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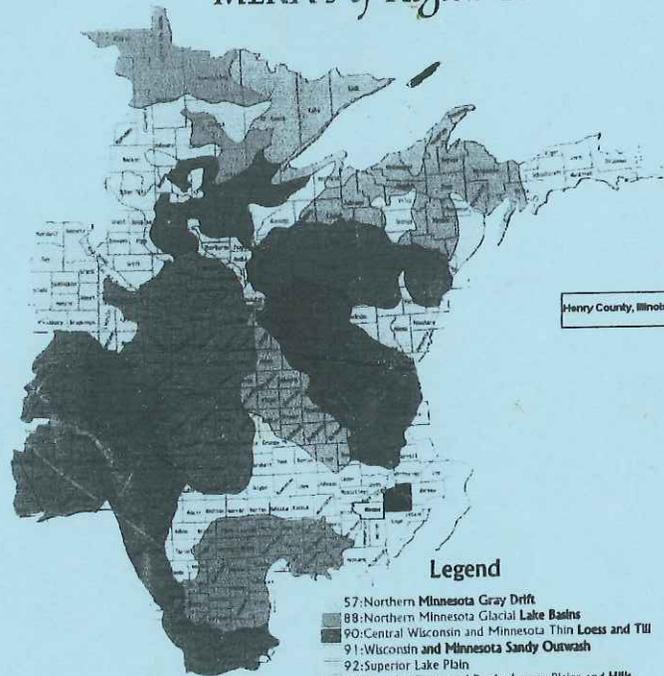
North Central Glaciated
Regional MLRA
Soil Survey Office
St. Paul, Minnesota

Classification and Correlation of Soils in Henry County, Illinois

A Subset of MLRA 108B

December 2001

MLRA's of Region 10



Legend

- 57: Northern Minnesota Gray Drift
- 88: Northern Minnesota Glacial Lake Basins
- 90: Central Wisconsin and Minnesota Thin Loess and Till
- 91: Wisconsin and Minnesota Sandy Outwash
- 92: Superior Lake Plain
- 93: Superior Stony and Rocky Loamy Plains and Hills
- 94A: Northern Michigan and Wisconsin Sandy Drift
- 94B: Michigan Eastern Upper Peninsula Sandy Drift
- 102A: Rolling Till Prairies
- 102B: Loess Uplands and Till Plains
- 103: Central Iowa and Minnesota Till Prairies
- 104: Eastern Iowa and Minnesota Till Prairies
- 105: Northern Mississippi Valley Loess Hills
- 107: Iowa and Missouri Deep Loess Hills
- 108: Illinois and Iowa Deep Loess Hills
- 109: Iowa and Missouri Heavy Till Plain

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

**CLASSIFICATION AND CORRELATION
OF THE SOILS OF
HENRY COUNTY, ILLINOIS
(A Subset of MLRA 108B)**

December 2001

This recorrelation was prepared by John Hempel, Soil Specialist, on the MLRA Region 10 staff in December 1999, and subsequently updated by the Rock Falls MLRA staff. It was prepared as part of the update of the soil survey of Henry County, Illinois. This update is a subset of the combined soil survey update of MLRA 108B and 115C in Illinois. Dave Preloger, Soil Scientist (MLRA) for MLRA 108B in Illinois, prepared the preliminary correlation. Steve Elmer, Project Leader (MLRA), provided correlation of map units in this document for MLRA 108B in Illinois. The Initial Review was held in October of 1997; a Progressive Soil Survey Review was held in November of 1998; and a Final Review and Correlation Conference in April of 2000, all held at Rock Falls, Illinois. Decisions made on these reviews were based on pedon data, soil correlation samples, soil maps, survey area field notes, and field review reports. Prior to publishing this correlation a final draft was critically reviewed by Steve Elmer, Dave Preloger, John Doll, NRCS Soil Scientist, Illinois State Office and Tom Neuenfeldt, Soil Data Quality Specialist, MLRA Region 10.

Headnote for Detailed Soil Survey Legend:

Map symbols consist of a combination of numbers and letters. The initial numbers represent the kind of soil. A capital letter following those numbers indicates the class of slope. A final number of 2 following the slope letter indicates that the soil is moderately eroded, and 3 indicates that it is severely eroded.

Soil Correlation Of Henry County, Illinois

Field symbols	Field map unit name	Publi- cation symbol	Approved map unit name
8D2	Hickory silt loam, 10 to 18 percent slopes, eroded	8D2	Hickory silt loam, 10 to 18 percent slopes, eroded
8D3	Hickory clay loam, 10 to 18 percent slopes, severely eroded	8D3	Hickory clay loam, 10 to 18 percent slopes, severely eroded
8D3	HICKORY CLAY LOAM, 10 TO 20 PERCENT SLOPES, SEVERELY ERODED		
8F	Hickory silt loam, 18 to 35 percent slopes	8F	Hickory silt loam, 18 to 35 percent slopes
8F2	HICKORY LOAM, 18 TO 35 PERCENT SLOPES, ERODED	8F2	Hickory silt loam, 18 to 35 percent slopes, eroded
8F2	Hickory silt loam, 18 to 35 percent slopes, eroded		
17A	KEOMAH SILT LOAM, 0 TO 3 PERCENT SLOPES	17A	Keomah silt loam, 0 to 2 percent slopes
17A	Keomah silt loam, 0 to 2 percent slopes		
19D2	Sylvan silt loam, 10 to 18 percent slopes, eroded	19D2	Sylvan silt loam, 10 to 18 percent slopes, eroded
19D3	Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded	19D3	Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded
19F	SYLVAN SILT LOAM, 18 TO 30 PERCENT SLOPES	19F	Sylvan silt loam, 18 to 35 percent slopes
19F	Sylvan silt loam, 18 to 35 percent slopes		
22D2	Westville loam, 10 to 18 percent slopes, eroded	22D2	Westville loam, 10 to 18 percent slopes, eroded
22D3	Westville clay loam, 10 to 18 percent slopes, severely eroded	22D3	Westville clay loam, 10 to 18 percent slopes, severely eroded
43A	IPAVA SILT LOAM, 0 TO 3 PERCENT SLOPES	43A	Ipava silt loam, 0 to 2 percent slopes
43A	Ipava silt loam, 0 to 2 percent slopes		
45	DENNY SILT LOAM	45A	Denny silt loam, 0 to 2 percent slopes
45A	Denny silt loam, 0 to 2 percent slopes		
49	WATSEKA LOAMY FINE SAND	49A	Watseka loamy fine sand, 0 to 2 percent slopes
49A	Watseka loamy fine sand, 0 to 2 percent slopes		
41A	MUSCATINE SILT LOAM, 0 TO 3 PERCENT SLOPES	51A	Muscatune silt loam, 0 to 2 percent slopes
51A	Muscatune silt loam, 0 to 2 percent slopes		
67	HARPSTER SILTY CLAY LOAM	67A	Harpster silty clay loam, 0 to 2 percent slopes
67A	Harpster silty clay loam, 0 to 2 percent slopes		
68	SABLE SILTY CLAY LOAM	68A	Sable silty clay loam, 0 to 2 percent slopes
68A	Sable silty clay loam, 0 to 2 percent slopes		
69	MILFORD SILTY CLAY LOAM	69A	Milford silty clay loam, 0 to 2 percent slopes
69A	Milford silty clay loam, 0 to 2 percent slopes		
41A	MUSCATINE SILT LOAM, 0 TO 3 PERCENT SLOPES	81A	Littleton silt loam, 0 to 2 percent slopes
81A	Littleton silt loam, 0 to 2 percent slopes		
275	JOY SILT LOAM		
36B	TAMA SILT LOAM, 2 TO 5 PERCENT SLOPES	86B	Osco silt loam, 2 to 5 percent slopes
86B	Osco silt loam, 2 to 5 percent slopes		

Soil Correlation Of Henry County, Illinois (cont.)

Field s	Field map unit name	Publi- cation symbol	Approved map unit name
36C2 86C2	TAMA SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED Osco silt loam, 5 to 10 percent slopes, eroded	86C2	Osco silt loam, 5 to 10 percent slopes, eroded
87A 87A	Dickinson sandy loam, 0 to 2 percent slopes DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	87A	Dickinson sandy loam, 0 to 2 percent slopes
87B 87B	Dickinson sandy loam, 2 to 5 percent slopes DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	87B	Dickinson sandy loam, 2 to 5 percent slopes
87B2	Dickinson sandy loam, 2 to 7 percent slopes, eroded	87B2	Dickinson sandy loam, 2 to 7 percent slopes, eroded
87C2 87C2	Dickinson sandy loam, 5 to 10 percent slopes, eroded DICKINSON FINE SANDY LOAM, 5 TO 10 PERCENT SLOPES, ERODED	87C2	Dickinson sandy loam, 5 to 10 percent slopes, eroded
88A	Sparta loamy sand, 0 to 2 percent slopes	88A	Sparta loamy sand, 0 to 2 percent slopes
88B 88B	Sparta loamy sand, 1 to 6 percent slopes SPARTA LOAMY FINE SAND, 1 TO 7 PERCENT SLOPES	88B	Sparta loamy sand, 1 to 6 percent slopes
88C 88D	Sparta loamy sand, 6 to 12 percent slopes SPARTA LOAMY FINE SAND, 7 TO 15 PERCENT SLOPES	88C	Sparta loamy sand, 6 to 12 percent slopes
100 100A	PALMS MUCK Palms muck, 0 to 2 percent slopes	100A	Palms muck, 0 to 2 percent slopes
102A 102A	La Hogue loam, 0 to 2 percent slopes LA HOGUE LOAM, 0 TO 3 PERCENT SLOPES	102A	La Hogue loam, 0 to 2 percent slopes
119D2	Elco silt loam, 10 to 18 percent slopes, eroded	119D2	Elco silt loam, 10 to 18 percent slopes, eroded
119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded	119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded
125 125A	SELMA CLAY LOAM Selma loam, 0 to 2 percent slopes	125A	Selma loam, 0 to 2 percent slopes
148B	Proctor silt loam, 2 to 5 percent slopes	148B	Proctor silt loam, 2 to 5 percent slopes
148C2	Proctor silt loam, 5 to 10 percent slopes, eroded	148C2	Proctor silt loam, 5 to 10 percent slopes, eroded
149A 149A	Brenton silt loam, 0 to 2 percent slopes BRENTON SILT LOAM, 0 TO 3 PERCENT SLOPES	149A	Brenton silt loam, 0 to 2 percent slopes
152 152A	DRUMMER SILTY CLAY LOAM Drummer silty clay loam, 0 to 2 percent slopes	152A	Drummer silty clay loam, 0 to 2 percent slopes
153 153A	PELLA SILTY CLAY LOAM Pella silty clay loam, 0 to 2 percent slopes	153A	Pella silty clay loam, 0 to 2 percent slopes
172 172A	HOOPESTON SANDY LOAM Hoopeston sandy loam, 0 to 2 percent slopes	172A	Hoopeston sandy loam, 0 to 2 percent slopes
198A 198A	ELBURN SILT LOAM, 0 TO 3 PERCENT SLOPES Elburn silt loam, 0 to 2 percent slopes	198A	Elburn silt loam, 0 to 2 percent slopes
199A	Plano silt loam, 0 to 2 percent slopes	199A	Plano silt loam, 0 to 2 percent slopes
199B 199B	PLANO SILT LOAM, 2 TO 5 PERCENT SLOPES Plano silt loam, 2 to 5 percent slopes	199B	Plano silt loam, 2 to 5 percent slopes

Soil Correlation Of Henry County, Illinois (cont.)

Field s	Field map unit name	Publi- cation symbol	Approved map unit name
199C2	PLANO SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	199C2	Plano silt loam, 5 to 10 percent slopes, eroded
199C2	Plano silt loam, 5 to 10 percent slopes, eroded		
200	ORIO LOAM	200A	Orio loam, 0 to 2 percent slopes
200A	Orio loam, 0 to 2 percent slopes		
201	GILFORD FINE SANDY LOAM	201A	Gilford fine sandy loam, 0 to 2 percent slopes
201A	Gilford fine sandy loam, 0 to 2 percent slopes		
206	THORP SILT LOAM	206A	Thorp silt loam, 0 to 2 percent slopes
206A	Thorp silt loam, 0 to 2 percent slopes		
212B	Thebes silt loam, 2 to 5 percent slopes	212B	Thebes silt loam, 2 to 5 percent slopes
439B	JASPER LOAM, SANDY SUBSTRATUM, 2 TO 5 PERCENT SLOPES		
212D3	Thebes silty clay loam, 10 to 18 percent slopes, severely eroded	212D3	Thebes silty clay loam, 10 to 18 percent slopes, severely eroded
439D3	JASPER LOAM, SANDY SUBSTRATUM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED		
219A	MILLBROOK SILT LOAM, 0 TO 3 PERCENT SLOPES	219A	Millbrook silt loam, 0 to 2 percent slopes
219A	Millbrook silt loam, 0 to 2 percent slopes		
250C2	Velma silt loam, 5 to 10 percent slopes, eroded	250C2	Velma silt loam, 5 to 10 percent slopes, eroded
250D2	Velma silt loam 10 to 18 percent slopes, eroded	250D2	Velma silt loam 10 to 18 percent slopes, eroded
250D2	VELMA SILT LOAM, 10 TO 15 PERCENT SLOPES, ERODED		
250E2	Velma silt loam, 18 to 25 percent slopes, eroded	250E2	Velma silt loam, 18 to 25 percent slopes, eroded
250E2	VELMA LOAM, 15 TO 20 PERCENT SLOPES, ERODED		
257A	Clarksdale silt loam, 0 to 2 percent slopes	257A	Clarksdale silt loam, 0 to 2 percent slopes
257A	CLARKSDALE SILT LOAM, 0 TO 3 PERCENT SLOPES		
259B	Assumption silt loam, 2 to 5 percent slopes	259B	Assumption silt loam, 2 to 5 percent slopes
259C2	Assumption silt loam, 5 to 10 percent slopes, eroded	259C2	Assumption silt loam, 5 to 10 percent slopes, eroded
259D2	Assumption silt loam, 10 to 18 percent slopes, eroded	259D2	Assumption silt loam, 10 to 18 percent slopes, eroded
259D2	ASSUMPTION SILT LOAM, 10 TO 15 PERCENT SLOPES, ERODED		
261	NIOTA SILT LOAM	261A	Niota silt loam, 0 to 2 percent slopes
261A	Niota silt loam, 0 to 2 percent slopes		
262	DENROCK SILT LOAM	262A	Denrock silt loam, 0 to 2 percent slopes
262A	Denrock silt loam, 0 to 2 percent slopes		
274B	Seaton silt loam, 2 to 5 percent slopes	274B	Seaton silt loam, 2 to 5 percent slopes
274C2	Seaton silt loam, 5 to 10 percent slopes, eroded	274C2	Seaton silt loam, 5 to 10 percent slopes, eroded
274D2	Seaton silt loam, 10 to 18 percent slopes, eroded	274D2	Seaton silt loam, 10 to 18 percent slopes, eroded

Soil Correlation Of Henry County, Illinois (cont.)

Field s	Field map unit name	Publi- cation symbol	Approved map unit name
275 275A	JOY SILT LOAM Joy silt loam, 0 to 2 percent slopes	275A	Joy silt loam, 0 to 2 percent slopes
277C2	Port Byron silt loam, 5 to 10 percent slopes, eroded	277C2	Port Byron silt loam, 5 to 10 percent slopes, eroded
279A 279A	ROZETTA SILT LOAM, 0 TO 3 PERCENT SLOPES Rozetta silt loam, 0 to 2 percent slopes	279A	Rozetta silt loam, 0 to 2 percent slopes
279B	Rozetta silt loam, 2 to 5 percent slopes	279B	Rozetta silt loam, 2 to 5 percent slopes
280B	Fayette silt loam, 2 to 5 percent slopes	280B	Fayette silt loam, 2 to 5 percent slopes
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded	280C2	Fayette silt loam, 5 to 10 percent slopes, eroded
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded	280D2	Fayette silt loam, 10 to 18 percent slopes, eroded
280D2	FAYETTE SILT LOAM, 10 TO 15 PERCENT SLOPES, ERODED		
280E2	FAYETTE SILT LOAM, 15 TO 20 PERCENT SLOPES, ERODED		
280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded	280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded
36A 277A 430A	TAMA SILT LOAM, 0 TO 2 PERCENT SLOPES PORT BYRON SILT LOAM, 0 TO 2 PERCENT SLOPES Raddle silt loam, 0 to 2 percent slopes	430A	Raddle silt loam, 0 to 2 percent slopes
36B 277B 430B	TAMA SILT LOAM, 2 TO 5 PERCENT SLOPES PORT BYRON SILT LOAM, 2 TO 5 PERCENT SLOPES Raddle silt loam, 2 to 5 percent slopes	430B	Raddle silt loam, 2 to 5 percent slopes
457 457A	BOOKER SILTY CLAY Booker silty clay, 0 to 2 percent slopes	457A	Booker silty clay, 0 to 2 percent slopes
465 465A	MONTGOMERY SILTY CLAY Montgomery silty clay, 0 to 2 percent slopes	465A	Montgomery silty clay, 0 to 2 percent slopes
485A 562A	Richwood silt loam, 0 to 2 percent slopes PORT BYRON SILT LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	485A	Richwood silt loam, 0 to 2 percent slopes
485B 562B	Richwood silt loam, 2 to 5 percent slopes PORT BYRON SILT LOAM, SANDY SUBSTRATUM, 2 TO 5 PERCENT SLOPES	485B	Richwood silt loam, 2 to 5 percent slopes
487A 575	Joyce silt loam, 0 to 2 percent slopes JOY SILT LOAM, SANDY SUBSTRATUM	487A	Joyce silt loam, 0 to 2 percent slopes
447 488A	CANISTEO LOAM, SANDY SUBSTRATUM Hooppole loam, 0 to 2 percent slopes	488A	Hooppole loam, 0 to 2 percent slopes
546B	Keltner silt loam, 2 to 5 percent slopes	546B	Keltner silt loam, 2 to 5 percent slopes
546C2	Keltner silt loam, 5 to 10 percent slopes, eroded	546C2	Keltner silt loam, 5 to 10 percent slopes, eroded
549D2 549D2	MARSEILLES SILT LOAM, 12 TO 18 PERCENT SLOPES, ERODED Marseilles silt loam, 10 to 18 percent slopes, eroded	549D2	Marseilles silt loam, 10 to 18 percent slopes, eroded

Soil Correlation Of Henry County, Illinois (cont.)

Field s	Field map unit name	Publi- cation symbol	Approved map unit name
549F	MARSEILLES SILT LOAM, 18 TO 35 PERCENT SLOPES	549F2	Marseilles silt loam, 18 to 35 percent slopes, eroded
549F2	Marseilles silt loam, 18 to 35 percent slopes, eroded		
564A	Waukegan silt loam, 0 to 2 percent slopes	564A	Waukegan silt loam, 0 to 2 percent slopes
564B	Waukegan silt loam 2 to 5 percent slopes	564B	Waukegan silt loam 2 to 5 percent slopes
564B2	Waukegan silt loam, 2 to 5 percent slopes, eroded	564B2	Waukegan silt loam, 2 to 5 percent slopes, eroded
565A	Tell silt loam 0 to 2 percent slopes	565A	Tell silt loam 0 to 2 percent slopes
565B	Tell silt loam, 2 to 5 percent slopes	565B	Tell silt loam, 2 to 5 percent slopes
565C2	Tell silt loam, 5 to 10 percent slopes, eroded	565C2	Tell silt loam, 5 to 10 percent slopes, eroded
567C3	Elkhart silty clay loam, 5 to 10 percent slopes, severely eroded	567C3	Elkhart silty clay loam, 5 to 10 percent slopes, severely eroded
567D2	Elkhart silt loam, 10 to 18 percent slopes, eroded	567D2	Elkhart silt loam, 10 to 18 percent slopes, eroded
567D2	ELKHART SILT LOAM, 8 TO 15 PERCENT SLOPES, ERODED		
572A	Loran silt loam, 0 to 2 percent slopes	572A	Loran silt loam, 0 to 2 percent slopes
572B	Loran silt loam, 2 to 5 percent slopes	572B	Loran silt loam, 2 to 5 percent slopes
572C2	Loran silt loam, 5 to 10 percent slopes, eroded	572C2	Loran silt loam, 5 to 10 percent slopes, eroded
27C2	MIAMI LOAM, 5 TO 10 PERCENT SLOPES, ERODED	618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded
618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded		
27D2	MIAMI LOAM, 10 TO 18 PERCENT SLOPES, ERODED	618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded		
670	AHOLT SILTY CLAY	670A	Aholt silty clay, 0 to 2 percent slopes
670A	Aholt silty clay, 0 to 2 percent slopes		
277A	PORT BYRON SILT LOAM, 0 TO 2 PERCENT SLOPES	671A	Biggsville silt loam, 0 to 2 percent slopes
671A	Biggsville silt loam, 0 to 2 percent slopes		
277B	PORT BYRON SILT LOAM, 2 TO 5 PERCENT SLOPES	671B	Biggsville silt loam, 2 to 5 percent slopes
671B	Biggsville silt loam, 2 to 5 percent slopes		
439A	JASPER LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	672A	Crescent loam, 0 to 2 percent slopes
672A	Crescent loam, 0 to 2 percent slopes		
439B	JASPER LOAM, SANDY SUBSTRATUM, 2 TO 5 PERCENT SLOPES	672B	Crescent loam, 2 to 5 percent slopes
672B	Crescent loam, 2 to 5 percent slopes		
439D3	JASPER LOAM, SANDY SUBSTRATUM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED	672D3	Crescent loam, 10 to 18 percent slopes, severely eroded
672D3	Crescent loam, 10 to 18 percent slopes, severely eroded		
386A	DOWNS SILT LOAM, 0 TO 2 PERCENT SLOPES	675A	Greenbush silt loam, 0 to 2 percent slopes
675A	Greenbush silt loam, 0 to 2 percent slopes		

Soil Correlation Of Henry County, Illinois (cont.)

Field s	Field map unit name	Publi- cation symbol	Approved map unit name
386B 675B	DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES Greenbush silt loam, 2 to 5 percent slopes	675B	Greenbush silt loam, 2 to 5 percent slopes
386C2 675C2	DOWNS SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED Greenbush silt loam, 5 to 10 percent slopes, eroded	675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded
199B 684B 148B	PLANO SILT LOAM, 2 TO 5 PERCENT SLOPES Broadwell silt loam, 2 to 5 percent slopes Proctor silt loam, 2 to 5 percent slopes	684B	Broadwell silt loam, 2 to 5 percent slopes
199C2 684C2 148C2	PLANO SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED Broadwell silt loam, 5 to 10 percent slopes, eroded Proctor silt loam, 5 to 10 percent slopes, eroded	684C2	Broadwell silt loam, 5 to 10 percent slopes, eroded
171A 686A	CATLIN SILT LOAM, 0 TO 2 PERCENT SLOPES Parkway silt loam, 0 to 2 percent slopes	686A	Parkway silt loam, 0 to 2 percent slopes
171B 686B	CATLIN SILT LOAM, 2 TO 5 PERCENT SLOPES Parkway silt loam, 2 to 5 percent slopes	686B	Parkway silt loam, 2 to 5 percent slopes
686B2	Parkway silt loam, 2 to 5 percent slopes, eroded	686B2	Parkway silt loam, 2 to 5 percent slopes, eroded
54C 689B 741B	PLAINFIELD SAND, 6 TO 12 PERCENT SLOPES Coloma sand, 1 to 7 percent slopes OAKVILLE LOAMY FINE SAND, 1 TO 7 PERCENT SLOPES	689B	Coloma sand, 1 to 7 percent slopes
54E 689D 741D	PLAINFIELD SAND, 12 TO 20 PERCENT SLOPES Coloma sand 7 to 15 percent slopes OAKVILLE LOAMY FINE SAND, 7 TO 15 PERCENT SLOPES	689D	Coloma sand 7 to 15 percent slopes
36A 86A 705A	TAMA SILT LOAM, 0 TO 2 PERCENT SLOPES OSCO SILT LOAM, 0 TO 2 PERCENT SLOPES Buckhart silt loam, 0 to 2 percent slopes	705A	Buckhart silt loam, 0 to 2 percent slopes
741B 741B	Oakville fine sand, 1 to 7 percent slopes OAKVILLE LOAMY FINE SAND, 1 TO 7 PERCENT SLOPES	741B	Oakville fine sand, 1 to 7 percent slopes
741D 741D	Oakville fine sand, 7 to 15 percent slopes OAKVILLE LOAMY FINE SAND, 7 TO 15 PERCENT SLOPES	741D	Oakville fine sand, 7 to 15 percent slopes
741E 741F	OAKVILLE LOAMY FINE SAND, 15 TO 30 PERCENT SLOPES Oakville fine sand, 20 to 30 percent slopes	741F	Oakville fine sand, 20 to 30 percent slopes
764A	Coyne fine sandy loam, 0 to 2 percent slopes	764A	Coyne fine sandy loam, 0 to 2 percent slopes
764B 764B	Coyne fine sandy loam, 2 to 5 percent slopes COYNE LOAM, 2 TO 5 PERCENT SLOPES	764B	Coyne fine sandy loam, 2 to 5 percent slopes
67 767A	HARPSTER SILTY CLAY LOAM Prophetstown silt loam, 0 to 2 percent slopes	767A	Prophetstown silt loam, 0 to 2 percent slopes
777 777A	ADRIAN MUCK Adrian muck, 0 to 2 percent slopes	777A	Adrian muck, 0 to 2 percent slopes
800C	Psamments, sloping	800C	Psamments, sloping

Soil Correlation Of Henry County, Illinois (cont.)

Field s	Field map unit name	Publi- cation symbol	Approved map unit name
802B 802B	ORTHENTS, LOAMY, GENTLY SLOPING Orthents, loamy, undulating	802B	Orthents, loamy, undulating
871B 871B	Lenzburg silty clay loam, 1 to 7 percent slopes LENZBURG SILT LOAM, 1 TO 7 PERCENT SLOPES	871B	Lenzburg silty clay loam, 1 to 7 percent slopes
871G 871G	LENZBURG CLAY LOAM, 30 TO 60 PERCENT SLOPES Lenzburg silty clay loam, 20 to 60 percent slopes	871G	Lenzburg silty clay loam, 20 to 60 percent slopes
910G 911G	TIMULA-MIAMI COMPLEX, 30 TO 60 PERCENT SLOPES Timula-Hickory silt loams, 35 to 60 percent slopes	911G	Timula-Hickory silt loams, 35 to 60 percent slopes
913D 913D3	Marseilles-Hickory silt loams, 10 to 18 percent slopes Marseilles-Hickory complex, 10 to 18 percent slopes, severely eroded	913D 913D3	Marseilles-Hickory silt loams, 10 to 18 percent slopes Marseilles-Hickory complex, 10 to 18 percent slopes, severely eroded
913F 913F2	Marseilles-Hickory silt loams, 18 to 35 percent slopes Marseilles-Hickory complex, 18 to 35 percent slopes, eroded	913F 913F2	Marseilles-Hickory silt loams, 18 to 35 percent slopes Marseilles-Hickory complex, 18 to 35 percent slopes, eroded
917B 917C2	Oakville-Tell complex, 1 to 7 percent slopes Oakville-Tell complex, 5 to 10 percent slopes, eroded	917B 917C2	Oakville-Tell complex, 1 to 7 percent slopes Oakville-Tell complex, 5 to 10 percent slopes, eroded
917D 917D2	Oakville-Tell complex, 7 to 15 percent slopes Oakville-Tell complex, 10 to 18 percent slopes, eroded	917D 917D2	Oakville-Tell complex, 7 to 15 percent slopes Oakville-Tell complex, 10 to 18 percent slopes, eroded
918D3 943D3	Marseilles-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded Seaton-Timula silt loams, 10 to 18 percent slopes, severely eroded	918D3 943D3	Marseilles-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded Seaton-Timula silt loams, 10 to 18 percent slopes, severely eroded
943G 943G	Seaton-Timula silt loams, 35 to 60 percent slopes SEATON-TIMULA SILT LOAMS, 20 TO 60 PERCENT SLOPES	943G	Seaton-Timula silt loams, 35 to 60 percent slopes
946D2 946D2	HICKORY-ATLAS SILT LOAMS, 12 TO 20 PERCENT SLOPES, ERODED Hickory-Atlas silt loams, 10 to 18 percent slopes, eroded	946D2	Hickory-Atlas silt loams, 10 to 18 percent slopes, eroded
946D3 946D3	HICKORY-ATLAS COMPLEX, 12 TO 20 PERCENT SLOPES, SEVERELY ERODED Hickory-Atlas complex, 10 to 18 percent slopes, severely eroded	946D3	Hickory-Atlas complex, 10 to 18 percent slopes, severely eroded
957D3 962D3	Elco-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded	957D3 962D3	Elco-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded

Soil Correlation Of Henry County, Illinois (cont.)

Field s	Field map unit name	Publi- cation symbol	Approved map unit name
152	DRUMMER SILTY CLAY LOAM	3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded		
74	RADFORD SILT LOAM	3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded
3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded		
8451A	LAWSON SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED		
107+	SAWMILL SILT LOAM, OVERWASH	3107+	Sawmill silt loam, 0 to 2 percent slopes, frequently flooded, overwash
3107+	Sawmill silt loam, 0 to 2 percent slopes, frequently flooded, overwash		
107	SAWMILL SILTY CLAY LOAM	3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded		
198A	ELBURN SILT LOAM, 0 TO 3 PERCENT SLOPES	3284A	Tice silty clay loam, 0 to 2 percent slopes, frequently flooded
3284A	Tice silty clay loam, 0 to 2 percent slopes, frequently flooded		
3302A	Ambraw silty clay loam, 0 to 2 percent slopes, frequently flooded	3302A	Ambraw silty clay loam, 0 to 2 percent slopes, frequently flooded
400	CALCO SILTY CLAY LOAM	3400A	Calco silty clay loam, 0 to 2 percent slopes, frequently flooded
3400A	Calco silty clay loam, 0 to 2 percent slopes, frequently flooded		
415	ORION SILT LOAM	3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded		
100	PALMS MUCK	7100A	Palms muck, 0 to 2 percent slopes, rarely flooded
7100A	Palms muck, 0 to 2 percent slopes, rarely flooded		
7302A	Ambraw clay loam, 0 to 2 percent slopes, rarely flooded	7302A	Ambraw clay loam, 0 to 2 percent slopes, rarely flooded
7404A	Titus silty clay loam, 0 to 2 percent slopes, rarely flooded	7404A	Titus silty clay loam, 0 to 2 percent slopes, rarely flooded
8404A	TITUS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED		
457	BOOKER SILTY CLAY	7654A	Moline silty clay, 0 to 2 percent slopes, rarely flooded
7654A	Moline silty clay, 0 to 2 percent slopes, rarely flooded		
102A	LA HOGUE LOAM, 0 TO 3 PERCENT SLOPES	7682A	Medway loam, 0 to 2 percent slopes, rarely flooded
7682A	Medway loam, 0 to 2 percent slopes, rarely flooded		
777	ADRIAN MUCK	7777A	Adrian muck, 0 to 2 percent slopes, rarely flooded
7777A	Adrian muck, 0 to 2 percent slopes, rarely flooded		

Soil Correlation Of Henry County, Illinois (cont.)

Field s	Field map unit name	Publi- cation symbol	Approved map unit name
107	SAWMILL SILTY CLAY LOAM	8107+	Sawmill silt loam, 0 to 2 percent slopes, occasionally flooded, overwash
8107+	Sawmill silt loam, 0 to 2 percent slopes, occasionally flooded, overwash		
201	GILFORD FINE SANDY LOAM	8166A	Cohoctah loam, 0 to 2 percent slopes, occasionally flooded
8166A	Cohoctah loam, 0 to 2 percent slopes, occasionally flooded		
198A	ELBURN SILT LOAM, 0 TO 3 PERCENT SLOPES	8284A	Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded
8284A	Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded		
125	SELMA CLAY LOAM	8302A	Ambraw loam, 0 to 2 percent slopes, occasionally flooded
8302A	Ambraw loam, 0 to 2 percent slopes, occasionally flooded		
400	CALCO SILTY CLAY LOAM	8400A	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded
8400A	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded		
415	ORION SILT LOAM	8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded		
447	CANISTEO LOAM, SANDY SUBSTRATUM	8492A	Normandy loam, 0 to 2 percent slopes, occasionally flooded
8492A	Normandy loam, 0 to 2 percent slopes, occasionally flooded		
153	PELLA SILTY CLAY LOAM	8499A	Fella silty clay loam, 0 to 2 percent slopes, occasionally flooded
8499A	Fella silty clay loam, 0 to 2 percent slopes, occasionally flooded		
8638A	Muskego muck, 0 to 2 percent slopes, occasionally flooded	8638A	Muskego muck, 0 to 2 percent slopes, occasionally flooded
W	WATER	W	Water
M-W	Miscellaneous Water	M-W	Miscellaneous Water

NOTES ON CORRELATED UNITS: In the following table the map units designated by an asterisk (*) have been added to the Henry County correlated soil legend for joining with one or more adjoining counties. Those map units footnoted 1/ have been added to compiled maps based on parent material and landform position considerations.

Soil symbol	Approved map unit name
*8F	HICKORY SILT LOAM, 18 TO 35 PERCENT SLOPES
*87B2	DICKINSON SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
*88A	SPARTA LOAMY SAND, 0 TO 2 PERCENT SLOPES
*686B2	PARKWAY SILT LOAM, 2 TO 5 PERCENT SLOPES, ERODED
*279B	ROZETTA SILT LOAM, 2 TO 5 PERCENT SLOPES
*549F2	MARSEILLES SILT LOAM, 18 TO 35 PERCENT SLOPES
*564B2	WAUKEGAN SILT LOAM, 2 TO 5 PERCENT SLOPES, ERODED
*913F	MARSEILLES-HICKORY SILT LOAMS, 18 TO 35 PERCENT SLOPES
*917C2	OAKVILLE-TELL COMPLEX, 5 TO 10 PERCENT SLOPES, ERODED
*917D2	OAKVILLE-TELL COMPLEX, 10 TO 18 PERCENT SLOPES, ERODED
*3302A	AMBRAW SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQ. FLOODED 1/
*3400A	CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQ. FLOODED
*7302A	AMBRAW CLAY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
*7404A	TITUS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
*8107+	SAWMILL SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED, OVERWASH
*8415A	ORION SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
*8638A	MUSKEGO MUCK, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
81A	LITTLETON SILT LOAM, 0 TO 2 PERCENT SLOPES 1/
212B	THEBES SILT LOAM, 2 TO 5 PERCENT SLOPES 1/
212D3	THEBES SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED 1/
3070A	BEAUCOUP SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED 1/
3284A	TICE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED 1/
430A	RADDLE SILT LOAM, 0 TO 2 PERCENT SLOPES 1/
430B	RADDLE SILT LOAM, 2 TO 5 PERCENT SLOPES 1/
684B	BROADWELL SILT LOAM, 2 TO 5 PERCENT SLOPES 1/
684C2	BROADWELL SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED 1/
689B	COLOMA SAND, 1 TO 7 PERCENT SLOPES 1/
689D	COLOMA SAND, 7 TO 15 PERCENT SLOPES 1/
7100A	PALMS MUCK, 0 TO 2 PERCENT SLOPES, RARELY FLOODED 1/
7654A	MOLINE SILTY CLAY, 0 TO 2 PERCENT SLOPES, RARELY FLOODED 1/
7682A	MEDWAY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED 1/
7777A	ADRIAN MUCK, 0 TO 2 PERCENT SLOPES, RARELY FLOODED 1/
8166A	COHOCTAH LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED 1/
8284A	TICE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED 1/
8302A	AMBRAW LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED 1/
8492A	NORMANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED 1/
8499A	FELLA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED 1/

Series Established by this Correlation: Crescent, Moline, Normandy, and Parkway

Series added to previous correlated legend: Ambraw, Beaucoup, Biggsville, Broadwell, Buckhart, Cohoctah, Coloma, Crescent, Fella, Greenbush, Hooppole, Joyce, Littleton, Medway, Muscatune, Moline, Muskego, Normandy, Osco, Parkway, Prophetstown, Raddle, Richwood, Senachwine, Thebes, Tice

Series dropped from previous correlated legend: Canisteo, Catlin, Downs, Jasper, Miami, Muscatine, and Tama

Verification of Exact Cooperator Names:

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

The cooperators to be listed on the inside of the front cover are the same as those on the front cover and in addition state: "This soil survey update is part of the technical assistance provided to the Henry County Soil and Water Conservation District. Financial assistance was made available by the County Board and the Illinois Department of Agriculture.

Prior Soil Survey Publication:

Prior soil survey of Henry County, Illinois was published in 1984 by the United States Department of Agriculture, *Soil Survey of Henry County, Illinois* (Illinois Agricultural Experiment Station Report Number 117)

Disposition of Field Sheets:

The soil maps have been photographically adjusted from a scale of 1:15,840 to a scale of 1:12000 and recompiled onto 7.5' orthophotography. Compiled maps, locator maps and field maps are in the NRCS state office in Champaign, Illinois.

Copies of a computer tape of the digital product for Henry County will remain at the state office and will be certified for SSURGO at the Wisconsin Digitizing Unit. A copy of the digital data will be provided to the Henry County Board as part of the cost share cooperative agreement.

Instructions for Map Compilation and Map Finishing:

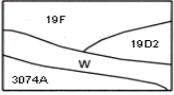
Map recompilation has been completed by the Rock Falls MLRA staff. The compiled maps and supporting documentation have been forwarded to the NRCS Digitizing Unit in Madison, Wisconsin. Digitizing will be completed by the digitizing unit staff using the soil identification legend and symbols legend in this document.

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

Conventional and Special Symbols Legend:

Only those symbols indicated on the on the attached NRCS-SOILS-37A (5/2001) will be shown on the legend and placed on the maps. The definition of the special symbols for non-bedrock escarpment, marsh or swamp, and short steep slope are not as stated in Part 647 (4/96) of the National Soil Survey Handbook.

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

Label:	Name:	Feature Definition:
CLA	Clay Spot	Surface texture is silty clay or Clay. Typically 1/4 to 2 acres.
ESO	Non-bedrock Escarpment	A relatively continuous and steep slope or cliff produced by erosion or faulting breaking the general continuity of more gently sloping land surfaces. Exposed non-bedrock material is developed soil.
MAR	Marsh or swamp	A water saturated, very poorly drained area, intermittently or permanently water-covered. Marsh areas are dominantly covered by sedges, cattails, and rushes. Swamps are dominantly covered by trees or shrubs. Typically 1/4 to 2 acres.
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 1/4 to 2 acres.
SAN	Sandy spot	Surface layer with sand content Greater than 75 percent in areas where the surface layer of the named soils of the surrounding map unit have less than about 25 percent sand. Typically 1/4 to 2 acres.
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost from accelerated erosion. Typically 1/4 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least 1 slope class steeper than the slope class of the surrounding map unit.
WET	Wet spot	Somewhat poorly drained to very poorly drained area that is at least 2 drainage classes wetter than the named soils in the surrounding map unit. Typically 1/4 to 2 acres.
CSP	Calcareous spot	Small areas where the soil surface Layer is calcareous (reacts to 1N HCl) in areas where the surface layer of the named soils do not react. Typically 1/4 to 2 acres.
GSP	Gray Soil Spot	Areas where the surface layer is mixed with a light colored subsurface layer exposed on the surface, where the surrounding soils do not contain a subsurface layer. These areas are in poorly drained depressions. Typically 1/4 to 2 acres.

Prime Farmland

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

Map symbol	Soil name
17A	Keomah silt loam, 0 to 2 percent slopes (Prime farmland if drained)
43A	Ipava silt loam, 0 to 2 percent slopes
45A	Denny silt loam, 0 to 2 percent slopes (Prime farmland if drained)
51A	Muscataune silt loam, 0 to 2 percent slopes
67A	Harpster silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
68A	Sable silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
69A	Milford silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
81A	Littleton silt loam, 0 to 2 percent slopes
86B	Oscos silt loam, 2 to 5 percent slopes
87A	Dickinson sandy loam, 0 to 2 percent slopes
87B	Dickinson sandy loam, 2 to 5 percent slopes
87B2	Dickinson sandy loam, 2 to 7 percent slopes, eroded
87C2	Dickinson sandy loam, 5 to 10 percent slopes, eroded
102A	La Hogue loam, 0 to 2 percent slopes
125A	Selma loam, 0 to 2 percent slopes (Prime farmland if drained)
148B	Proctor silt loam, 2 to 5 percent slopes
149A	Brenton silt loam, 0 to 2 percent slopes
152A	Drummer silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
153A	Pella silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
172A	Hoopeston sandy loam, 0 to 2 percent slopes
198A	Elburn silt loam, 0 to 2 percent slopes
199A	Plano silt loam, 0 to 2 percent slopes
199B	Plano silt loam, 2 to 5 percent slopes
200A	Orio loam, 0 to 2 percent slopes (Prime farmland if drained)
201A	Gilford fine sandy loam, 0 to 2 percent slopes (Prime farmland if drained)
206A	Thorp silt loam, 0 to 2 percent slopes (Prime farmland if drained)
212B	Thebes silt loam, 2 to 5 percent slopes
219A	Millbrook silt loam, 0 to 2 percent slopes (Prime farmland if drained)
257A	Clarksdale silt loam, 0 to 2 percent slopes (Prime farmland if drained)
259B	Assumption silt loam, 2 to 5 percent slopes
261A	Niota silt loam, 0 to 2 percent slopes (Prime farmland if drained)
262A	Denrock silt loam, 0 to 2 percent slopes
274B	Seaton silt loam, 2 to 5 percent slopes
275A	Joy silt loam, 0 to 2 percent slopes
279A	Rozetta silt loam, 0 to 2 percent slopes
279B	Rozetta silt loam, 2 to 5 percent slopes

Map symbol	Soil name
280B	Fayette silt loam, 2 to 5 percent slopes
430A	Raddle silt loam, 0 to 2 percent slopes
430B	Raddle silt loam, 2 to 5 percent slopes
457A	Booker silty clay, 0 to 2 percent slopes (Prime farmland if drained)
465A	Montgomery silty clay, 0 to 2 percent slopes (Prime farmland if drained)
485A	Richwood silt loam, 0 to 2 percent slopes
485B	Richwood silt loam, 2 to 5 percent slopes
487A	Joyce silt loam, 0 to 2 percent slopes
488A	Hooppole loam, 0 to 2 percent slopes (Prime farmland if drained)
546B	Keltner silt loam, 2 to 5 percent slopes
564B	Waukegan silt loam 2 to 5 percent slopes
564A	Waukegan silt loam, 0 to 2 percent slopes
564B2	Waukegan silt loam, 2 to 5 percent slopes, eroded
565A	Tell silt loam 0 to 2 percent slopes
565B	Tell silt loam, 2 to 5 percent slopes
572A	Loran silt loam, 0 to 2 percent slopes
572B	Loran silt loam, 2 to 5 percent slopes
670A	Aholt silty clay, 0 to 2 percent slopes (Prime farmland if drained)
671A	Biggsville silt loam, 0 to 2 percent slopes
671B	Biggsville silt loam, 2 to 5 percent slopes
672A	Crescent loam, 0 to 2 percent slopes
672B	Crescent loam, 2 to 5 percent slopes
675A	Greenbush silt loam, 0 to 2 percent slopes
675B	Greenbush silt loam, 2 to 5 percent slopes
684B	Broadwell silt loam, 2 to 5 percent slopes
686A	Parkway silt loam, 0 to 2 percent slopes
686B	Parkway silt loam, 2 to 5 percent slopes
686B2	Parkway silt loam, 2 to 5 percent slopes, eroded
705A	Buckhart silt loam, 0 to 2 percent slopes
764A	Coyne fine sandy loam, 0 to 2 percent slopes
764B	Coyne fine sandy loam, 2 to 5 percent slopes
767A	Prophetstown silt loam, 0 to 2 percent slopes (Prime farmland if drained)
871B	Lenzburg silty clay loam, 1 to 7 percent slopes
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3107+	Sawmill silt loam, 0 to 2 percent slopes, frequently flooded, overwash (Prime

Map symbol	Soil name
	farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3284A	Tice silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
3302A	Ambraw silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3400A	Calco silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
7302A	Ambraw clay loam, 0 to 2 percent slopes, rarely flooded (Prime farmland if drained)
7404A	Titus silty clay loam, 0 to 2 percent slopes, rarely flooded (Prime farmland if drained)
7654A	Moline silty clay, 0 to 2 percent slopes, rarely flooded (Prime farmland if drained)
7682A	Medway loam, 0 to 2 percent slopes, rarely flooded
8107+	Sawmill silt loam, 0 to 2 percent slopes, occasionally flooded, overwash (Prime farmland if drained)
8166A	Cohoctah loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8284A	Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded
8302A	Ambraw loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8400A	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded
8492A	Normandy loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)
8499A	Fella silty clay loam, 0 to 2 percent slopes, occasionally flooded (Prime farmland if drained)

CONVERSION LEGEND FOR HENRY COUNTY, ILLINOIS

Field symbols	Publication symbol
M-W	M-W
W	W
8D2	8D2
8D3	8D3
8F *	8F *
8F2	8F2
17A	17A
19D2	19D2
19D3	19D3
19F	19F
22D2	22D2
22D3	22D3
27C2	618C2
27D2	618D2
36A	430A #
36A	705A
36B	86B
36B	430B #
36C2	86C2
41A	51A
41A	81A #
43A	43A
45	45A
45A	45A
49	49A
49A	49A
51A	51A
54C	689B
54E	689D
67	67A
67	767A *
67A	67A
68	68A
68A	68A
69	69A
69A	69A
74	3074A
81A	81A
86A	705A
86B	86B

Field symbols	Publication symbol
86C2	86C2
87A	87A
87A	87A
87B	87B
87B2	87B2
87C2	87C2
88A	88A
88B	88B
88C	88C
88D	88C
100	100A
100	7100A #
100A	100A
102A	102A
102A	7682A *
107	3107A
107	8107+
107+	3107+
119D2	119D2
119D3	119D3
125	125A
125	8302A #
125A	125A
148B	148B
148B	684B #
148C2	148C2
148C2	684C2 #
149A	149A
149A	149A
152	152A
152	3070A #
152A	152A
153	153A
153	8499A #
153A	153A
171A	686A
171B	686B
172	172A
172A	172A
198A	198A
198A	3284A #
198A	8284A #

Field symbols	Publication symbol
199A	199A
199B	199B
199B	684B #
199C2	199C2
199C2	684C2 #
200	200A
200A	200A
201	201A
201	8166A
201A	201A
206	206A
206A	206A
212B	212B
212D3	212D3
219A	219A
219A	219A
250C2	250C2
250D2	250D2
250E2	250E2
257A	257A
259B	259B
259C2	259C2
259D2	259D2
261	261A
261A	261A
262	262A
262A	262A
274B	274B
274C2	274C2
274D2	274D2
275	81A #
275	275A
275A	275A
277A	430A #
277A	671A
277B	430B #
277B	671B
277C2	277C2
279A	279A
279B *	279B *

Field symbols	Publication symbol
280B	280B
280C2	280C2
280D2	280D2
280D3	280D3
280E2	280D2
386A	675A
386B	675B
386C2	675C2
400	3400A
400	8400A
415	3415A
415	8415A
430A	430A
430B	430B
439A	672A
439B	212B *
439B	672B
439D3	212D3 *
439D3	672D3
447	488A
447	8492A #
457	457A
457	7654A #
457A	457A
465	465A
465A	465A
485A	485A
485B	485B
487A	487A
488A	488A
546B	546B
546C2	546C2
549D2	549D2
549F *	549F2 *
549F2	549F2
562A	485A
562B	485B
564A	564A
564B	564B
564B2 *	564B2 *

Field symbols	Publication symbol
565A	565A
565B	565B
565C2	565C2
567C3	567C3
567D2	567D2
572A	572A
572B	572B
572C2	572C2
575	487A
618C2	618C2
618D2	618D2
670	670A
670A	670A
671A	671A
671B	671B
672A	672A
672B	672B
672D3	672D3
675A	675A
675B	675B
675C2	675C2

Field symbols	Publication symbol
684B	684B
684C2	684C2
686A	686A
686B	686B
686B2 *	686B2 *
689B	689B #
689D	689D #
705A	705A
741B	741B
741B	689B #
741D	689D #
741D	741D
741E	741F
741F	741F
764A	764A
764B	764B
767A	767A
777	7777A #
777	777A
800C	800C
802B	802B
871B	871B

Field symbols	Publication symbol
871G	871G
910G	911G
913D	913D
913D3	913D3
913F	913F
913F2	913F2
917B	917B
917C2	917C2
917D	917D
917D2	917D2
918D3	918D3
943D3	943D3
943G	943G
946D2	946D2
946D3	946D3
957D3	957D3
962D3	962D3
3070A	3070A
3074A	3074A
3107A	3107A
3107+	3107+

Field symbols	Publication symbol
3284A	3284A
3302A	3302A
3400A	3400A
3415A	3415A
7100A	7100A
7302A	7302A
7404A	7404A
7654A	7654A
7682A	7682A
7777A	7777A
8107+	8107+
8166A	8166A
8284A	8284A
8302A	8302A
8400A	8400A
8404A	7404A
8415A	8415A
8451A	3074A
8492A	8492A
8499A	8499A
8638A	8638A

* Indicates that map unit is added for joining with an adjacent updated soil survey area.

Indicates that map unit is added based on parent materials and landform position.

SOIL IDENTIFICATION LEGEND ACCORDING TO ALPHABETICAL SEQUENCE

Soil symbol	Soil map unit name
777A	Adrian muck, 0 to 2 percent slopes
7777A	Adrian muck, 0 to 2 percent slopes, rarely flooded
670A	Aholt silty clay, 0 to 2 percent slopes
7302A	Ambraw clay loam, 0 to 2 percent slopes, rarely flooded
8302A	Ambraw loam, 0 to 2 percent slopes, occasionally flooded
3302A	Ambraw silty clay loam, 0 to 2 percent slopes, frequently flooded
259D2	Assumption silt loam, 10 to 18 percent slopes, eroded
259B	Assumption silt loam, 2 to 5 percent slopes
259C2	Assumption silt loam, 5 to 10 percent slopes, eroded
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded
671A	Biggsville silt loam, 0 to 2 percent slopes
671B	Biggsville silt loam, 2 to 5 percent slopes
457A	Booker silty clay, 0 to 2 percent slopes
149A	Brenton silt loam, 0 to 2 percent slopes
684B	Broadwell silt loam, 2 to 5 percent slopes
684C2	Broadwell silt loam, 5 to 10 percent slopes, eroded
705A	Buckhart silt loam, 0 to 2 percent slopes
3400A	Calco silty clay loam, 0 to 2 percent slopes, frequently flooded
8400A	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded
257A	Clarksdale silt loam, 0 to 2 percent slopes
8166A	Cohoctah loam, 0 to 2 percent slopes, occasionally flooded
689B	Coloma sand, 1 to 7 percent slopes
689D	Coloma sand 7 to 15 percent slopes
764A	Coyne fine sandy loam, 0 to 2 percent slopes
764B	Coyne fine sandy loam, 2 to 5 percent slopes
672A	Crescent loam, 0 to 2 percent slopes
672B	Crescent loam, 2 to 5 percent slopes
672D3	Crescent loam, 10 to 18 percent slopes, severely eroded
45A	Denny silt loam, 0 to 2 percent slopes
262A	Denrock silt loam, 0 to 2 percent slopes
87A	Dickinson sandy loam, 0 to 2 percent slopes
87B	Dickinson sandy loam, 2 to 5 percent slopes
87B2	Dickinson sandy loam, 2 to 7 percent slopes, eroded
87C2	Dickinson sandy loam, 5 to 10 percent slopes, eroded
152A	Drummer silty clay loam, 0 to 2 percent slopes
198A	Elburn silt loam, 0 to 2 percent slopes
119D2	Elco silt loam, 10 to 18 percent slopes, eroded
119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded
957D3	Elco-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded
567D2	Elkhart silt loam, 10 to 18 percent slopes, eroded

Soil symbol	Soil map unit name
567C3	Elkhart silty clay loam, 5 to 10 percent slopes, severely eroded
280B	Fayette silt loam, 2 to 5 percent slopes
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded
280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded
8499A	Fella silty clay loam, 0 to 2 percent slopes, occasionally flooded
201A	Gilford fine sandy loam, 0 to 2 percent slopes
675A	Greenbush silt loam, 0 to 2 percent slopes
675B	Greenbush silt loam, 2 to 5 percent slopes
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded
67A	Harpster silty clay loam, 0 to 2 percent slopes
8D3	Hickory clay loam, 10 to 18 percent slopes, severely eroded
8D2	Hickory silt loam, 10 to 18 percent slopes, eroded
8F	Hickory silt loam, 18 to 35 percent slopes
8F2	Hickory silt loam, 18 to 35 percent slopes, eroded
946D3	Hickory-Atlas complex, 10 to 18 percent slopes, severely eroded
946D2	Hickory-Atlas silt loams, 10 to 18 percent slopes, eroded
172A	Hoopston sandy loam, 0 to 2 percent slopes
488A	Hooppole loam, 0 to 2 percent slopes
43A	Ipava silt loam, 0 to 2 percent slopes
275A	Joy silt loam, 0 to 2 percent slopes
487A	Joyce silt loam, 0 to 2 percent slopes
546B	Keltner silt loam, 2 to 5 percent slopes
546C2	Keltner silt loam, 5 to 10 percent slopes, eroded
17A	Keomah silt loam, 0 to 2 percent slopes
102A	La Hogue loam, 0 to 2 percent slopes
871B	Lenzburg silty clay loam, 1 to 7 percent slopes
871G	Lenzburg silty clay loam, 20 to 60 percent slopes
81A	Littleton silt loam, 0 to 2 percent slopes
572A	Loran silt loam, 0 to 2 percent slopes
572B	Loran silt loam, 2 to 5 percent slopes
572C2	Loran silt loam, 5 to 10 percent slopes, eroded
549D2	Marseilles silt loam, 10 to 18 percent slopes, eroded
549F2	Marseilles silt loam, 18 to 35 percent slopes, eroded
918D3	Marseilles-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded
913D3	Marseilles-Hickory complex, 10 to 18 percent slopes, severely eroded
913F2	Marseilles-Hickory complex, 18 to 35 percent slopes, eroded
913D	Marseilles-Hickory silt loams, 10 to 18 percent slopes
913F	Marseilles-Hickory silt loams, 18 to 35 percent slopes
7682A	Medway loam, 0 to 2 percent slopes, rarely flooded
69A	Milford silty clay loam, 0 to 2 percent slopes
219A	Millbrook silt loam, 0 to 2 percent slopes
M-W	Miscellaneous Water

Soil symbol	Soil map unit name
7654A	Moline silty clay, 0 to 2 percent slopes, rarely flooded
465A	Montgomery silty clay, 0 to 2 percent slopes
51A	Muscataune silt loam, 0 to 2 percent slopes
8638A	Muskego muck, 0 to 2 percent slopes, occasionally flooded
261A	Niota silt loam, 0 to 2 percent slopes
8492A	Normandy loam, 0 to 2 percent slopes, occasionally flooded
741B	Oakville fine sand, 1 to 7 percent slopes
741D	Oakville fine sand, 7 to 15 percent slopes
741F	Oakville fine sand, 20 to 30 percent slopes
917B	Oakville-Tell complex, 1 to 7 percent slopes
917C2	Oakville-Tell complex, 5 to 10 percent slopes, eroded
917D	Oakville-Tell complex, 7 to 15 percent slopes
917D2	Oakville-Tell complex, 10 to 18 percent slopes, eroded
200A	Orio loam, 0 to 2 percent slopes
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded
8415A	Orion silt loam, 0 to 2 percent slopes, occasionally flooded
802B	Orthents, loamy, undulating
86B	Osco silt loam, 2 to 5 percent slopes
86C2	Osco silt loam, 5 to 10 percent slopes, eroded
100A	Palms muck, 0 to 2 percent slopes
7100A	Palms muck, 0 to 2 percent slopes, rarely flooded
686A	Parkway silt loam, 0 to 2 percent slopes
686B	Parkway silt loam, 2 to 5 percent slopes
686B2	Parkway silt loam, 2 to 5 percent slopes, eroded
153A	Pella silty clay loam, 0 to 2 percent slopes
199A	Plano silt loam, 0 to 2 percent slopes
199B	Plano silt loam, 2 to 5 percent slopes
199C2	Plano silt loam, 5 to 10 percent slopes, eroded
277C2	Port Byron silt loam, 5 to 10 percent slopes, eroded
148B	Proctor silt loam, 2 to 5 percent slopes
148C2	Proctor silt loam, 5 to 10 percent slopes, eroded
767A	Prophetstown silt loam, 0 to 2 percent slopes
800C	Psamments, sloping
430A	Raddle silt loam, 0 to 2 percent slopes
430B	Raddle silt loam, 2 to 5 percent slopes
3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded
485A	Richwood silt loam, 0 to 2 percent slopes
485B	Richwood silt loam, 2 to 5 percent slopes
279A	Rozetta silt loam, 0 to 2 percent slopes
279B	Rozetta silt loam, 2 to 5 percent slopes
68A	Sable silty clay loam, 0 to 2 percent slopes
3107+	Sawmill silt loam, 0 to 2 percent slopes, frequently flooded, overwash
8107+	Sawmill silt loam, 0 to 2 percent slopes, occasionally flooded, overwash

Soil symbol	Soil map unit name
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded
274B	Seaton silt loam, 2 to 5 percent slopes
274C2	Seaton silt loam, 5 to 10 percent slopes, eroded
274D2	Seaton silt loam, 10 to 18 percent slopes, eroded
943D3	Seaton-Timula silt loams, 10 to 18 percent slopes, severely eroded
943G	Seaton-Timula silt loams, 35 to 60 percent slopes
125A	Selma loam, 0 to 2 percent slopes
618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
88A	Sparta loamy sand, 0 to 2 percent slopes
88B	Sparta loamy sand, 1 to 6 percent slopes
88C	Sparta loamy sand, 6 to 12 percent slopes
19D2	Sylvan silt loam, 10 to 18 percent slopes, eroded
19F	Sylvan silt loam, 18 to 35 percent slopes
19D3	Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded
962D3	Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded
565A	Tell silt loam 0 to 2 percent slopes
565B	Tell silt loam, 2 to 5 percent slopes
565C2	Tell silt loam, 5 to 10 percent slopes, eroded
212B	Thebes silt loam, 2 to 5 percent slopes
212D3	Thebes silty clay loam, 10 to 18 percent slopes, severely eroded
206A	Thorp silt loam, 0 to 2 percent slopes
3284A	Tice silty clay loam, 0 to 2 percent slopes, frequently flooded
8284A	Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded
911G	Timula-Hickory silt loams, 35 to 60 percent slopes
7404A	Titus silty clay loam, 0 to 2 percent slopes, rarely flooded
250D2	Velma silt loam 10 to 18 percent slopes, eroded
250E2	Velma silt loam, 18 to 25 percent slopes, eroded
250C2	Velma silt loam, 5 to 10 percent slopes, eroded
W	WATER
49A	Watseka loamy fine sand, 0 to 2 percent slopes
564A	Waukegan silt loam, 0 to 2 percent slopes
564B	Waukegan silt loam 2 to 5 percent slopes
564B2	Waukegan silt loam, 2 to 5 percent slopes, eroded
22D3	Westville clay loam, 10 to 18 percent slopes, severely eroded
22D2	Westville loam, 10 to 18 percent slopes, eroded

Classification of Pedons Sampled for Laboratory Analysis

The classification of pedons sampled for laboratory analysis for Henry County are not included in this document. Information relating to sampling and analysis of soils for this update are archived at the University of Illinois, Department of Natural Resources and Environmental Sciences, Urbana, Illinois 61801 and the National Soil Survey Laboratory, Lincoln, Nebraska.

**Notes to Accompany
the Classification and Correlation
of the Soils of
Henry County, Illinois**
Prepared by Steve Elmer

ADRIAN SERIES

A rarely flooded map unit was added for low lying areas at elevations less than 600 feet adjacent to the Green River and its tributaries. Pedon # 84-195-321 is the Type Location for this series in MLRA108B.

AHOLT SERIES

This series was established by prior correlation in Ray County, Missouri. They are dark colored, very fine textured, calcareous soils. In this county, this soil occurs on a lake plain rather than a floodplain. Pedon # 78IL073-098 is the Type Location for this series in MLRA108B.

AMBRAW SERIES (Add)

This series is added to the Henry County legend to replace the flooded Selma polygons along the Green River. Pedon # 85IL-195-353 is the Type Location for this series in MLRA108B.

ASSUMPTION SERIES

The soils in map units 259C2 and 259D2 are taxadjuncts to the Assumption series because they have thin dark colored surface layers. OSD pedon #79IL-073-113 is also the Type Location for this series in MLRA108B.

ATLAS SERIES

Previous representative pedons of Atlas soils in complex with Hickory soils were taxadjuncts because of the presence of a 6 to 11 inch mottle-free upper B horizon. They classified as Typic Hapludalfs. Atlas pedons from other complex and consociation polygons in Henry and adjacent counties dominantly do contain 2 chroma throughout the B horizon, and classify correctly as Vertic Epiaqualfs. The taxadjunct statement from the previous (December 1981) Correlation Document is being replaced by this correlation note.

Pedon # 88IL-187-049 is the Type Location for this series in MLRA108B.

BEAUCOUP SERIES (Add)

This series is added to replace Drummer polygons mapped within the Edwards River floodplain. Pedon # 84IL195-281 is the Type Location for this series in MLRA108B.

BIGGSVILLE SERIES (Add)

This series is established in Rock Island County, Illinois and replaces the Port Byron, moderately wet phase (4-6' water table) in northwestern Illinois. OSD pedon # 98IL-161-024 is also the Type Location for this series in MLRA108B.

BOLD SERIES

The series type location has been moved to Henry County with this update. OSD pedon # 98-073-223 is also the Type Location for this series in MLRA108B.

BOOKER SERIES

Pedon # 78-073-044 is the Type Location for this series in MLRA108B. (These soils on the lower Rock River floodplain in the northwestern part of Henry County are recorrelated to the proposed Moline series with this update.)

BRENTON SERIES

OSD pedon # 96-019-018 is also the Type Location for this series in MLRA108B.

BROADWELL SERIES (Add)

This series is added to replace the Plano series along the south ridge of the Edwards River, to join with Mercer County, per the results of the two-county 1982-85 Geomorphology Study.

These soils typically have a loamy 2B layer 5 or more inches thick. The Springfield MLRA Office has confirmed similar properties in Central Illinois polygons. Rock Falls and Springfield have agreed to propose a change in series concept to reflect non-contrasting transitional B horizons.

Springfield MLRA is relocating the series type Location to Christian County's Pedon # 85IL-021-036, and will update the OSED.

BUCKHART (ADD)

Tama soils in map unit 36A have been correlated to the Buckhart series.

CALCO SERIES

Pedon # 83-195-240 is the Type Location for this series in MLRA108B.

In Henry County, these soils contain more free carbonates in the C horizon than is typical of the Calco series. A frequently flooded phase was added to the legend for join purposes.

CANISTEO SERIES (Delete)

This series has been recorrelated to the Hooppole series on steam terraces and to the Normandy series in the Green River floodplain during this update. These same correlations have been made elsewhere in the MLRA.

CATLIN SERIES (Delete)

These soils have been recorrelated to the Parkway series.

Catlin soils were correlated in the western part of Bureau Co. and a 171B2 map unit joins with Henry. It is proposed to change the Catlin on the Illinoian Till Plain in Western Bureau Co. to the Parkway series.

CLARKSDALE SERIES

OSD pedon # IL-95-001-024 is also the Type Location for this series in MLRA108B

COHOCTAH SERIES (Add)

This series replaces the flooded Gilford polygons along the Green River. Pedon # 83-195-131 is the Type Location for this series in MLRA108B.

COLOMA SERIES (add)

This series was added to the legend to replace the Oakville 741B and 741D polygons on outwash plain positions. Transects in northern Henry County, as well as a recent regional (NW IL, SW WI) MLRA study on well drained sand terrace positions support this correlation. The sand size is typically medium rather than fine, and color and texture lamella are generally present within 60 inches in these soils on this position. Results are on file in the Rock Falls MLRA office.

COYNE SERIES

These soils are considered taxadjuncts to the Coyne series. As recognized in the previous correlation, they contain less fine sand and coarser in the upper part of the solum and more clay in the lacustrine sediments than the defined range of the Coyne series. These soils classify in the coarse-silty rather than the coarse-loamy particle size family. Also, the lacustrine sediments have colors with slightly lower chroma than defined for the Coyne series.

OSD pedon # 97-161-018 is also the Type Location for this series in MLRA108B.

CRESENT SERIES (Add)

This series replaces the Jasper, sandy substratum phase correlated in Henry, Mercer, and Peoria Counties in northwestern Illinois.

The soils in map unit 672D3 are taxadjuncts to the series because they have a thin dark colored surface layer.

OSD pedon # 82-179-049 is the Type Location for this series in MLRA108B.

DENNY SERIES

OSD pedon is also the Type Location for this series in MLRA108B.

DENROCK SERIES

Pedon # 83-195-232 is the Type Location for this series in MLRA108B.

DICKINSON SERIES

Pedon # 82-011-112 is the Type Location for this series in MLRA108B.

Surface textures of map units 87A, 87B & 87C2 have been recorrelated from Fine Sandy Loam to Sandy Loam after reviewing pedon descriptions from throughout the MLRA.

The soils in map unit 87B2 are taxadjuncts to the series because they have a thin dark colored surface layer.

DOWNS SERIES (Delete)

These soils were mapped in Henry County with a 4 to 6 ft. water table. This series phase has been recorrelated to the Greenbush series during the current update.

DRUMMER SERIES

OSD pedon # 96-019-005 is also the Type Location for this series in MLRA108B.

In Henry County, Drummer soils are in the thicker part of the range of thickness of loess and have minimal development in the lower parent material.

This map unit (152A) was recorrelated to multiple phases or series based on differences in landscape position, parent materials, or elevations. Refer to the conversion legend in this document or to the November 1998 Quad-County Update 'Quality Assurance Review Report'.

ELBURN SERIES

OSD pedon # 96-107-007 is also the Type Location for this series in MLRA108B.

In Henry County, Elburn soils have minimal development in the lower parent material. They lack diagnostic horizons, as defined in "Soil Taxonomy", in the lower material.

This map unit (198A) was recorrelated to multiple phases or series based on differences in landscape, position, parent materials, or elevations. Refer to the conversion legend in this document or to the November 1998 Quad-County Update 'Quality Assurance Review Report'.

ELCO SERIES

Pedon # 86-187-073 is the Type Location for this series in MLRA 108B.

ELKHART SERIES

OSD pedon # 96-107-015 is also the Type Location for this series in MLRA108B.

These soils have high chroma mottles in the lower part of the solum and mottles in the C horizon. The central concept of the Elkhart series has been amended to reflect the presence of a water table at 4 to 6 feet. This concurs with the pedon description properties and adjacent soils within this county.

FAYETTE SERIES

In Henry County, these soils have sola a few inches thicker than the defined range of the Fayette series. Pedon # 87-187-018 is the Type Location for this series in MLRA108B.

FELLA SERIES (Add)

This series replaces the flooded Pella polygons within the Green River floodplain. OSD pedon # 95-011-002 is also the Type Location for this series in MLRA108B.

GILFORD SERIES

Green River floodplain polygons are recorrelated to the Cohoctah series. Pedon # 83-195-124 is the Type Location for this series in MLRA108B.

GREENBUSH SERIES (Add)

These soils were previously mapped as a moderately wet phase of Downs. OSD pedon # 86-187-078 is also the Type Location for this series in MLRA108B.

HARPSTER SERIES

Pedon # 82-011-026 is the Type Location for this series in MLRA108B. In Henry County, Harpster soils have a larger proportion of brown colors in the upper part of the B horizon than is typical for the series.

HICKORY SERIES

Map unit 8F2 Hickory Loam has been recorrelated to 8F2 Hickory Silt Loam. This decision was made between the survey leaders of MLRA108B and MLRA115C and MO 10 & 11 during this correlation. Slope ranges of individual map units have been adjusted based on MLRA slope conventions.

Pedon # 85-011-020 is the Type Location for this series in MLRA108B.

HOOPESTON SERIES

Pedon # 84-195-314 is the Type Location for this series in MLRA108B. In Henry County, these soils are in the least acid part of the range for the series.

HOOPPOLE SERIES (Add)

This series replaces the non-flooded Canisteo, sandy substratum phase. OSD pedon # 83-011-066 is also the Type Location for this series in MLRA108B.

IPAVA SERIES

These soils have surface textures of both silt loam and silty clay loam. The clay content ranges from about 25 to 30 percent.

OSD pedon # 78-095-016 is also the Type Location for this series in MLRA108B.

JASPER SERIES (Delete)

The sandy substratum phase of this series was recorrelated to the proposed Crescent and Thebes series based on differences in landscape position, parent materials, or elevations. Refer to the conversion legend within this document or to the Quad-County Update November 1998 'Quality Assurance Review Report'.

JOY SERIES

The OSD type location is in Henry County, but the MLRA 108B representative pedon is from Whiteside County. Pedon # 83-195-146 is the Type Location for this series in MLRA108B.

This map unit (275A) was recorrelated to multiple phases or series based on differences in landscape, position, parent materials, or elevations. Refer to the conversion legend within this document or to the Quad-County Update November 1998 'Quality Assurance Review Report'.

JOYCE SERIES (Add)

This series replaces the Joy, sandy substratum phase (575). OSD pedon # 83-195-150 is also the Type Location for this series in MLRA108B.

KELTNER SERIES

OSD pedon # 98-177-001 is also the Type Location for this series in MLRA108B.

These soils contain free carbonates in the lower part of the solum which are not specifically allowed in the defined range of the Keltner series. The moderately alkaline reaction is within the defined range. These Keltner soils are in the thickest part of range of loess thickness and have minimal solum development into the lower parent material. They lack diagnostic horizons, as defined in "Soil Taxonomy," in the lower material.

KEOMAH SERIES

These soils are on the high end of the drainage class for the Keomah series. They also contain less clay in the C horizon than defined for the Keomah series. Pedon # 95-001-023 in Adams County is the Type Location for MLRA115C and used in this update of this series in MLRA108B.

LA HOGUE SERIES

In Henry County, La Hogue soils have the maximum solum thickness allowed in the range for the series. These soils on floodplains are correlated to the Medway series. OSD pedon # 96-019-002 is also the Type Location for this series in MLRA108B.

LENZBURG SERIES

Pedon # 84-011-078 is the Type Location for this series in MLRA108B and is a stony phase. Pedon # 79-073-123 is the 871G map unit for Henry County in MLRA108B.

Surface texture was changed from clay loam to silty clay loam, to match Adams, Knox, and Schuyler County 871G map unit within MLRA's 108B and 115C.

LITTLETON SERIES (Add)

This series was added during this update to replace Muscatine polygons mapped in colluvial positions along the Edwards River.

Pedon # 85-195-398 is the Type Location for this series in MLRA108B.

LORAN SERIES

The soils in map unit 572C2 are taxadjuncts to the series because they have thin a dark colored surface layer. Also, these soils are in the thickest part of the range in loess thickness and have minimal solum development into the lower material. They lack the diagnostic horizons, as defined in "Soil Taxonomy," in the lower material. OSD pedon # 98-177-002 is also the Type Location for this series in MLRA108B.

MARSEILLES SERIES

The soils in map units 913D3 and 918D3 have colors with hue of 10YR, value of 3 through 5, and chroma of 3 or 4. OSD pedon # 85-011-030 is also the Type Location for this series in MLRA108B.

MEDWAY SERIES (Add)

This series is added to replace flooded polygons of the La Hogue series along the Rock River in the northwestern part of the county. Pedon # 84-195-253 is the Type Location for this series in MLRA108B.

MIAMI SERIES (Delete)

This series was recently reclassified from Typic to Oxyaquic by Indiana. As a result, this soil in Henry County was recorrelated to the recently established Senachwine series. It classifies fine-loamy, mixed, superactive, mesic, Typic Argiudolls.

MILFORD SERIES

Pedon # 84-195-320 is the Type Location for this series in MLRA108B.

MILLBROOK SERIES

OSD pedon # 77-019-021 is also the Type Location for this series in MLRA108B.

MOLINE SERIES (Add)

This series is established with this correlation to replace the flooded Booker series that contain red lacustrine sediments in the northwestern part of the county along the Rock River.

OSD pedon # 97-073-001 is also the Type Location for this series in MLRA108B.

The series also occurs across the Rock River in Rock Island County.

MONTGOMERY SERIES

These soils contain more than 60 percent clay in one subhorizon of the Bt horizon and have smectitic clay mineralogy. They have properties very close to those defined for Vertic Endoaquolls. Pedon # 78-073-045 is the Type Location for this series in MLRA108B.

MUSCATINE SERIES (Delete)

See comments for Muscatine

MUSCATUNE SERIES (Add)

This series replaces the Muscatine series on Illinois prairie uplands. Classification is fine-silty, mixed, superactive, mesic, Aquic Argiudolls.

Pedon # 86-187-100 is the Type Location for this series in MLRA108B.

Map unit (41A) was recorrelated to multiple phases or series based on differences in landscape, position, parent materials, or elevations. Refer to the conversion legend within this document or to the November 1998 Quad-County Update 'Quality Assurance Review Report'.

MUSKEGO SERIES (Add)

This series is added to join with Bureau County. Pedon # 82-011-132 is the Type Location for this series in MLRA108B.

NIOTA SERIES

These soils have fewer reddish colored subhorizons and thicker clayey sediments than defined for the series. Pedon # 84-195-267 is the Type Location for this series in MLRA108B.

NORMANDY SERIES (Add)

This series is established with this correlation. It replaces the flooded Canisteo, sandy substratum polygons along the Green River. OSD pedon # 76-103-004 is also the Type Location for this series in MLRA108B.

OAKVILLE SERIES

Pedon # 82-011-184 is the Type Location for this series in MLRA108B.

Polygons on outwash plain vs. dunal positions were investigated during this update. The former are dominated by medium rather than fine sand, and contain color and texture lamella within 60 inches. Therefore, the Oakville polygons in outwash plain positions have been correlated to the Coloma series. This will likely apply to adjacent counties within the Green River Lowland.

ORIO SERIES

The type location for the series is in Henry County. OSD pedon # 78-073-057 is also the Type Location for this series in MLRA108B.

ORION SERIES

Recent field investigations within MLRA 108B and 115C reveal significant hydric inclusions. Further studies are needed to determine the extent within the series.

Pedon # 83-195-132 is the Type Location for this series in MLRA108B.

ORTHENTS

Pedon # 84-011-086 is the Type Location for MLRA108B.

OSCO SERIES (Add)

This series replaces the Tama, moderately wet phase map units, to join correlation decisions made in recent MLRA 108B updates.

Map unit 86A was subsequently recorrelated to the Buckhart Series (fine-silty, mixed, superactive, mesic, Oxyaquic Argiudolls)

The soils in map unit 86C2 are taxadjuncts to the series because they have a thin dark colored surface layer. OSD pedon # 56-015-002 is also the Type Location for this series in MLRA108B.

Map units (36A & 36B) were recorrelated to multiple phases or series based on differences in landscape, position, parent materials, or elevations. Refer to the conversion legend in this document, or to the Quad-County Update November 1998 'Quality Assurance Review Report'.

Map unit 86C3 was initially added to join a Bureau County Map Unit. The latter should have been cut off short of the Henry County line (see office blue-line copy of Bureau County Neponset South Quad) and will be when Bureau County is re-certified.

PALMS SERIES

A rarely flooded map unit was added for low lying areas at elevations less than 600 feet adjacent to the Green River and its tributaries. Pedon # 85-195-366 is the Type Location for this series in MLRA108B.

PARKWAY SERIES (Add)

This series is established with this correlation to replace the Catlin series, which has been reclassified from Typic to Oxyaquic. The Parkway series classifies fine-silty, mixed, superactive, mesic, Typic Argiudolls.

The Catlin series OSD reference to parent materials needs to be edited to restrict the series to the Wisconsin till plain.

The soils in map unit 686B2 are taxadjuncts to the Parkway series because they have thin dark colored surface layers. OSD pedon # 78-073-063 is also the Type Location for this series in MLRA108B.

PELLA SERIES

Green River floodplain polygons in Henry County are recorrelated to the Fella series, to join correlation decisions made in recent MLRA 108B updates. Pedon # 82-011-146 is the Type Location for this series in MLRA108B.

PLANO SERIES

These soils are in the least acid and least clayey part of the range for the series. The soils in map unit 199C2 are taxadjuncts to the series because they have a thin dark colored surface layer. OSD pedon # 87-175-002 is also the Type Location for this series in MLRA108B.

Map units (199B & C2) were recorrelated to multiple phases or series based on differences in landscape, position, parent materials, or elevations. Refer to the conversion legend within this document, or to the Quad-County Update November 1998 'Quality Assurance Review Report'.

PORT BYRON SERIES

The soils in map unit 277C2 are taxadjuncts to the Port Byron series because they have a thin dark colored surface layer. OSD pedon # 83-195-220 is also the Type Location for this series in MLRA108B.

Port Byron (277A & 277B) polygons on colluvial and terrace positions in Henry County are correlated to the Raddle Series (map unit 430A & 430B). Other 277A & 277B in Henry County have been correlated to the Biggsville series because of a 4 to 6 ft. water table.

PROCTOR SERIES

The soils in map unit 148C2 are taxadjuncts to the Proctor series because they have a thin dark colored surface layer. OSD pedon # 98-143-001 is also the Type Location for this series in MLRA108B.

Map units (148B & 148C2) were recorrelated to multiple phases or series based on differences in landscape, position, parent materials, or elevations. Refer to the conversion legend within this document, or to the Quad-County Update November 1998 'Quality Assurance Review Report'.

PROPHETSTOWN SERIES (Add)

This series is added to join with Whiteside County. OSD pedon # 83-195-210 is also the Type Location for this series in MLRA108B. The series classifies fine-silty, mixed, superactive, mesic, Typic Calciaquolls.

PSAMMENTS

Pedon # 79-073-120 is the Type Location for MLRA108B.

RADDLE SERIES (Add)

This series is added to replace Port Byron series (277A & 277B) polygons mapped in colluvial positions along the Edwards River and other tributaries. It classifies fine-silty, mixed, superactive, mesic, Typic Hapludolls.

Pedon # 82-195-063 is the Type Location for this series in MLRA108B.

RADFORD SERIES

These soils have weak evidence of wetness above the buried soil, but experience indicates they manage similarly to the Radford series. Pedon # 83-011-049 is the Type Location for this series in MLRA108B.

RICHWOOD SERIES (Add)

This series is added to replace the Port Byron, sandy substratum phase (562A & 562B). It classifies fine-silty, mixed, superactive, mesic, Typic Argiudolls.

Pedon # 78-073-058 is the Type Location for this series in MLRA108B.

ROZETTA SERIES

These soils are in the most clayey part of the textural range for the series. OSD pedon # 96-177-012 is also the Type Location for this series in MLRA108B.

SABLE SERIES

OSD pedon # 57-187-001 is also the Type Location for this series in MLRA108B.

SAWMILL SERIES

OSD pedon # 96-167-018 is the Type Location for this series in MLRA108B.

SEATON SERIES

Pedon # 83-195-120 is the Type Location for this series in MLRA108B.

SELMA SERIES

Selma series is retained in non-flooded positions. Pedon # 77-103-012 is the Type Location for this series in MLRA108B.

Green River floodplain polygons are correlated to the Ambraw series, to join correlation decisions made in recent MLRA 108B updates.

SENACHWINE SERIES (Add)

This series replaces the Miami series, which was reclassified as Oxyaquic. Senachwine classifies fine-loamy, mixed, active, mesic, Typic Hapludalfs. This corresponds to correlation decisions made in recent MLRA 108B updates.

The loam surface textures of map units 27C2 & 27D2 are correlated to Senachwine Silt Loam to reflect dominant surface texture within the MLRA.

OSD pedon # 82-011-187 is also the Type Location for this series in MLRA108B.

SPARTA SERIES

Surface texture of Loamy Fine Sand has been correlated to Loamy Sand to reflect dominant surface texture within MLRA 108B. This decision was made during this correlation.

Map unit 88B occupies outwash plain positions, and contains color and texture lamella in the lower part of the control section. Map unit 88C occurs on dunal positions free of lamella.

Pedon # 73-141-015 is the Type Location for this series in MLRA108B.

SYLVAN SERIES

The soils in map unit 19D3 are taxadjuncts to the Sylvan series because they have hue of 10YR, value of 4 or 5, and chroma of 4 in the surface layer.

Slope ranges of individual map units have been adjusted to established MLRA slope conventions. Pedon # 85-011-040 is the Type Location for this series in MLRA108B.

TAMA SERIES (DELETE)

All taxonomic units of Tama in Henry Co. have been recorrelated to the Buckhart or Osco Series. Buckhart soils (705A) classify as fine-silty, mixed, superactive, mesic, Oxyaquic Argiudolls. Osco series classify as Typic Argiudolls and contain a seasonal water table of 4 to 6 feet.

TELL SERIES

Pedon # 82-011-138 is the Type Location for this series in MLRA108B.

THEBES SERIES (Add)

This series replaces the Jasper, sandy substratum phase (439B,D3) on eolian positions along the Edwards River per the 1982-85 Henry-Mercer County Geomorphology Study. OSD pedon # 98-107-200 is also the Type Location for this series in MLRA108B.

THORP SERIES

Thorp soils have minimal soil development in the lower parent material. They lack diagnostic horizons, as defined by "Soil Taxonomy", in the lower material. OSD pedon # 96-099-008 is also the Type Location for this series in MLRA108B.

TICE SERIES (Add)

This series was added during this update to replace Elburn (198) polygons mapped within the Edwards and Rock River floodplains.

Pedon # 96-001-060 is the Type Location for this series in MLRA108B.

TIMULA SERIES

Pedon # 83-195-117 is the Type Location for this series in MLRA108B.

VELMA SERIES

The soils in map unit 250E2 are taxadjuncts to the series because they have a thin dark colored surface layer. Pedon # 98-073-203 is the Type Location for this series in MLRA108B.

WATSEKA SERIES

Pedon # 85-195-346 is the Type Location for this series in MLRA108B.

WAUKEGAN SERIES

The lower material has less gravel and more medium and fine sand than typical for the series. The soils in map unit 564B2 are taxadjuncts to the series because they have a thin dark colored surface layer. Pedon # 82-011-106 is the Type Location for this series in MLRA108B.

WESTVILLE SERIES

Pedon # 77-073-012 is the Type Location for this series in MLRA108B.

CLASSIFICATION OF THE SOILS

(A single asterisk in the first column indicates all map units are taxadjunct to the series. A double asterisk preceding the soil name indicates that only some map units are taxadjunct to the series. See ' Notes to Accompany the Classification and Correlation of the Soils of Henry County, Illinois' for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Adrian	Sandy or sandy-skeletal, mixed, euic, mesic Terric Haplosaprists
Aholt	Very-fine, smectitic, calcareous, mesic Vertic Haplaquolls
Ambraw	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
**Assumption	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
Atlas	Fine, smectitic, mesic Aeris Chromic Vertic Epiqualls
Beaucoup	Fine-silty, mixed, superactive, mesic Fluvaquentic Endoaquolls
Biggsville	Fine-silty, mixed, superactive, mesic Typic Hapludolls
Bold	Coarse-silty, mixed, superactive, calcareous, mesic Typic Udorthents
Booker	Very-fine, smectitic, mesic Cumulic Vertic Endoaquolls
Brenton	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Broadwell	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Buckhart	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
Calco	Fine-silty, mixed, superactive, calcareous, mesic Cumulic Endoaquolls
Clarksdale	Fine, smectitic, mesic Udollic Endoaqualls
Cohoctah	Coarse-loamy, mixed, active, mesic Fluvaquentic Endoaquolls
Coloma	Mixed, mesic Lamellic Udipsamments
*Coyne	Coarse-loamy, mixed, superactive, mesic Typic Argiudolls
**Crescent	Fine-loamy, mixed, superactive, mesic Typic Argiudolls
Denny	Fine, smectitic, mesic Mollic Albaqualls

Soil name	Family or higher taxonomic class
Denrock	Fine, mixed, superactive, mesic Aquic Argiudolls
**Dickinson	Coarse-loamy, mixed, superactive, mesic Typic Hapludolls
Drummer	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Elburn	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Elco	Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs
**Elkhart	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Fayette	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Fella	Fine-silty, mixed, superactive, mesic Fluvaquentic Endoaquolls
Gilford	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Greenbush	Fine-silty, mixed, superactive, mesic Mollic Hapludalfs
Harpster	Fine-silty, mixed, superactive, mesic Typic Calcicquolls
Hickory	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Hoopston	Coarse-loamy, mixed, superactive, mesic Aquic Hapludolls
Hooppole	Fine-loamy, mixed, superactive, calcareous, mesic Typic Endoaquolls
Ipava	Fine, smectitic, mesic Aquic Argiudolls
Joy	Fine-silty, mixed, superactive, mesic Aquic Hapludolls
Joyce	Fine-silty, mixed, superactive, mesic Aquic Hapludolls
Keltner	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
Keomah	Fine, smectitic, mesic Aeric Endoaqualfs
La Hogue	Fine-loamy, mixed, superactive, mesic Aquic Argiudolls
Lenzburg	Fine-loamy, mixed, active, calcareous, mesic Alfic Udarents
Littleton	Fine-silty, mixed, superactive, mesic Aquic Cumulic Hapludolls
**Loran	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Marseilles	Fine-silty, mixed, active, mesic Typic Hapludalfs
Medway	Fine-loamy, mixed, superactive, mesic Fluvaquentic Hapludolls
Milford	Fine, mixed, superactive, mesic Typic Endoaquolls
Millbrook	Fine-silty, mixed, superactive, mesic Udollic Endoaqualfs
Moline	Fine, smectitic, mesic Vertic Endoaquolls
*Montgomery	Fine, mixed, active, mesic Vertic Endoaquolls
Muscatune	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Muskego	Coprogenous, euic, mesic Limnic Haplosaprists
Niota	Fine, mixed, superactive, mesic Vertic Albaqualfs
Normandy	Fine-loamy, mixed, superactive, calcareous, mesic Fluvaquentic Endoaquolls
Oakville	Mixed, mesic Typic Udipsamments
Orio	Fine-loamy, mixed, active, mesic Mollic Endoaqualfs
Orion	Coarse-silty, mixed, superactive, nonacid, mesic Aquic Udifluvents
Orthents	Fine-loamy, mixed, active, mesic Typic Udorthents
**Osco	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Palms	Loamy, mixed, euic, mesic Terric Haplosaprists
**Parkway	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Pella	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
**Plano	Fine-silty, mixed, superactive, mesic Typic Argiudolls

Soil name	Family or higher taxonomic class
**Port Byron	Fine-silty, mixed, superactive, mesic Typic Hapludolls
**Proctor	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Prophetstown	Fine-silty, mixed, superactive, mesic Typic Calciaquolls
Psamments	Mixed, mesic Udipsamments
Raddle	Fine-silty, mixed, superactive, mesic Typic Hapludolls
Radford	Fine-silty, mixed, superactive, mesic Fluvaquentic Hapludolls
Richwood	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Rozetta	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Sable	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Sawmill	Fine-silty, mixed, superactive, mesic Cumulic Endoaquolls
Seaton	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Selma	Fine-loamy, mixed, superactive, mesic Typic Endoaquolls
Senachwine	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Sparta	Sandy, mixed, mesic Entic Hapludolls
Sylvan	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Tell	Fine-silty over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
Thebes	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Thorp	Fine-silty, mixed, superactive, mesic Argiaquic Argialbolls
Tice	Fine-silty, mixed, superactive, mesic Fluvaquentic Hapludolls
Timula	Coarse-silty, mixed, superactive, mesic Typic Eutrudepts
Titus	Fine, smectitic, mesic Vertic Endoaquolls
Velma	Fine-loamy, mixed, mesic Typic Argiudolls
**Velma	Fine-loamy, mixed, superactive, mesic Typic Argiudolls
Watseka	Sandy, mixed, mesic Aquic Hapludolls
**Waukegan	Fine-silty over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludolls
Westville	Fine-loamy, mixed, superactive, mesic Typic Hapludalfs

Certification Statement:

The MO Leader certifies that:

1. This soil survey update joins adjacent published modern soil surveys. Joining has been checked with the published detailed soil maps in all adjoining counties listed below.

Whiteside County Published survey
Bureau County Published survey
Stark County Published survey
Knox County Published survey (update in progress)
Mercer County Update survey (currently being digitized)
Rock Island County Update survey (in progress)

2. Interpretations are being coordinated with adjoining survey areas. The manuscript will be generated using the MUG (map unit generator) program, therefore, the text and tables will be consistent with the NASIS data. Exceptions to perfect agreement between the NASIS data and the manuscript will be as noted in this Correlation Memorandum.

3. The location of all series typical pedons has been checked for correct location and for the soil delineations using that name. Series typical pedons are those that represent the soils in MLRA 108. Not all typical pedons are located in Henry County. A list of map unit symbols and location of a representative mapping unit in MLRA 108 will be published in the soil survey report.

4. All publication symbols will be those shown in the conversion legend of this Correlation Memorandum.

5. All typifying pedons used for classification are accurately classified according to Soil Taxonomy.

Approved Signatures and Date:

Joseph W. McCloskey
Region 10 Team Leader (Date)

William Gradle
State Conservationist (Date)

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- Whiteside County Published survey
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- Stark County Published survey
- Knox County Published survey (update in progress)
- Mercer County Update survey (currently being digitized)
- Rock Island County Update survey (in progress)

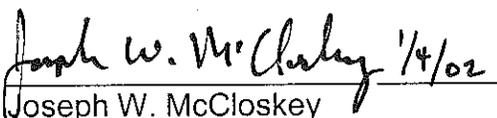
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