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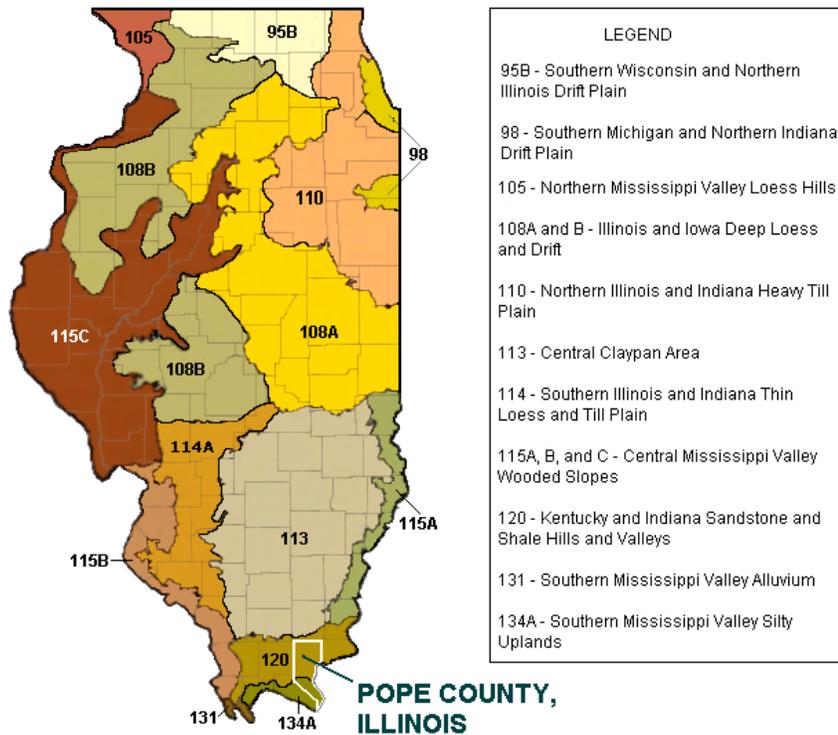
Natural Resources
Conservation Service

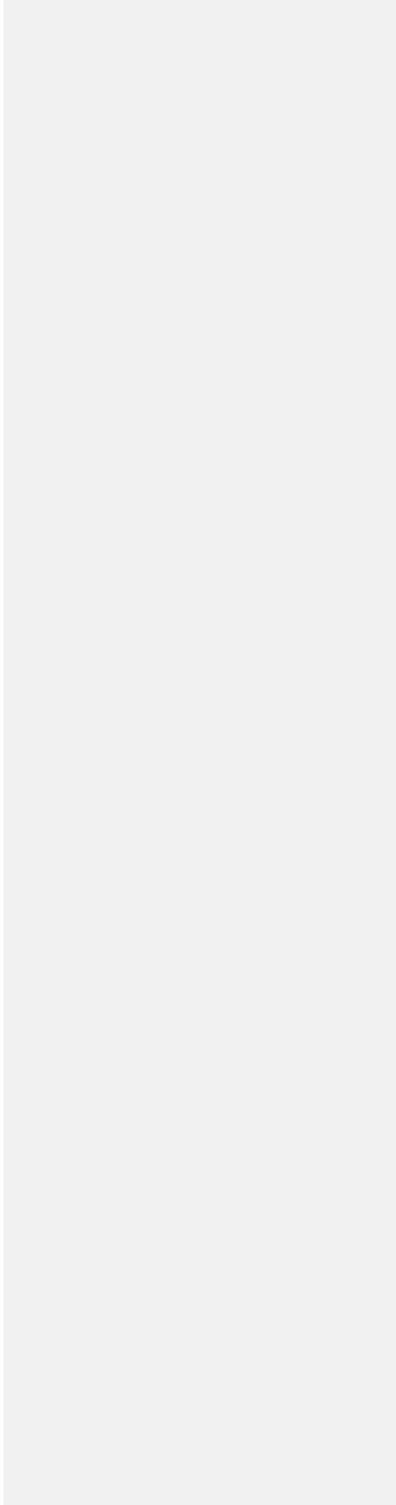
East Central Glaciated
Regional MLRA
Soil Survey Office
Indianapolis, IN

Classification and Correlation of Soils In Pope County, Illinois

(a subset of MLRA 120 & 134)

MARCH 2003





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United States Department of Agriculture

Natural Resources Conservation Service

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

A Subset of MLRA 120 & 134

March 2003

This correlation was prepared by Gary Struben, Soil Data Quality Specialist (SDQS), MLRA Region 11 team, Indianapolis, Indiana; John C. Doll, MLRA Soil Survey Coordinator, NRCS Champaign, Illinois; and Dwayne Williams, NRCS Soil Scientist. Sam Indorante, MLRA Project Leader, Ed Workman, NRCS Soil Conservationist; Jon Bathgate NRCS GIS Specialist; Matt McCauley, NRCS Resource Soil Scientist and Bryan Fitch, USFS Soil Scientist provided much of the information relating to the recorrelation of the soils in Pope County. This document was prepared as part of the update of the Soil Survey of Pope County, a subset of MLRA 120 & MLRA 134. A correlation conference was held for the Southern 7 counties from March 27 to March 30, 2001. Those participating in the conference were the same people previously listed.

This correlation is based on decisions made at that conference. Decisions were based on the documentation of field investigations, transect data, field notes, pedon descriptions, survey field notes, special studies and laboratory data, published Pope County soil maps, the descriptive legend in the "Classification and Correlation of the Soils of Pope, Hardin and Massac Counties, Illinois" – October 1971, and the text and tables in the published of Pope, Hardin and Massac Counties Soil Survey Report – June 1975.

Headnote for detailed soil survey legend:

This update of Pope County, Illinois is an update of a subset of the Soil Survey of Major Land Resource Areas (MLRA) 120 and 134. Map units and their symbols and special and conventional symbols are consistent between subsets that are being updated. Most mapunit 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, except for the letter "L", which indicates long duration flooding. 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. Three digit symbols without a slope letter are for miscellaneous areas.

Comment [JCD1]: Delete this last sentence unless you have a good reason for including it.

Soil Correlation of Pope County, Illinois

Field symbols	Field map unit name	Publication symbol	Approved map unit name
9	Sandstone rock land	99F	Sandstone and Limestone Rock Land, 18 to 35 percent slopes
99F	Sandstone and Limestone Rock Land, 18 to 35 percent slopes		
9	Sandstone rock land	99G	Sandstone and Limestone Rock Land, 35 to 90 percent slopes
99G	Sandstone and Limestone Rock Land, 35 to 90 percent slopes		
131A	Alvin fine sandy loam, 0 to 2 percent slopes	131A	Alvin fine sandy loam, 0 to 2 percent slopes
131B	Alvin fine sandy loam, 2 to 5 percent slopes	131B	Alvin fine sandy loam, 2 to 5 percent slopes
131B	Alvin fine sandy loam, 2 to 4 percent slopes		
131C	Alvin fine sandy loam, 4 to 7 percent slopes		
131B	Alvin fine sandy loam, 2 to 4 percent slopes	131C	Alvin fine sandy loam, 5 to 10 percent slopes
131C	Alvin fine sandy loam, 5 to 10 percent slopes		
131C	Alvin fine sandy loam, 4 to 7 percent slopes		
131D2	Alvin fine sandy loam, 7 to 12 percent slopes, eroded		
131B	Alvin fine sandy loam, 2 to 4 percent slopes		
131C	Alvin fine sandy loam, 4 to 7 percent slopes	131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded
131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded		
131D2	Alvin fine sandy loam, 7 to 12 percent slopes, eroded		
131C	Alvin fine sandy loam, 4 to 7 percent slopes		
131D2	Alvin fine sandy loam, 7 to 12 percent slopes, eroded	131D2	Alvin fine sandy loam, 10 to 18 percent slopes, eroded
131D2	Alvin fine sandy loam, 10 to 18 percent slopes, eroded		
131E2	Alvin fine sandy loam, 12 to 18 percent slopes, eroded		
131E	Alvin fine sandy loam, 18 to 25 percent slopes	131E	Alvin fine sandy loam, 18 to 25 percent slopes
131F	Alvin fine sandy loam, 18 to 30 percent slopes		
131D2	Alvin fine sandy loam, 7 to 12 percent slopes, eroded	131E2	Alvin fine sandy loam, 18 to 25 percent slopes, eroded
131E2	Alvin fine sandy loam, 18 to 25 percent slopes, eroded		
131F	Alvin fine sandy loam, 25 to 35 percent slopes	131F	Alvin fine sandy loam, 25 to 35 percent slopes
131F	Alvin fine sandy loam, 18 to 30 percent slopes		
164A	Stoy silt loam, 0 to 2 percent slopes	164A	Stoy silt loam, 0 to 2 percent slopes
164B	Stoy silt loam, 2 to 4 percent slopes		
164A	Stoy silt loam, 0 to 2 percent slopes	164B	Stoy silt loam, 2 to 5 percent slopes
164B	Stoy silt loam, 2 to 4 percent slopes		
164B	Stoy silt loam, 2 to 5 percent slopes		
164C2	Stoy silt loam, 4 to 7 percent slopes, eroded		
164B	Stoy silt loam, 2 to 4 percent slopes	164C2	Stoy silt loam, 5 to 10 percent slopes, eroded
164C2	Stoy silt loam, 5 to 10 percent slopes, eroded		
164C2	Stoy silt loam, 4 to 7 percent slopes, eroded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
165	Weir silt loam, 0 to 2 percent slopes	165A	Weir silt loam, 0 to 2 percent slopes
175B	Lamont fine sandy loam, 2 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 12 percent slopes, eroded		
175B	Lamont fine sandy loam, 2 to 7 percent slopes	175C	Lamont fine sandy loam, 5 to 10 percent slopes
175C	Lamont fine sandy loam, 5 to 10 percent slopes		
175D2	Lamont fine sandy loam, 7 to 12 percent slopes, eroded		
175B	Lamont fine sandy loam, 2 to 7 percent slopes	175C2	Lamont fine sandy loam, 5 to 10 percent slopes, eroded
175C2	Lamont fine sandy loam, 5 to 10 percent slopes, eroded		
175D2	Lamont fine sandy loam, 7 to 12 percent slopes, eroded		
175B	Lamont fine sandy loam, 2 to 7 percent slopes	175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded
175D2	Lamont fine sandy loam, 7 to 12 percent slopes, eroded		
175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded		
214B	Hosmer silt loam, 2 to 4 percent slopes	214B	Hosmer silt loam, 2 to 5 percent slopes
214B	Hosmer silt loam, 2 to 5 percent slopes		
214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded		
214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded		
214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded		
214B	Hosmer silt loam, 2 to 4 percent slopes	214C2	Hosmer silt loam, 5 to 10 percent slopes, eroded
214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded		
214C2	Hosmer silt loam, 5 to 10 percent slopes, eroded		
214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded		
214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded		
214E2	Hosmer silt loam, 12 to 18 percent slopes, eroded		
214E3	Hosmer soils, 12 to 18 percent slopes, severely eroded		
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded		
214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded	214C3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded
214C3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded		
214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded		
214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded		
214E2	Hosmer silt loam, 12 to 18 percent slopes, eroded		
214E3	Hosmer soils, 12 to 18 percent slopes, severely eroded		
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded	214D2	Hosmer silt loam, 10 to 18 percent slopes, eroded
214D2	Hosmer silt loam, 10 to 18 percent slopes, eroded		
214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded		
214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded		
214E2	Hosmer silt loam, 12 to 18 percent slopes, eroded		
214E3	Hosmer soils, 12 to 18 percent slopes, severely eroded		
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded		
214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded		
214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded		
214D3	Hosmer silt loam, 10 to 18 percent slopes, severely eroded		
214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded		
214E2	Hosmer silt loam, 12 to 18 percent slopes, eroded		
214E3	Hosmer soils, 12 to 18 percent slopes, severely eroded		
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded		
301B	Grantsburg silt loam, 2 to 5 percent slopes	301B	Grantsburg silt loam, 2 to 5 percent slopes
301B	Grantsburg silt loam, 2 to 4 percent slopes		
301C2	Grantsburg silt loam, 4 to 7 percent slopes, eroded		
301D2	Grantsburg silt loam, 7 to 12 percent slopes, eroded		
301D3	Grantsburg soils, 7 to 12 percent slopes, severely eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
301B	Grantsburg silt loam, 2 to 4 percent slopes		
301C2	Grantsburg silt loam, 5 to 10 percent slopes, eroded		
301C2	Grantsburg silt loam, 4 to 7 percent slopes, eroded		
301D2	Grantsburg silt loam, 7 to 12 percent slopes, eroded		
301D3	Grantsburg soils, 7 to 12 percent slopes, severely eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
301B	Grantsburg silt loam, 2 to 4 percent slopes	301C3	Grantsburg silt loam, 5 to 10 percent slopes percent slopes, severely eroded
301C2	Grantsburg silt loam, 4 to 7 percent slopes, eroded		
301C3	Grantsburg silt loam, 5 to 10 percent slopes percent slopes, severely eroded		
301D2	Grantsburg silt loam, 7 to 12 percent slopes, eroded		
301D3	Grantsburg soils, 7 to 12 percent slopes, severely eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
301C2	Grantsburg silt loam, 4 to 7 percent slopes, eroded	301D2	Grantsburg silt loam, 10 to 18 percent slopes, eroded
301D2	Grantsburg silt loam, 7 to 12 percent slopes, eroded		
301D2	Grantsburg silt loam, 10 to 18 percent slopes, eroded		
301D3	Grantsburg soils, 7 to 12 percent slopes, severely eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
301C2	Grantsburg silt loam, 4 to 7 percent slopes, eroded		
301D2	Grantsburg silt loam, 7 to 12 percent slopes, eroded		
301D3	Grantsburg silt loam, 10 to 18 percent slopes, severely eroded		
301D3	Grantsburg soils, 7 to 12 percent slopes, severely eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
308B	Alford silt loam, 2 to 4 percent slopes	308B	Alford silt loam, 2 to 5 percent slopes
308B	Alford silt loam, 2 to 5 percent slopes		
308C2	Alford silt loam, 4 to 7 percent slopes, eroded		
308B	Alford silt loam, 2 to 4 percent slopes	308C2	Alford silt loam, 5 to 10 percent slopes, eroded
308C2	Alford silt loam, 5 to 10 percent slopes, eroded		
308C2	Alford silt loam, 4 to 7 percent slopes, eroded		
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308B	Alford silt loam, 2 to 4 percent slopes	308C3	Alford silt loam, 5 to 10 percent slopes, severely eroded
308C2	Alford silt loam, 4 to 7 percent slopes, eroded		
308C3	Alford silt loam, 5 to 10 percent slopes, severely eroded		
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
308C2	Alford silt loam, 4 to 7 percent slopes, eroded	308D2	Alford silt loam, 10 to 18 percent slopes, eroded
308D2	Alford silt loam, 10 to 18 percent slopes, eroded		
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
308C2	Alford silt loam, 4 to 7 percent slopes, eroded		
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford silt loam, 10 to 18 percent slopes, severely eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded	308E	Alford silt loam, 18 to 25 percent slopes
308E	Alford silt loam, 18 to 25 percent slopes		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
214E2	Hosmer silt loam, 12 to 18 percent slopes, eroded	308E2	Alford silt loam, 18 to 25 percent slopes, eroded
214E3	Hosmer soils, 12 to 18 percent slopes, severely eroded		
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E2	Alford silt loam, 18 to 25 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
214E2	Hosmer silt loam, 12 to 18 percent slopes, eroded	308E3	Alford silt loam, 18 to 25 percent slopes, severely eroded
214E3	Hosmer soils, 12 to 18 percent slopes, severely eroded		
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford silt loam, 18 to 25 percent slopes, severely eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded	308F	Alford silt loam, 25 to 35 percent slopes
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
308F	Alford silt loam, 25 to 35 percent slopes		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
301B	Grantsburg silt loam, 2 to 4 percent slopes	335B	Robbs silt loam, 1 to 4 percent slopes
335B	Robbs silt loam, 1 to 4 percent slopes		
301B	Grantsburg silt loam, 2 to 4 percent slopes	339B	Wellston silt loam, 2 to 5 percent slopes
301C2	Grantsburg silt loam, 4 to 7 percent slopes, eroded		
339B	Wellston silt loam, 2 to 5 percent slopes		
339E	Wellston silt loam, 12 to 18 percent slopes		
340D2	Zanesville silt loam, 7 to 12 percent slopes, eroded		
340D3	Zanesville soils, 7 to 12 percent slopes, severely eroded		
340E2	Zanesville silt loam, 12 to 18 percent slopes, eroded		
340E3	Zanesville soils, 12 to 18 percent slopes, severely eroded		
339C	Wellston silt loam, 5 to 10 percent slopes	339C	Wellston silt loam, 5 to 10 percent slopes
339E	Wellston silt loam, 12 to 18 percent slopes		
339E3	Wellston soils, 12 to 18 percent slopes, severely eroded		
339F	Wellston silt loam, 18 to 30 percent slopes		
986E	Wellston and Berks complex, 12 to 18 percent slopes		
986F	Wellston and Berks complex, 18 to 30 percent slopes		
986G	Wellston and Berks complex, 30 to 50 percent slopes		
339C2	Wellston silt loam, 5 to 10 percent slopes, eroded	339C2	Wellston silt loam, 5 to 10 percent slopes, eroded
339E	Wellston silt loam, 12 to 18 percent slopes		
339E3	Wellston soils, 12 to 18 percent slopes, severely eroded		
339F	Wellston silt loam, 18 to 30 percent slopes		
986E	Wellston and Berks complex, 12 to 18 percent slopes		
986F	Wellston and Berks complex, 18 to 30 percent slopes		
986G	Wellston and Berks complex, 30 to 50 percent slopes		
339C3	Wellston silt loam, 5 to 10 percent slopes, severely eroded	339C3	Wellston silt loam, 5 to 10 percent slopes, severely eroded
339E	Wellston silt loam, 12 to 18 percent slopes		
339E3	Wellston soils, 12 to 18 percent slopes, severely eroded		
339F	Wellston silt loam, 18 to 30 percent slopes		
986E	Wellston and Berks complex, 12 to 18 percent slopes		
986F	Wellston and Berks complex, 18 to 30 percent slopes		
986G	Wellston and Berks complex, 30 to 50 percent slopes		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
9	Sandstone rock land	339D	Wellston silt loam, 10 to 18 percent slopes
339D	Wellston silt loam, 10 to 18 percent slopes		
339E	Wellston silt loam, 12 to 18 percent slopes		
339E3	Wellston soils, 12 to 18 percent slopes, severely eroded		
339F	Wellston silt loam, 18 to 30 percent slopes		
339D2	Wellston silt loam, 10 to 18 percent slopes, eroded	339D2	Wellston silt loam, 10 to 18 percent slopes, eroded
339E	Wellston silt loam, 12 to 18 percent slopes		
339E3	Wellston soils, 12 to 18 percent slopes, severely eroded		
339F	Wellston silt loam, 18 to 30 percent slopes		
339D3	Wellston silt loam, 10 to 18 percent slopes, severely eroded	339D3	Wellston silt loam, 10 to 18 percent slopes, severely eroded
339E	Wellston silt loam, 12 to 18 percent slopes		
339E3	Wellston soils, 12 to 18 percent slopes, severely eroded		
339F	Wellston silt loam, 18 to 30 percent slopes		
9	Sandstone rock land	339F	Wellston silt loam, 18 to 35 percent slopes
339E	Wellston silt loam, 12 to 18 percent slopes		
339E3	Wellston soils, 12 to 18 percent slopes, severely eroded		
339F	Wellston silt loam, 18 to 30 percent slopes		
339F	Wellston silt loam, 18 to 35 percent slopes		
340E2	Zanesville silt loam, 12 to 18 percent slopes, eroded		
340E3	Zanesville soils, 12 to 18 percent slopes, severely eroded		
340F2	Zanesville silt loam, 18 to 30 percent slopes, eroded		
340B	Zanesville silt loam, 2 to 5 percent slopes	340B	Zanesville silt loam, 2 to 5 percent slopes
340D2	Zanesville silt loam, 7 to 12 percent slopes, eroded		
340D3	Zanesville soils, 7 to 12 percent slopes, severely eroded		
340E2	Zanesville silt loam, 12 to 18 percent slopes, eroded		
340E3	Zanesville soils, 12 to 18 percent slopes, severely eroded		
340C2	Zanesville silt loam, 5 to 10 percent slopes, eroded	340C2	Zanesville silt loam, 5 to 10 percent slopes, eroded
340D2	Zanesville silt loam, 7 to 12 percent slopes, eroded		
340D3	Zanesville soils, 7 to 12 percent slopes, severely eroded		
340E2	Zanesville silt loam, 12 to 18 percent slopes, eroded		
340E3	Zanesville soils, 12 to 18 percent slopes, severely eroded		
340F2	Zanesville silt loam, 18 to 30 percent slopes, eroded		
340C3	Zanesville silt loam, 5 to 10 percent slopes, severely eroded	340C3	Zanesville silt loam, 5 to 10 percent slopes, severely eroded
340D2	Zanesville silt loam, 7 to 12 percent slopes, eroded		
340D3	Zanesville soils, 7 to 12 percent slopes, severely eroded		
340E2	Zanesville silt loam, 12 to 18 percent slopes, eroded		
340E3	Zanesville soils, 12 to 18 percent slopes, severely eroded		
340F2	Zanesville silt loam, 18 to 30 percent slopes, eroded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
340D 340D2 340D3 340E2 340E3 340F2	Zanesville silt loam, 10 to 18 percent slopes Zanesville silt loam, 7 to 12 percent slopes, eroded Zanesville soils, 7 to 12 percent slopes, severely eroded Zanesville silt loam, 12 to 18 percent slopes, eroded Zanesville soils, 12 to 18 percent slopes, severely eroded Zanesville silt loam, 18 to 30 percent slopes, eroded	340D	Zanesville silt loam, 10 to 18 percent slopes
340D2 340D2 340D3 340E2 340E3 340F2	Zanesville silt loam, 10 to 18 percent slopes, eroded Zanesville silt loam, 7 to 12 percent slopes, eroded Zanesville soils, 7 to 12 percent slopes, severely eroded Zanesville silt loam, 12 to 18 percent slopes, eroded Zanesville soils, 12 to 18 percent slopes, severely eroded Zanesville silt loam, 18 to 30 percent slopes, eroded	340D2	Zanesville silt loam, 10 to 18 percent slopes, eroded
340D2 340D3 340D3 340E2 340E3 340F2	Zanesville silt loam, 7 to 12 percent slopes, eroded Zanesville silt loam, 10 to 18 percent slopes, severely eroded Zanesville soils, 7 to 12 percent slopes, severely eroded Zanesville silt loam, 12 to 18 percent slopes, eroded Zanesville soils, 12 to 18 percent slopes, severely eroded Zanesville silt loam, 18 to 30 percent slopes, eroded	340D3	Zanesville silt loam, 10 to 18 percent slopes, severely eroded
308B 308C2 453B	Alford silt loam, 2 to 4 percent slopes Alford silt loam, 4 to 7 percent slopes, eroded Muren silt loam, 2 to 5 percent slopes	453B	Muren silt loam, 2 to 5 percent slopes
308B 308C2 308D2 308D3 308E2 308E3 308F2 453C2	Alford silt loam, 2 to 4 percent slopes Alford silt loam, 4 to 7 percent slopes, eroded Alford silt loam, 7 to 12 percent slopes, eroded Alford soils, 7 to 12 percent slopes, severely eroded Alford silt loam, 12 to 18 percent slopes, eroded Alford soils, 12 to 18 percent slopes, severely eroded Alford silt loam, 18 to 30 percent slopes, eroded Muren silt loam, 5 to 10 percent slopes, eroded	453C2	Muren silt loam, 5 to 10 percent slopes, eroded

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
308B	Alford silt loam, 2 to 4 percent slopes	453C3	Muren silt loam, 5 to 10 percent slopes, severely eroded
308C2	Alford silt loam, 4 to 7 percent slopes, eroded		
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
453C3	Muren silt loam, 5 to 10 percent slopes, severely eroded		
308C2	Alford silt loam, 4 to 7 percent slopes, eroded	453D2	Muren silt loam, 10 to 18 percent slopes, eroded
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
453D2	Muren silt loam, 10 to 18 percent slopes, eroded		
308C2	Alford silt loam, 4 to 7 percent slopes, eroded	453D3	Muren silt loam, 10 to 18 percent slopes, severely eroded
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
453D3	Muren silt loam, 10 to 18 percent slopes, severely eroded		
471D2	Clarksville gravelly silt loam, 10 to 18 percent slopes, eroded	471D2	Clarksville gravelly silt loam, 10 to 18 percent slopes, eroded
471F	Clarksville cherty silt loam, 20 to 30 percent slopes		
471D3	Clarksville gravelly silt loam, 10 to 18 percent slopes, severely eroded	471D3	Clarksville gravelly silt loam, 10 to 18 percent slopes, severely eroded
471F	Clarksville cherty silt loam, 20 to 30 percent slopes		
471F	Clarksville cherty silt loam, 20 to 30 percent slopes	471F	Clarksville gravelly silt loam, 25 to 35 percent slopes
471F	Clarksville gravelly silt loam, 25 to 35 percent slopes		
471F	Clarksville cherty silt loam, 20 to 30 percent slopes	471G	Clarksville gravelly silt loam, 35 to 70 percent slopes
471G	Clarksville gravelly silt loam, 35 to 70 percent slopes		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
536 C.F.L. M.D.	Dumps, mine CUT AND FILL LAND MINE DUMP	536	Dumps, mine
598B 598D 598E2 598F2	Bedford silt loam, 2 to 5 percent slopes Bedford silt loam, 7 to 12 percent slopes Bedford silt loam, 12 to 18 percent slopes, eroded Bedford silt loam, 18 to 30 percent slopes, eroded	598B	Bedford silt loam, 2 to 5 percent slopes
598C 598D 598E2 598F2	Bedford silt loam, 5 to 10 percent slopes Bedford silt loam, 7 to 12 percent slopes Bedford silt loam, 12 to 18 percent slopes, eroded Bedford silt loam, 18 to 30 percent slopes, eroded	598C	Bedford silt loam, 5 to 10 percent slopes
598C2 598D 598D3 598E2 598E3 598F2	Bedford silt loam, 5 to 10 percent slopes, eroded Bedford silt loam, 7 to 12 percent slopes Bedford soils, 7 to 12 percent slopes, eroded Bedford silt loam, 12 to 18 percent slopes, eroded Bedford soils, 12 to 18 percent slopes, severely eroded Bedford silt loam, 18 to 30 percent slopes, eroded	598C2	Bedford silt loam, 5 to 10 percent slopes, eroded
598C3 598D 598D3 598E2 598E3 598F2	Bedford silt loam, 5 to 10 percent slopes, severely eroded Bedford silt loam, 7 to 12 percent slopes Bedford soils, 7 to 12 percent slopes, eroded Bedford silt loam, 12 to 18 percent slopes, eroded Bedford soils, 12 to 18 percent slopes, severely eroded Bedford silt loam, 18 to 30 percent slopes, eroded	598C3	Bedford silt loam, 5 to 10 percent slopes, severely eroded
598D 598D	Bedford silt loam, 7 to 12 percent slopes Bedford silt loam, 10 to 18 percent slopes	598D	Bedford silt loam, 10 to 18 percent slopes
598D 598D2 598D3 598E2 598E3 598F2	Bedford silt loam, 7 to 12 percent slopes Bedford silt loam, 10 to 18 percent slopes, eroded Bedford soils, 7 to 12 percent slopes, eroded Bedford silt loam, 12 to 18 percent slopes, eroded Bedford soils, 12 to 18 percent slopes, severely eroded Bedford silt loam, 18 to 30 percent slopes, eroded	598D2	Bedford silt loam, 10 to 18 percent slopes, eroded
598D 598D3 598D3 598E2 598E3 598F2	Bedford silt loam, 7 to 12 percent slopes Bedford soils, 7 to 12 percent slopes, eroded Bedford silt loam, 10 to 18 percent slopes, severely eroded Bedford silt loam, 12 to 18 percent slopes, eroded Bedford soils, 12 to 18 percent slopes, severely eroded Bedford silt loam, 18 to 30 percent slopes, eroded	598D3	Bedford silt loam, 10 to 18 percent slopes, severely eroded

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
599D	Baxter gravelly silt loam, 10 to 18 percent slopes	599D	Baxter gravelly silt loam, 10 to 18 percent slopes
599E	Baxter cherty silt loam, 12 to 18 percent slopes		
599F	Baxter cherty silt loam, 18 to 30 percent slopes		
599G	Baxter cherty silt loam, 30 to 50 percent slopes		
599E	Baxter cherty silt loam, 12 to 18 percent slopes	599F	Baxter gravelly silt loam, 18 to 35 percent slopes
599F	Baxter gravelly silt loam, 18 to 35 percent slopes		
599F	Baxter cherty silt loam, 18 to 30 percent slopes		
599G	Baxter cherty silt loam, 30 to 50 percent slopes		
599F	Baxter cherty silt loam, 18 to 30 percent slopes	599G	Baxter gravelly silt loam, 35 to 70 percent slopes
599G	Baxter cherty silt loam, 30 to 50 percent slopes		
599G	Baxter gravelly silt loam, 35 to 70 percent slopes		
691C	Beasley silt loam, 5 to 10 percent slopes	691C	Beasley silt loam, 5 to 10 percent slopes
691E	Beasley silt loam, 12 to 18 percent slopes		
691F	Beasley silt loam, 18 to 30 percent slopes		
691G	Beasley silt loam, 30 to 50 percent slopes		
691C2	Beasley silt loam, 5 to 10 percent slopes, eroded	691C2	Beasley silt loam, 5 to 10 percent slopes, eroded
691E	Beasley silt loam, 12 to 18 percent slopes		
691F	Beasley silt loam, 18 to 30 percent slopes		
691G	Beasley silt loam, 30 to 50 percent slopes		
691E	Beasley silt loam, 12 to 18 percent slopes	691D	Beasley silt loam, 12 to 18 percent slopes
691F	Beasley silt loam, 18 to 30 percent slopes		
691G	Beasley silt loam, 30 to 50 percent slopes		
691D2	Beasley silt loam, 12 to 18 percent slopes, eroded	691D2	Beasley silt loam, 12 to 18 percent slopes, eroded
691E	Beasley silt loam, 12 to 18 percent slopes		
691F	Beasley silt loam, 18 to 30 percent slopes		
691G	Beasley silt loam, 30 to 50 percent slopes		
691E	Beasley silt loam, 12 to 18 percent slopes	691F	Beasley silt loam, 18 to 35 percent slopes
691F	Beasley silt loam, 18 to 30 percent slopes		
691F	Beasley silt loam, 18 to 35 percent slopes		
691G	Beasley silt loam, 30 to 50 percent slopes		
691F	Beasley silt loam, 18 to 30 percent slopes	691G	Beasley silt loam, 35 to 70 percent slopes
691G	Beasley silt loam, 30 to 50 percent slopes		
691G	Beasley silt loam, 35 to 70 percent slopes		
801	Orthents, silty	801B	Orthents, silty, undulating
801B	Orthents, silty, undulating		
B.P.	BORROW PITS		
C.F.L.	CUT AND FILL LAND		
M.D.	MINE DUMP		
802	Orthents, loamy	802D	Orthents, loamy, hilly
802D	Orthents, loamy, hilly		
B.P.	BORROW PITS		
C.F.L.	CUT AND FILL LAND		
M.D.	MINE DUMP		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
864 G.P.	Pits, quarries QUARRIES & GRAVEL PITS	864	Pits, quarries
865 G.P.	Pits, gravel QUARRIES & GRAVEL PITS	865	Pits, gravel
954D 954E2	Alford-Baxter complex, 10 to 18 percent slopes Alford-Baxter complex, 12 to 18 percent slopes, eroded	954D	Alford-Baxter complex, 10 to 18 percent slopes
954D2 954E2	Alford-Baxter complex, 10 to 18 percent slopes, eroded Alford-Baxter complex, 12 to 18 percent slopes, eroded	954D2	Alford-Baxter complex, 10 to 18 percent slopes, eroded
598E2 598E3 598F2 954F	Bedford silt loam, 12 to 18 percent slopes, eroded Bedford soils, 12 to 18 percent slopes, severely eroded Bedford silt loam, 18 to 30 percent slopes, eroded Alford-Baxter complex, 18 to 35 percent slopes	954F	Alford-Baxter complex, 18 to 35 percent slopes
955D 955F 955G	Muskingum and Berks soils, 10 to 18 percent slopes Muskingum and Berks soils, 15 to 30 percent slopes Muskingum and Berks soils, 30 to 60 percent slopes	955D	Muskingum and Berks soils, 10 to 18 percent slopes
955D2 955F 955G	Muskingum and Berks soils, 10 to 18 percent slopes, eroded Muskingum and Berks soils, 15 to 30 percent slopes Muskingum and Berks soils, 30 to 60 percent slopes	955D2	Muskingum and Berks soils, 10 to 18 percent slopes, eroded
9 955F 955F 955G 986G	Sandstone rock land Muskingum and Berks soils, 15 to 30 percent slopes Muskingum and Berks soils, 18 to 35 percent slopes Muskingum and Berks soils, 30 to 60 percent slopes Wellston and Berks complex, 30 to 50 percent slopes	955F	Muskingum and Berks soils, 18 to 35 percent slopes
9 955F 955G 955G 986F 986G	Sandstone rock land Muskingum and Berks soils, 15 to 30 percent slopes Muskingum and Berks soils, 30 to 60 percent slopes Muskingum and Berks soils, 35 to 70 percent slopes Wellston and Berks complex, 18 to 30 percent slopes Wellston and Berks complex, 30 to 50 percent slopes	955G	Muskingum and Berks soils, 35 to 70 percent slopes

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
956B	Brandon and Saffell soils, 1 to 4 percent slopes	956B	Brandon-Saffell complex, 2 to 5 percent slopes
956B	Brandon-Saffell complex, 2 to 5 percent slopes		
956C2	Brandon and Saffell soils, 4 to 12 percent slopes, eroded		
956F	Brandon and Saffell soils, 12 to 30 percent slopes		
628E	Lax silt loam, 12 to 18 percent slopes	956C2	Brandon-Saffell complex, 5 to 10 percent slopes, eroded
628E3	Lax soils, 12 to 18 percent slopes, severely eroded		
628F2	Lax silt loam, 18 to 30 percent slopes, eroded		
953E2	Hosmer and Lax silt loams, 12 to 18 percent slopes, eroded		
953E3	Hosmer and Lax complex, 12 to 18 percent slopes, severely eroded		
956B	Brandon and Saffell soils, 1 to 4 percent slopes		
956C2	Brandon and Saffell soils, 4 to 12 percent slopes, eroded		
956C2	Brandon-Saffell complex, 5 to 10 percent slopes, eroded		
956F	Brandon and Saffell soils, 12 to 30 percent slopes		
628E	Lax silt loam, 12 to 18 percent slopes	956C3	Brandon-Saffell complex, 5 to 10 percent slopes, severely eroded
628E3	Lax soils, 12 to 18 percent slopes, severely eroded		
628F2	Lax silt loam, 18 to 30 percent slopes, eroded		
953E2	Hosmer and Lax silt loams, 12 to 18 percent slopes, eroded		
953E3	Hosmer and Lax complex, 12 to 18 percent slopes, severely eroded		
956B	Brandon and Saffell soils, 1 to 4 percent slopes		
956C2	Brandon and Saffell soils, 4 to 12 percent slopes, eroded		
956C3	Brandon-Saffell complex, 5 to 10 percent slopes, severely eroded		
956F	Brandon and Saffell soils, 12 to 30 percent slopes		
628E	Lax silt loam, 12 to 18 percent slopes	956D	Brandon-Saffell complex, 10 to 18 percent slopes
628E3	Lax soils, 12 to 18 percent slopes, severely eroded		
953E2	Hosmer and Lax silt loams, 12 to 18 percent slopes, eroded		
953E3	Hosmer and Lax complex, 12 to 18 percent slopes, severely eroded		
956C2	Brandon and Saffell soils, 4 to 12 percent slopes, eroded		
956D	Brandon-Saffell complex, 10 to 18 percent slopes		
956F	Brandon and Saffell soils, 12 to 30 percent slopes		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
628E	Lax silt loam, 12 to 18 percent slopes	956D2	Brandon-Saffell complex, 10 to 18 percent slopes, eroded
628E3	Lax soils, 12 to 18 percent slopes, severely eroded		
628F2	Lax silt loam, 18 to 30 percent slopes, eroded		
953E2	Hosmer and Lax silt loams, 12 to 18 percent slopes, eroded		
953E3	Hosmer and Lax complex, 12 to 18 percent slopes, severely eroded		
953F2	Hosmer and Lax silt loams, 18 to 30 percent slopes, eroded		
956C2	Brandon and Saffell soils, 4 to 12 percent slopes, eroded		
956D2	Brandon-Saffell complex, 10 to 18 percent slopes, eroded		
956F	Brandon and Saffell soils, 12 to 30 percent slopes		
628E	Lax silt loam, 12 to 18 percent slopes		
628E3	Lax soils, 12 to 18 percent slopes, severely eroded		
628F2	Lax silt loam, 18 to 30 percent slopes, eroded		
953E2	Hosmer and Lax silt loams, 12 to 18 percent slopes, eroded		
953E3	Hosmer and Lax complex, 12 to 18 percent slopes, severely eroded		
953F2	Hosmer and Lax silt loams, 18 to 30 percent slopes, eroded		
956C2	Brandon and Saffell soils, 4 to 12 percent slopes, eroded		
956D3	Brandon-Saffell complex, 10 to 18 percent slopes, severely eroded		
956F	Brandon and Saffell soils, 12 to 30 percent slopes		
628E3	Lax soils, 12 to 18 percent slopes, severely eroded	956E2	Brandon-Saffell complex, 18 to 25 percent slopes, eroded
628F2	Lax silt loam, 18 to 30 percent slopes, eroded		
953F2	Hosmer and Lax silt loams, 18 to 30 percent slopes, eroded		
956E2	Brandon-Saffell complex, 18 to 25 percent slopes, eroded		
956F	Brandon and Saffell soils, 12 to 30 percent slopes		
628E3	Lax soils, 12 to 18 percent slopes, severely eroded	956F	Brandon-Saffell complex, 25 to 35 percent slopes
628F2	Lax silt loam, 18 to 30 percent slopes, eroded		
953F2	Hosmer and Lax silt loams, 18 to 30 percent slopes, eroded		
956F	Brandon and Saffell soils, 12 to 30 percent slopes		
956F	Brandon-Saffell complex, 25 to 35 percent slopes		
986D	Wellston-Berks complex, 10 to 18 percent slopes	986D	Wellston-Berks complex, 10 to 18 percent slopes
986E	Wellston and Berks complex, 12 to 18 percent slopes		
986F	Wellston and Berks complex, 18 to 30 percent slopes		
986G	Wellston and Berks complex, 30 to 50 percent slopes		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
986D2	Wellston-Berks complex, 10 to 18 percent slopes, eroded	986D2	Wellston-Berks complex, 10 to 18 percent slopes, eroded
986E	Wellston and Berks complex, 12 to 18 percent slopes		
986F	Wellston and Berks complex, 18 to 30 percent slopes		
986G	Wellston and Berks complex, 30 to 50 percent slopes		
986D3	Wellston-Berks complex, 10 to 18 percent slopes, severely eroded	986D3	Wellston-Berks complex, 10 to 18 percent slopes, severely eroded
986E	Wellston and Berks complex, 12 to 18 percent slopes		
986F	Wellston and Berks complex, 18 to 30 percent slopes		
986G	Wellston and Berks complex, 30 to 50 percent slopes		
9	Sandstone rock land	986F	Wellston-Berks complex, 18 to 35 percent slopes
986E	Wellston and Berks complex, 12 to 18 percent slopes		
986F	Wellston and Berks complex, 18 to 30 percent slopes		
986F	Wellston-Berks complex, 18 to 35 percent slopes		
986G	Wellston and Berks complex, 30 to 50 percent slopes		
9	Sandstone rock land	986G	Wellston-Berks complex, 35 to 70 percent slopes
986F	Wellston and Berks complex, 18 to 30 percent slopes		
986G	Wellston and Berks complex, 30 to 50 percent slopes		
986G	Wellston-Berks complex, 35 to 70 percent slopes		
1843A	Bonnie and Petrolia soils, undrained, 0 to 2 percent slopes, frequently flooded	1843A	Bonnie and Petrolia soils, undrained, 0 to 2 percent slopes, frequently flooded
W108	Bonnie silt loam, 0 to 2 percent slopes, wet		
1846A	Karnak and Cape silty clays, undrained, 0 to 2 percent slopes, frequently flooded	1846A	Karnak and Cape silty clays, undrained, 0 to 2 percent slopes, frequently flooded
W422	Cape silty clay loam, 0 to 2 percent slopes, wet		
W426	Karnak silty clay, 0 to 2 percent slopes, wet		
70	Beaucoup silty clay loam, 0 to 2 percent slopes	3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded		
70	Beaucoup silty clay loam, 0 to 2 percent slopes	3070L	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
3070L	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration		
71	Darwin silty clay, 0 to 2 percent slopes	3071A	Darwin silty clay, 0 to 2 percent slopes, frequently flooded
3071A	Darwin silty clay, 0 to 2 percent slopes, frequently flooded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
71 3071L	Darwin silty clay, 0 to 2 percent slopes Darwin silty clay, 0 to 2 percent slopes, frequently flooded, long duration	3071L	Darwin silty clay, 0 to 2 percent slopes, frequently flooded, long duration
72 331 3072A	Sharon silt loam, 0 to 2 percent slopes Haymond silt loam, 0 to 2 percent slopes Sharon silt loam, 0 to 3 percent slopes, frequently flooded	3072A	Sharon silt loam, 0 to 3 percent slopes, frequently flooded
72 331 3072L	Sharon silt loam, 0 to 2 percent slopes Haymond silt loam, 0 to 2 percent slopes Sharon silt loam, 0 to 3 percent slopes, frequently flooded, long duration	3072L	Sharon silt loam, 0 to 3 percent slopes, frequently flooded, long duration
108 109 3108A	Bonnie silt loam, 0 to 2 percent slopes Raccoon silt loam, 0 to 2 percent slopes Bonnie silt loam, 0 to 2 percent slopes, frequently flooded	3108A	Bonnie silt loam, 0 to 2 percent slopes, frequently flooded
108 109 3108L	Bonnie silt loam, 0 to 2 percent slopes Raccoon silt loam, 0 to 2 percent slopes Bonnie silt loam, 0 to 2 percent slopes, frequently flooded, long duration	3108L	Bonnie silt loam, 0 to 2 percent slopes, frequently flooded, long duration
180 3180A	Dupo silt loam, 0 to 2 percent slopes Dupo silt loam, 0 to 2 percent slopes, frequently flooded	3180A	Dupo silt loam, 0 to 2 percent slopes, frequently flooded
180 3180L	Dupo silt loam, 0 to 2 percent slopes Dupo silt loam, 0 to 2 percent slopes, frequently flooded, long duration	3180L	Dupo silt loam, 0 to 2 percent slopes, frequently flooded, long duration
288 3288A	Petrolia silty clay loam, 0 to 2 percent slopes Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded	3288A	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded
288 3288L	Petrolia silty clay loam, 0 to 2 percent slopes Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	3288L	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
72 331 3331A	Sharon silt loam, 0 to 2 percent slopes Haymond silt loam, 0 to 2 percent slopes Haymond silt loam, 0 to 3 percent slopes, frequently flooded	3331A	Haymond silt loam, 0 to 3 percent slopes, frequently flooded
72 331 3331L	Sharon silt loam, 0 to 2 percent slopes Haymond silt loam, 0 to 2 percent slopes Haymond silt loam, 0 to 3 percent slopes, frequently flooded, long duration	3331L	Haymond silt loam, 0 to 3 percent slopes, frequently flooded, long duration

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
333	Wakeland silt loam, 0 to 2 percent slopes	3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
382	Belknap silt loam, 0 to 2 percent slopes		
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded		
333	Wakeland silt loam, 0 to 2 percent slopes	3333L	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, long duration
3333L	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, long duration		
108	Bonnie silt loam, 0 to 2 percent slopes	3334A	Birds silt loam, 0 to 2 percent slopes, frequently flooded
3334A	Birds silt loam, 0 to 2 percent slopes, frequently flooded		
108	Bonnie silt loam, 0 to 2 percent slopes	3334L	Birds silt loam, 0 to 2 percent slopes, frequently flooded, long duration
3334L	Birds silt loam, 0 to 2 percent slopes, frequently flooded, long duration		
333	Wakeland silt loam, 0 to 2 percent slopes	3382A	Belknap silt loam, 0 to 2 percent slopes, frequently flooded
382	Belknap silt loam, 0 to 2 percent slopes		
3382A	Belknap silt loam, 0 to 2 percent slopes, frequently flooded		
333	Wakeland silt loam, 0 to 2 percent slopes	3382L	Belknap silt loam, 0 to 2 percent slopes, frequently flooded, long duration
382	Belknap silt loam, 0 to 2 percent slopes		
3382L	Belknap silt loam, 0 to 2 percent slopes, frequently flooded, long duration		
288	Petrolia silty clay loam, 0 to 2 percent slopes	3420A	Piopolis silty clay loam, 0 to 2 percent slopes, frequently flooded
3420A	Piopolis silty clay loam, 0 to 2 percent slopes, frequently flooded		
422	Cape silty clay loam, 0 to 2 percent slopes	3422A	Cape silty clay loam, 0 to 2 percent slopes, frequently flooded
426	Karnak silty clay, 0 to 2 percent slopes		
3422A	Cape silty clay loam, 0 to 2 percent slopes, frequently flooded		
422+	Cape silt loam, 0 to 2 percent slopes, overwash	3422A+	Cape silt loam, overwash, 0 to 2 percent slopes, frequently flooded
426+	Karnak silt loam, 0 to 2 percent slopes, overwash		
3422A+	Cape silt loam, overwash, 0 to 2 percent slopes, frequently flooded		
422	Cape silty clay loam, 0 to 2 percent slopes	3426A	Karnak silty clay, 0 to 2 percent slopes, frequently flooded
426	Karnak silty clay, 0 to 2 percent slopes		
3426A	Karnak silty clay, 0 to 2 percent slopes, frequently flooded		
422+	Cape silt loam, 0 to 2 percent slopes, overwash	3426A+	Karnak silt loam, overwash, 0 to 2 percent slopes, frequently flooded
426+	Karnak silt loam, 0 to 2 percent slopes, overwash		
3426A+	Karnak silt loam, overwash, 0 to 2 percent slopes, frequently flooded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
426	Karnak silty clay, 0 to 2 percent slopes	3426L	Karnak silty clay, 0 to 2 percent slopes, frequently flooded, long duration
3426L	Karnak silty clay, 0 to 2 percent slopes, frequently flooded, long duration		
455	Alluvial land, 0 to 2 percent slopes	3449L	Armiesburg-Sarpy complex, 0 to 2 percent slopes, frequently flooded, long duration
3449L	Armiesburg-Sarpy complex, 0 to 2 percent slopes, frequently flooded, long duration		
597	Armiesburg silty clay loam, 0 to 2 percent slopes	3597A	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded
600	Huntington silt loam, 0 to 2 percent slopes		
3597A	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded		
597	Armiesburg silty clay loam, 0 to 2 percent slopes	3597L	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
600	Huntington silt loam, 0 to 2 percent slopes		
3597L	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration		
214B	Hosmer silt loam, 2 to 4 percent slopes	5214B2	Hosmer silt loam, karst, 2 to 5 percent slopes, eroded
214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded		
214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded		
214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded		
5214B2	Hosmer silt loam, karst, 2 to 5 percent slopes, eroded		
214B	Hosmer silt loam, 2 to 4 percent slopes	5214C3	Hosmer silt loam, karst, 5 to 10 percent slopes, severely eroded
214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded		
214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded		
214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded		
214E2	Hosmer silt loam, 12 to 18 percent slopes, eroded		
214E3	Hosmer soils, 12 to 18 percent slopes, severely eroded		
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded		
5214C3	Hosmer silt loam, karst, 5 to 10 percent slopes, severely eroded		
214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded	5214D3	Hosmer silt loam, karst, 10 to 18 percent slopes, severely eroded
214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded		
214E2	Hosmer silt loam, 12 to 18 percent slopes, eroded		
214E3	Hosmer soils, 12 to 18 percent slopes, severely eroded		
214F2	Hosmer silt loam, 18 to 30 percent slopes, eroded		
5214D3	Hosmer silt loam, karst, 10 to 18 percent slopes, severely eroded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
301B	Grantsburg silt loam, 2 to 4 percent slopes	5301B2	Grantsburg silt loam, karst, 2 to 5 percent slopes, eroded
301C2	Grantsburg silt loam, 4 to 7 percent slopes, eroded		
301D2	Grantsburg silt loam, 7 to 12 percent slopes, eroded		
301D3	Grantsburg soils, 7 to 12 percent slopes, severely eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
5301B2	Grantsburg silt loam, karst, 2 to 5 percent slopes, eroded		
301B	Grantsburg silt loam, 2 to 4 percent slopes		
301C2	Grantsburg silt loam, 4 to 7 percent slopes, eroded		
301D2	Grantsburg silt loam, 7 to 12 percent slopes, eroded		
301D3	Grantsburg soils, 7 to 12 percent slopes, severely eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
5301C3	Grantsburg silt loam, karst, 5 to 10 percent slopes, severely eroded		
301C2	Grantsburg silt loam, 4 to 7 percent slopes, eroded	5301D3	Grantsburg silt loam, karst, 10 to 18 percent slopes, severely eroded
301D2	Grantsburg silt loam, 7 to 12 percent slopes, eroded		
301D3	Grantsburg soils, 7 to 12 percent slopes, severely eroded		
301E2	Grantsburg silt loam, 12 to 18 percent slopes, eroded		
301E3	Grantsburg soils, 12 to 18 percent slopes, severely eroded		
5301D3	Grantsburg silt loam, karst, 10 to 18 percent slopes, severely eroded		
308B	Alford silt loam, 2 to 4 percent slopes	5308B2	Alford silt loam, karst, 2 to 5 percent slopes, eroded
308C2	Alford silt loam, 4 to 7 percent slopes, eroded		
5308B2	Alford silt loam, karst, 2 to 5 percent slopes, eroded		
308B	Alford silt loam, 2 to 4 percent slopes	5308C3	Alford silt loam, karst, 5 to 10 percent slopes, severely eroded
308C2	Alford silt loam, 4 to 7 percent slopes, eroded		
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
5308C3	Alford silt loam, karst, 5 to 10 percent slopes, severely eroded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
308C2	Alford silt loam, 4 to 7 percent slopes, eroded	5308D3	Alford silt loam, karst, 10 to 18 percent slopes, severely eroded
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
5308D3	Alford silt loam, karst, 10 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
5308E3	Alford silt loam, karst, 18 to 25 percent slopes, severely eroded		
308C2	Alford silt loam, 4 to 7 percent slopes, eroded	5333A	Wakeland silt loam, karst, 0 to 2 percent slopes
308D2	Alford silt loam, 7 to 12 percent slopes, eroded		
308D3	Alford soils, 7 to 12 percent slopes, severely eroded		
308E2	Alford silt loam, 12 to 18 percent slopes, eroded		
308E3	Alford soils, 12 to 18 percent slopes, severely eroded		
308F2	Alford silt loam, 18 to 30 percent slopes, eroded		
5333A	Wakeland silt loam, karst, 0 to 2 percent slopes		
467C2	Markland silt loam, 2 to 7 percent slopes, eroded		
7122B	Colp silt loam, 2 to 5 percent slopes, rarely flooded		
467C2	Markland silt loam, 2 to 7 percent slopes, eroded	7122C2	Colp silt loam, 5 to 10 percent slopes, eroded, rarely flooded
467D2	Markland silt loam, 7 to 15 percent slopes, eroded		
7122C2	Colp silt loam, 5 to 10 percent slopes, eroded, rarely flooded		
467D2	Markland silt loam, 7 to 15 percent slopes, eroded	7122D2	Colp silt loam, 10 to 18 percent slopes, eroded, rarely flooded
7122D2	Colp silt loam, 10 to 18 percent slopes, eroded, rarely flooded		
173B	McGary silt loam, 0 to 4 percent slopes	7338A	Hurst silt loam, 0 to 2 percent slopes, rarely flooded
7338A	Hurst silt loam, 0 to 2 percent slopes, rarely flooded		
460	Ginat silt loam, 0 to 2 percent slopes	7460A	Ginat silt loam, 0 to 2 percent slopes, rarely flooded
7460A	Ginat silt loam, 0 to 2 percent slopes, rarely flooded		
462A	Sciotoville silt loam, 0 to 2 percent slopes	7462A	Sciotoville silt loam, 0 to 2 percent slopes, rarely flooded
7462A	Sciotoville silt loam, 0 to 2 percent slopes, rarely flooded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
462B	Sciotoville silt loam, 2 to 4 percent slopes	7462B	Sciotoville silt loam, 2 to 5 percent slopes, rarely flooded
462C2	Sciotoville silt loam, 4 to 7 percent slopes, eroded		
7462B	Sciotoville silt loam, 2 to 5 percent slopes, rarely flooded		
462B	Sciotoville silt loam, 2 to 4 percent slopes	7462C2	Sciotoville silt loam, 5 to 10 percent slopes, eroded, rarely flooded
462C2	Sciotoville silt loam, 4 to 7 percent slopes, eroded		
462D2	Sciotoville silt loam, 7 to 12 percent slopes, eroded		
7462C2	Sciotoville silt loam, 5 to 10 percent slopes, eroded, rarely flooded		
462D3	Sciotoville soils, 7 to 12 percent slopes, severely eroded	7462C3	Sciotoville silt loam, 5 to 10 percent slopes, severely eroded, rarely flooded
7462C3	Sciotoville silt loam, 5 to 10 percent slopes, severely eroded, rarely flooded		
462C2	Sciotoville silt loam, 4 to 7 percent slopes, eroded	7462D2	Sciotoville silt loam, 10 to 18 percent slopes, eroded, rarely flooded
462D2	Sciotoville silt loam, 7 to 12 percent slopes, eroded		
462E2	Sciotoville silt loam, 12 to 18 percent slopes, eroded		
7462D2	Sciotoville silt loam, 10 to 18 percent slopes, eroded, rarely flooded		
462D3	Sciotoville soils, 7 to 12 percent slopes, severely eroded	7462D3	Sciotoville silt loam, 10 to 18 percent slopes, severely eroded, rarely flooded
7462D3	Sciotoville silt loam, 10 to 18 percent slopes, severely eroded, rarely flooded		
463A	Wheeling silt loam, 0 to 2 percent slopes	7463A	Wheeling silt loam, 0 to 2 percent slopes, rarely flooded
7463A	Wheeling silt loam, 0 to 2 percent slopes, rarely flooded		
463B	Wheeling silt loam, 2 to 4 percent slopes	7463B	Wheeling silt loam, 2 to 5 percent slopes, rarely flooded
463C2	Wheeling silt loam, 4 to 7 percent slopes, eroded		
7463B	Wheeling silt loam, 2 to 5 percent slopes, rarely flooded		
463B	Wheeling silt loam, 2 to 4 percent slopes	7463C2	Wheeling silt loam, 5 to 10 percent slopes, eroded, rarely flooded
463C2	Wheeling silt loam, 4 to 7 percent slopes, eroded		
463D2	Wheeling silt loam, 7 to 12 percent slopes, eroded		
7463C2	Wheeling silt loam, 5 to 10 percent slopes, eroded, rarely flooded		
463D2	Wheeling silt loam, 7 to 12 percent slopes, eroded	7463D2	Wheeling silt loam, 10 to 18 percent slopes, eroded, rarely flooded
463E2	Wheeling silt loam, 12 to 25 percent slopes, eroded		
7463D2	Wheeling silt loam, 10 to 18 percent slopes, eroded, rarely flooded		
463E2	Wheeling silt loam, 12 to 25 percent slopes, eroded	7463E2	Wheeling silt loam, 18 to 25 percent slopes, eroded, rarely flooded
7463E2	Wheeling silt loam, 18 to 25 percent slopes, eroded, rarely flooded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
723	Reesville silt loam, 0 to 2 percent slopes	7483A	Henshaw silt loam, 0 to 3 percent slopes, rarely flooded
7483A	Henshaw silt loam, 0 to 3 percent slopes, rarely flooded		
461A	Weinbach silt loam, 0 to 2 percent slopes	7711A	Hatfield silt loam, 0 to 2 percent slopes, rarely flooded
7711A	Hatfield silt loam, 0 to 2 percent slopes, rarely flooded		
461B	Weinbach silt loam, 2 to 4 percent slopes	7711B	Hatfield silt loam, 2 to 7 percent slopes, rarely flooded
461C2	Weinbach silt loam, 4 to 7 percent slopes, eroded		
7711B	Hatfield silt loam, 2 to 7 percent slopes, rarely flooded		
461B	Weinbach silt loam, 2 to 4 percent slopes	7711B2	Hatfield silt loam, 2 to 7 percent slopes, eroded, rarely flooded
461C2	Weinbach silt loam, 4 to 7 percent slopes, eroded		
7711B2	Hatfield silt loam, 2 to 7 percent slopes, eroded, rarely flooded		
70	Beaucoup silty clay loam, 0 to 2 percent slopes	8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded		
71	Darwin silty clay, 0 to 2 percent slopes	8071A	Darwin clay, 0 to 2 percent slopes, occasionally flooded
8071A	Darwin clay, 0 to 2 percent slopes, occasionally flooded		
72	Sharon silt loam, 0 to 2 percent slopes	8072A	Sharon silt loam, 0 to 3 percent slopes, occasionally flooded
331	Haymond silt loam, 0 to 2 percent slopes		
8072A	Sharon silt loam, 0 to 3 percent slopes, occasionally flooded		
108	Bonnie silt loam, 0 to 2 percent slopes	8108A	Bonnie silt loam, 0 to 2 percent slopes, occasionally flooded
8108A	Bonnie silt loam, 0 to 2 percent slopes, occasionally flooded		
109	Raccoon silt loam, 0 to 2 percent slopes	8109A	Raccoon silt loam, 0 to 2 percent slopes, occasionally flooded
8109A	Raccoon silt loam, 0 to 2 percent slopes, occasionally flooded		
131A	Alvin fine sandy loam, 0 to 2 percent slopes	8131A	Alvin fine sandy loam, 0 to 2 percent slopes, occasionally flooded
8131A	Alvin fine sandy loam, 0 to 2 percent slopes, occasionally flooded		
131B	Alvin fine sandy loam, 2 to 4 percent slopes	8131B	Alvin fine sandy loam, 2 to 5 percent slopes, occasionally flooded
131C	Alvin fine sandy loam, 4 to 7 percent slopes		
8131B	Alvin fine sandy loam, 2 to 5 percent slopes, occasionally flooded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
131B	Alvin fine sandy loam, 2 to 4 percent slopes	8131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded, occasionally flooded
131C	Alvin fine sandy loam, 4 to 7 percent slopes		
131D2	Alvin fine sandy loam, 7 to 12 percent slopes, eroded		
8131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded, occasionally flooded		
131C	Alvin fine sandy loam, 4 to 7 percent slopes	8131D2	Alvin fine sandy loam, 10 to 18 percent slopes, eroded, occasionally flooded
131D2	Alvin fine sandy loam, 7 to 12 percent slopes, eroded		
131E2	Alvin fine sandy loam, 12 to 18 percent slopes, eroded		
8131D2	Alvin fine sandy loam, 10 to 18 percent slopes, eroded, occasionally flooded		
180	Dupo silt loam, 0 to 2 percent slopes	8180A	Dupo silt loam, 0 to 2 percent slopes, occasionally flooded
8180A	Dupo silt loam, 0 to 2 percent slopes, occasionally flooded		
288	Petrolia silty clay loam, 0 to 2 percent slopes	8288A	Petrolia silty clay loam, 0 to 2 percent slopes, occasionally flooded
8288A	Petrolia silty clay loam, 0 to 2 percent slopes, occasionally flooded		
72	Sharon silt loam, 0 to 2 percent slopes	8331A	Haymond silt loam, 0 to 3 percent slopes, occasionally flooded
331	Haymond silt loam, 0 to 2 percent slopes		
8331A	Haymond silt loam, 0 to 3 percent slopes, occasionally flooded		
333	Wakeland silt loam, 0 to 2 percent slopes	8333A	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded
382	Belknap silt loam, 0 to 2 percent slopes		
8333A	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded		
108	Bonnie silt loam, 0 to 2 percent slopes	8334A	Birds silt loam, 0 to 2 percent slopes, occasionally flooded
8334A	Birds silt loam, 0 to 2 percent slopes, occasionally flooded		
333	Wakeland silt loam, 0 to 2 percent slopes	8382A	Belknap silt loam, 0 to 2 percent slopes, occasionally flooded
382	Belknap silt loam, 0 to 2 percent slopes		
8382A	Belknap silt loam, 0 to 2 percent slopes, occasionally flooded		
288	Petrolia silty clay loam, 0 to 2 percent slopes	8420A	Piopolis silty clay loam, 0 to 3 percent slopes, occasionally flooded
8420A	Piopolis silty clay loam, 0 to 3 percent slopes, occasionally flooded		
422	Cape silty clay loam, 0 to 2 percent slopes	8422A	Cape silty clay loam, 0 to 2 percent slopes, occasionally flooded
426	Karnak silty clay, 0 to 2 percent slopes		
8422A	Cape silty clay loam, 0 to 2 percent slopes, occasionally flooded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
422+	Cape silt loam, 0 to 2 percent slopes, overwash	8422A+	Cape silt loam, overwash, 0 to 2 percent slopes, occasionally flooded
426+	Karnak silt loam, 0 to 2 percent slopes, overwash		
8422A+	Cape silt loam, overwash, 0 to 2 percent slopes, occasionally flooded		
422+	Cape silt loam, 0 to 2 percent slopes, overwash	8426++	Karnak silty clay loam, ashy, 0 to 2 percent slopes, occasionally flooded
8426++	Karnak silty clay loam, ashy, 0 to 2 percent slopes, occasionally flooded		
422	Cape silty clay loam, 0 to 2 percent slopes	8426A	Karnak silty clay, 0 to 2 percent slopes, occasionally flooded
426	Karnak silty clay, 0 to 2 percent slopes		
8426A	Karnak silty clay, 0 to 2 percent slopes, occasionally flooded		
426+	Karnak silt loam, 0 to 2 percent slopes, overwash	8426A+	Karnak silt loam, overwash, 0 to 2 percent slopes, occasionally flooded
8426A+	Karnak silt loam, overwash, 0 to 2 percent slopes, occasionally flooded		
427	Burnside silt loam, 0 to 2 percent slopes	8427B	Burnside silt loam, 1 to 4 percent slopes, occasionally flooded
598D	Bedford silt loam, 7 to 12 percent slopes		
598D3	Bedford soils, 7 to 12 percent slopes, eroded		
598E2	Bedford silt loam, 12 to 18 percent slopes, eroded		
598E3	Bedford soils, 12 to 18 percent slopes, severely eroded		
598F2	Bedford silt loam, 18 to 30 percent slopes, eroded		
599E	Baxter cherty silt loam, 12 to 18 percent slopes		
599F	Baxter cherty silt loam, 18 to 30 percent slopes		
599G	Baxter cherty silt loam, 30 to 50 percent slopes		
628E	Lax silt loam, 12 to 18 percent slopes		
628E3	Lax soils, 12 to 18 percent slopes, severely eroded		
628F2	Lax silt loam, 18 to 30 percent slopes, eroded		
953E2	Hosmer and Lax silt loams, 12 to 18 percent slopes, eroded		
953E3	Hosmer and Lax complex, 12 to 18 percent slopes, severely eroded		
953F2	Hosmer and Lax silt loams, 18 to 30 percent slopes, eroded		
954E2	Alford-Baxter complex, 12 to 18 percent slopes, eroded		
955F	Muskingum and Berks soils, 15 to 30 percent slopes		
955G	Muskingum and Berks soils, 30 to 60 percent slopes		
956C2	Brandon and Saffell soils, 4 to 12 percent slopes, eroded		
956F	Brandon and Saffell soils, 12 to 30 percent slopes		
986E	Wellston and Berks complex, 12 to 18 percent slopes		
986F	Wellston and Berks complex, 18 to 30 percent slopes		
986G	Wellston and Berks complex, 30 to 50 percent slopes		
8427B	Burnside silt loam, 1 to 4 percent slopes, occasionally flooded		

Soil Correlation of Pope County, Illinois - continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
469A	Emma silty clay loam, 0 to 2 percent slopes	8469A	Emma silty clay loam, 0 to 2 percent slopes, occasionally flooded
8469A	Emma silty clay loam, 0 to 2 percent slopes, occasionally flooded		
469B	Emma silty clay loam, 2 to 7 percent slopes	8469B	Emma silty clay loam, 2 to 5 percent slopes, occasionally flooded
8469B	Emma silty clay loam, 2 to 5 percent slopes, occasionally flooded		
469B	Emma silty clay loam, 2 to 7 percent slopes	8469C2	Emma silty clay loam, 5 to 10 percent slopes, eroded, occasionally flooded
469D2	Emma silty clay loam, 7 to 18 percent slopes, eroded		
8469C2	Emma silty clay loam, 5 to 10 percent slopes, eroded, occasionally flooded		
723	Reesville silt loam, 0 to 2 percent slopes	8483A	Henshaw silt loam, 0 to 3 percent slopes, occasionally flooded
8483A	Henshaw silt loam, 0 to 3 percent slopes, occasionally flooded		
597	Armiesburg silty clay loam, 0 to 2 percent slopes	8597A	Armiesburg silty clay loam, 0 to 2 percent slopes, occasionally flooded
600	Huntington silt loam, 0 to 2 percent slopes		
8597A	Armiesburg silty clay loam, 0 to 2 percent slopes, occasionally flooded		
693	Hurst silty clay loam, 0 to 2 percent slopes	8693A	Hurst silty clay loam, 0 to 2 percent slopes, occasionally flooded
8693A	Hurst silty clay loam, 0 to 2 percent slopes, occasionally flooded		
MW	Miscellaneous Water	MW	Miscellaneous Water
B.P. W	BORROW PITS Water	W	Water

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

Series Established by this Correlation

None

Series Added from Previously Correlated Legend for Illinois Agricultural Experiment Station Report No. 94

Birds, Colp, Hatfield, Henshaw, Muren, Piopolis, and Sarpy

Series Dropped from Previously Correlated Legend for Illinois Agricultural Experiment Station Report No. 94

Huntington, Lax, Markland, McGary, Reesville and Weinbach

Series Made Inactive

None

Cooperators' Name and Credits

For the front cover, general soil map, and half-title page:

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

Prior Soil Survey Publications

The last soil survey of Pope County was completed in 1971 and published by the United States Department of Agriculture, Soil Conservation Service in June 1975. (Also designated as Illinois Agricultural Experiment Station Report No. 94). Reference to the prior soil survey will be included in the literature citation of the manuscript. This update replaces the June 1975 soil survey and provides a digital soil survey with additional data, updated soil interpretations and 1:12,000 scale soil maps on an orthophotographic base.

Instructions for Map Compilation, Map Finishing, and Digitizing

Map compilation is being completed by NRCS field soil scientists and by soil scientists contracted by NRCS. The soil maps will be digitized by the Kansas Digitizing Center.

Conventional and Special Symbols Legend

Only those symbols indicated on the NRCS-Soils-37A will be shown on the legend and placed on the soil maps.

POPE COUNTY

**FEATURE AND SYMBOL LEGEND
 FOR SOIL SURVEY**

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL																																																																																																																																																																																																																																																				
SOIL SURVEY FEATURES		CULTURAL FEATURES (Optional)		HYDROGRAPHIC FEATURES (Optional)																																																																																																																																																																																																																																																					
<p>✓ SOIL DELINEATIONS AND LABELS</p>  <p>STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES</p> <ul style="list-style-type: none"> ✓ Bedrock escarpment ---204--- ✓ Non bedrock escarpment ---206--- ✓ Gully 202 ✓ Levee ---203--- ✓ Short steep slope ---207--- ✓ Blowout ---307--- ✓ Borrow pit ---309--- ✓ Clay spot ✓ Closed depression ✓ Gravel pit ---310--- ✓ Landslide ✓ Low flow ✓ Marsh or swamp ✓ Mine or quarry ✓ Miscellaneous water ✓ Perennial water ✓ Rock outcrop ---311--- ✓ Saline spot ---312--- ✓ Sandy spot ---313--- ✓ Severely eroded spot 314 ✓ Spillhole ---303--- ✓ Slide or slip ✓ Sand dune ✓ Sand area ✓ Sandy spot ✓ Very stony spot ✓ Wet wash ---330--- 		<p>BOUNDARIES</p> <ul style="list-style-type: none"> ✓ National, state or province ✓ County or parish Minor civil division Reservation (national or state forest or park) Line of not soil survey (state) and/or denied access areas Field sheet matching and meeting Public Land Survey System Section Boundary Public Land Survey System Section Corner "NS" <p>TRANSPORTATION</p> <ul style="list-style-type: none"> Divided road Normally not shown Other road Normally not shown Trail Normally not shown <p>WATER FEATURES</p> <ul style="list-style-type: none"> ✓ Interstate Federal ✓ State County, town or parish 		<p>Drainage end (indicates direction of flow)</p> <p>Perennial stream</p> <p>Intermittent stream</p> <p>Unclassified stream</p> <p>Perennial drainage or irrigation ditch</p> <p>Intermittent drainage or irrigation ditch</p> <p>Unclassified drainage or irrigation ditch</p> <p>Flood pool line</p> <p>Spring</p> <p>Well, artesian</p> <p>Well, irrigation</p>																																																																																																																																																																																																																																																					
<p>AD HDG FEATURES (describe on back)</p> <table border="1"> <thead> <tr> <th>LABEL</th> <th>SYMBOL 10</th> <th>SYMBOL</th> <th>LABEL</th> <th>SYMBOL 10</th> <th>SYMBOL</th> </tr> </thead> <tbody> <tr><td>1</td><td><</td><td>11</td><td>Q</td><td></td><td></td></tr> <tr><td>2</td><td>≡</td><td>12</td><td>W</td><td></td><td></td></tr> <tr><td>3</td><td>□</td><td>13</td><td>⊕</td><td></td><td></td></tr> <tr><td>4</td><td>⊙</td><td>14</td><td>⊙</td><td></td><td></td></tr> <tr><td>5</td><td>⊙</td><td>15</td><td>⊙</td><td></td><td></td></tr> <tr><td>6</td><td>⊙</td><td>16</td><td>⊙</td><td></td><td></td></tr> <tr><td>7</td><td>⊙</td><td>17</td><td>⊙</td><td></td><td></td></tr> <tr><td>8</td><td>⊙</td><td>18</td><td>⊙</td><td></td><td></td></tr> <tr><td>9</td><td>⊙</td><td>19</td><td>⊙</td><td></td><td></td></tr> <tr><td>10</td><td>⊙</td><td>20</td><td>⊙</td><td></td><td></td></tr> <tr><td>11</td><td>⊙</td><td>21</td><td>⊙</td><td></td><td></td></tr> <tr><td>12</td><td>⊙</td><td>22</td><td>⊙</td><td></td><td></td></tr> <tr><td>13</td><td>⊙</td><td>23</td><td>⊙</td><td></td><td></td></tr> <tr><td>14</td><td>⊙</td><td>24</td><td>⊙</td><td></td><td></td></tr> <tr><td>15</td><td>⊙</td><td>25</td><td>⊙</td><td></td><td></td></tr> <tr><td>16</td><td>⊙</td><td>26</td><td>⊙</td><td></td><td></td></tr> <tr><td>17</td><td>⊙</td><td>27</td><td>⊙</td><td></td><td></td></tr> <tr><td>18</td><td>⊙</td><td>28</td><td>⊙</td><td></td><td></td></tr> <tr><td>19</td><td>⊙</td><td>29</td><td>⊙</td><td></td><td></td></tr> <tr><td>20</td><td>⊙</td><td>30</td><td>⊙</td><td></td><td></td></tr> <tr><td>21</td><td>⊙</td><td>31</td><td>⊙</td><td></td><td></td></tr> <tr><td>22</td><td>⊙</td><td>32</td><td>⊙</td><td></td><td></td></tr> <tr><td>23</td><td>⊙</td><td>33</td><td>⊙</td><td></td><td></td></tr> <tr><td>24</td><td>⊙</td><td>34</td><td>⊙</td><td></td><td></td></tr> <tr><td>25</td><td>⊙</td><td>35</td><td>⊙</td><td></td><td></td></tr> <tr><td>26</td><td>⊙</td><td>36</td><td>⊙</td><td></td><td></td></tr> <tr><td>27</td><td>⊙</td><td>37</td><td>⊙</td><td></td><td></td></tr> <tr><td>28</td><td>⊙</td><td>38</td><td>⊙</td><td></td><td></td></tr> <tr><td>29</td><td>⊙</td><td>39</td><td>⊙</td><td></td><td></td></tr> <tr><td>30</td><td>⊙</td><td>40</td><td>⊙</td><td></td><td></td></tr> <tr><td>31</td><td>⊙</td><td>41</td><td>⊙</td><td></td><td></td></tr> <tr><td>32</td><td>⊙</td><td>42</td><td>⊙</td><td></td><td></td></tr> <tr><td>33</td><td>⊙</td><td>43</td><td>⊙</td><td></td><td></td></tr> <tr><td>34</td><td>⊙</td><td>44</td><td>⊙</td><td></td><td></td></tr> <tr><td>35</td><td>⊙</td><td>45</td><td>⊙</td><td></td><td></td></tr> <tr><td>36</td><td>⊙</td><td>46</td><td>⊙</td><td></td><td></td></tr> <tr><td>37</td><td>⊙</td><td>47</td><td>⊙</td><td></td><td></td></tr> <tr><td>38</td><td>⊙</td><td>48</td><td>⊙</td><td></td><td></td></tr> <tr><td>39</td><td>⊙</td><td>49</td><td>⊙</td><td></td><td></td></tr> <tr><td>40</td><td>⊙</td><td>50</td><td>⊙</td><td></td><td></td></tr> </tbody> </table>		LABEL	SYMBOL 10	SYMBOL	LABEL	SYMBOL 10	SYMBOL	1	<	11	Q			2	≡	12	W			3	□	13	⊕			4	⊙	14	⊙			5	⊙	15	⊙			6	⊙	16	⊙			7	⊙	17	⊙			8	⊙	18	⊙			9	⊙	19	⊙			10	⊙	20	⊙			11	⊙	21	⊙			12	⊙	22	⊙			13	⊙	23	⊙			14	⊙	24	⊙			15	⊙	25	⊙			16	⊙	26	⊙			17	⊙	27	⊙			18	⊙	28	⊙			19	⊙	29	⊙			20	⊙	30	⊙			21	⊙	31	⊙			22	⊙	32	⊙			23	⊙	33	⊙			24	⊙	34	⊙			25	⊙	35	⊙			26	⊙	36	⊙			27	⊙	37	⊙			28	⊙	38	⊙			29	⊙	39	⊙			30	⊙	40	⊙			31	⊙	41	⊙			32	⊙	42	⊙			33	⊙	43	⊙			34	⊙	44	⊙			35	⊙	45	⊙			36	⊙	46	⊙			37	⊙	47	⊙			38	⊙	48	⊙			39	⊙	49	⊙			40	⊙	50	⊙			<p>LOCATED OBJECTS</p> <ul style="list-style-type: none"> ✓ Airport, airfield ✓ Cemetery ✓ Church ✓ Farmstead, house (omit in urban areas) ✓ Lighthouse ✓ Landed object (label) ✓ Lockout tower ✓ Oil and/or natural gas well ✓ Other Religion (label) ✓ School ✓ Soil sample site (compiled only not published) ✓ Tank (label) ✓ Windmill 	
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Defintions of Special Features

307	BLO	Blowout	A small saucer, cup, or trough-shaped hollow or depression formed by wind erosion, on a pre-existing sand deposit. Typically 0.25 to 2.0 acres.
309	CLA	Clay spot	A spot where the surface texture is silty clay or clay in areas where the surface layer is sandy loam, loam, silt loam, or coarser. Typically 0.25 to 2.0 acres.
300	DEP	Spot of silty alluvial soil in depressions	A shallow, saucer-shaped area that is slightly lower on the landscape than the surrounding area and is without a natural outlet for surface drainage. Typically 0.25 to 2.0 acres.
204	ESB	Escarpment, bedrock	A relatively continuous and steep slope or cliff produced by erosion or faulting breaking the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.
206	ESO	Escarpment, other	A relatively continuous and steep slope or cliff produced by erosion, but can be produced by faulting, breaking the general continuity of more gently sloping land surfaces. Exposed nonbedrock material is nonsoil or very shallow, poorly developed soil.
310	GRA	Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in a area with less than 15 percent fragments. Typically 0.25 to 2.0 acres.
202	GUL	Gully	A small channel with steep sides cut by running water through which water ordinarily runs only after a rain, or after ice or snowmelts. It generally is an obstacle to wheeled vehicles and is too deep to be obliterated by ordinary tillage.
111	MAR	Marsh or swamp	A water saturated, very poorly drained area, intermittently or permanently covered by water. Sedges, cattails, and rushes dominate swamps. Not used in map units where the named components are poorly or very poorly drained. Typically 0.25 to 2.0 acres.
311	ROC	Rock outcrop	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock. Typically 0.25 to 2.0 acres.
312	SAL	Saline spot	An area where the surface layer has an electrical conductivity of 8 mmhos cm ⁻¹ more than the surface layer of the named soils in the surrounding map unit, which has an EC of 2 mmhos cm ⁻¹ or less. Typically 0.25 to 2.0 acres.
313	SAN	Sandy spot	Surface layer with sand content greater than 75 percent sand in areas where the surface layer of the named soils in the surrounding map unit have less than about 25 percent sand. Typically 0.25 to 2.0 acres.
314	ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface soil has been lost from accelerated erosion. Typically 0.25 to 2.0 acres.
203	SLP	Short, steep slope	Narrow soil area that has slopes that are at least 2 slope classes steeper than the slope class of the surrounding map unit.
303	SNK	Sinkhole	A closed depression formed either by solution of the surficial rock, or by collapse of underlying caves. Complexes of sinkholes in carbonate-rock terrain are the main components of karst topography. Typically 0.25 to 2.0 acres.
330	WET	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 0.25 to 2.0 acres.

General Soil Map Units

The General Soil Map will not be updated as part of this correlation.

Soil Mapunit Symbol Conversion Legend of Pope County, Illinois

Field Symbol	Publication Symbol						
9	99F	131D2	8131C2	214D2	5214D3	301C2	301D2
9	99G	131D2	8131D2	214D3	214B	301C2	301D3
9	339D	131E	131E	214D3	214C2	301C2	339B
9	339F	131E2	131D2	214D3	214C3	301C2	5301B2
9	955F	131E2	131E2	214D3	214D2	301C2	5301C3
9	955G	131E2	8131D2	214D3	214D3	301C2	5301D3
9	986F	131F	131E	214D3	5214B2	301C3	301C3
9	986G	131F	131F	214D3	5214C3	301D2	301B
70	3070A	164A	164A	214D3	5214D3	301D2	301C2
70	3070L	164A	164B	214E2	214C2	301D2	301C3
70	8070A	164B	164A	214E2	214C3	301D2	301D2
71	3071A	164B	164B	214E2	214D2	301D2	301D3
71	3071L	164B	164C2	214E2	214D3	301D2	5301B2
71	8071A	164C2	164B	214E2	308E2	301D2	5301C3
72	3072A	164C2	164C2	214E2	308E3	301D2	5301D3
72	3072L	165	165A	214E2	5214C3	301D3	301B
72	3331A	165A	165A	214E2	5214D3	301D3	301C2
72	3331L	173B	7338A	214E3	214C2	301D3	301C3
72	8072A	175B	175B	214E3	214C3	301D3	301D2
72	8331A	175B	175C	214E3	214D2	301D3	301D3
99F	99F	175B	175C2	214E3	214D3	301D3	5301B2
99G	99G	175B	175D2	214E3	308E2	301D3	5301C3
108	3108A	175C	175C	214E3	308E3	301D3	5301D3
108	3108L	175C2	175C2	214E3	5214C3	301E2	301B
108	3334A	175D2	175B	214E3	5214D3	301E2	301C2
108	3334L	175D2	175C	214F2	214C2	301E2	301C3
108	8108A	175D2	175C2	214F2	214C3	301E2	301D2
108	8334A	175D2	175D2	214F2	214D2	301E2	301D3
109	3108A	180	3180A	214F2	214D3	301E2	308E2
109	3108L	180	3180L	214F2	308E	301E2	308E3
109	8109A	180	8180A	214F2	308E2	301E2	308F
131A	131A	214B	214B	214F2	308E3	301E2	5301B2
131A	8131A	214B	214C2	214F2	308F	301E2	5301C3
131B	131B	214B	5214B2	214F2	5214C3	301E2	5301D3
131B	131C	214B	5214C3	214F2	5214D3	301E3	301B
131B	131C2	214C2	214B	288	3288A	301E3	301C2
131B	8131B	214C2	214C2	288	3288L	301E3	301C3
131B	8131C2	214C2	214C3	288	3420A	301E3	301D2
131C	131B	214C2	214D2	288	8288A	301E3	301D3
131C	131C	214C2	214D3	288	8420A	301E3	308E2
131C	131C2	214C2	5214B2	301B	301B	301E3	308E3
131C	131D2	214C2	5214C3	301B	301C2	301E3	308F
131C	8131B	214C3	214C3	301B	301C3	301E3	5301B2
131C	8131C2	214D2	214B	301B	335B	301E3	5301C3
131C	8131D2	214D2	214C2	301B	339B	301E3	5301D3
131C2	131C2	214D2	214C3	301B	5301B2	308B	308B
131D2	131C	214D2	214D2	301B	5301C3	308B	308C2
131D2	131C2	214D2	214D3	301C2	301B	308B	308C3
131D2	131D2	214D2	5214B2	301C2	301C2	308B	453B
131D2	131E2	214D2	5214C3	301C2	301C3		

Soil Mapunit Symbol Conversion Legend of Pope County, Illinois - continued

Field Symbol	Publication Symbol						
308B	453C2	308E2	453D2	339D2	339D2	340E3	339B
308B	453C3	308E2	453D3	339D3	339D3	340E3	339F
308B	5308B2	308E2	5308C3	339E	339B	340E3	340B
308B	5308C3	308E2	5308D3	339E	339C	340E3	340C2
308C2	308B	308E2	5333A	339E	339C2	340E3	340C3
308C2	308C2	308E3	308C2	339E	339C3	340E3	340D
308C2	308C3	308E3	308C3	339E	339D	340E3	340D2
308C2	308D2	308E3	308D2	339E	339D2	340E3	340D3
308C2	308D3	308E3	308D3	339E	339D3	340F2	339F
308C2	453B	308E3	308E2	339E	339F	340F2	340C2
308C2	453C2	308E3	308E3	339E3	339C	340F2	340C3
308C2	453C3	308E3	453C2	339E3	339C2	340F2	340D
308C2	453D2	308E3	453C3	339E3	339C3	340F2	340D2
308C2	453D3	308E3	453D2	339E3	339D	340F2	340D3
308C2	5308B2	308E3	453D3	339E3	339D2	382	3333A
308C2	5308C3	308E3	5308C3	339E3	339D3	382	3382A
308C2	5308D3	308E3	5308D3	339E3	339F	382	3382L
308C2	5333A	308E3	5333A	339F	339C	382	8333A
308C3	308C3	308F	308F	339F	339C2	382	8382A
308D2	308C2	308F2	308D2	339F	339C3	422	3422A
308D2	308C3	308F2	308D3	339F	339D	422	3426A
308D2	308D2	308F2	308E	339F	339D2	422	8422A
308D2	308D3	308F2	308E2	339F	339D3	422	8426A
308D2	453C2	308F2	308E3	339F	339F	422+	3422A+
308D2	453C3	308F2	308F	340B	340B	422+	3426A+
308D2	453D2	308F2	453C2	340C2	340C2	422+	8422A+
308D2	453D3	308F2	453C3	340C3	340C3	422+	8426++
308D2	5308C3	308F2	453D2	340D	340D	426	3422A
308D2	5308D3	308F2	453D3	340D2	339B	426	3426A
308D2	5333A	308F2	5308D3	340D2	340B	426	3426L
308D3	308C2	308F2	5308E3	340D2	340C2	426	8422A
308D3	308C3	308F2	5333A	340D2	340C3	426	8426A
308D3	308D2	331	3072A	340D2	340D	426+	3422A+
308D3	308D3	331	3072L	340D2	340D2	426+	3426A+
308D3	453C2	331	3331A	340D2	340D3	426+	8422A+
308D3	453C3	331	3331L	340D3	339B	426+	8426A+
308D3	453D2	331	8072A	340D3	340B	427	8427B
308D3	453D3	331	8331A	340D3	340C2	453B	453B
308D3	5308C3	333	3333A	340D3	340C3	453C2	453C2
308D3	5308D3	333	3333L	340D3	340D	453C3	453C3
308D3	5333A	333	3382A	340D3	340D2	453D2	453D2
308E	308E	333	3382L	340D3	340D3	453D3	453D3
308E2	308C2	333	8333A	340E2	339B	455	3449L
308E2	308C3	333	8382A	340E2	339F	460	7460A
308E2	308D2	335B	335B	340E2	340B	461A	7711A
308E2	308D3	339B	339B	340E2	340C2	461B	7711B
308E2	308E2	339C	339C	340E2	340C3	461B	7711B2
308E2	308E3	339C2	339C2	340E2	340D	461C2	7711B
308E2	453C2	339C3	339C3	340E2	340D2	461C2	7711B2
308E2	453C3	339D	339D	340E2	340D3	462A	7462A

Soil Mapunit Symbol Conversion Legend of Pope County, Illinois - continued

Field Symbol	Publication Symbol						
462B	7462B	598D2	598D2	628E3	956C3	953E3	956C2
462B	7462C2	598D3	598C2	628E3	956D	953E3	956C3
462C2	7462B	598D3	598C3	628E3	956D2	953E3	956D
462C2	7462C2	598D3	598D2	628E3	956D3	953E3	956D2
462C2	7462D2	598D3	598D3	628E3	956E2	953E3	956D3
462D2	7462C2	598D3	8427B	628E3	956F	953E3	8427B
462D2	7462D2	598E2	598B	628E3	8427B	953F2	956D2
462D3	7462C3	598E2	598C	628F2	956C2	953F2	956D3
462D3	7462D3	598E2	598C2	628F2	956C3	953F2	956E2
462E2	7462D2	598E2	598C3	628F2	956D2	953F2	956F
463A	7463A	598E2	598D2	628F2	956D3	953F2	8427B
463B	7463B	598E2	598D3	628F2	956E2	954D	954D
463B	7463C2	598E2	954F	628F2	956F	954D2	954D2
463C2	7463B	598E2	8427B	628F2	8427B	954E2	954D
463C2	7463C2	598E3	598C2	691C	691C	954E2	954D2
463D2	7463C2	598E3	598C3	691C2	691C2	954E2	8427B
463D2	7463D2	598E3	598D2	691D	691D	954F	954F
463E2	7463D2	598E3	598D3	691D2	691D2	955D	955D
463E2	7463E2	598E3	954F	691E	691C	955D2	955D2
467C2	7122B	598E3	8427B	691E	691C2	955F	955D
467C2	7122C2	598F2	598B	691E	691D	955F	955D2
467D2	7122C2	598F2	598C	691E	691D2	955F	955F
467D2	7122D2	598F2	598C2	691E	691F	955F	955G
469A	8469A	598F2	598C3	691F	691C	955F	8427B
469B	8469B	598F2	598D2	691F	691C2	955G	955D
469B	8469C2	598F2	598D3	691F	691D	955G	955D2
469D2	8469C2	598F2	954F	691F	691D2	955G	955F
471D2	471D2	598F2	8427B	691F	691F	955G	955G
471D3	471D3	599D	599D	691F	691G	955G	8427B
471F	471D2	599E	599D	691G	691C	956B	956B
471F	471D3	599E	599F	691G	691C2	956B	956C2
471F	471F	599E	8427B	691G	691D	956B	956C3
471F	471G	599F	599D	691G	691D2	956C2	956B
471G	471G	599F	599F	691G	691F	956C2	956C2
536	536	599F	599G	691G	691G	956C2	956C3
597	3597A	599F	8427B	693	8693A	956C2	956D
597	3597L	599G	599D	723	7483A	956C2	956D2
597	8597A	599G	599F	723	8483A	956C2	956D3
598B	598B	599G	599G	801	801B	956C2	8427B
598C	598C	599G	8427B	801B	801B	956C3	956C3
598C2	598C2	600	3597A	802	802D	956D	956D
598C3	598C3	600	3597L	802D	802D	956D2	956D2
598D	598B	600	8597A	864	864	956D3	956D3
598D	598C	628E	956C2	865	865	956E2	956E2
598D	598C2	628E	956C3	953E2	956C2	956F	956B
598D	598C3	628E	956D	953E2	956C3	956F	956C2
598D	598D	628E	956D2	953E2	956D	956F	956C3
598D	598D2	628E	956D3	953E2	956D2	956F	956D
598D	598D3	628E	8427B	953E2	956D3	956F	956D2
598D	8427B	628E3	956C2	953E2	8427B	956F	956D3

Soil Mapunit Symbol Conversion Legend of Pope County, Illinois - continued

Field Symbol	Publication Symbol						
956F	956E2	1846A	1846A	5308B2	5308B2	8331A	8331A
956F	956F	3070A	3070A	5308C3	5308C3	8333A	8333A
956F	8427B	3070L	3070L	5308D3	5308D3	8334A	8334A
986D	986D	3071A	3071A	5308E3	5308E3	8382A	8382A
986D2	986D2	3071L	3071L	5333A	5333A	8420A	8420A
986D3	986D3	3072A	3072A	7122B	7122B	8422A	8422A
986E	339C	3072L	3072L	7122C2	7122C2	8422A+	8422A+
986E	339C2	3108A	3108A	7122D2	7122D2	8426++	8426++
986E	339C3	3108L	3108L	7338A	7338A	8426A	8426A
986E	986D	3180A	3180A	7460A	7460A	8426A+	8426A+
986E	986D2	3180L	3180L	7462A	7462A	8427B	8427B
986E	986D3	3288A	3288A	7462B	7462B	8469A	8469A
986E	986F	3288L	3288L	7462C2	7462C2	8469B	8469B
986E	8427B	3331A	3331A	7462C3	7462C3	8469C2	8469C2
986F	339C	3331L	3331L	7462D2	7462D2	8483A	8483A
986F	339C2	3333A	3333A	7462D3	7462D3	8597A	8597A
986F	339C3	3333L	3333L	7463A	7463A	8693A	8693A
986F	955G	3334A	3334A	7463B	7463B	B.P.	801B
986F	986D	3334L	3334L	7463C2	7463C2	B.P.	802D
986F	986D2	3382A	3382A	7463D2	7463D2	B.P.	W
986F	986D3	3382L	3382L	7463E2	7463E2	C.F.L.	536
986F	986F	3420A	3420A	7483A	7483A	C.F.L.	801B
986F	986G	3422A	3422A	7711A	7711A	C.F.L.	802D
986F	8427B	3422A+	3422A+	7711B	7711B	G.P.	864
986G	339C	3426A	3426A	7711B2	7711B2	G.P.	865
986G	339C2	3426A+	3426A+	8070A	8070A	M.D.	536
986G	339C3	3426L	3426L	8071A	8071A	M.D.	801B
986G	955F	3449L	3449L	8072A	8072A	M.D.	802D
986G	955G	3597A	3597A	8108A	8108A	MW	MW
986G	986D	3597L	3597L	8109A	8109A	W	W
986G	986D2	5214B2	5214B2	8131A	8131A	W108	1843A
986G	986D3	5214C3	5214C3	8131B	8131B	W422	1846A
986G	986F	5214D3	5214D3	8131C2	8131C2	W426	1846A
986G	986G	5301B2	5301B2	8131D2	8131D2		
986G	8427B	5301C3	5301C3	8180A	8180A		
1843A	1843A	5301D3	5301D3	8288A	8288A		

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

ALPHABETIC SOIL MAP LEGEND of Pope County, Illinois

Map Symbol	Soil Name
308D2	Alford silt loam, 10 to 18 percent slopes, eroded
308D3	Alford silt loam, 10 to 18 percent slopes, severely eroded
308E	Alford silt loam, 18 to 25 percent slopes
308E2	Alford silt loam, 18 to 25 percent slopes, eroded
308E3	Alford silt loam, 18 to 25 percent slopes, severely eroded
308B	Alford silt loam, 2 to 5 percent slopes
308F	Alford silt loam, 25 to 35 percent slopes
308C2	Alford silt loam, 5 to 10 percent slopes, eroded
308C3	Alford silt loam, 5 to 10 percent slopes, severely eroded
5308D3	Alford silt loam, karst, 10 to 18 percent slopes, severely eroded
5308E3	Alford silt loam, karst, 18 to 25 percent slopes, severely eroded
5308B2	Alford silt loam, karst, 2 to 5 percent slopes, eroded
5308C3	Alford silt loam, karst, 5 to 10 percent slopes, severely eroded
954D	Alford-Baxter complex, 10 to 18 percent slopes
954D2	Alford-Baxter complex, 10 to 18 percent slopes, eroded
954F	Alford-Baxter complex, 18 to 35 percent slopes
131A	Alvin fine sandy loam, 0 to 2 percent slopes
8131A	Alvin fine sandy loam, 0 to 2 percent slopes, occasionally flooded
131D2	Alvin fine sandy loam, 10 to 18 percent slopes, eroded
8131D2	Alvin fine sandy loam, 10 to 18 percent slopes, eroded, occasionally flooded
131E	Alvin fine sandy loam, 18 to 25 percent slopes
131E2	Alvin fine sandy loam, 18 to 25 percent slopes, eroded
131B	Alvin fine sandy loam, 2 to 5 percent slopes
8131B	Alvin fine sandy loam, 2 to 5 percent slopes, occasionally flooded
131F	Alvin fine sandy loam, 25 to 35 percent slopes
131C	Alvin fine sandy loam, 5 to 10 percent slopes
131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded
8131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded, occasionally flooded
3597A	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded
3597L	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
8597A	Armiesburg silty clay loam, 0 to 2 percent slopes, occasionally flooded
3449L	Armiesburg-Sarpy complex, 0 to 2 percent slopes, frequently flooded, long duration
599D	Baxter gravelly silt loam, 10 to 18 percent slopes
599F	Baxter gravelly silt loam, 18 to 35 percent slopes
599G	Baxter gravelly silt loam, 35 to 70 percent slopes
691D	Beasley silt loam, 12 to 18 percent slopes
691D2	Beasley silt loam, 12 to 18 percent slopes, eroded
691F	Beasley silt loam, 18 to 35 percent slopes
691G	Beasley silt loam, 35 to 70 percent slopes
691C	Beasley silt loam, 5 to 10 percent slopes
691C2	Beasley silt loam, 5 to 10 percent slopes, eroded
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded
3070L	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded
598D	Bedford silt loam, 10 to 18 percent slopes
598D2	Bedford silt loam, 10 to 18 percent slopes, eroded
598D3	Bedford silt loam, 10 to 18 percent slopes, severely eroded
598B	Bedford silt loam, 2 to 5 percent slopes
598C	Bedford silt loam, 5 to 10 percent slopes

ALPHABETIC SOIL MAP LEGEND of Pope County, Illinois - continued

Map Symbol	Soil Name
598C2	Bedford silt loam, 5 to 10 percent slopes, eroded
598C3	Bedford silt loam, 5 to 10 percent slopes, severely eroded
3382A	Belknap silt loam, 0 to 2 percent slopes, frequently flooded
3382L	Belknap silt loam, 0 to 2 percent slopes, frequently flooded, long duration
8382A	Belknap silt loam, 0 to 2 percent slopes, occasionally flooded
3334A	Birds silt loam, 0 to 2 percent slopes, frequently flooded
3334L	Birds silt loam, 0 to 2 percent slopes, frequently flooded, long duration
8334A	Birds silt loam, 0 to 2 percent slopes, occasionally flooded
1843A	Bonnie and Petrolia soils, undrained, 0 to 2 percent slopes, frequently flooded
3108A	Bonnie silt loam, 0 to 2 percent slopes, frequently flooded
3108L	Bonnie silt loam, 0 to 2 percent slopes, frequently flooded, long duration
8108A	Bonnie silt loam, 0 to 2 percent slopes, occasionally flooded
956D	Brandon-Saffell complex, 10 to 18 percent slopes
956D2	Brandon-Saffell complex, 10 to 18 percent slopes, eroded
956D3	Brandon-Saffell complex, 10 to 18 percent slopes, severely eroded
956E2	Brandon-Saffell complex, 18 to 25 percent slopes, eroded
956B	Brandon-Saffell complex, 2 to 5 percent slopes
956F	Brandon-Saffell complex, 25 to 35 percent slopes
956C2	Brandon-Saffell complex, 5 to 10 percent slopes, eroded
956C3	Brandon-Saffell complex, 5 to 10 percent slopes, severely eroded
8427B	Burnside silt loam, 1 to 4 percent slopes, occasionally flooded
3422A+	Cape silt loam, overwash, 0 to 2 percent slopes, frequently flooded
8422A+	Cape silt loam, overwash, 0 to 2 percent slopes, occasionally flooded
3422A	Cape silty clay loam, 0 to 2 percent slopes, frequently flooded
8422A	Cape silty clay loam, 0 to 2 percent slopes, occasionally flooded
471D2	Clarksville gravelly silt loam, 10 to 18 percent slopes, eroded
471D3	Clarksville gravelly silt loam, 10 to 18 percent slopes, severely eroded
471F	Clarksville gravelly silt loam, 25 to 35 percent slopes
471G	Clarksville gravelly silt loam, 35 to 70 percent slopes
7122D2	Colp silt loam, 10 to 18 percent slopes, eroded, rarely flooded
7122B	Colp silt loam, 2 to 5 percent slopes, rarely flooded
7122C2	Colp silt loam, 5 to 10 percent slopes, eroded, rarely flooded
8071A	Darwin clay, 0 to 2 percent slopes, occasionally flooded
3071A	Darwin silty clay, 0 to 2 percent slopes, frequently flooded
3071L	Darwin silty clay, 0 to 2 percent slopes, frequently flooded, long duration
536	Dumps, mine
3180A	Dupo silt loam, 0 to 2 percent slopes, frequently flooded
3180L	Dupo silt loam, 0 to 2 percent slopes, frequently flooded, long duration
8180A	Dupo silt loam, 0 to 2 percent slopes, occasionally flooded
8469A	Emma silty clay loam, 0 to 2 percent slopes, occasionally flooded
8469B	Emma silty clay loam, 2 to 5 percent slopes, occasionally flooded
8469C2	Emma silty clay loam, 5 to 10 percent slopes, eroded, occasionally flooded
7460A	Ginat silt loam, 0 to 2 percent slopes, rarely flooded
301D3	Grantsburg silt loam, 10 to 18 percent slopes, severely eroded
301D2	Grantsburg silt loam, 10 to 18 percent slopes, eroded
301B	Grantsburg silt loam, 2 to 5 percent slopes
301C3	Grantsburg silt loam, 5 to 10 percent slopes percent slopes, severely eroded
301C2	Grantsburg silt loam, 5 to 10 percent slopes, eroded
5301D3	Grantsburg silt loam, karst, 10 to 18 percent slopes, severely eroded
5301B2	Grantsburg silt loam, karst, 2 to 5 percent slopes, eroded

ALPHABETIC SOIL MAP LEGEND of Pope County, Illinois - continued

Map Symbol	Soil Name
5301C3	Grantsburg silt loam, karst, 5 to 10 percent slopes, severely eroded
7711A	Hatfield silt loam, 0 to 2 percent slopes, rarely flooded
7711B2	Hatfield silt loam, 2 to 7 percent slopes, eroded, rarely flooded
7711B	Hatfield silt loam, 2 to 7 percent slopes, rarely flooded
3331A	Haymond silt loam, 0 to 3 percent slopes, frequently flooded
3331L	Haymond silt loam, 0 to 3 percent slopes, frequently flooded, long duration
8331A	Haymond silt loam, 0 to 3 percent slopes, occasionally flooded
8483A	Henshaw silt loam, 0 to 3 percent slopes, occasionally flooded
7483A	Henshaw silt loam, 0 to 3 percent slopes, rarely flooded
214D2	Hosmer silt loam, 10 to 18 percent slopes, eroded
214D3	Hosmer silt loam, 10 to 18 percent slopes, severely eroded
214B	Hosmer silt loam, 2 to 5 percent slopes
214C2	Hosmer silt loam, 5 to 10 percent slopes, eroded
214C3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded
5214D3	Hosmer silt loam, karst, 10 to 18 percent slopes, severely eroded
5214B2	Hosmer silt loam, karst, 2 to 5 percent slopes, eroded
5214C3	Hosmer silt loam, karst, 5 to 10 percent slopes, severely eroded
7338A	Hurst silt loam, 0 to 2 percent slopes, rarely flooded
8693A	Hurst silty clay loam, 0 to 2 percent slopes, occasionally flooded
1846A	Karnak and Cape silty clays, undrained, 0 to 2 percent slopes, frequently flooded
3426A+	Karnak silt loam, overwash, 0 to 2 percent slopes, frequently flooded
8426A+	Karnak silt loam, overwash, 0 to 2 percent slopes, occasionally flooded
8426++	Karnak silty clay loam, ashy, 0 to 2 percent slopes, occasionally flooded
3426A	Karnak silty clay, 0 to 2 percent slopes, frequently flooded
3426L	Karnak silty clay, 0 to 2 percent slopes, frequently flooded, long duration
8426A	Karnak silty clay, 0 to 2 percent slopes, occasionally flooded
175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded
175B	Lamont fine sandy loam, 2 to 5 percent slopes
175C	Lamont fine sandy loam, 5 to 10 percent slopes
175C2	Lamont fine sandy loam, 5 to 10 percent slopes, eroded
MW	Miscellaneous Water
453D2	Muren silt loam, 10 to 18 percent slopes, eroded
453D3	Muren silt loam, 10 to 18 percent slopes, severely eroded
453B	Muren silt loam, 2 to 5 percent slopes
453C2	Muren silt loam, 5 to 10 percent slopes, eroded
453C3	Muren silt loam, 5 to 10 percent slopes, severely eroded
955D	Muskingum and Berks soils, 10 to 18 percent slopes
955D2	Muskingum and Berks soils, 10 to 18 percent slopes, eroded
955F	Muskingum and Berks soils, 18 to 35 percent slopes
955G	Muskingum and Berks soils, 35 to 70 percent slopes
802D	Orthents, loamy, hilly
801B	Orthents, silty, undulating
3288A	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded
3288L	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
8288A	Petrolia silty clay loam, 0 to 2 percent slopes, occasionally flooded
3420A	Piopolis silty clay loam, 0 to 2 percent slopes, frequently flooded
8420A	Piopolis silty clay loam, 0 to 3 percent slopes, occasionally flooded
865	Pits, gravel
864	Pits, quarries
8109A	Raccoon silt loam, 0 to 2 percent slopes, occasionally flooded

ALPHABETIC SOIL MAP LEGEND of Pope County, Illinois - continued

Map Symbol	Soil Name
335B	Robbs silt loam, 1 to 4 percent slopes
99F	Sandstone and Limestone Rock Land, 18 to 35 percent slopes
99G	Sandstone and Limestone Rock Land, 35 to 90 percent slopes
7462A	Sciotoville silt loam, 0 to 2 percent slopes, rarely flooded
7462D2	Sciotoville silt loam, 10 to 18 percent slopes, eroded, rarely flooded
7462D3	Sciotoville silt loam, 10 to 18 percent slopes, severely eroded, rarely flooded
7462B	Sciotoville silt loam, 2 to 5 percent slopes, rarely flooded
7462C2	Sciotoville silt loam, 5 to 10 percent slopes, eroded, rarely flooded
7462C3	Sciotoville silt loam, 5 to 10 percent slopes, severely eroded, rarely flooded
3072A	Sharon silt loam, 0 to 3 percent slopes, frequently flooded
3072L	Sharon silt loam, 0 to 3 percent slopes, frequently flooded, long duration
8072A	Sharon silt loam, 0 to 3 percent slopes, occasionally flooded
164A	Stoy silt loam, 0 to 2 percent slopes
164B	Stoy silt loam, 2 to 5 percent slopes
164C2	Stoy silt loam, 5 to 10 percent slopes, eroded
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
3333L	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, long duration
8333A	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded
5333A	Wakeland silt loam, karst, 0 to 2 percent slopes
W	Water
165A	Weir silt loam, 0 to 2 percent slopes
339D	Wellston silt loam, 10 to 18 percent slopes
339D2	Wellston silt loam, 10 to 18 percent slopes, eroded
339D3	Wellston silt loam, 10 to 18 percent slopes, severely eroded
339F	Wellston silt loam, 18 to 35 percent slopes
339B	Wellston silt loam, 2 to 5 percent slopes
339C	Wellston silt loam, 5 to 10 percent slopes
339C2	Wellston silt loam, 5 to 10 percent slopes, eroded
339C3	Wellston silt loam, 5 to 10 percent slopes, severely eroded
986D	Wellston-Berks complex, 10 to 18 percent slopes
986D2	Wellston-Berks complex, 10 to 18 percent slopes, eroded
986D3	Wellston-Berks complex, 10 to 18 percent slopes, severely eroded
986F	Wellston-Berks complex, 18 to 35 percent slopes
986G	Wellston-Berks complex, 35 to 70 percent slopes
7463A	Wheeling silt loam, 0 to 2 percent slopes, rarely flooded
7463D2	Wheeling silt loam, 10 to 18 percent slopes, eroded, rarely flooded
7463E2	Wheeling silt loam, 18 to 25 percent slopes, eroded, rarely flooded
7463B	Wheeling silt loam, 2 to 5 percent slopes, rarely flooded
7463C2	Wheeling silt loam, 5 to 10 percent slopes, eroded, rarely flooded
340D	Zanesville silt loam, 10 to 18 percent slopes
340D2	Zanesville silt loam, 10 to 18 percent slopes, eroded
340D3	Zanesville silt loam, 10 to 18 percent slopes, severely eroded
340B	Zanesville silt loam, 2 to 5 percent slopes
340C2	Zanesville silt loam, 5 to 10 percent slopes, eroded
340C3	Zanesville silt loam, 5 to 10 percent slopes, severely eroded

NUMERICAL SOIL MAP LEGEND of Pope County, Illinois

Map Symbol	Soil Name
99F	Sandstone and Limestone Rock Land, 18 to 35 percent slopes
99G	Sandstone and Limestone Rock Land, 35 to 90 percent slopes
131A	Alvin fine sandy loam, 0 to 2 percent slopes
131B	Alvin fine sandy loam, 2 to 5 percent slopes
131C	Alvin fine sandy loam, 5 to 10 percent slopes
131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded
131D2	Alvin fine sandy loam, 10 to 18 percent slopes, eroded
131E	Alvin fine sandy loam, 18 to 25 percent slopes
131E2	Alvin fine sandy loam, 18 to 25 percent slopes, eroded
131F	Alvin fine sandy loam, 25 to 35 percent slopes
164A	Stoy silt loam, 0 to 2 percent slopes
164B	Stoy silt loam, 2 to 5 percent slopes
164C2	Stoy silt loam, 5 to 10 percent slopes, eroded
165A	Weir silt loam, 0 to 2 percent slopes
175B	Lamont fine sandy loam, 2 to 5 percent slopes
175C	Lamont fine sandy loam, 5 to 10 percent slopes
175C2	Lamont fine sandy loam, 5 to 10 percent slopes, eroded
175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded
214B	Hosmer silt loam, 2 to 5 percent slopes
214C2	Hosmer silt loam, 5 to 10 percent slopes, eroded
214C3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded
214D2	Hosmer silt loam, 10 to 18 percent slopes, eroded
214D3	Hosmer silt loam, 10 to 18 percent slopes, severely eroded
301B	Grantsburg silt loam, 2 to 5 percent slopes
301C2	Grantsburg silt loam, 5 to 10 percent slopes, eroded
301C3	Grantsburg silt loam, 5 to 10 percent slopes percent slopes, severely eroded
301D2	Grantsburg silt loam, 10 to 18 percent slopes, eroded
301D3	Grantsburg silt loam, 10 to 18 percent slopes, severely eroded
308B	Alford silt loam, 2 to 5 percent slopes
308C2	Alford silt loam, 5 to 10 percent slopes, eroded
308C3	Alford silt loam, 5 to 10 percent slopes, severely eroded
308D2	Alford silt loam, 10 to 18 percent slopes, eroded
308D3	Alford silt loam, 10 to 18 percent slopes, severely eroded
308E	Alford silt loam, 18 to 25 percent slopes
308E2	Alford silt loam, 18 to 25 percent slopes, eroded
308E3	Alford silt loam, 18 to 25 percent slopes, severely eroded
308F	Alford silt loam, 25 to 35 percent slopes
335B	Robbs silt loam, 1 to 4 percent slopes
339B	Wellston silt loam, 2 to 5 percent slopes
339C	Wellston silt loam, 5 to 10 percent slopes
339C2	Wellston silt loam, 5 to 10 percent slopes, eroded
339C3	Wellston silt loam, 5 to 10 percent slopes, severely eroded
339D	Wellston silt loam, 10 to 18 percent slopes
339D2	Wellston silt loam, 10 to 18 percent slopes, eroded
339D3	Wellston silt loam, 10 to 18 percent slopes, severely eroded
339F	Wellston silt loam, 18 to 35 percent slopes
340B	Zanesville silt loam, 2 to 5 percent slopes
340C2	Zanesville silt loam, 5 to 10 percent slopes, eroded
340C3	Zanesville silt loam, 5 to 10 percent slopes, severely eroded

NUMERICAL SOIL MAP LEGEND of Pope County, Illinois – continued

Map Symbol	Soil Name
340D	Zanesville silt loam, 10 to 18 percent slopes
340D2	Zanesville silt loam, 10 to 18 percent slopes, eroded
340D3	Zanesville silt loam, 10 to 18 percent slopes, severely eroded
453B	Muren silt loam, 2 to 5 percent slopes
453C2	Muren silt loam, 5 to 10 percent slopes, eroded
453C3	Muren silt loam, 5 to 10 percent slopes, severely eroded
453D2	Muren silt loam, 10 to 18 percent slopes, eroded
453D3	Muren silt loam, 10 to 18 percent slopes, severely eroded
471D2	Clarksville gravelly silt loam, 10 to 18 percent slopes, eroded
471D3	Clarksville gravelly silt loam, 10 to 18 percent slopes, severely eroded
471F	Clarksville gravelly silt loam, 25 to 35 percent slopes
471G	Clarksville gravelly silt loam, 35 to 70 percent slopes
536	Dumps, mine
598B	Bedford silt loam, 2 to 5 percent slopes
598C	Bedford silt loam, 5 to 10 percent slopes
598C2	Bedford silt loam, 5 to 10 percent slopes, eroded
598C3	Bedford silt loam, 5 to 10 percent slopes, severely eroded
598D	Bedford silt loam, 10 to 18 percent slopes
598D2	Bedford silt loam, 10 to 18 percent slopes, eroded
598D3	Bedford silt loam, 10 to 18 percent slopes, severely eroded
599D	Baxter gravelly silt loam, 10 to 18 percent slopes
599F	Baxter gravelly silt loam, 18 to 35 percent slopes
599G	Baxter gravelly silt loam, 35 to 70 percent slopes
691C	Beasley silt loam, 5 to 10 percent slopes
691C2	Beasley silt loam, 5 to 10 percent slopes, eroded
691D	Beasley silt loam, 12 to 18 percent slopes
691D2	Beasley silt loam, 12 to 18 percent slopes, eroded
691F	Beasley silt loam, 18 to 35 percent slopes
691G	Beasley silt loam, 35 to 70 percent slopes
801B	Orthents, silty, undulating
802D	Orthents, loamy, hilly
864	Pits, quarries
865	Pits, gravel
954D	Alford-Baxter complex, 10 to 18 percent slopes
954D2	Alford-Baxter complex, 10 to 18 percent slopes, eroded
954F	Alford-Baxter complex, 18 to 35 percent slopes
955D	Muskingum and Berks soils, 10 to 18 percent slopes
955D2	Muskingum and Berks soils, 10 to 18 percent slopes, eroded
955F	Muskingum and Berks soils, 18 to 35 percent slopes
955G	Muskingum and Berks soils, 35 to 70 percent slopes
956B	Brandon-Saffell complex, 2 to 5 percent slopes
956C2	Brandon-Saffell complex, 5 to 10 percent slopes, eroded
956C3	Brandon-Saffell complex, 5 to 10 percent slopes, severely eroded
956D	Brandon-Saffell complex, 10 to 18 percent slopes
956D2	Brandon-Saffell complex, 10 to 18 percent slopes, eroded
956D3	Brandon-Saffell complex, 10 to 18 percent slopes, severely eroded
956E2	Brandon-Saffell complex, 18 to 25 percent slopes, eroded
956F	Brandon-Saffell complex, 25 to 35 percent slopes
986D	Wellston-Berks complex, 10 to 18 percent slopes

NUMERICAL SOIL MAP LEGEND of Pope County, Illinois – continued

Map Symbol	Soil Name
986D2	Wellston-Berks complex, 10 to 18 percent slopes, eroded
986D3	Wellston-Berks complex, 10 to 18 percent slopes, severely eroded
986F	Wellston-Berks complex, 18 to 35 percent slopes
986G	Wellston-Berks complex, 35 to 70 percent slopes
1843A	Bonnie and Petrolia soils, undrained, 0 to 2 percent slopes, frequently flooded
1846A	Karnak and Cape silty clays, undrained, 0 to 2 percent slopes, frequently flooded
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded
3070L	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
3071A	Darwin silty clay, 0 to 2 percent slopes, frequently flooded
3071L	Darwin silty clay, 0 to 2 percent slopes, frequently flooded, long duration
3072A	Sharon silt loam, 0 to 3 percent slopes, frequently flooded
3072L	Sharon silt loam, 0 to 3 percent slopes, frequently flooded, long duration
3108A	Bonnie silt loam, 0 to 2 percent slopes, frequently flooded
3108L	Bonnie silt loam, 0 to 2 percent slopes, frequently flooded, long duration
3180A	Dupo silt loam, 0 to 2 percent slopes, frequently flooded
3180L	Dupo silt loam, 0 to 2 percent slopes, frequently flooded, long duration
3288A	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded
3288L	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
3331A	Haymond silt loam, 0 to 3 percent slopes, frequently flooded
3331L	Haymond silt loam, 0 to 3 percent slopes, frequently flooded, long duration
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
3333L	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, long duration
3334A	Birds silt loam, 0 to 2 percent slopes, frequently flooded
3334L	Birds silt loam, 0 to 2 percent slopes, frequently flooded, long duration
3382A	Belknap silt loam, 0 to 2 percent slopes, frequently flooded
3382L	Belknap silt loam, 0 to 2 percent slopes, frequently flooded, long duration
3420A	Piopolis silty clay loam, 0 to 2 percent slopes, frequently flooded
3422A	Cape silty clay loam, 0 to 2 percent slopes, frequently flooded
3422A+	Cape silt loam, overwash, 0 to 2 percent slopes, frequently flooded
3426A	Karnak silty clay, 0 to 2 percent slopes, frequently flooded
3426A+	Karnak silt loam, overwash, 0 to 2 percent slopes, frequently flooded
3426L	Karnak silty clay, 0 to 2 percent slopes, frequently flooded, long duration
3449L	Armiesburg-Sarpy complex, 0 to 2 percent slopes, frequently flooded, long duration
3597A	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded
3597L	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration
5214B2	Hosmer silt loam, karst, 2 to 5 percent slopes, eroded
5214C3	Hosmer silt loam, karst, 5 to 10 percent slopes, severely eroded
5214D3	Hosmer silt loam, karst, 10 to 18 percent slopes, severely eroded
5301B2	Grantsburg silt loam, karst, 2 to 5 percent slopes, eroded
5301C3	Grantsburg silt loam, karst, 5 to 10 percent slopes, severely eroded
5301D3	Grantsburg silt loam, karst, 10 to 18 percent slopes, severely eroded
5308B2	Alford silt loam, karst, 2 to 5 percent slopes, eroded
5308C3	Alford silt loam, karst, 5 to 10 percent slopes, severely eroded
5308D3	Alford silt loam, karst, 10 to 18 percent slopes, severely eroded
5308E3	Alford silt loam, karst, 18 to 25 percent slopes, severely eroded
5333A	Wakeland silt loam, karst, 0 to 2 percent slopes
7122B	Colp silt loam, 2 to 5 percent slopes, rarely flooded
7122C2	Colp silt loam, 5 to 10 percent slopes, eroded, rarely flooded
7122D2	Colp silt loam, 10 to 18 percent slopes, eroded, rarely flooded

NUMERICAL SOIL MAP LEGEND of Pope County, Illinois – continued

Map Symbol	Soil Name
7338A	Hurst silt loam, 0 to 2 percent slopes, rarely flooded
7460A	Ginat silt loam, 0 to 2 percent slopes, rarely flooded
7462A	Sciotoville silt loam, 0 to 2 percent slopes, rarely flooded
7462B	Sciotoville silt loam, 2 to 5 percent slopes, rarely flooded
7462C2	Sciotoville silt loam, 5 to 10 percent slopes, eroded, rarely flooded
7462C3	Sciotoville silt loam, 5 to 10 percent slopes, severely eroded, rarely flooded
7462D2	Sciotoville silt loam, 10 to 18 percent slopes, eroded, rarely flooded
7462D3	Sciotoville silt loam, 10 to 18 percent slopes, severely eroded, rarely flooded
7463A	Wheeling silt loam, 0 to 2 percent slopes, rarely flooded
7463B	Wheeling silt loam, 2 to 5 percent slopes, rarely flooded
7463C2	Wheeling silt loam, 5 to 10 percent slopes, eroded, rarely flooded
7463D2	Wheeling silt loam, 10 to 18 percent slopes, eroded, rarely flooded
7463E2	Wheeling silt loam, 18 to 25 percent slopes, eroded, rarely flooded
7483A	Henshaw silt loam, 0 to 3 percent slopes, rarely flooded
7711A	Hatfield silt loam, 0 to 2 percent slopes, rarely flooded
7711B	Hatfield silt loam, 2 to 7 percent slopes, rarely flooded
7711B2	Hatfield silt loam, 2 to 7 percent slopes, eroded, rarely flooded
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded
8071A	Darwin clay, 0 to 2 percent slopes, occasionally flooded
8072A	Sharon silt loam, 0 to 3 percent slopes, occasionally flooded
8108A	Bonnie silt loam, 0 to 2 percent slopes, occasionally flooded
8109A	Raccoon silt loam, 0 to 2 percent slopes, occasionally flooded
8131A	Alvin fine sandy loam, 0 to 2 percent slopes, occasionally flooded
8131B	Alvin fine sandy loam, 2 to 5 percent slopes, occasionally flooded
8131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded, occasionally flooded
8131D2	Alvin fine sandy loam, 10 to 18 percent slopes, eroded, occasionally flooded
8180A	Dupo silt loam, 0 to 2 percent slopes, occasionally flooded
8288A	Petrolia silty clay loam, 0 to 2 percent slopes, occasionally flooded
8331A	Haymond silt loam, 0 to 3 percent slopes, occasionally flooded
8333A	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded
8334A	Birds silt loam, 0 to 2 percent slopes, occasionally flooded
8382A	Belknap silt loam, 0 to 2 percent slopes, occasionally flooded
8420A	Piopolis silty clay loam, 0 to 3 percent slopes, occasionally flooded
8422A	Cape silty clay loam, 0 to 2 percent slopes, occasionally flooded
8422A+	Cape silt loam, overwash, 0 to 2 percent slopes, occasionally flooded
8426++	Karnak silty clay loam, ashy, 0 to 2 percent slopes, occasionally flooded
8426A	Karnak silty clay, 0 to 2 percent slopes, occasionally flooded
8426A+	Karnak silt loam, overwash, 0 to 2 percent slopes, occasionally flooded
8427B	Burnside silt loam, 1 to 4 percent slopes, occasionally flooded
8469A	Emma silty clay loam, 0 to 2 percent slopes, occasionally flooded
8469B	Emma silty clay loam, 2 to 5 percent slopes, occasionally flooded
8469C2	Emma silty clay loam, 5 to 10 percent slopes, eroded, occasionally flooded
8483A	Henshaw silt loam, 0 to 3 percent slopes, occasionally flooded
8597A	Armiesburg silty clay loam, 0 to 2 percent slopes, occasionally flooded
8693A	Hurst silty clay loam, 0 to 2 percent slopes, occasionally flooded
MW	Miscellaneous Water
W	Water

**Notes To Accompany The Classification And Correlation Of
Pope County, Illinois**

1. Temperature studies indicate, in general, the soils on the uplands are mesic and the soils on the Mississippi River bottomlands are thermic; thus both regimes were used in the survey area. (Union County Correlation - August 1977.) Two follow-up soil temperature studies (1997-2001) have been conducted during this update.
2. Slopes were adjusted to fit the Southern 7 Legend. Slope classes of map units on the published legend differ from slope classes in this legend in the following ways:

PUBLISHED		UPDATE	
SLOPE	PERCENT	SLOPE	PERCENT
A	0-2	A	0-2
B	2-4	B	2-5
C	4-7	C	5-10
D	7-12	D	10-18
E	12-18	E	18-25
F	18-30	F	25-35
G	30-60	F	18-35
		G	35-70

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

MAJOR	MINOR
A goes to A	
B goes to B	
C goes to C	C to B
D goes to C	
D goes to D	
E goes to D	
F goes to E	F to F
G goes to G	G to F

4. Where published and update slope classes overlap, slope maps and field investigations have been used to determine line placement and mapunit slope designation.
5. Multiple correlations exist because of slope adjustment, better slope definition, slope overlap of adjacent mapping units and because we are using a larger mapscale.
6. Published map units on slopes of 0 to 2 percent did not have a slope letter in the map symbol and the slope range was not in the mapunit name. Also, alluvial soils did not have flooding frequency or duration in the mapunit name.

**Notes To Accompany The Classification And Correlation Of
Pope County, Illinois - continued**

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

Prefix	Description	Suffix	Description
1	undrained, frequently flooded	L	Long duration
3	Frequently flooded		
5	karst		
7	Rarely flooded		
8	Occasionally flooded		

8. The published soil survey recognized both acid and non-acid alluvial soils. In some areas where field studies and soil data are available acid to non-acid and non-acid to acid correlations were made. This resulted in multiple acid/non-acid correlations of some of the alluvial soils.
9. The published soil survey recognized fragipan soils on slopes greater than 18 percent. A correlation decision was made based field studies and soil laboratory data to correlate fragipan soils on slopes steeper than 18 percent to soils without fragipans. This often resulted in multiple correlations based on landform and soil type.
10. The published soil survey did not correlate karst soils. This update correlates karst mapping units on landforms where karst exist.
11. Crop yields for component and data mapunit were populated as instructed by using Illinois Circular 1156 "Soil Productivity in Illinois". Yield adjustments were made for slope, erosion and flooding frequency. If yield information was not available in this circular, then Illinois Bulletin 810 "Average Crop, Pasture, and Forestry Productivity Ratings for Illinois Soils" was used.
12. Site indexes were populated using data supplied by Bryan Fitch, Soil Scientist, USFS. Site indexes were populated for components using Illinois Bulletin 810 "Average Crop, Pasture, and Forestry Productivity Ratings for Illinois Soils". Yield adjustments were made for slope phase and erosion class.

**Mapunit History Notes For
Pope County, Illinois**

Map Symbol	Map Unit Name	Mapunit History Notes
99F	Sandstone and Limestone Rock Land, 18 to 35 percent slopes	Correlated sandstone and shale rock outcrop (9) and limestone rock outcrop (94) to and undifferentiated mapping unit of Sandstone and Limestone Rock Land.
99G	Sandstone and Limestone Rock Land, 35 to 90 percent slopes	Correlated sandstone and shale rock outcrop (9) and limestone rock outcrop (94) to and undifferentiated mapping unit of Sandstone and Limestone Rock Land.
335B	Robbs silt loam, 1 to 4 percent slopes	A few areas originally mapped Grantsburg (301B) are correlated to Robbs (335B). These areas are concave and often show up as A slopes on the slope maps.
453B	Muren silt loam, 2 to 5 percent slopes	Muren soils were correlated from soils previously mapped as Alford in the published soil surveys. Muren soils occur on lower positions of backslopes and footslopes of simple and complex slopes where the slope becomes concave.
956C2	Brandon-Saffell complex, 5 to 10 percent slopes, eroded	Soils were originally mapped as Lax (628) soils and Hosmer-Lax (953) complex in the published soil survey. In this update the Lax (628) and Hosmer-Lax (953) soils are correlated to Brandon-Saffell complex (956) silt loams.
956C3	Brandon-Saffell complex, 5 to 10 percent slopes, severely eroded	Soils were originally mapped as Lax (628) soils and Hosmer-Lax (953) complex in the published soil survey. In this update the Lax (628) and Hosmer-Lax (953) soils are correlated to Brandon-Saffell complex (956) silt loams.
956D	Brandon-Saffell complex, 10 to 18 percent slopes	Soils were originally mapped as Lax (628) soils and Hosmer-Lax (953) complex in the published soil survey. In this update the Lax (628) and Hosmer-Lax (953) soils are correlated to Brandon-Saffell complex (956) silt loams.
956D2	Brandon-Saffell complex, 10 to 18 percent slopes, eroded	Soils were originally mapped as Lax (628) soils and Hosmer-Lax (953) complex in the published soil survey. In this update the Lax (628) and Hosmer-Lax (953) soils are correlated to Brandon-Saffell complex (956) silt loams.
956D3	Brandon-Saffell complex, 10 to 18 percent slopes, severely eroded	Soils were originally mapped as Lax (628) soils and Hosmer-Lax (953) complex in the published soil survey. In this update the Lax (628) and Hosmer-Lax (953) soils are correlated to Brandon-Saffell complex (956) silt loams.
956E2	Brandon-Saffell complex, 18 to 25 percent slopes, eroded	Soils were originally mapped as Lax (628) soils and Hosmer-Lax (953) complex in the published soil survey. In this update the Lax (628) and Hosmer-Lax (953) soils are correlated to Brandon-Saffell complex (956) silt loams.
956F	Brandon-Saffell complex, 25 to 35 percent slopes	Soils were originally mapped as Lax (628) soils and Hosmer-Lax (953) complex in the published soil survey. In this update the Lax (628) and Hosmer-Lax (953) soils are correlated to Brandon-Saffell complex (956) silt loams.
1846A	Karnak and Cape silty clays, undrained, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as wet Karnak (W426) and wet Cape (W422) in the published soil survey. Created an undifferentiated mapping unit (1846A), Karnak and Cape soils, undrained, 0 to 2 percent slopes. The update correlates these soils to this undifferentiated group.

Mapunit History Notes - continued

Map Symbol	Map Unit Name	Mapunit History Notes
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as Beaucoup (70) in the published soil survey. Some of the soils in this update are correlated to Beaucoup, 3070A. They occur near some of the rivers and in seep areas on the protected side of the levee.
3070L	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	Soils were originally mapped as Beaucoup (70) in the published soil survey. Some of the soils in this update are correlated to Beaucoup, 3070L. These soils are found on the unprotected side of the levee.
3071A	Darwin silty clay, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as Darwin (525) and Darwin (071) in the published soil survey. This update correlates the Darwin (525) and some of the Darwin soils found in seep areas on the protected side of the levee to Darwin 3070A.
3071L	Darwin silty clay, 0 to 2 percent slopes, frequently flooded, long duration	Soils were originally mapped as Darwin (071) in the published soil survey. This update correlates some of the Darwin soils mapped on the unprotected side of the levee to Darwin 3070L.
3072A	Sharon silt loam, 0 to 3 percent slopes, frequently flooded	Soils were originally mapped as Sharon (072) in the published soil survey. This update correlates some of the Sharon soils found in seep areas on the protected side of the levee to Sharon 3072A.
3072L	Sharon silt loam, 0 to 3 percent slopes, frequently flooded, long duration	Soils were originally mapped as Sharon (072) in the published soil survey. This update correlates some of the Sharon soils mapped on the unprotected side of the levee to Sharon 3072L.
3180A	Dupo silt loam, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as Dupo (180) in the published soil survey. This update correlates Dupo soils found in seep areas on the protected side of the levee to Dupo 3180A.
3180L	Dupo silt loam, 0 to 2 percent slopes, frequently flooded, long duration	Soils were originally mapped as Dupo (180) in the published soil survey. This update correlates some of the Dupo soils mapped on the unprotected side of the levee to Dupo 3180L.
3288A	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as Petrolia (288) in the published soil survey. This update correlates Petrolia soils found in seep areas on the protected side of the levee to Petrolia 3288A.
3288L	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	Soils were originally mapped as Petrolia (288) in the published soil survey. This update correlates some of the Petrolia soils mapped on the unprotected side of the levee to Petrolia 3288L.
3331A	Haymond silt loam, 0 to 3 percent slopes, frequently flooded	Soils were originally mapped as Haymond (331) in the published soil survey. This update correlates Haymond soils found in seep areas on the protected side of the levee to Haymond 3331A.
3331L	Haymond silt loam, 0 to 3 percent slopes, frequently flooded, long duration	Soils were originally mapped as Haymond (331) in the published soil survey. This update correlates some of the Haymond soils mapped on the unprotected side of the levee to Haymond 3331L.
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as Wakeland (333) in the published soil survey. This update correlates Wakeland soils found in seep areas on the protected side of the levee to Wakeland 3333A.
3333L	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, long duration	Soils were originally mapped as Wakeland (333) in the published soil survey. This update correlates some of the Wakeland soils mapped on the unprotected side of the levee to Wakeland 3333L.

Mapunit History Notes - continued

Map Symbol	Map Unit Name	Mapunit History Notes
3334A	Birds silt loam, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as Bonnie (108) in the published soil survey. This update correlates some of the Bonnie (108) to Birds (3334A). It is found in seep areas on the protected side of the levee.
3334L	Birds silt loam, 0 to 2 percent slopes, frequently flooded, long duration	Soils were originally mapped as Bonnie (108) in the published soil survey. This update correlates some of the Bonnie (108) mapped on the unprotected side of the levee to Birds (3334L).
3420A	Piopolis silty clay loam, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as Petrolia (288) in the published soil survey. Some of the non-acid Petrolia (288) soils in this update are correlated to acid Piopolis (3420A).
3426A	Karnak silty clay, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as Karnak (426) in the published soil survey. Some of the soils in this update are correlated to Karnak, 3426A. They occur near some of the rivers and in seep areas on the protected side of the levee.
3426L	Karnak silty clay, 0 to 2 percent slopes, frequently flooded, long duration	Soils were originally mapped as Karnak (426) in the published soil survey. Some of the soils in this update are correlated to Karnak, 3426L. These soils are found on the unprotected side of the levee.
3449L	Armiesburg-Sarpy complex, 0 to 2 percent slopes, frequently flooded, long duration	The Armiesburg-Sarpy complex (3449L) was created to correlate soils mapped as Alluvial land (mu 455) in the published soil surveys.
3597A	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded	Soils were originally mapped as Armiesburg (597) and Huntington (600) in the published soil survey. This update correlates some of the Armiesburg and Huntington (600) soils found in seep areas on the protected side of the levee to Armiesburg (3597A) soils.
3597L	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	Soils were originally mapped as Armiesburg (597) and Huntington (600) in the published soil survey. This update correlates some of the Armiesburg and Huntington (600) soils mapped on the unprotected side of the levee to Armiesburg (3597L) soils.
5333A	Wakeland silt loam, karst, 0 to 2 percent slopes	New map unit created for karst soil areas in the Southern 7. Correlated any sinks in karst units big enough to delineate to 5333A.
7122B	Colp silt loam, 2 to 5 percent slopes, rarely flooded	Soils were originally mapped as Markland (467) soils in the published soil survey. In this update the Markland soils are correlated to Colp (122).
7122C2	Colp silt loam, 5 to 10 percent slopes, eroded, rarely flooded	Soils were originally mapped as Markland (467) soils in the published soil survey. In this update the Markland soils are correlated to Colp (122).
7122D2	Colp silt loam, 10 to 18 percent slopes, eroded, rarely flooded	Soils were originally mapped as Markland (467) soils in the published soil survey. In this update the Markland soils are correlated to Colp (122).
7338A	Hurst silt loam, 0 to 2 percent slopes, rarely flooded	Soils were originally mapped as McGary (173) soils in the published soil survey. In this update the McGary (173) soils are correlated to Hurst (338) silt loam.

Mapunit History Notes - continued

Map Symbol	Map Unit Name	Mapunit History Notes
7462A	Sciotoville silt loam, 0 to 2 percent slopes, rarely flooded	Soils were originally mapped as Sciotoville (462) in the published soil survey. This update correlates Sciotoville (462) as a taxadjunct to the Sciotoville series. The soils mapped as Sciotoville in the Southern 7 counties have a fragic horizon, not a well developed fragipan like the established series and are classified as Fragiaquic Hapludalfs.
7462B	Sciotoville silt loam, 2 to 5 percent slopes, rarely flooded	Soils were originally mapped as Sciotoville (462) in the published soil survey. This update correlates Sciotoville (462) as a taxadjunct to the Sciotoville series. The soils mapped as Sciotoville in the Southern 7 counties have a fragic horizon, not a well developed fragipan like the established series and are classified as Fragiaquic Hapludalfs.
7462C2	Sciotoville silt loam, 5 to 10 percent slopes, eroded, rarely flooded	Soils were originally mapped as Sciotoville (462) in the published soil survey. This update correlates Sciotoville (462) as a taxadjunct to the Sciotoville series. The soils mapped as Sciotoville in the Southern 7 counties have a fragic horizon, not a well developed fragipan like the established series and are classified as Fragiaquic Hapludalfs.
7462C3	Sciotoville silt loam, 5 to 10 percent slopes, severely eroded, rarely flooded	Soils were originally mapped as Sciotoville (462) in the published soil survey. This update correlates Sciotoville (462) as a taxadjunct to the Sciotoville series. The soils mapped as Sciotoville in the Southern 7 counties have a fragic horizon, not a well developed fragipan like the established series and are classified as Fragiaquic Hapludalfs.
7462D2	Sciotoville silt loam, 10 to 18 percent slopes, eroded, rarely flooded	Soils were originally mapped as Sciotoville (462) in the published soil survey. This update correlates Sciotoville (462) as a taxadjunct to the Sciotoville series. The soils mapped as Sciotoville in the Southern 7 counties have a fragic horizon, not a well developed fragipan like the established series and are classified as Fragiaquic Hapludalfs.
7462D3	Sciotoville silt loam, 10 to 18 percent slopes, severely eroded, rarely flooded	Soils were originally mapped as Sciotoville (462) in the published soil survey. This update correlates Sciotoville (462) as a taxadjunct to the Sciotoville series. The soils mapped as Sciotoville in the Southern 7 counties have a fragic horizon, not a well developed fragipan like the established series and are classified as Fragiaquic Hapludalfs.
7483A	Henshaw silt loam, 0 to 3 percent slops, rarely flooded	Soils were originally mapped as Reesville (723) in the published soil survey. In this update the Reesville (723) soils are correlated to Henshaw (483) soils.
7711A	Hatfield silt loam, 0 to 2 percent slopes, rarely flooded	Soils were originally mapped as Weinbach (461) in the published soil survey. In this update the Weinbach (461) soils are correlated to Hatfield (711) soils.
7711B	Hatfield silt loam, 2 to 7 percent slopes, rarely flooded	Soils were originally mapped as Weinbach (461) in the published soil survey. In this update the Weinbach (461) soils are correlated to Hatfield (711) soils.
7711B2	Hatfield silt loam, 2 to 7 percent slopes, eroded, rarely flooded	Soils were originally mapped as Weinbach (461) in the published soil survey. In this update the Weinbach (461) soils are correlated to Hatfield (711) soils.

Mapunit History Notes - continued

Map Symbol	Map Unit Name	Mapunit History Notes
8070A	Beaucoup silty clay loam, 0 to 2 percent slopes, occasionally flooded	Soils were originally mapped as Beaucoup (70) in the published soil survey. Some of the soils in this update are correlated to Beaucoup, 8070A. They occur near some of the rivers and on the protected side of the levee.
8071A	Darwin clay, 0 to 2 percent slopes, occasionally flooded	Soils were originally mapped as Darwin (71) in the published soil survey. Some of the soils in this update are correlated to Darwin, 8071A. They occur near some of the rivers and on the protected side of the levee.
8072A	Sharon silt loam, 0 to 3 percent slopes, occasionally flooded	Soils were originally mapped as Sharon (072) in the published soil survey. This update correlates some of the Sharon soils found in the upland drains to Sharon 8072A.
8180A	Dupo silt loam, 0 to 2 percent slopes, occasionally flooded	Soils were originally mapped as Dupo (180) in the published soil survey. Some of the soils in this update are correlated to Dupo, 8180A. They occur near some of the rivers and on the protected side of the levee.
8334A	Birds silt loam, 0 to 2 percent slopes, occasionally flooded	Soils were originally mapped as Bonnie (108) in the published soil survey. This update correlates some of the Bonnie (108) mapped in the upland drains to Birds 8334A.
8420A	Piopolis silty clay loam, 0 to 3 percent slopes, occasionally flooded	Soils were originally mapped as Petrolia (288) in the published soil survey. Some of the non-acid Petrolia (288) soils in this update are correlated to acid Piopolis (8420A).
8426A	Karnak silty clay, 0 to 2 percent slopes, occasionally flooded	Soils were originally mapped as Karnak (426) in the published soil survey. Some of the soils in this update are correlated to Karnak, 8426A. They occur on the protected side of the levee.
8483A	Henshaw silt loam, 0 to 3 percent slopes, occasionally flooded	Soils were originally mapped as Reesville (723) in the published soil survey. In this update the Reesville (723) soils are correlated to Henshaw (483) soils.
8597A	Armiesburg silty clay loam, 0 to 2 percent slopes, occasionally flooded	Soils were originally mapped as Armiesburg (597) and Huntington (600) soils in the published soil survey. This update correlates some of the Armiesburg (597) and Huntington (600) soils are correlated to Armiesburg (8597A). They occur near some of the rivers and on the protected side of the levee.

Pope County Correlation Notes by Soil Series

SERIES NAME	SERIES NOTES
Alford	The typical pedon is from Hardin County, Illinois.
Alvin	The typical pedon is from Massac County, Illinois.
Armiesburg	The typical pedon is from Massac County, Illinois.
Baxter	The typical pedon is from Union County, Illinois.
Beasley	The typical pedon is from Pope County, Illinois.
Beaucoup	The typical pedon is from Monroe County, Illinois.
Bedford	The typical pedon is from Hardin County, Illinois.
Belknap	The typical pedon is from Massac County, Illinois
Berks	The typical pedon is from Massac County, Illinois
Birds	The typical pedon is from Madison County, Illinois. University of Illinois Department of Transportation Engineering Test data from sample 75IL091-3-1 correlated pedon sampled as Birds.
Bonnie	The typical pedon is from Alexander County, Illinois.
Brandon	The typical pedon is from Massac County, Illinois.
Burnside	The typical pedon is from Johnson County, Illinois.
Cape	The typical pedon is from Saline County, Illinois (OSD location).
Clarksville	The typical pedon is from Hardin County, Illinois.
Colp	The typical pedon is from Monroe County, Illinois (OSD type location).
Darwin	The typical pedon is from Madison County, Illinois.
Dupo	The typical pedon is from Randolph County, Illinois (OSD type location). SCS analyzed at the University of Illinois Soils Lab data from sample S72IL-91-15 (1-8)sampled as Unnamed and correlated to Dupo.
Emma	The typical pedon is from Gallatin County, Illinois.
Ginat	The typical pedon is from Pope County, Illinois.
Grantsburg	The typical pedon is from Pope County, Illinois (OSD type location).
Hatfield	Weinbach correlated to Hatfield. Type location is the same location as Weinbach in Massac County, Illinois.
Haymond	The typical pedon is from Union County, Illinois. University of Illinois Department of Transportation Engineering Test data from sample 75IL091-4-1 sampled and correlated as Haymond.
Henshaw	Reesville soils correlated to Henshaw. The typical pedon is from White County, Illinois.

Pope County Correlation Notes by Soil Series - continued

SERIES NAME	SERIES NOTES
Hosmer	The typical pedon is from Union County, Illinois. Soil Survey Investigation Unit, Lincoln, NE samples S73IL-91-35(73LI020-22), S73IL-91-36(73LI023-25) were sampled and correlated as Hosmer. Sample S73IL-91-37(73LI026-28) was sampled as Muren and correlated as Hosmer. University of Illinois Department of Transportation Engineering Test data from sample 75IL091-5-(1-2) sampled and correlated as Hosmer.
Hurst	The typical pedon is from Williamson County, Illinois.
Karnak	The typical pedon is from Massac County, Illinois (OSD type location).
Lamont	The typical pedon is from Massac County, Illinois.
Muren	The typical pedon is from White County, Illinois. Some of the Alford soils were correlated to Muren. Muren soils occur on nearly level to strongly sloping ridgetops and side slopes on loess hills. On complex slopes Muren soils occur on the upper footslopes and lower portions on the backslopes.
Muskingum	The typical pedon is from Pope County, Illinois.
Petrolia	The typical pedon is from Clinton County, Illinois.
Piopolis	The typical pedon is from Hamilton County, Illinois (OSD type location).
Racoon	The typical pedon is from Saline County, Illinois (OSD type location).
Robbs	The typical pedon is from Johnson County, Illinois.
Saffell	The typical pedon is from Massac County, Illinois
Sarpy	The typical pedon is from Monroe County, Illinois.
Sciotoville	The typical pedon is from Massac County, Illinois. The Sciotoville soils are taxadjuncts to the series. They have a fragic horizon, not a well developed fragipan like the established series. They classify as Fragiaquic Hapludalfs.
Sharon	The typical pedon is from Williamson County, Illinois (OSD type location).
Stoy	The typical pedon is from Gallatin County, Illinois (OSD type location). Stoy soils have fragic properties.
Wakeland	The typical pedon is from Madison County, Illinois.
Weir	The typical pedon is from Massac County, Illinois.
Wellston	The typical pedon is from Randolph County, Illinois.
Wheeling	The typical pedon is from Massac County, Illinois.
Zanesville	The typical pedon is from Pope County, Illinois.

Classification of the Soils of Pope 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
Alford-----	Fine-silty, mixed, superactive, mesic Ultic Hapludalfs
Alvin-----	Coarse-loamy, mixed, superactive, mesic Typic Hapludalfs
Armiesburg-----	Fine-silty, mixed, superactive, mesic Fluventic Hapludolls
Baxter-----	Fine, mixed, semiactive, mesic Typic Paleudalfs
Beasley-----	Fine, mixed, active, mesic Typic Hapludalfs
Beaucoup-----	Fine-silty, mixed, superactive, mesic Fluvaquentic Endoaquolls
Bedford-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Belknap-----	Coarse-silty, mixed, active, acid, mesic Fluvaquentic Endoaquepts
Berks-----	Loamy-skeletal, mixed, active, mesic Typic Dystrudepts
Birds-----	Fine-silty, mixed, superactive, nonacid, mesic Typic Fluvaquents
Bonnie-----	Fine-silty, mixed, active, acid, mesic Typic Fluvaquents
Brandon-----	Fine-silty, mixed, semiactive, thermic Typic Hapludults
Burnside-----	Loamy-skeletal, mixed, active, mesic Oxyaquic Dystrudepts
Cape-----	Fine, smectitic, acid, mesic Vertic Endoaquepts
Clarksville-----	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults
Colp-----	Fine, smectitic, mesic Aquertic Chromic Hapludalfs
Darwin-----	Fine, smectitic, mesic Fluvaquentic Vertic Endoaquolls
Dupo-----	Coarse-silty over clayey, mixed over smectitic, superactive, nonacid, mesic Aquic Udifluvents
Emma-----	Fine-silty, mixed, active, mesic Oxyaquic Dystrudepts
Ginat-----	Fine-silty, mixed, active, mesic Typic Endoaqualfs
Grantsburg-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Hatfield-----	Fine-silty, mixed, active, mesic Aeric Fragic Epiaqualfs
Haymond-----	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Henshaw-----	Fine-silty, mixed, active, mesic Aquic Hapludalfs
Hosmer-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Hurst-----	Fine, smectitic, mesic Aeric Chromic Vertic Epiaqualfs
Karnak-----	Fine, smectitic, nonacid, mesic Vertic Endoaquepts
Lamont-----	Coarse-loamy, mixed, superactive, mesic Typic Hapludalfs
Muren-----	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
Muskingum-----	Fine-loamy, mixed, semiactive, mesic Typic Dystrudepts
Okaw-----	Fine, smectitic, mesic Chromic Vertic Albaqualfs
¹ Orthents, loamy-----	Fine-loamy, mixed, active, nonacid, mesic Typic Udorthents
² Orthents, silty-----	Fine-silty, mixed, superactive, nonacid, mesic Aquic Udorthents
Petrolia-----	Fine-silty, mixed, superactive, nonacid, mesic Fluvaquentic Endoaquepts
Piopolis-----	Fine-silty, mixed, active, acid, mesic Fluvaquentic Endoaquepts
Raccoon-----	Fine-silty, mixed, superactive, mesic Typic Endoaqualfs
Robbs-----	Fine-silty, mixed, active, mesic Aquic Fragiudalfs
Saffell-----	Loamy-skeletal, siliceous, semiactive, thermic Typic Hapludults
Sarpy-----	Mixed, mesic Typic Udipsamments
³ Sciotoville-----	Fine-silty, mixed, active, mesic Fragiaquic Hapludalfs
Sharon-----	Coarse-silty, mixed, active, acid, mesic Oxyaquic Udifluvents
Stoy-----	Fine-silty, mixed, superactive, mesic Fragiaquic Hapludalfs
Wakeland-----	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Weir-----	Fine, smectitic, mesic Typic Endoaqualfs
Wellston-----	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Wheeling-----	Fine-loamy, mixed, active, mesic Ultic Hapludalfs
Zanesville-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalf

¹ Loamy Orthents are usually cut and fill areas on uplands. They are mainly borrow pits and fill areas.

² Silty Orthents are usually the levees along the Ohio River.

³ Sciotoville soils do not have a fragipan. These soils have fragic soil properties in the series control section.

Certification Statement

The MLRA Region 11 Team Leader certifies that:

- a. The fieldwork activities were completed in November 2000.
- b. Pope County joins Hardin County to the east, Massac County to the southwest, Johnson County to the west, Williamson County to the northwest and Saline County to the north. It is bounded by the Ohio River on the southeast.

Hardin, Massac and Johnson Counties - Update in progress-exact join when the updates are complete.
Williamson County – Modern soil survey (1959)
Saline County – Modern soil survey (1978)
- 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's 120 and 134. Not all typical pedons are located in Pope County but are within other subsets of the MLRA.
- e. All typical pedons are classified according to Soil Taxonomy, Second Edition, 1999.
- g. 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