgrove silt loam, 2 to 5 percent slopes, eroded		
429C2	Palsgrove silt loam, 5 to 10 percent slopes, eroded	429C2	Palsgrove silt loam, 5 to 10 percent slopes, eroded
429D2	Palsgrove silt loam, 10 to 15 percent slopes, eroded	429D2	Palsgrove silt loam, 10 to 18 percent slopes, eroded
429D2	Palsgrove silt loam, 10 to 18 percent slopes, eroded		
429E2	Palsgrove silt loam, 15 to 25 percent slopes, eroded	429E2	Palsgrove silt loam, 18 to 25 percent slopes, eroded
429E2	Palsgrove silt loam, 18 to 25 percent slopes, eroded		
536	Dumps, mine	536	Dumps, mine
540C	Frankville silt loam, 4 to 10 percent slopes	540C	Frankville silt loam, 4 to 10 percent slopes
540C2	Frankville silt loam, 4 to 10 percent slopes, eroded		
547C2	Eleroy silt loam, 5 to 10 percent slopes, eroded	547C2	Eleroy silt loam, 5 to 10 percent slopes, eroded

547D2	Eleroy silt loam, 10 to 18 percent slopes, eroded	547D2	Eleroy silt loam, 10 to 18 percent slopes, eroded
547D2	Eleroy silt loam, 10 to 15 percent slopes, eroded		
547E2	Eleroy silt loam, 18 to 25 percent slopes, eroded	547E2	Eleroy silt loam, 18 to 25 percent slopes, eroded
547E2	Eleroy silt loam, 15 to 25 percent slopes, eroded		
565B	Tell silt loam, 2 to 5 percent slopes	565B	Tell silt loam, 2 to 5 percent slopes
565C2	Tell silt loam, 5 to 10 percent slopes, eroded	565C2	Tell silt loam, 5 to 10 percent slopes, eroded
569C2	Medary silty clay loam, 3 to 12 percent slopes, eroded	569C2	Medary silty clay loam, 3 to 12 percent slopes, eroded
569F2	Medary silty clay loam, 15 to 45 percent slopes, eroded	569F2	Medary silty clay loam, 15 to 45 percent slopes, eroded
572B	Loran silty clay loam, 3 to 7 percent slopes	572B	Loran silty clay loam, 3 to 7 percent slopes
576	Zwingle silt loam	576A	Zwingle silt loam, 0 to 2 percent slopes
576A	Zwingle silt loam, 0 to 2 percent slopes		
27D2	Miami silt loam, 10 to 15 percent slopes, eroded	618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
618D2	Senachwine silt loam, 10 to 18 percent slopes		
386B	Downs silt loam, 2 to 5 percent slopes	675B	Greenbush silt loam, 2 to 5 percent slopes
675B	Greenbush silt loam, 2 to 5 percent slopes		
386C2	Downs silt loam, 5 to 10 percent slopes, eroded	675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded		
681E	Dubuque-Orthents-Fayette complex, 12 to 25 percent slopes, pitted	681E	Dubuque-Orthents-Fayette complex, 12 to 25 percent slopes, pitted
689F	Coloma sand, 20 to 30 percent slopes	689F	Coloma sand, 20 to 30 percent slopes
779F	Chelsea loamy fine sand, 20 to 45 percent slopes		
731B	Nasset silt loam, 2 to 5 percent slopes	731B	Nasset silt loam, 2 to 5 percent slopes
731C2	Nasset silt loam, 5 to 10 percent slopes, eroded	731C2	Nasset silt loam, 5 to 10 percent slopes, eroded
731D2	Nasset silt loam, 10 to 15 percent slopes, eroded	731D2	Nasset silt loam, 10 to 18 percent slopes, eroded
731D2	Nasset silt loam, 10 to 18 percent slopes, eroded		
732B	Appleriver silt loam, 2 to 5 percent slopes	732B	Appleriver silt loam, 2 to 5 percent slopes
745B	Shullsburg silt loam, 3 to 7 percent slopes	745B	Shullsburg silt loam, 2 to 5 percent slopes
745B	Shullsburg silt loam, 2 to 5 percent slopes		

753B	Massbach silt loam, 2 to 5 percent slopes	753B	Massbach silt loam, 2 to 5 percent slopes
753C2	Massbach silt loam, 5 to 10 percent slopes, eroded	753C2	Massbach silt loam, 5 to 10 percent slopes, eroded
753D2	Massbach silt loam, 10 to 15 percent slopes, eroded	753D2	Massbach silt loam, 10 to 18 percent slopes, eroded
753D2	Massbach silt loam, 10 to 18 percent slopes, eroded		
755F2	Lamoille silt loam, 15 to 30 percent slopes, eroded	755F2	Lamoille silt loam, 18 to 35 percent slopes, eroded
755F2	Lamoille silt loam, 18 to 35 percent slopes, eroded		
779F	Chelsea loamy fine sand, 20 to 45 percent slopes	779F	Chelsea loamy fine sand, 20 to 45 percent slopes
785F	Lacrescent cobbly silt loam, 18 to 35 percent slopes	785F	Lacrescent cobbly silt loam, 18 to 35 percent slopes
785F	Lacrescent silt loam, 15 to 30 percent slopes		
785G	Lacrescent cobbly silt loam, 25 to 60 percent slopes	785G	Lacrescent cobbly silt loam, 25 to 60 percent slopes
785G	Lacrescent silty clay loam, 30 to 50 percent slopes		
800	Psammments, nearly level	800	Psammments, nearly level
801B	Orthents silty, undulating	801B	Orthents silty, undulating
802E	Orthents, loamy, hilly	802E	Orthents, loamy, hilly
802F	Orthents loamy, steep		
864	Pits, quarries	864	Pits, quarries
873D2	Dunbarton-Dubuque silt loams, 7 to 15 percent slopes, eroded	873D2	Dunbarton-Dubuque silt loams, 7 to 15 percent slopes, eroded
873E2	Dunbarton-Dubuque silt loams, 18 to 25 percent slopes, eroded	873E2	Dunbarton-Dubuque silt loams, 18 to 25 percent slopes, eroded
905F	Newglarus-Lamoille silt loams, 15 to 35 percent slopes	905F	Newglarus-Lamoille silt loams, 18 to 35 percent slopes
905F	Newglarus-Lamoille silt loams, 18 to 35 percent slopes		
928D2	Newglarus-Palsgrove silt loams, 7 to 15 percent slopes, eroded	928D2	Newglarus-Palsgrove silt loams, 10 to 18 percent slopes, eroded
928D2	Newglarus-Palsgrove silt loams, 10 to 18 percent slopes, eroded		
1334	Birds silt loam, wet	1334A	Birds silt loam, undrained, 0 to 2 percent slopes, frequently flooded
1334A	Birds silt loam, undrained, 0 to 2 percent slopes, frequently flooded		
3077	Huntsville silt loam, frequently flooded	3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded		

3333	Wakeland silt loam, frequently flooded	3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded		
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded
8415	Orion silt loam, occasionally flooded		
3451	Lawson silt loam, frequently flooded	3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded		
3579	Beavercreek silt loam, frequently flooded	3579A	Beavercreek silt loam, 0 to 2 percent slopes, frequently flooded
3579A	Beavercreek silt loam, 0 to 2 percent slopes, frequently flooded		
7430B	Raddle silt loam, 2 to 5 percent slopes, rarely flooded	7430B	Raddle silt loam, 2 to 5 percent slopes, rarely flooded
7430B	Raddle silt loam, 1 to 4 percent slopes, rarely flooded		
8070	Beaucoup silty clay loam, occasionally flooded	8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded		
8239	Dorchester silt loam, occasionally flooded	8239A	Dorchester silt loam, 0 to 2 percent slopes, occasionally flooded
8239A	Dorchester silt loam, 0 to 2 percent slopes, occasionally flooded		
8284	Tice silt loam, occasionally flooded	8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded
8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded		
8366	Alganssee fine sandy loam, occasionally flooded	8366A	Alganssee fine sandy loam, 0 to 2 percent slopes, occasionally flooded
8366A	Alganssee fine sandy loam, 0 to 2 percent slopes, occasionally flooded		
8415	Orion silt loam, occasionally flooded	8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded		
M-W	Miscellaneous water	M-W	Miscellaneous water
W	Water	W	Water

Series Established by this Correlation

None

Series or Components Added to the Previous Correlated Legend

Coloma, Greenbush, Miscellaneous Water, Muscatune, Osco, and Senachwine

Series or Components Dropped from the Previous Correlated Legend

Downs, Miami, Muscatine, and Tama

Series made inactive

None

Verification of Exact Cooperators' Names and Credits

United States Department of Agriculture
Natural Resources Conservation Service
In Cooperation with
Illinois Agricultural Experiment Station

The cooperators to be listed on the inside of the front cover are the same as those on the front cover and in addition state: Financial assistance was made available by the Jo Daviess County Board and the Illinois Department of Agriculture.

Prior Soil Survey Publication

The prior soil survey of Jo Daviess County, Illinois was published in 1996 as "Soil Survey of Jo Daviess County, Illinois".

This survey updates the joins with soils in MLRAs 105 and 108B and soil interpretations and places the soils information on 1:12,000 scale USGS Digital Ortho Quarter Quad sheets.

Disposition of Field Sheets

The soil maps have been photographically enlarged from a scale of 1:15,840 to a scale of 1:12,000. Compiled maps, locator maps, and field maps are in the MLRA office in Rock Falls, Illinois.

Copies of a computer tape of the digital product for Jo Daviess County will remain at the state office, be certified for SSURGO at the Fort Worth, TX Digitizing Unit, and be provided to the Jo Daviess County Board as part of the cost-share cooperative agreement.

Instructions for Map Compilation and Map Finishing

Map recompilation was completed by the Rock Falls MLRA staff using the original field sheets. The recompiled maps and supporting documentation were forwarded to the NRCS Digitizing Center in Salina, Kansas.

Symbols for map finishing will be those approved for SSURGO as shown in this document.

Conventional and Special Symbols Legend

Only those symbols indicated on the attached NRCS-SOILS-37A (5/01) will be placed on the maps.

Special Symbols for Soil Survey & SSURGO - SOI-37A (05/2001)

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

DATE: September 2007

Jo Daviess Co., IL

**CONVENTIONAL AND SPECIAL
SYMBOLS LEGEND**

SOIL SURVEY FEATURES

SOIL DELINEATIONS AND SYMBOLS	
Dumps and other similar non soil areas	
Escarpment, bedrock	
Escarpment, nonbedrock	
Gravel pit	
Levee	
Mine or quarry	
Rock outcrop	
Sandy spot	
Short steep slope	
Sinkhole	
Stony spot	
Very stony spot	

AD HOC FEATURES

Calcareous spot	
Glacial till spot	
Hand dug mine	
Muck spot	

CULTURAL FEATURES

BOUNDARIES

National, state, or providence	
County or parish	
Reservation (national or state forest or park)	
Field sheet matchline and neatline	
Public land survey system section corner ties	

ROAD EMBLEMS & DESIGNATIONS

Federal	
State	

Special Symbols for Soil Survey & SSURGO - Codes and Definitions

LABEL	MAJOR CODE	MINOR CODE	NAME	DESCRIPTIONS FOR STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES
ESB	900	204	Escarpment, bedrock	A relatively continuous and steep slope or cliff, which was produced by erosion or faulting, that breaks the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.
ESO	900	206	Escarpment, nonbedrock	A relatively continuous and steep slope or cliff, which was produced by erosion or faulting, that breaks the general continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
GPI	920	202	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2.0 acres
LVS	920	208	Levee	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands.
MPI	920	325	Mine or quarry	An open excavation from which soil and underlying material are removed, exposing the bedrock. Also used to denote surface openings to underground mines. Typically 0.2 to 2.0 acres
ROC	900	311	Rock outcrop	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock, or where "Rock outcrop" is a named component of the map unit. Typically 0.25 to 2 acres.
SAN	900	313	Sandy spot	A spot where the surface layer is a loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.25 to 2 acres.
ERO	900	314	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.25 to 2 acres.
SLP	900	203	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit. Typically 0.2 to 2.0 acres
SPO	900	304	Spoil	A pile of earthy materials, either smoothed or uneven, resulting from human activity. Formerly published as dumps. Typically 0.2 to 2.0 acres
STN	900	317	Stony spot	A spot where 0.01 to 0.10 percent of the surface cover is rock fragments that are greater than 10 inches in diameter in areas where the surrounding soil has no surface stones. Typically 0.2 to 2.0 acres
SNK	905	303	Sinkhole	A closed depression formed either by solution of the surficial rock or by collapse of underlying caves. Typically 0.25 to 2 acres. Typically 0.2 to 2.0 acres
STV	900	318	Very stony spot	A spot where 0.1 to 3.0 percent of the surface cover is rock fragments that are greater than 10 inches in diameter in areas where the surrounding soil has less than 0.01 percent of a surface cover of stones. Typically 0.2 to 2.0 acres
WET	905	330	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2.0 acres

AD HOC SYMBOLS

LABEL	MAJOR CODE	MINOR CODE	NAME	DESCRIPTIONS FOR STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES
CSP	998	029	Calcareous spot	An area where the soil surface layer is calcareous (reacts to 1N HCl) in areas where the surface layer of the named soils do not react. Typically 0.25 to 2 acres.
DSS	998	040	Disturbed soil spot	An area in which the soil has been removed and materials re-deposited as a result of human activity. These were formerly published as hand dug mines. Typically 0.2 to 2.0 acres.
GLA	998	020	Glacial till spot	An exposure of till at the surface of the earth. Typically 0.2 to 2.0 acres
MUC	998	030	Muck spot	An area with a poorly drained or very poorly drained soil that has a surface layer consisting of organic soil material. The surface layer of the named soils in the surrounding map unit consists of mineral soil materials. Typically 0.2 to 2.0 acres

Classification of Pedons Sampled for Laboratory Analysis - NSSL

There were no additional samplings of pedons in Jo Daviess County during this recertification.

Prime and other Important Farmland

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

Map Unit Symbol	Map Unit Name	Farmland Classification
51B	Muscataune silt loam, 2 to 5 percent slopes	All areas are prime farmland
61B	Atterberry silt loam, 2 to 5 percent slopes	All areas are prime farmland
86B	Oscos silt loam, 2 to 5 percent slopes	All areas are prime farmland
87A	Dickinson sandy loam, 0 to 2 percent slopes	All areas are prime farmland
172A	Hoopeston sandy loam, 0 to 2 percent slopes	All areas are prime farmland
175B	Lamont fine sandy loam, 2 to 5 percent slopes	All areas are prime farmland
274B2	Seaton silt loam, 2 to 5 percent slopes, eroded	All areas are prime farmland
279B	Rozetta silt loam, 2 to 5 percent slopes	All areas are prime farmland
280B	Fayette silt loam, 2 to 5 percent slopes, eroded	All areas are prime farmland
419B	Flagg silt loam, 2 to 5 percent slopes	All areas are prime farmland
429B	Palsgrove silt loam, 2 to 5 percent slopes	All areas are prime farmland
565B	Tell silt loam, 2 to 5 percent slopes	All areas are prime farmland
572B	Loran silty clay loam, 3 to 7 percent slopes	All areas are prime farmland
675B	Greenbush silt loam, 2 to 5 percent slopes	All areas are prime farmland
731B	Nasset silt loam, 2 to 5 percent slopes	All areas are prime farmland
732B	Appleriver silt loam, 2 to 5 percent slopes	All areas are prime farmland
745B	Shullsburg silt loam, 2 to 5 percent slopes	All areas are prime farmland
753B	Massbach silt loam, 2 to 5 percent slopes	All areas are prime farmland
7430B	Raddle silt loam, 2 to 5 percent slopes, rarely flooded	All areas are prime farmland
8239A	Dorchester silt loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland
8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland
8366A	Alganssee fine sandy loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland
68A	Sable silty clay loam, 0 to 2 percent slopes	Prime farmland if drained
261A	Niota silt loam, 0 to 2 percent slopes	Prime farmland if drained
278B	Stronghurst silt loam, 2 to 5 percent slopes	Prime farmland if drained
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded	Prime farmland if drained
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
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
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	Prime farmland if protected from flooding or not frequently flooded during the growing season
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded	Prime farmland if protected from flooding or not frequently flooded during the growing season

Soil Map Unit Symbol Conversion Legend
 Jo Daviess County, Illinois: Detailed Soil Map Legend

Field symbols	Publication symbol
27D2	618D2
29C2	29C2
29C2	29C2
29D2	29D2
29D2	29D2
36B	86B
36C	86C
41B	51B
51B	51B
53D	53D
61B	61B
61B	61B
68	68A
68A	68A
86B	86B
86C	86C
87A	87A
87A	87A
88B	88B
88B	88B
88C	88C
88D	88C
119C2	119C2
172	172A
172A	172A
175B	175B
175B	175B
175D2	175D2
175D2	175D2
261	261A
261A	261A
274B2	274B2
274C2	274C2

Field symbols	Publication symbol
274D2	274D2
274D2	274D2
274E2	274E2
274E2	274E2
274F	274F
274F	274F
278B	278B
278B	278B
279B	279B
279C2	279C2
279D2	279D2
279D2	279D2
280B	280B
280B2	280B
280B2	280B2
280C2	280C2
280D2	280D2
280D2	280D2
280E2	280F2
280F	280F
280F	280F
280F2	280F2
386B	675B
386C2	675C2
403D	403D
417B	417B
417C2	417C2
417D2	417D2
417D2	417D2
417E2	417D2
417E2	417E2
417E2	417E2
417F	417F

Field symbols	Publication symbol
418B	418B
418C2	418C2
418D2	418D2
418D2	418D2
419B	419B
419B2	419B
419C2	419C2
429B	429B
429B2	429B
429C2	429C2
429D2	429D2
429D2	429D2
429E2	429E2
429E2	429E2
536	536
540C	540C
540C2	540C
547C2	547C2
547D2	547D2
547D2	547D2
547E2	547E2
547E2	547E2
565B	565B
565C2	565C2
569C2	569C2
569F2	569F2
572B	572B
576	576A
576A	576A
618D2	618D2
675B	675B
675C2	675C2
681E	681E

Field symbols	Publication symbol
689F	689F
731B	731B
731C2	731C2
731D2	731D2
731D2	731D2
732B	732B
745B	745B
745B	745B
753B	753B
753C2	753C2
753D2	753D2
753D2	753D2
755F2	755F2
755F2	755F2
779F	689F
779F	779F
785F	785F
785F	785F
785G	785G
785G	785G
800	800
801B	801B
802E	802E
802F	802E
864	864
873D2	873D2
873E2	873E2
905F	905F
905F	905F
928D2	928D2
928D2	928D2
1334	1334A
1334A	1334A
3077	3077A
3077A	3077A

Field symbols	Publication symbol
3333	3333A
3333A	3333A
3415A	3415A
3451	3451A
3451A	3451A
3579	3579A
3579A	3579A
7430B	7430B
7430B	7430B
8070	8070A
8070A	8070A
8239	8239A
8239A	8239A
8284	8284A
8284A	8284A
8366	8366A
8366A	8366A
8415	3415A
8415	8415A
8415A	8415A
M-W	M-W
W	W

Alphabetical Soil Map Unit Legend
for Jo Daviess County, Illinois

Map Unit Symbol	Map Unit Name
8366A	Alganssee fine sandy loam, 0 to 2 percent slopes, occasionally flooded
732B	Appleriver silt loam, 2 to 5 percent slopes
61B	Atterberry silt loam, 2 to 5 percent slopes
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded
3579A	Beavercreek silt loam, 0 to 2 percent slopes, frequently flooded
1334A	Birds silt loam, undrained, 0 to 2 percent slopes, frequently flooded
53D	Bloomfield loamy fine sand, 7 to 15 percent slopes
779F	Chelsea loamy fine sand, 20 to 45 percent slopes
689F	Coloma sand, 20 to 30 percent slopes
417D2	Derinda silt loam, 10 to 18 percent slopes, eroded
417E2	Derinda silt loam, 18 to 25 percent slopes, eroded
417B	Derinda silt loam, 2 to 5 percent slopes
417F	Derinda silt loam, 25 to 45 percent slopes
417C2	Derinda silt loam, 5 to 10 percent slopes, eroded
87A	Dickinson sandy loam, 0 to 2 percent slopes
8239A	Dorchester silt loam, 0 to 2 percent slopes, occasionally flooded
29D2	Dubuque silt loam, 10 to 18 percent slopes, eroded
29C2	Dubuque silt loam, 5 to 10 percent slopes, eroded
681E	Dubuque-Orthents-Fayette complex, 12 to 25 percent slopes, pitted
536	Dumps, mine
873E2	Dunbarton-Dubuque silt loams, 18 to 25 percent slopes, eroded
873D2	Dunbarton-Dubuque silt loams, 7 to 15 percent slopes, eroded
119C2	Elco silt loam, 5 to 10 percent slopes, eroded
547D2	Eleroy silt loam, 10 to 18 percent slopes, eroded
547E2	Eleroy silt loam, 18 to 25 percent slopes, eroded
547C2	Eleroy silt loam, 5 to 10 percent slopes, eroded
403D	Elizabeth silt loam, 7 to 15 percent slopes
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded
280E2	Fayette silt loam, 18 to 25 percent slopes, eroded
280F	Fayette silt loam, 18 to 35 percent slopes
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
419B	Flagg silt loam, 2 to 5 percent slopes
419C2	Flagg silt loam, 5 to 10 percent slopes, eroded
540C	Frankville silt loam, 4 to 10 percent slopes
675B	Greenbush silt loam, 2 to 5 percent slopes
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded
172A	Hoopston sandy loam, 0 to 2 percent slopes
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded
785F	Lacrescent silt loam, 15 to 30 percent slopes
785G	Lacrescent silty clay loam, 30 to 50 percent slopes
755F2	Lamoille silt loam, 15 to 30 percent slopes, eroded
175B	Lamont fine sandy loam, 2 to 5 percent slopes
175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded
572B	Loran silty clay loam, 3 to 7 percent slopes
753D2	Massbach silt loam, 10 to 18 percent slopes, eroded
753B	Massbach silt loam, 2 to 5 percent slopes
753C2	Massbach silt loam, 5 to 10 percent slopes, eroded
569F2	Medary silty clay loam, 15 to 45 percent slopes, eroded
569C2	Medary silty clay loam, 3 to 12 percent slopes, eroded
M-W	Miscellaneous water
51B	Muscature silt loam, 2 to 5 percent slopes
731D2	Nasset silt loam, 10 to 18 percent slopes, eroded
731B	Nasset silt loam, 2 to 5 percent slopes
731C2	Nasset silt loam, 5 to 10 percent slopes, eroded
905F	Newglarus-Lamoille silt loams, 18 to 35 percent slopes
928D2	Newglarus-Palsgrove silt loams, 10 to 18 percent slopes, eroded
261A	Niota silt loam, 0 to 2 percent slopes
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded
801B	Orthents silty, undulating
802E	Orthents, loamy, hilly
86B	Osco silt loam, 2 to 5 percent slopes
86C	Osco silt loam, 5 to 10 percent slopes
429D2	Palsgrove silt loam, 10 to 18 percent slopes, eroded

Map Unit Symbol	Map Unit Name
429E2	Palsgrove silt loam, 18 to 25 percent slopes, eroded
429B	Palsgrove silt loam, 2 to 5 percent slopes
429C2	Palsgrove silt loam, 5 to 10 percent slopes, eroded
864	Pits, quarries
800	Psammments, nearly level
7430B	Raddle silt loam, 2 to 5 percent slopes, rarely flooded
279D2	Rozetta silt loam, 10 to 18 percent slopes, eroded
279B	Rozetta silt loam, 2 to 5 percent slopes
279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded
68A	Sable silty clay loam, 0 to 2 percent slopes
418D2	Schapville silt loam, 10 to 18 percent slopes, eroded
418B	Schapville silt loam, 2 to 5 percent slopes
418C2	Schapville silt loam, 5 to 10 percent slopes, eroded
274D2	Seaton silt loam, 10 to 18 percent slopes, eroded
274E2	Seaton silt loam, 18 to 25 percent slopes, eroded
274F	Seaton silt loam, 18 to 35 percent slopes
274B2	Seaton silt loam, 2 to 5 percent slopes, eroded
274C2	Seaton silt loam, 5 to 10 percent slopes, eroded
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
745B	Shullsburg silt loam, 2 to 5 percent slopes
88B	Sparta loamy sand, 1 to 6 percent slopes
88C	Sparta loamy sand, 6 to 12 percent slopes
278B	Stronghurst silt loam, 2 to 5 percent slopes
565B	Tell silt loam, 2 to 5 percent slopes
565C2	Tell silt loam, 5 to 10 percent slopes, eroded
8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
W	Water
576A	Zwingle silt loam, 0 to 2 percent slopes

**Numerical Soil Map Unit Legend
for Jo Daviess County, Illinois**

Map Unit Symbol	Map Unit Name
29C2	Dubuque silt loam, 5 to 10 percent slopes, eroded
29D2	Dubuque silt loam, 10 to 18 percent slopes, eroded
51B	Muscatune silt loam, 2 to 5 percent slopes
53D	Bloomfield loamy fine sand, 7 to 15 percent slopes
61B	Atterberry silt loam, 2 to 5 percent slopes
68A	Sable silty clay loam, 0 to 2 percent slopes
86B	Osco silt loam, 2 to 5 percent slopes
86C	Osco silt loam, 5 to 10 percent slopes
87A	Dickinson sandy loam, 0 to 2 percent slopes
88B	Sparta loamy sand, 1 to 6 percent slopes
88C	Sparta loamy sand, 6 to 12 percent slopes
119C2	Elco silt loam, 5 to 10 percent slopes, eroded
172A	Hoopeston sandy loam, 0 to 2 percent slopes
175B	Lamont fine sandy loam, 2 to 5 percent slopes
175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded
261A	Niota silt loam, 0 to 2 percent slopes
274B2	Seaton silt loam, 2 to 5 percent slopes, eroded
274C2	Seaton silt loam, 5 to 10 percent slopes, eroded
274D2	Seaton silt loam, 10 to 18 percent slopes, eroded
274E2	Seaton silt loam, 18 to 25 percent slopes, eroded
274F	Seaton silt loam, 18 to 35 percent slopes
278B	Stronghurst silt loam, 2 to 5 percent slopes
279B	Rozetta silt loam, 2 to 5 percent slopes
279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded
279D2	Rozetta silt loam, 10 to 18 percent slopes, eroded
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
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded
280E2	Fayette silt loam, 18 to 25 percent slopes, eroded
280F	Fayette silt loam, 18 to 35 percent slopes
403D	Elizabeth silt loam, 7 to 15 percent slopes
417B	Derinda silt loam, 2 to 5 percent slopes
417C2	Derinda silt loam, 5 to 10 percent slopes, eroded
417D2	Derinda silt loam, 10 to 18 percent slopes, eroded
417E2	Derinda silt loam, 18 to 25 percent slopes, eroded
417F	Derinda silt loam, 25 to 45 percent slopes
418B	Schapville silt loam, 2 to 5 percent slopes
418C2	Schapville silt loam, 5 to 10 percent slopes, eroded
418D2	Schapville silt loam, 10 to 18 percent slopes, eroded
419B	Flagg silt loam, 2 to 5 percent slopes
419C2	Flagg silt loam, 5 to 10 percent slopes, eroded
429B	Palsgrove silt loam, 2 to 5 percent slopes
429C2	Palsgrove silt loam, 5 to 10 percent slopes, eroded
429D2	Palsgrove silt loam, 10 to 18 percent slopes, eroded
429E2	Palsgrove silt loam, 18 to 25 percent slopes, eroded
536	Dumps, mine
540C	Frankville silt loam, 4 to 10 percent slopes
547C2	Eleroy silt loam, 5 to 10 percent slopes, eroded
547D2	Eleroy silt loam, 10 to 18 percent slopes, eroded
547E2	Eleroy silt loam, 18 to 25 percent slopes, eroded
565B	Tell silt loam, 2 to 5 percent slopes
565C2	Tell silt loam, 5 to 10 percent slopes, eroded
569C2	Medary silty clay loam, 3 to 12 percent slopes, eroded
569F2	Medary silty clay loam, 15 to 45 percent slopes, eroded
572B	Loran silty clay loam, 3 to 7 percent slopes
576A	Zwingle silt loam, 0 to 2 percent slopes
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
675B	Greenbush silt loam, 2 to 5 percent slopes
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded
681E	Dubuque-Orthents-Fayette complex, 12 to 25 percent slopes, pitted
689F	Coloma sand, 20 to 30 percent slopes
731B	Nasset silt loam, 2 to 5 percent slopes
731C2	Nasset silt loam, 5 to 10 percent slopes, eroded
731D2	Nasset silt loam, 10 to 18 percent slopes, eroded
732B	Appleriver silt loam, 2 to 5 percent slopes
745B	Shullsburg silt loam, 2 to 5 percent slopes

Map Unit Symbol	Map Unit Name
753B	Massbach silt loam, 2 to 5 percent slopes
753C2	Massbach silt loam, 5 to 10 percent slopes, eroded
753D2	Massbach silt loam, 10 to 18 percent slopes, eroded
755F2	Lamoille silt loam, 15 to 30 percent slopes, eroded
779F	Chelsea loamy fine sand, 20 to 45 percent slopes
785F	Lacrescent silt loam, 15 to 30 percent slopes
785G	Lacrescent silty clay loam, 30 to 50 percent slopes
800	Psammments, nearly level
801B	Orthents silty, undulating
802E	Orthents, loamy, hilly
864	Pits, quarries
873D2	Dunbarton-Dubuque silt loams, 7 to 15 percent slopes, eroded
873E2	Dunbarton-Dubuque silt loams, 18 to 25 percent slopes, eroded
905F	Newglarus-Lamoille silt loams, 18 to 35 percent slopes
928D2	Newglarus-Palsgrove silt loams, 10 to 18 percent slopes, eroded
1334A	Birds silt loam, undrained, 0 to 2 percent slopes, frequently flooded
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded
3579A	Beavercreek silt loam, 0 to 2 percent slopes, frequently flooded
7430B	Raddle silt loam, 2 to 5 percent slopes, rarely flooded
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded
8239A	Dorchester silt loam, 0 to 2 percent slopes, occasionally flooded
8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded
8366A	Alganssee fine sandy loam, 0 to 2 percent slopes, occasionally flooded
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded
M-W	Miscellaneous water
W	Water

Map Unit History Notes
For Jo Daviess County, Illinois

Map Symbol	Map Unit Name	Current Status	Correlation Notes
29C2	Dubuque silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the C2 4-10% slopes are correlated to 5-10% slopes. The DMU ID is 496132.
29D2	Dubuque silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Approved Previously correlated for the published report (1996). With this correlation the D2 10-15% slopes are correlated to 10-18% slopes. The DMU ID is 482613.
51B	Muscataune silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated With this correlation, the 41B Muscatine silt loam, 1-3% slopes are correlated to 51B, Muscatune silt loam, 2-5% slopes. The DMU id is 445118.
53D	Bloomfield loamy fine sand, 7 to 15 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published soil survey (1996). The DMU id is 139171.
61B	Atterberry silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the B 1-3% slopes are correlated to 2-5% slopes. The DMU ID is 445130.
68A	Sable silty clay loam, 0 to 2 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published slope designation A 0-2% slopes is added. The DMU ID is 140149.
86B	Osco silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Added - With this correlation the 36B Tama silt loam 2-5% slopes are correlated to 86B Osco silt loam, 2-5% slopes. The DMU ID is 141746.
86C	Osco silt loam, 5 to 10 percent slopes	correlated	09/06/2007. Correlated Added - With this correlation the 36C Tama silt loam 5-10% slopes are correlated to 86C Osco silt loam, 5-10% slopes. The DMU ID is 423913.
87A	Dickinson sandy loam, 0 to 2 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-3% slopes are correlated to A 0-2% slopes. The DMU ID is 151253.
88B	Sparta loamy sand, 1 to 6 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published the series in Jo Daviess County. report (1996). With this correlation the B 1-7% slopes are correlated to 1-6% slopes. The DMU ID is 142709.
88C	Sparta loamy sand, 6 to 12 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D 7-15% slopes are correlated to C 6-12% slopes. The DMU ID is 142710.
119C2	Elco silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 131431.

Map Symbol	Map Unit Name	Current Status	Correlation Notes
172A	Hoopeston sandy loam, 0 to 2 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slopes designation is added. The DMU ID is 151279.
175B	Lamont fine sandy loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the B 1-7% slopes are correlated to 2-5% slopes. The DMU ID is 151280.
175D2	Lamont fine sandy loam, 7 to 15 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D2 7-15% slopes are correlated to 10-18% slopes. The DMU ID is 142723.
261A	Niota silt loam, 0 to 2 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slopes designation is added. The DMU ID is 142734.
274B2	Seaton silt loam, 2 to 5 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 155566.
274C2	Seaton silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 142739.
274D2	Seaton silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D 10-15% slopes are correlated to 10-18% slopes. The DMU ID is 142740.
274E2	Seaton silt loam, 18 to 25 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the E 15-25% slopes are correlated to 18-25% slopes. The DMU ID is 482888.
274F	Seaton silt loam, 18 to 35 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the F 25-45% slopes are correlated to 18-35% slopes. The DMU ID is 491374.
278B	Stronghurst silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the B 1-3% slopes are correlated to 2-5% slopes. The DMU ID is 405131.
279B	Rozetta silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 141790.
279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 140166.
279D2	Rozetta silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D2 10-15% slopes are correlated to 10-18% slopes. The DMU ID is 426516.

Map Symbol	Map Unit Name	Current Status	Correlation Notes
280B	Fayette silt loam, 2 to 5 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the B2 2-5% slopes, eroded are correlated to B 2-5% slopes to join with Carroll and Stephenson counties. The DMU ID is 142746.
280B2	Fayette silt loam, 2 to 5 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). Final field review notes (1991) indicated that uneroded phases were not extensive. Existing pedon information also support maintaining this map unit. The DMU ID is 155292.
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139433.
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D2 10-15% slopes are correlated to 10-18% slopes. The DMU ID is 140168.
280E2	Fayette silt loam, 18 to 25 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the E2 15-25% slopes are correlated to 18-25% slopes. The DMU ID is 140169.
280F	Fayette silt loam, 18 to 35 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the F 25-40% slopes are correlated to 18-35% slopes. The DMU ID is 423869.
403D	Elizabeth silt loam, 7 to 15 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139203.
417B	Derinda silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139204.
417C2	Derinda silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139205.
417D2	Derinda silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D2 10-15% slopes are correlated to 10-18% slopes. The DMU ID is 496172.
417E2	Derinda silt loam, 18 to 25 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the E2 15-25% slopes are correlated to 18-25% slopes. The DMU ID is 452105.
417F	Derinda silt loam, 25 to 45 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139208.
418B	Schapville silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139209.

Map Symbol	Map Unit Name	Current Status	Correlation Notes
418C2	Schapville silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 496174.
418D2	Schapville silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D2 10-15% slopes are correlated to 10-18% slopes. The DMU ID is 139211.
419B	Flagg silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the B2 2-5% slopes, eroded are correlated to 2-5% slopes. The DMU ID is 452086.
419C2	Flagg silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 452087.
429B	Palsgrove silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the B2 2-% slopes, eroded are correlated to 2-5% slopes. The DMU ID is 466187.
429C2	Palsgrove silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 466188.
429D2	Palsgrove silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D2 10-15% slopes are correlated to 10-18% slopes. The DMU ID is 507797.
429E2	Palsgrove silt loam, 18 to 25 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the E2 15-25% slopes are correlated to 18-25% slopes. The DMU ID is 533862.
536	Dumps, mine	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 151335.
540C	Frankville silt loam, 4 to 10 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the erosion phase is removed. The DMU ID is 139219.
547C2	Eleroy silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 453402.
547D2	Eleroy silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D2 10-15% slopes are correlated to 10-18% slopes. The DMU ID is 452102.
547E2	Eleroy silt loam, 18 to 25 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the E2 15-25% slopes are correlated to 18-25% slopes. The DMU ID is 533863.
565B	Tell silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published

Map Symbol	Map Unit Name	Current Status	Correlation Notes
565C2	Tell silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 151346.
569C2	Medary silty clay loam, 3 to 12 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139225.
569F2	Medary silty clay loam, 15 to 45 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the E2 15-25% slopes are correlated to 18-25% slopes. The DMU ID is 139226.
572B	Loran silty clay loam, 3 to 7 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139227.
576A	Zwingle silt loam, 0 to 2 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation, the A 0-2% slopes designation is added. The DMU ID is 453325.
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Added - This series replaces the former Miami series, due to the latter's change in classification from Typic to Oxyaquic. Previously correlated as Miami silt loam, 10 to 15 percent slopes, eroded (27D2) for the published report (1996). With this correlation the D2 10-15% slopes are correlated to 10-18% slopes. One unit along the Carroll County line (Loran NE quarter quadrangle) was correlated to 928D2 to achieve perfect join. The DMU ID is 456641.
675B	Greenbush silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Added - With this correlation 386B Downs silt loam, 2-5% slopes are correlated to 675B Greenbush silt loam, 2-5% slopes. The DMU ID is 152601.
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Added - With this correlation 386C2 Downs silt loam, 5-10% slopes, eroded are correlated to 675C2 Greenbush silt loam, 5-10% slopes, eroded. The DMU ID is 152602.
681E	Dubuque-Orthents-Fayette complex, 12 to 25 percent slopes, pitted	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139229.
689F	Coloma sand, 20 to 30 percent slopes	correlated	09/06/2007. Correlated Added - With this correlation 779F Chelsea loamy fine sand, 20-45 percent slopes are correlated to 689F Coloma sand, 20-30% slopes on the Mississippi River Valley terraces. The DMU ID is 445127.
731B	Nasset silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 496179.
731C2	Nasset silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 496180.

Map Symbol	Map Unit Name	Current Status	Correlation Notes
731D2	Nasset silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The slope phase is correlated from 10-15% slopes to 10-18% slopes with this correlation. The DMU ID is 533864.
732B	Appleriver silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 473981.
745B	Shullsburg silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the B 3-7% slopes are correlated to B 2-5% slopes. The DMU ID is 496183.
753B	Massbach silt loam, 2 to 5 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 496187.
753C2	Massbach silt loam, 5 to 10 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 496188.
753D2	Massbach silt loam, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the D2 10-15% slopes are correlated to D2 10-18% slopes. The DMU ID is 533866.
755F2	Lamoille silt loam, 15 to 30 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139239.
779F	Chelsea loamy fine sand, 20 to 45 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139240.
785F	Lacrescent silt loam, 15 to 30 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139241.
785G	Lacrescent silty clay loam, 30 to 50 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139242.
800	Psammments, nearly level	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139243.
801B	Orthents silty, undulating	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 140192.
802E	Orthents, loamy, hilly	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation 802F Orthents, loamy, steep are correlated to 802E Orthents, loamy, hilly. The map unit symbol The DMU ID is 156031.
864	Pits, quarries	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 155280.
873D2	Dunbarton-Dubuque silt loams, 7 to 15 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The DMU ID is 139251.

Map Symbol	Map Unit Name	Current Status	Correlation Notes
873E2	Dunbarton-Dubuque silt loams, 18 to 25 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The slope phase is correlated from 15-25% to 18-25% slopes with this correlation. The DMU ID is 533067.
905F	Newglarus-Lamoille silt loams, 18 to 35 percent slopes	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The slope phase is correlated from 15-35% to 18-35% slopes with this correlation. The DMU ID is 452096.
928D2	Newglarus-Palsgrove silt loams, 10 to 18 percent slopes, eroded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). The slope phase is correlated from 7-15% to 10-18% slopes with this correlation. The DMU ID is 456641.
1334A	Birds silt loam, undrained, 0 to 2 percent slopes, frequently flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slope phase designation is added. The undrained, frequently flooded phase designation is also added. The DMU ID is 142716.
3077A	Huntsville silt loam, 0 to 2 percent slopes, frequently flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slope phase designation is added. The DMU ID is 140172.
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slope phase designation is added. The DMU ID is 142112.
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	correlated	09/06/2007. Correlated Added - Previously correlated as 8415 for the published report (1996). With this correlation the 3415A 0-2% slopes, frequently flooded phase is added to join with Carroll County. The DMU ID is 140176.
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slopes designation is added. The DMU ID is 141801.
3579A	Beavercreek silt loam, 0 to 2 percent slopes, frequently flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slopes designation is added. The DMU ID is 453334.
7430B	Raddle silt loam, 2 to 5 percent slopes, rarely flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the the slope phase is correlated from 1-4% to 2-5% slopes. One unit along the Carroll County line (Loran NW quarterquadrangle) was correlated to Rozetta (279B) to achieve a perfect join. One partial unit along the Carroll County line (Blackhawk NW qq) was correlated to 3415A to attain a perfect join with Carroll and because the photo tone indicated wetter conditions. The DMU ID is 533016.

Map Symbol	Map Unit Name	Current Status	Correlation Notes
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slopes designation is added. The DMU ID is 141852.
8239A	Dorchester silt loam, 0 to 2 percent slopes, occasionally flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slopes designation is added. The DMU ID is 423861.
8284A	Tice silt loam, 0 to 2 percent slopes, occasionally flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slopes designation is added. The DMU ID is 141861.
8366A	Alganssee fine sandy loam, 0 to 2 percent slopes, occasionally flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slopes designation is added. The DMU ID is 533015.
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). With this correlation the A 0-2% slopes designation is added. The DMU ID is 140197.
M-W	Miscellaneous Water	correlated	09/06/2007. Correlated Added - Miscellaneous Water is small constructed water areas that are used for industrial, sanitary, or mining operations and contains water most of the year. The DMU ID is 405164.
W	Water	correlated	09/06/2007. Correlated Previously correlated for the published report (1996). Natural or constructed lake, pond or pit that contains water most of the year. The DMU ID is 155171.

Notes to Accompany the Classification and Correlation of the Soils
Of Jo Daviess County, Illinois

ALGANSEE SERIES: Pedon #86IL-085-096 (Jo Daviess Co., IL) is the type location for the series in Jo Daviess County. An occasionally flooded phase is recognized in the county.

APPLERIVER: The OSD pedon in Jo Daviess County, IL is the type location for Jo Daviess County.

ATTERBERRY SERIES: OSD pedon #83-011-108 (Bureau Co., IL) is the type location for the series in Jo Daviess County.

BEAUCOUP SERIES: Pedon #84IL-195-281 (Whiteside Co., IL) is the type location for the series in Jo Daviess County. An occasionally flooded phase is recognized in the county.

BEAVERCREEK SERIES: Pedon #86IL-085-097 (Jo Daviess Co., IL) is the type location for the series in Jo Daviess County. A frequently flooded phase is recognized in the county. Taxadjunct statement: These soils classify as Loamy-skeletal, mixed, active, calcareous, mesic Typic Udifluvents

BIRDS SERIES: Pedon #87IL-109-061 (McDonough Co., IL) is the typical pedon for Jo Daviess County. An undrained, frequently flooded phase is recognized in the county.

BLOOMFIELD SERIES: Pedon #86IL-085-089 (Jo Daviess County) is the typical pedon for Jo Daviess County.

CHELSEA SERIES: Pedon #86IL-085-089 (Jo Daviess Co., IL) is the typical pedon for Jo Daviess County. Chelsea soils mapped on Mississippi River terraces are correlated to Coloma series.

COLOMA SERIES: (added) Pedon #00IL-131-006 (Mercer Co., IL) The Coloma series replaces those Chelsea map units on Mississippi River Terraces.

DERINDA SERIES: OSD pedon #03IL-177-007 (Stephenson Co., IL) is the type location for the series in Jo Daviess County.

DICKINSON SERIES: Pedon #82IL-011-112 (Bureau Co., IL) is the type location for the series in Jo Daviess County.

DORCHESTER SERIES: Pedon #98IL-143-002 (Peoria Co., IL) is the type location for the series in Jo Daviess County. An occasionally flooded phase is recognized in the county.

DOWNNS SERIES: (dropped) See Greenbush series.

DUBUQUE SERIES: Pedon #86IL-085-075 (Jo Daviess Co., IL) is the type location for the series in Jo Daviess County.

DUNBARTON SERIES: OSD pedon is the type location for the series in Jo Daviess County. This series is mapped in complex with the Dubuque series.

ELCO SERIES: Pedon #86IL-187-073 (Warren Co., IL) is the type location for the series in Jo Daviess County.

ELEROY SERIES: OSD pedon #03IL-015-001 (Carroll Co., IL) is the type location for the series in Jo Daviess County.

ELIZABETH SERIES: OSD pedon #87IL-085-047 (Jo Daviess Co., IL) is the type location for Jo Daviess County.

FAYETTE SERIES: Pedon #87IL-187-018 (Warren Co., IL) is the type location for the series in Jo Daviess County.

FLAGG SERIES: OSD pedon #05IL-177-028 (Stephenson Co., IL) is the type location for the series in Jo Daviess County.

FRANKVILLE SERIES: Pedon #86IL-085-084 (Jo Daviess Co., IL) is the typical pedon for Jo Daviess County.

GREENBUSH SERIES: (added) OSD pedon #86IL-187-078 (Warren Co., IL) is the type location in Jo Daviess County. This series replaces the moderately wet Downs (4-6 foot water table) in northwest Illinois.

HOPESTON SERIES: Pedon #84IL-195-314 (Whiteside Co., IL) is the typical pedon for Jo Daviess County.

HUNTSVILLE SERIES: OSD pedon #78IL-095-004 (Knox Co., IL) is the type location for the series in Jo Daviess County. A frequently flooded phase is recognized in the county.

LAMONT SERIES: Pedon #82IL-011-135 (Bureau Co., IL) is the typical pedon for Jo Daviess County.

LACRESCENT SERIES: Pedon #85IL-195-371 (Whiteside Co., IL) is the typical pedon for Jo Daviess County.

LAMOILLE SERIES: Pedon #03IL-085-003 (Jo Daviess Co., IL) is the type location for Jo Daviess County. The Lamaille series is also mapped in complex with the Newglarus series.

LAWSON SERIES: Pedon #84IL-011-012 (Bureau Co., IL) is the type location for the series in Jo Daviess County. A frequently flooded phase is recognized in the county.

LORAN SERIES: OSD pedon #04IL-177-021 (Stephenson Co., IL) is the type location for the series in Jo Daviess County.

MASSBACH SERIES: OSD Pedon #04IL-177-080 (Stephenson Co., IL) is the type location for the series in Jo Daviess County.

MEDARY SERIES: Pedon #86IL-085-093 (Jo Daviess Co., IL) is the typical pedon for Jo Daviess County.

MIAMI SERIES: (dropped) See Senachwine series.

MUSCATINE SERIES: (dropped) See Muscatune series.

MUSCATUNE SERIES: (added) OSD pedon #86IL-187-100 (Warren Co., IL) is the type location for the series in Jo Daviess County. This series was established in recent updates to replace the Muscatine series, where the latter was correlated as a taxadjunct due to the presence of an argillic horizon.

NASSET SERIES: Pedon #04IL-177-087 (Stephenson Co., IL) is the type location for the series in Jo Daviess County.

NEWGLARUS SERIES: Pedon #03IL-085-005 (Jo Daviess County, IL) is the type location for the series in Jo Daviess County. The Newglarus series is mapped in complex with the Lamaille and Palsgrove series.

NIOTA SERIES: Pedon #96IL-161-100 (Rock Island Co., IL) is the typical pedon for Jo Daviess County.

ORION SERIES: Pedon #83IL-195-132 (Whiteside Co., IL) is the type location for this series in Jo Daviess County. An occasionally flooded phase is recognized in the county.

ORTHENTS: Pedon #84IL-011-086 (Bureau Co., IL) is the type location for the series in Jo Daviess County.

OSCO SERIES: (added) OSD pedon # 56IL-015-002 (Carroll Co., IL) is the type location for the series in Jo Daviess County. This series replaces the moderately wet Tama (4-6 foot water table) in northwest Illinois.

PALSGROVE SERIES: OSD pedon #06IL-141-006 (Ogle Co., IL) is the type location for the series in Jo Daviess County. The Palsgrove series is mapped in complex with the Newglarus series in map unit 928D2 in addition to being mapped as a consociation.

RADDLE SERIES: Pedon #82IL-195-063 (Whiteside County) is the typical pedon for Jo Daviess County. A rarely flooded phase is recognized in the county.

ROZETTA SERIES: OSD pedon #96IL-177-012 (Stephenson Co., IL) is the type location for the series in Jo Daviess County.

SABLE SERIES: OSD pedon #57IL-187-001 (Warren Co., IL) is the type location for the series in Jo Daviess County.

SCHAPVILLE SERIES: Pedon #78IL-085-010 (Jo Daviess Co., IL) is the type location for the series in Jo Daviess County. The Schapville components in map units 418C2 and 418D2 are taxadjunct to the Schapville series due to a thin, dark-colored surface layers. These components classify fine, mixed, active, mesic Mollic Oxyaquic Hapludalfs.

SEATON SERIES: OSD pedon #03IL-071-001 (Henderson Co., IL) is the typical pedon for Jo Daviess County.

SENACHWINE SERIES: (added) OSD pedon #82IL-011-187 (Bureau Co., IL) is the type location for the series in Jo Daviess County. This series replaces the former Miami series, due to the latter's change in classification from Typic to Oxyaquic subgroup.

SHULLSBURG SERIES: Pedon #04IL-177-107 (Stephenson Co., IL) is the type location for the series in Jo Daviess County.

SPARTA SERIES: Pedon #73IL-141-015 (Ogle Co., IL) is the type location for the series in Jo Daviess County.

STRONGHURST SERIES: Pedon #82IL-011-072 (Bureau Co., IL) is the type location for the series in Jo Daviess County.

TAMA SERIES: (dropped) See Osco series.

TELL SERIES: Pedon #82IL-011-138 (Henry Co., IL) is the typical pedon for Jo Daviess County.

TICE SERIES: Pedon #88IL-109-039 (McDonough Co., IL) is the typical pedon for Jo Daviess County. An occasionally flooded phase is recognized in the county.

WAKELAND SERIES: Pedon #83IL-195-140 (Whiteside Co., IL) is the typical pedon for Whiteside County. A frequently flooded phase is recognized in Jo Daviess County.

ZWINGLE SERIES: Pedon #77IL-085-008 (Jo Daviess Co., IL) is the typical pedon for Jo Daviess County.

Classification of the Soils of Jo Daviess 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
Alganssee-----	Mixed, mesic Aquic Udipsamments
Appleriver-----	Fine-silty, mixed, superactive, mesic Aquic HapludalFs
Atterberry-----	Fine-silty, mixed, superactive, mesic Udollic EndoaqualFs
Beaucoup-----	Fine-silty, mixed, superactive, mesic Fluvaquentic Endoaquolls
*Beavercreek-----	Loamy-skeletal, mixed, active, calcareous, mesic Typic Udifluvents
Birds-----	Fine-silty, mixed, superactive, nonacid, mesic Typic Fluvaquents
Bloomfield-----	Sandy, mixed, mesic Lamellic HapludalFs
Chelsea-----	Mixed, mesic Lamellic Udipsamments
Coloma-----	Mixed, mesic Lamellic Udipsamments
Derinda-----	Fine, mixed, active, mesic Oxyaquic HapludalFs
Dickinson-----	Coarse-loamy, mixed, superactive, mesic Typic Hapludolls
Dorchester-----	Fine-silty, mixed, superactive, calcareous, mesic Typic Udifluvents
Dubuque-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Dunbarton-----	Clayey, smectitic, mesic Lithic HapludalFs
Elco-----	Fine-silty, mixed, superactive, mesic Oxyaquic HapludalFs
Eleroy-----	Fine-silty, mixed, superactive, mesic Oxyaquic HapludalFs
Elizabeth-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
Fayette-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Flagg-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Frankville-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
Greenbush-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
Hoopeston-----	Coarse-loamy, mixed, superactive, mesic Aquic Hapludolls
Huntsville-----	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls
Lacrescent-----	Loamy-skeletal, mixed, superactive, mesic Typic Hapludolls
Lamoille-----	Fine, mixed, superactive, mesic Typic HapludalFs
Lamont-----	Coarse-loamy, mixed, superactive, mesic Typic HapludalFs
Lawson-----	Fine-silty, mixed, superactive, mesic Aquic Cumulic Hapludolls
Loran-----	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Massbach-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
Medary-----	Fine, mixed, superactive, mesic Oxyaquic HapludalFs
Muscature-----	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Nasset-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
Newglarus-----	Fine-silty over clayey, mixed, superactive, mesic Typic HapludalFs
Niota-----	Fine, mixed, superactive, mesic Vertic AlbaqualFs
Orion-----	Coarse-silty, mixed, superactive, nonacid, mesic Aquic Udifluvents
Orthents-----	Fine-loamy, mixed, active, nonacid, mesic Typic Udorthents
Oscosco-----	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Palsgrove-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Psamments-----	Psamments
Raddle-----	Fine-silty, mixed, superactive, mesic Typic Hapludolls
Rozetta-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Sable-----	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Schapville-----	Fine, mixed, active, mesic Oxyaquic Argiudolls
*Schapville-----	Fine, mixed, active, mesic Mollic Oxyaquic HapludalFs
Seaton-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Senachwine-----	Fine-loamy, mixed, active, mesic Typic HapludalFs
Shullsburg-----	Fine, mixed, superactive, mesic Aquic Argiudolls
Sparta-----	Sandy, mixed, mesic Entic Hapludolls
Stronghurst-----	Fine-silty, mixed, superactive, mesic Aeric EndoaqualFs
Tell-----	Fine-silty over sandy or sandy-skeletal, mixed, superactive, mesic Typic HapludalFs
Tice-----	Fine-silty, mixed, superactive, mesic Fluvaquentic Hapludolls
Wakeland-----	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Zwingle-----	Fine, smectitic, mesic Typic AlbaqualFs

Certification Statement

1. All mapping/map compilation was completed by September 2007.
2. All the detailed soil maps within the boundary of the survey area join. Exact joins have been achieved with the following counties:

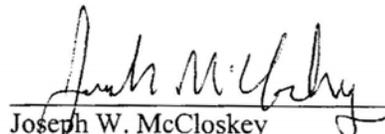
Carroll, IL (SSURGO certified 07/2005)
Stephenson County, IL (SSURGO certified 09/2006)
Dubuque County, IA (SSURGO certified 03/2005)
Jackson County, IA (SSURGO certified 01/2004)

Acceptable join has been achieved with the following counties:
Grant County, WI (SSURGO certified 10/2002)
Lafayette County, WI (SSURGO certified 09/2001)

3. Interpretations are being coordinated with adjoining survey areas. No manuscript will be generated with this recertification.
4. The location of all series typical pedons has been checked for correct location and for the soil delineations using that name. Series typical pedons are those that represent the soils in MLRA's 105 and 108B. Not all typical pedons are located in Jo Daviess County.
5. All publication symbols will be those shown in the conversion legend and in the feature and symbol legend of this Correlation Memorandum.
6. All typical pedons are classified accurately according to Keys to Soil Taxonomy, Tenth Edition, 2006.
7. The soil maps have been reviewed for completeness, accuracy, and consistency. The maps have been digitized from an ortho-photo base map at a scale of 1:12,000.

Approved:


ACTING FOR 1/31/08
(Date)
William J. Gradle
Illinois State Conservationist
Champaign, Illinois


2-6-08
(Date)
Joseph W. McCloskey
Region 10 Team Leader
St. Paul, Minnesota

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Approved:

/s/ 1/31/08

Robert L. McLeese acting for William J. Gradle (Date)
Illinois State Conservationist
Champaign, Illinois

/s/ 2/6/08

Joseph W. McCloskey (Date)
Region 10 Team Leader
St. Paul, Minnesota

