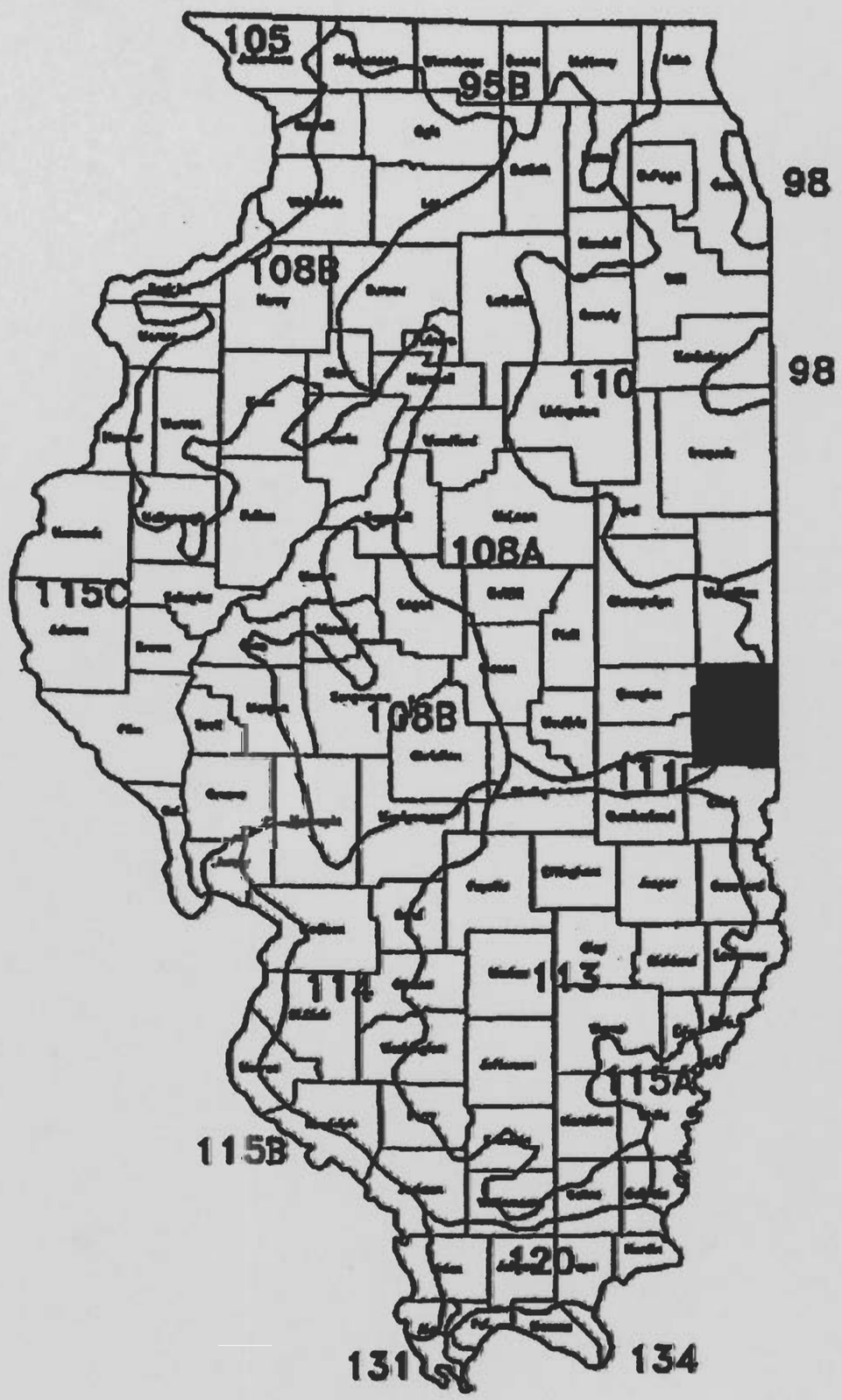
United States
Department of
Agriculture

Natural Resources
Conservation Service

East Central Glaciated
Regional MLRA
Soil Survey Office
Indianapolis, IN

Classification and Correlation of Soils in Edgar County, Illinois (Amended)



April 1997

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UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

CLASSIFICATION AND CORRELATION OF THE SOILS OF EDGAR COUNTY, ILLINOIS
SEPTEMBER 1992

AMENDED
APRIL 1997

This correlation was prepared by Mack Hodges, Soil Scientist, in October, 1991. The final field review was conducted July 15-18, 1991 by Mack Hodges, with Mark Bramstedt, Survey Leader; Randy Leeper, NRCS Soil Scientist; Jeff Brubaker Edgar County Soil Scientist; Tom Reedy, NRCS, NSSC, and Ken Olson, University of Illinois, Associate professor of Pedology participating.

Decisions at the final field review were based on pedon data, soil correlation samples, soil maps, final field review notes, preliminary tables of interpretations, and the draft manuscript.

Classification and Correlation of the soils of Edgar County, Illinois dated September 1992 was amended in February 1997. The Edgar County Board entered into a cooperative agreement with USDA, NRCS to digitize the Soil Survey using USGS orthophotography as base maps after the 1992 correlation of Edgar County, Illinois. This amended correlation updates the 1992 correlation to include MLRA slope classes and current taxonomic classifications. Edgar County is a subset of MLRA's 108A, 111, and 115A.

This amended correlation was prepared by Asghar A. Chowdhery, Soil Data Quality Specialist, Soil Survey Area 11, and Tonie J. Endres, MLRA Project Leader, in February 1997.

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. Absence of a number following the slope letter indicates that the soil is slightly eroded or non-eroded.

SOIL CORRELATION OF
EDGAR COUNTY, ILLINOIS

AMENDED
APRIL 1997

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
5C2, 5C3, 214C2	Blair silt loam, 5 to 10 percent slopes, eroded	5C2	Blair silt loam, 5 to 10 percent slopes, eroded
7D2, 7D3, 5D2, 5D3, 8D2, 8D3, 8E2, 214D2, 8E3, 8F3, 214D3	Atlas silt loam, 10 to 18 percent slopes, eroded	7D2	Atlas silt loam, 10 to 18 percent slopes, eroded
8F, 8F2, 8E	Hickory loam, 18 to 30 percent slopes	8F	Hickory loam, 18 to 35 percent slopes
8G, 8G1, 8G2, 8G3, 9G2	Hickory loam, 30 to 60 percent slopes	8G	Hickory loam, 35 to 60 percent slopes
50, 48	Virden silt loam	50A	Virden silt loam, 0 to 2 percent slopes
56B, 56A, 56A1, 59B1, 145B, 55B	Dana silt loam, 1 to 4 percent slopes	56B	Dana silt loam, 2 to 5 percent slopes
56B2, 59B2, 145B2, 154B2	Dana silt loam, 2 to 5 percent slopes, eroded	56B2	Dana silt loam, 2 to 5 percent slopes, eroded
67	Harpster silty clay loam	67A	Harpster silty clay loam, 0 to 2 percent slopes
69	Milford silty clay loam	69A	Milford silty clay loam, 0 to 2 percent slopes
104A, 104, 104B	Virgil silt loam, 0 to 2 percent slopes	104A	Virgil silt loam, 0 to 2 percent slopes
112	Cowden silt loam	112A	Cowden silt loam, 0 to 2 percent slopes

EDGAR COUNTY, ILLINOIS --Continued

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
113B, V113A	Oconee silt loam, 1 to 3 percent slopes	113A	Oconee silt loam, 0 to 2 percent slopes
132A, 132, 132A1, 132B	Starks silt loam, 0 to 2 percent slopes	132A	Starks silt loam, 0 to 2 percent slopes
134A, 137A	Camden silt loam, 0 to 2 percent slopes	134A	Camden silt loam, 0 to 2 percent slopes
134B, 134B2, 383A, 383B, 791B, 327B, 7253B	Camden silt loam, 2 to 5 percent slopes	134B	Camden silt loam, 2 to 5 percent slopes
134C2, 570C2, 134C3, 137C2, 137C3, 383C2, 791C2, 131C2, 134D2, 7253C	Camden silt loam, 5 to 10 percent slopes, eroded	134C2	Camden silt loam, 5 to 10 percent slopes, eroded
148A, 148A1	Proctor silt loam, 0 to 2 percent slopes	148A	Proctor silt loam, 0 to 2 percent slopes
148B, 148B2, 79B, 80B2	Proctor silt loam, 2 to 5 percent slopes	148B	Proctor silt loam, 2 to 5 percent slopes
149A, 149++, 149, 149A1, 149B, 151	Brenton silt loam, 0 to 2 percent slopes	149A	Brenton silt loam, 0 to 2 percent slopes
152, 126A0, 152+	Drummer silty clay loam	152A	Drummer silty clay loam, 0 to 2 percent slopes
153	Pella silty clay loam	153A	Pella silty clay loam, 0 to 2 percent slopes
154A, 154, 154A1, 154B	Flanagan silt loam, 0 to 2 percent slopes	154A	Flanagan silt loam, 0 to 2 percent slopes
164A, V164A	Stoy silt loam, 0 to 2 percent slopes	164A	Stoy silt loam, 0 to 2 percent slopes

EDGAR COUNTY, ILLINOIS --Continued

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
164B, 164B2	Stoy silt loam, 2 to 5 percent slopes	164B	Stoy silt loam, 2 to 5 percent slopes
165, W165	Weir silt loam	165A	Weir silt loam, 0 to 2 percent slopes
171B	Catlin silt loam, 2 to 5 percent slopes	171B	Catlin silt loam, 2 to 5 percent slopes
198A, 198, 198B, 376A, 376A1, 377A	Elburn silt loam, 0 to 2 percent slopes	198A	Elburn silt loam, 0 to 2 percent slopes
199B, 376B, 376B2, 377B, 199A	Plano silt loam, 2 to 5 percent slopes	199B	Plano silt loam, 2 to 5 percent slopes
208, 207, 206, 136	Sexton silt loam	208A	Sexton silt loam, 0 to 2 percent slopes
214B	Hosmer silt loam, 2 to 5 percent slopes	214B	Hosmer silt loam, 2 to 5 percent slopes
219A, 219	Millbrook silt loam, 0 to 2 percent slopes	219A	Millbrook silt loam, 0 to 2 percent slopes
242A, 242, 384A	Kendall silt loam, 0 to 2 percent slopes	242A	Kendall silt loam, 0 to 2 percent slopes
243B, 384B	St. Charles silt loam, 2 to 5 percent slopes	243B	St. Charles silt loam, 2 to 5 percent slopes
291B, 236B, 236B2, 291A, 291B2, 497B1, 497B2	Xenia silt loam, 1 to 5 percent slopes	291B	Xenia silt loam, 2 to 5 percent slopes
322B, 27B, 27B2, 322B2, 233B	Russell silt loam, 2 to 5 percent slopes	322B	Russell silt loam, 2 to 5 percent slopes

EDGAR COUNTY, ILLINOIS --Continued

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
322C2, 233C2, 291C2, 291C3, 322C, 322C3, 497C1, 497C2, 497C3, 656C2, 656C3	Russell silt loam, 5 to 10 percent slopes, eroded	322C2	Russell silt loam, 5 to 10 percent slopes, eroded
330	Peotone silty clay loam	330A	Peotone silty clay loam, 0 to 2 percent slopes
344B, 105B, 344A	Harvard silt loam, 2 to 5 percent slopes	344B	Harvard silt loam, 2 to 5 percent slopes
348B, 348A, 348B2	Wingate silt loam, 2 to 5 percent slopes	348B	Wingate silt loam, 2 to 5 percent slopes
353A, 353, 353A1, 353B, 234, 234A, 234A1, 234B	Toronto silt loam, 0 to 2 percent slopes	353A	Toronto silt loam, 0 to 2 percent slopes
481A, 59A, 59A0, 59A1, 62A0, 481, 481A0, 481A1, 481B	Raub silt loam, 0 to 2 percent slopes	481A	Raub silt loam, 0 to 2 percent slopes
496A, 236, 496, 496A1, 496B, 610	Fincastle silt loam, 0 to 2 percent slopes	496A	Fincastle silt loam, 0 to 2 percent slopes
551F, 551F2, 551D2	Gosport silt loam, 18 to 30 percent slopes	551F	Gosport silt loam, 18 to 35 percent slopes
551G	Gosport loam, 30 to 50 percent slopes	551G	Gosport loam, 35 to 50 percent slopes
570B2, 570B, 131B	Martinsville loam, 2 to 5 percent slopes, eroded	570B2	Martinsville loam, 2 to 5 percent slopes, eroded
27C2, 24C1, 24C2, 224C2	Miami silt loam, 5 to 10 percent slopes, eroded	618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded

EDGAR COUNTY, ILLINOIS --Continued

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
27C3, 224C3	Miami clay loam, 5 to 10 percent slopes, severely eroded	618C3	Senachwine clay loam, 5 to 10 percent slopes, severely eroded
27D2, 27E2, 24D2, 224D2, 224E2, 322D1, 322D2, 322E2	Miami silt loam, 10 to 18 percent slopes, eroded	618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
27D3, 25D3, 27E3, 224D3, 224E3, 322D3, 322E3	Miami clay loam, 10 to 18 percent slopes, severely eroded	618D3	Senachwine clay loam, 10 to 18 percent slopes, severely eroded
27F, 224F, 224F2, 25E3, 25F2, 25F3, 27F2, 224F3, 791E, 791F	Miami loam, 18 to 30 percent slopes	618F	Senachwine loam, 18 to 35 percent slopes
27G, 224G, 25G2, 25G3, 94G2, 224G2	Miami loam, 30 to 60 percent slopes	618G	Senachwine loam, 35 to 60 percent slopes
221B2, 221B	Parr silt loam, 2 to 5 percent slopes, eroded	622B2	Wyanet silt loam, 2 to 5 percent slopes, eroded
221C2, 60C1, 60C2, 221C3, 55C3, 60C3, 79D3, 145C3, 55D1, 55D2, 55D3, 60D3, 145D3, 221D3, 55C2, 221D2, 148C2, 79C2, 80C1, 80D2, 148C, 148C3, 377C, 377C2	Parr silt loam, 5 to 10 percent slopes, eroded	622C2	Wyanet silt loam, 5 to 10 percent slopes, eroded
804G, 871F, 871G	Orthents, loamy-skeletal, acid, 30 to 60 percent slopes	809F	Orthents, loamy-skeletal, acid, steep

EDGAR COUNTY, ILLINOIS --Continued

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
813F	Orthents, silty, bedrock substratum-Pits, mine, complex, steep	813F	Orthents, silty, bedrock substratum-Pits, mine, complex, steep
823A	Schuline silty clay loam, 0 to 2 percent slopes	823A	Schuline silty clay loam, 0 to 2 percent slopes
823B	Schuline silty clay loam, 2 to 5 percent slopes	823B	Schuline silty clay loam, 2 to 5 percent slopes
3424, 424, 333	Shoals silt loam, frequently flooded	3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded
3450, 451, 451+, V451, W451, 8451, 8428, 3428, 428, 73, 8073, 3451	Brouillett silt loam, frequently flooded	3450A	Brouillett silt loam, 0 to 2 percent slopes, frequently flooded
8431, 431, 331	Genesee sandy loam, occasionally flooded	8431A	Genesee sandy loam, 0 to 2 percent slopes, occasionally flooded
8665, 304, 8304, 665	Stonelick fine sandy loam, occasionally flooded	8665A	Stonelick fine sandy loam, 0 to 2 percent slopes, occasionally flooded
W	Water	W	Water

Series established by this Correlation:

Brouillett

Series established by this Amendment:

None

Series correlated to new series by this Amendment:

Miami series correlated as Senachwine series
Parr series correlated as Wyanet series

Verification of Exact Cooperators' 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

Prior Soil Survey Publications:

The first soil survey of Edgar County was published in 1917. Hopkins, Cyrill G., J.G. Mosier, E. Van Alstine, and F. W. Garret. Edgar County Soils, 1917. Soil Report No. 15 University of Illinois, Urbana.

This survey updates the first survey and provides additional information and larger maps at a scale of 1:12,000 that show soils in greater detail. These maps will be available in digital line graph three dimensional optional format.

Disposition of Field Sheets and Instructions for Map Finishing:

The soil maps are being recompiled on to USGS orthophotography at a scale of 1:12,000. Map recompilation is being completed by the Lawrenceville MLRA staff. Geographic area of all quarter quads within Edgar County will be recompiled. The compiled maps and all map materials will be delivered to the GIS staff at the Illinois state office by July 1, 1997. Copies of a computer tape of the final product will remain at the state office, certified for SSURGO at National Cartographic Center, and will be provided to the Edgar County Board as part of the cost share cooperative agreement.

General Soil Map Units.

The following map units will be used on the general soil map legend:

1. Drummer-Elburn association
2. Drummer-Milford association
3. Drummer-Flanagan association
4. Dana-Drummer-Raub association
5. Xenia-Senachwine-Drummer association
6. Senachwine-Russell association
7. Camden-Starks association
8. Weir-Stoy-Hickory association

NRCS-SOI-37A
7/96

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

Soil Survey Area: Edgar County
State: IL

Date: 4-97

DESCRIPTION	SYMBOL

CULTURAL FEATURES

BOUNDARIES

- ✓ National, state, or province
- ✓ County or parish
- Minor civil division
- ✓ Reservation (Old Indian Treaty Boundary)
- Land grant
- Limit of soil survey (label) and/or denied access areas
- ✓ Field sheet matchline & neatline
- Previously Published Survey

OTHER BOUNDARY (label)

- Airport, airfield — Davis Airstrip
- ✓ Cemetery — St. Johns Cemetery
- City/county park — Central Park

- ✓ STATE COORDINATE TICK
- ✓ LAND DIVISION CORNERS (section and land grants)
- ✓ GEOGRAPHIC COORDINATE TICK

TRANSPORTATION

- Divided roads
- Other roads
- Trail

ROAD EMBLEMS & DESIGNATIONS

- Interstate — 70, 70 345
- ✓ Federal — 410, 410 224
- ✓ State — 62, 62 347
- County, farm or ranch — 378

- ✓ RAILROAD
- POWER TRANSMISSION LINE (normally not shown)
- PIPELINE (normally not shown)
- FENCE (normally not shown)

LEVEES

- Without road
- With road
- With railroad
- ‡ Single side slope (showing actual feature location)

DAMS

- ✓ Medium or small

LANDFORM FEATURES

- Prominent Hill or Peak
- ✓ Soil Sample Site

CULTURAL FEATURES (cont.)

MISCELLANEOUS CULTURAL FEATURES

- Farmstead, house (omit in urban areas)
- Church
- School
- Other Religion (label) — Mt Carmel
- Located object (label) — Ranger Station
- Tank (label) — Petroleum
- Lookout Tower
- Oil and/or Natural Gas Wells
- Windmill
- Lighthouse

HYDROGRAPHIC FEATURES*

STREAMS

- ‡ Perennial, double line
- ✓ Perennial, single line
- ✓ Intermittent
- ✓ Drainage end

DRAINAGE AND IRRIGATION

- ‡ Double line canal (label)
- ✓ Perennial drainage and/or irrigation ditch
- ✓ Intermittent drainage and/or irrigation ditch

SMALL LAKES, PONDS AND RESERVOIRS

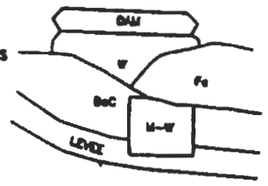
- ‡ ✓ Perennial water
- ‡ Miscellaneous water
- Flood pool line

MISCELLANEOUS WATER FEATURES

- Spring
- Well, artesian
- Well, irrigation

SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO

- ✓ ‡ SOIL DELINEATIONS AND SOIL SYMBOLS



‡ LANDFORM FEATURES

ESCARPMENTS

- Bedrock
- ✓ Other than bedrock
- ✓ SHORT STEEP SLOPE
- GULLY
- ✓ DEPRESSION, closed
- SINKHOLE

‡ EXCAVATIONS

PITS

- Borrow pit
- ✓ Gravel pit
- ✓ Mine or quarry

LANDFILL

‡ MISCELLANEOUS SURFACE FEATURES

- Blowout
- Clay spot
- ✓ Gravelly spot
- Lava flow
- ✓ Marsh or swamp
- ✓ Rock outcrop (includes sandstone and shale)
- Saline spot
- ✓ Sandy spot
- ✓ Severely eroded spot
- Slide or slip
- Sodic spot
- Spoil area
- Stony spot
- Very stony spot
- ✓ Wet spot

‡ RECOMMENDED AD HOC SOIL SYMBOLS

LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
	1			23	
	2			24	
	3			25	
	4			26	
	5			27	
	6			28	
	7			29	
	8			30	
	9			31	
	10			32	
	11			33	
	12			34	
	13			35	
	14			36	
	15			37	
	16			38	
	17			39	
	18			40	
	19			41	
	20			42	
	21			43	
	22			44	

‡ Denotes SSURGO feature and symbol.

* All hydrographic features except for perennial double line streams and double line canals are published in blue.

Conventional and Special Symbols Legend

Edgar County, Illinois
a subset of MLRA 108A, 111, and 115A

April 1997

Cultural Features	Explanation
Ad hoc boundary	Cemetries-- shown if 5 acres or greater in size.
Section Corners	Section corners shown and section numbers placed as close to center of section as possible.
Roads and Railroads	State and Federal highways shown with appropriate symbols and railroads labelled as such or as "RR" inside of neatline. Photo image will show as location.
Dams	Small and medium dams shown if the retained body of water meets criteria outlined in water area, perennial.

Water Features	Field sheet Label	Digitized Label	Explanation
Perennial stream			Water flow is perennial if water flows 7 months out of 12 in a year of normal rainfall. Channel width is not wide enough to use double line.
Intermittent stream			Intermittent streams are dry for a large part of each year and are courses of waterflow during high runoff times. To be used where drafted length on field sheet is 1.0 inch or greater.
Water areas, perennial			Lakes, ponds, and reservoirs 2 acres or larger in size, are delineated to conform to the photobase imagery. All areas of water are labelled as W. If these features have proper names, they are also indicated.
Drainage ditch			Used to denote man-made ditches that are not crossable with farm machinery and are greater than 4 feet deep. Arrows point in direction of flow.
Drainage end			Used to denote termination or dispersion of flow. For intermittent streams, arrow points in the direction of flow.

Landform/ Surface Features	Field sheet Label	Digitized Label	Explanation
Escarpment, other than bedrock		ESO	A relatively continuous or steep slope or cliff, generally produced by erosion but can be produced by faulting breaking the continuity of more gently sloping land surfaces. These areas have an elevation change of 15 feet or greater and slope gradient of 30 percent or more. Drafted length on field sheet is 1/3 inch or more.
Short, steep slope		SLP	Narrow farmable soil area that has slopes that are at least 2 slope classes steeper than the slope class of the surrounding named map unit. Typically used between the flood plain and terrace or the flood plain and upland. Drafted length on field sheet is 1/3 inch or more
Depression, closed		DEP	A shallow, saucer shaped area slightly lower on the landscape than the surrounding area, but without a natural outlet for surface drainage. Typically 0.5 to 3.0 acres in size.
Gravel pit		GPI	An open excavation from which soil and underlying material have been removed, and used without crushing, as a source of sand and gravel. Typically 0.5 to 3.0 acres in size.
Mine or Quarry		MPI	An open excavation from which soil and underlying material is removed exposing the bedrock. Typically 0.5 to 3.0 acres in size.
Gravelly spot		GRA	Surface area has more than 35 percent , by volume, of rock fragments that are mostly less than 3 inches in diameter. Typically 0.5 to 3.0 acres in size.
Marsh		MAR	A water saturated, very poorly drained area, intermittently or permanently water covered. Marshes are dominantly covered by sedges, cattails, and rushes. Typically 0.5 to 3.0 acre in size.
Rock outcrop		ROC	An exposure of bedrock at the surface of the earth , and surrounded by very deep soils. Typically 0.5 to 3.0 acres in size.
Sandy spot		SAN	Surface layer with sand content greater than 75 percent in areas where the surface layer of the named soils of the surrounding map unit have less than about 25 percent sand. Typically 0.5 to 3.0 acres in size.
Severely eroded		ERO	An area where on the average 75 percent or more of the original surface layer has been lost from accelerated erosion. Typically 0.5 to 3.0 acres in size.

Landform/ Surface Features	Field sheet Label	Digitized Label	Explanation
Wet spot	⚘	WET ⚘	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 0.5 to 3.0 acres in size.
Soil sample site	Ⓢ	Ⓢ	Symbol is used only to indicate location of typical pedons.

CONVERSION LEGEND FOR EDGAR COUNTY, ILLINOIS

AMENDED APRIL 1997

Field symbol	Publication symbol	Field symbol	Publication symbol	Field symbol	Publication symbol	Field symbol	Publication symbol
V113A	113A	27E2	618D2	105B	344B	154	154A
V164A	164A	27E3	618D3	112	112A	154A	154A
V451	3450A	27F	618F	113B	113A	154A1	154A
W	W	27F2	618F	126A0	152A	154B	154A
W165	165A	27G	618G	131B	570B2	154B2	56B2
W451	3450A	48	50A	131C2	134C2	164A	164A
5C2	5C2	50	50A	132	132A	164B	164B
5C3	5C2	55B	56B	132A	132A	164B2	164B
5D2	7D2	55C2	622C2	132A1	132A	165	165A
5D3	7D2	55C3	622C2	132B	132A	171B	171B
7D2	7D2	55D1	622C2	134A	134A	198	198A
7D3	7D2	55D2	622C2	134B	134B	198A	198A
8D2	7D2	55D3	622C2	134B2	134B	198B	198A
8D3	7D2	56A	56B	134C2	134C2	199A	199B
8E	8F	56A1	56B	134C3	134C2	199B	199B
8E2	7D2	56B	56B	134D2	134C2	206	208A
8E3	7D2	56B2	56B2	136	208A	207	208A
8F	8F	59A	481A	137A	134A	208	208A
8F2	8F	59A0	481A	137C2	134C2	214B	214B
8F3	7D2	59A1	481A	137C3	134C2	214C2	5C2
8G	8G	59B1	56B	145B	56B	214D2	7D2
8G1	8G	59B2	56B2	145B2	56B2	214D3	7D2
8G2	8G	60C1	622C2	145C3	622C2	219	219A
8G3	8G	60C2	622C2	145D3	622C2	219A	219A
9G2	8G	60C3	622C2	148A	148A	221B	622B2
24C1	618C2	60D3	622C2	148A1	148A	221B2	622B2
24C2	618C2	62A0	481A	148B	148B	221C2	622C2
24D2	618D2	67	67A	148B2	148B	221C3	622C2
25D3	618D3	69	69A	148C	622C2	221D2	622C2
25E3	618F	73	3450A	148C2	622C2	221D3	622C2
25F2	618F	79B	148B	148C3	622C2	224C2	618C2
25F3	618F	79C2	622C2	149	149A	224C3	618C3
25G2	618G	79D3	622C2	149++	149A	224D2	618D2
25G3	618G	80B2	148B	149A	149A	224D3	618D3
27B	322B	80C1	622C2	149A1	149A	224E2	618D2
27B2	322B	80D2	622C2	149B	149A	224E3	618D3
27C2	618C2	94G2	618G	151	149A	224F	618F
27C3	618C3	104	104A	152	152A	224F2	618F
27D2	618D2	104A	104A	152+	152A	224F3	618F
27D3	618D3	104B	104A	153	153A	224G	618G

EDGAR COUNTY, ILLINOIS --Continued

Field symbol	Publication symbol	Field symbol	Publication symbol	Field symbol	Publication symbol	Field symbol	Publication symbol
224G2	618G	353A1	353A	570C2	134C2		
233B	322B	353B	353A	610	496A		
233C2	322C2	376A	198A	656C2	322C2		
234	353A	376A1	198A	656C3	322C2		
234A	353A	376B	199B	665	8665A		
234A1	353A	376B2	199B	791B	134B		
234B	353A	377A	198A	791C2	134C2		
236	496A	377B	199B	791E	618F		
236B	291B	377C	622C2	791F	618F		
236B2	291B	377C2	622C2	804G	809F		
242	242A	383A	134B	813F	813F		
242A	242A	383B	134B	823A	823A		
243B	243B	383C2	134C2	823B	823B		
291A	291B	384A	242A	871F	809F		
291B	291B	384B	243B	871G	809F		
291B2	291B	424	3424A	3424	3424A		
291C2	322C2	428	3450A	3428	3450A		
291C3	322C2	431	8431A	3450	3450A		
304	8665A	451	3450A	3451	3450A		
322B	322B	451+	3450A	7253B	134B		
322B2	322B	481	481A	7253C	134C2		
322C	322C2	481A	481A	8073	3450A		
322C2	322C2	481A0	481A	8304	8665A		
322C3	322C2	481A1	481A	8428	3450A		
322D1	618D2	481B	481A	8431	8431A		
322D2	618D2	496	496A	8451	3450A		
322D3	618D3	496A	496A	8665	8665A		
322E2	618D2	496A1	496A				
322E3	618D3	496B	496A				
327B	134B	497B1	291B				
330	330A	497B2	291B				
331	8431A	497C1	322C2				
333	3424A	497C2	322C2				
344A	344B	497C3	322C2				
344B	344B	551D2	551F				
348A	348B	551F	551F				
348B	348B	551F2	551F				
348B2	348B	551G	551G				
353	353A	570B	570B2				
353A	353A	570B2	570B2				

MLRA 108A, 111, and 115A
EDGAR COUNTY SUBSETS

ALPHABETICAL IDENTIFICATION LEGEND

Symbol	Soil Map Unit Name
7D2	Atlas silt loam, 10 to 18 percent slopes, eroded
5C2	Blair silt loam, 5 to 10 percent slopes, eroded
149A	Brenton silt loam, 0 to 2 percent slopes
3450A	Brouillett silt loam, 0 to 2 percent slopes, frequently flooded
134A	Camden silt loam, 0 to 2 percent slopes
134B	Camden silt loam, 2 to 5 percent slopes
134C2	Camden silt loam, 5 to 10 percent slopes, eroded
171B	Catlin silt loam, 2 to 5 percent slopes
112A	Cowden silt loam, 0 to 2 percent slopes
56B	Dana silt loam, 2 to 5 percent slopes
56B2	Dana silt loam, 2 to 5 percent slopes, eroded
152A	Drummer silty clay loam, 0 to 2 percent slopes
198A	Elburn silt loam, 0 to 2 percent slopes
496A	Fincastle silt loam, 0 to 2 percent slopes
154A	Flanagan silt loam, 0 to 2 percent slopes
8431A	Genesee sandy loam, 0 to 2 percent slopes, occasionally flooded
551G	Gosport loam, 35 to 50 percent slopes
551F	Gosport silt loam, 18 to 35 percent slopes
67A	Harpster silty clay loam, 0 to 2 percent slopes
344B	Harvard silt loam, 2 to 5 percent slopes
8F	Hickory loam, 18 to 35 percent slopes
8G	Hickory loam, 35 to 60 percent slopes
214B	Hosmer silt loam, 2 to 5 percent slopes
242A	Kendall silt loam, 0 to 2 percent slopes
570B2	Martinsville loam, 2 to 5 percent slopes, eroded
69A	Milford silty clay loam, 0 to 2 percent slopes
219A	Millbrook silt loam, 0 to 2 percent slopes
113A	Oconee silt loam, 0 to 2 percent slopes
809F	Orthents, loamy-skeletal, acid, steep
813F	Orthents, silty, bedrock substratum-Pits, mine, complex, steep
153A	Pella silty clay loam, 0 to 2 percent slopes
330A	Peotone silty clay loam, 0 to 2 percent slopes
199B	Plano silt loam, 2 to 5 percent slopes
148A	Proctor silt loam, 0 to 2 percent slopes
148B	Proctor silt loam, 2 to 5 percent slopes
481A	Raub silt loam, 0 to 2 percent slopes
322B	Russell silt loam, 2 to 5 percent slopes
322C2	Russell silt loam, 5 to 10 percent slopes, eroded
823A	Schuline silty clay loam, 0 to 2 percent slopes
823B	Schuline silty clay loam, 2 to 5 percent slopes
618D3	Senachwine clay loam, 10 to 18 percent slopes, severely eroded
618C3	Senachwine clay loam, 5 to 10 percent slopes, severely eroded
618F	Senachwine loam, 18 to 35 percent slopes
618G	Senachwine loam, 35 to 60 percent slopes
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded

Symbol	Soil Map Unit Name
208A	Sexton silt loam, 0 to 2 percent slopes
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded
243B	St. Charles silt loam, 2 to 5 percent slopes
132A	Starks silt loam, 0 to 2 percent slopes
8665A	Stonelick fine sandy loam, 0 to 2 percent slopes, occasionally flooded
164A	Stoy silt loam, 0 to 2 percent slopes
164B	Stoy silt loam, 2 to 5 percent slopes
353A	Toronto silt loam, 0 to 2 percent slopes
50A	Virden silt loam, 0 to 2 percent slopes
104A	Virgil silt loam, 0 to 2 percent slopes
W	Water
165A	Weir silt loam, 0 to 2 percent slopes
348B	Wingate silt loam, 2 to 5 percent slopes
622B2	Wyanet silt loam, 2 to 5 percent slopes, eroded
622C2	Wyanet silt loam, 5 to 10 percent slopes, eroded
291B	Xenia silt loam, 2 to 5 percent slopes

MLRA'S 108A, 111, and 115A
EDGAR COUNTY SUBSETS

NUMERICAL IDENTIFICATION LEGEND

Symbol	Soil Map Unit Name
5C2	Blair silt loam, 5 to 10 percent slopes, eroded
7D2	Atlas silt loam, 10 to 18 percent slopes, eroded
8F	Hickory loam, 18 to 35 percent slopes
8G	Hickory loam, 35 to 60 percent slopes
50A	Virden silt loam, 0 to 2 percent slopes
56B	Dana silt loam, 2 to 5 percent slopes
56B2	Dana silt loam, 2 to 5 percent slopes, eroded
67A	Harpster silty clay loam, 0 to 2 percent slopes
69A	Milford silty clay loam, 0 to 2 percent slopes
104A	Virgil silt loam, 0 to 2 percent slopes
112A	Cowden silt loam, 0 to 2 percent slopes
113A	Oconee silt loam, 0 to 2 percent slopes
132A	Starks silt loam, 0 to 2 percent slopes
134A	Camden silt loam, 0 to 2 percent slopes
134B	Camden silt loam, 2 to 5 percent slopes
134C2	Camden silt loam, 5 to 10 percent slopes, eroded
148A	Proctor silt loam, 0 to 2 percent slopes
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
153A	Pella silty clay loam, 0 to 2 percent slopes
154A	Flanagan silt loam, 0 to 2 percent slopes
164A	Stoy silt loam, 0 to 2 percent slopes
164B	Stoy silt loam, 2 to 5 percent slopes
165A	Weir silt loam, 0 to 2 percent slopes
171B	Catlin silt loam, 2 to 5 percent slopes
198A	Elburn silt loam, 0 to 2 percent slopes
199B	Plano silt loam, 2 to 5 percent slopes
208A	Sexton silt loam, 0 to 2 percent slopes
214B	Hosmer silt loam, 2 to 5 percent slopes
219A	Millbrook silt loam, 0 to 2 percent slopes
242A	Kendall silt loam, 0 to 2 percent slopes
243B	St. Charles silt loam, 2 to 5 percent slopes
291B	Xenia silt loam, 2 to 5 percent slopes
322B	Russell silt loam, 2 to 5 percent slopes
322C2	Russell silt loam, 5 to 10 percent slopes, eroded
330A	Peotone silty clay loam, 0 to 2 percent slopes
344B	Harvard silt loam, 2 to 5 percent slopes
348B	Wingate silt loam, 2 to 5 percent slopes
353A	Toronto silt loam, 0 to 2 percent slopes
481A	Raub silt loam, 0 to 2 percent slopes
496A	Fincastle silt loam, 0 to 2 percent slopes
551F	Gosport silt loam, 18 to 35 percent slopes
551G	Gosport loam, 35 to 50 percent slopes
570B2	Martinsville loam, 2 to 5 percent slopes, eroded
618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded
618C3	Senachwine clay loam, 5 to 10 percent slopes, severely eroded

Symbol	Soil Map Unit Name
618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded
618D3	Senachwine clay loam, 10 to 18 percent slopes, severely eroded
618F	Senachwine loam, 18 to 35 percent slopes
618G	Senachwine loam, 35 to 60 percent slopes
622B2	Wyanet silt loam, 2 to 5 percent slopes, eroded
622C2	Wyanet silt loam, 5 to 10 percent slopes, eroded
809F	Orthents, loamy-skeletal, acid, steep
813F	Orthents, silty, bedrock substratum-Pits, mine,complex, steep
823A	Schuline silty clay loam, 0 to 2 percent slopes
823B	Schuline silty clay loam, 2 to 5 percent slopes
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded
3450A	Brouillett silt loam, 0 to 2 percent slopes, frequently flooded
8431A	Genesee sandy loam, 0 to 2 percent slopes, occasionally flooded
8665A	Stonelick fine sandy loam, 0 to 2 percent slopes, occasionally flooded
W	Water

CLASSIFICATION OF PEDONS SAMPLED FOR LABORATORY ANALYSES

1. Laboratory Data from NSSL

Soils	Pedon No.	Symbol	Approved
Dana	90IL-045-049	56B	Dana
Flanagan	90IL-045-046	154A	Flanagan
Miami	90IL-045-050	618C3	Senachwine
Parr	90IL-045-039	622B2	Wyanet
Xenia	90IL-045-054	291B	Xenia

2. Laboratory Data from University of Illinois Pedology laboratory

Soils	Pedon NO.	Symbol	Approved
Camden	88IL-045-006	134B	Camden
Drummer	87IL-045-049	152A	Drummer
Drummer	88I1-045-003	152A	Drummer
Drummer	88IL-045-004	152A	Drummer
Genesee	88IL-045-001	8431A	Genesee
Stonelick	87IL-045-050	8665A	Stonelick
Wingate	88IL-045-002	348B	Wingate

3. Engineering Test Data from Illinois Department of Transportation

Soil	Pedon No.	Symbol	Approved
Dana	90IL-045-049	56B	Dana
Flanagan	90IL-045-046	154A	Flanagan
Miami	90IL-045-050	618C3	Senachwine
Parr	90IL-045-039	622B2	Wyanet
Xenia	90IL-045-054	291B	Xenia

Notes to Accompany the
Classification and Correlation
of the Soils of
Edgar County, Illinois

prepared by Tonie J. Endres, MLRA Project Leader

SERIES	SYMBOL	PEDON NUMBER	SIR #	SERIES/ MAP UNIT	MLRA
ATLAS	7D2	89IL-045-024	IL0077	Series	115A
BLAIR	5C2	88IL-045-059	IL0026	Series	115A
BRENTON	149A	90IL-045-021	IL0104	Series	108A
BROUILLETT	3450A	91IL-045-010	IL0450	Series	108A
Series type location.					
CAMDEN	134A	90IL-045-056	IL0002	Map unit	108A
	134B	87IL-045-030	IL0002	Series	108A
	134C2	88IL-045-044	IL0002	Map unit	108A

The Camden soils in the 134B and 134C2 map units contain subhorizons in the Bt horizon that are more acid than defined for the series. The substratum of soils in the 134C2 map unit is also more acid than defined for the series.

CATLIN	171B	87IL-045-036	IL0145	Series	108A
COWDEN	112A	88IL-045-047	IL0025	Series	115A
DANA	56B	87IL-045-038	IN0038	Series	108A
	56B2	89IL-045-008	IN0038	Map unit	108A
DRUMMER	152A	87IL-045-044	IL0108	Series	108A
ELBURN	198A	90IL-045-010	IL0136	Series	108A
FINCASTLE	496A	87IL-045-011	IN0032	Series	108A
FLANAGAN	154A	87IL-045-037	IL0137	Series	108A
GENESEE	8431A	87IL-045-041	IN0045	Series	108A

These soils were identified in the 1992 correlation as taxadjuncts to the Genesee series because they contain a cambic horizon and classify as fine-loamy, mixed, mesic Fluventic Eutrochrepts. The taxonomic classification of the Genesee series

GOSPORT.....551F.....90IL-045-013 IA0203 Series 108A
551G.....90IL-045-012 IA0203 Map unit 108A

HARPSTER.....67A.....83IL-183-036 IL0147 Series 108A

This pedon is located about 7 miles north of the Edgar County line in Vermilion County, Illinois. It is the representative pedon for the Harpster series in Vermilion County. Only 145 acres of Harpster soils are mapped in Edgar County but the map unit is correlated because of its uniqueness.

HARVARD.....344B.....89IL-045-014 IL0339 Series 108A

HICKORY.....8F.....88IL-045-057 IL0019 Series 115A
8G.....91IL-045-002 IL0019 Map unit 115A

The 10YR 6/2 mottles in the Bt2 and Bt3 horizons of the 8F map unit are believed to be either relict redoximorphic features or colors inherited from the parent material. This is based on matrix colors and clay films both having chroma of 4, landform position, and steepness of slope. These soils are considered to be well drained.

HOSMER.....214B.....87IL-045-042 IN0054 Series 115A

These soils lack the very coarse primary soil structure of fragipans but are brittle enough to have an absence of roots in the Btx1 and 2Btx2 horizons. These horizons have moderate coarse prismatic structure. These soils are not considered to be taxadjuncts.

KENDALL.....242A.....90IL-045-025 IL0154 Series 108A

MARTINSVILLE..570B2.....88IL-045-063 IN0528 Series 115A

MILFORD.....69A.....90IL-045-009 IL0040 Series 108A

MILLBROOK.....219A.....90IL-045-011 IL0109 Series 108A

OCONEE.....113A.....88IL-045-042 IL0035 Series 115A

The lower part of the Btg horizon has less clay and is less acid than defined for the Oconee series.

ORTHENTS, LOAMY-SKELETAL, ACID, STEEP
809F.....91IL-045-011 IL8005 Map unit 108A

ORTHENTS, SILTY, BEDROCK SUBSTRATUM-PITS, MINE COMPLEX, STEEP
813F.....97IL-045-002 IL0549 Map unit 108A

These soils are in area that had been mined for coal. Reclamation work was completed after the 1992 correlation.

Acreage is small in Edgar County but is expected to be more extensive in the adjoining Vermillion County, Indiana.

PELLA.....	153A.....	90IL-045-001	IL0130	Series	108A
PEOTONE.....	330A.....	87IL-045-029	IL0125	Series	108A
PLANO.....	199B.....	91IL-045-008	IL0088	Series	108A
PROCTOR.....	148A.....	91IL-045-005	IL0138	Map unit	108A
	148B.....	88IL-045-029	IL0138	Series	108A
RAUB.....	481A.....	87IL-045-024	IN0056	Series	108A
RUSSELL.....	322B.....	87IL-045-007	IN0439	Series	108A
	322C2.....	88IL-045-041	IN0439	Map unit	108A

The Russell soils in the 322B map unit are less acid in the lower part of the Bt horizon than defined for the series. They also are slightly alkaline in the Ap horizon due to liming.

SCHULINE.....	823A.....	97IL-045-001	IL0330	Series	108A
	823B	97IL-045-003	IL0330	Map unit	108A

These soils are in area that had been mined for coal. Reclamation work was completed after the 1992 correlation. Acreage is small in Edgar County but is expected to be more extensive in the adjoining Vermillion County, Indiana.

The Schuline soils in the 823B map unit have a paralithic contact within a depth of 60 inches which is not defined for the series (contact is at 51"). The soils in this map unit are not considered to be taxadjuncts. Tables will be edited to show the paralithic layer.

SENACHWINE....	618C2.....	91IL-045-007	IL0502	Map unit	108A
	618C3.....	90IL-045-050	IL0502	Map unit	108A
	618D2.....	87IL-045-040	IL0502	Series	108A
	618D3.....	87IL-045-018	IL0502	Map unit	108A
	618F.....	91IL-045-004	IL0502	Map unit	108A
	618G.....	90IL-045-037	IL0502	Map unit	108A

This series replaces the soils previously correlated in Edgar County as well drained Miami series.

The 10YR 6/2 mottles in the C horizon of the 618D2 map unit and the 10YR 5/2 mottles in the BC horizon of the 618D3 map unit are believed to be either relict redoximorphic features or colors inherited from the parent material. Matrix colors in these horizons have chroma of either 4 or 6. These soils are considered to be well drained. Due to the influence of liming, the Senachwine soils in the 618C2 map unit are less acid in the upper part of the Bt horizon than defined for the series.

SEXTON	208A	88IL-045-060	IL0424	Series	115A
SHOALS	3424A	88IL-045-067	IN0014	Series	115A
ST. CHARLES	243B	88IL-045-040	IL0089	Series	108A
STARKS	132A	88IL-045-073	IL0069	Series	108A

The Starks soils contain subhorizons in the Bt horizon that are more acid than defined for the series.

STONELICK	8665A	87IL-045-050	OH0025	Series	108A
STOY	164A	87IL-045-013	IL0101	Series	115A
	164B	90IL-045-061	IL0101	Map unit	115A
TORONTO	353A	88IL-045-071	IN0077	Series	108A
VIRDEN	50A	90IL-045-014	IL0075	Series	115A
VIRGIL	104A	88IL-045-030	IL0187	Series	108A
WEIR	165A	88IL-045-015	IL0114	Series	115A
WINGATE	348B	87IL-045-034	IL0548	Series	108A

The series type location is moved to Edgar County with this correlation.

WYANET	622B2	91IL-045-003	IL0503	Map unit	108A
	622C2	87IL-045-045	IL0503	Series	108A

This series replaces the soils previously correlated in Edgar County as well drained Parr series.

The Wyanet soils in the 622C2 map unit are taxadjuncts to the series because they have a thinner, dark colored surface layer than defined for the series. They are fine-loamy, mixed, mesic Mollic Hapludalfs.

XENIA	291B	88IL-045-046	IN0053	Series	108A

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
50A	Virden silt loam, 0 to 2 percent slopes (where drained)
56B	Dana silt loam, 2 to 5 percent slopes
56B2	Dana silt loam, 2 to 5 percent slopes, eroded
67A	Harpster silty clay loam, 0 to 2 percent slopes (where drained)
69A	Milford silty clay loam, 0 to 2 percent slopes (where drained)
104A	Virgil silt loam, 0 to 2 percent slopes (where drained)
112A	Cowden silt loam, 0 to 2 percent slopes (where drained)
113A	Oconee silt loam, 0 to 2 percent slopes (where drained)
132A	Starks silt loam, 0 to 2 percent slopes (where drained)
134A	Camden silt loam, 0 to 2 percent slopes
134B	Camden silt loam, 2 to 5 percent slopes
148A	Proctor silt loam, 0 to 2 percent slopes
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 (where drained)
153A	Pella silty clay loam, 0 to 2 percent slopes (where drained)
154A	Flanagan silt loam, 0 to 2 percent slopes
164A	Stoy silt loam, 0 to 2 percent slopes
164B	Stoy silt loam, 2 to 5 percent slopes
171B	Catlin silt loam, 2 to 5 percent slopes
198A	Elburn silt loam, 0 to 2 percent slopes
199B	Plano silt loam, 2 to 5 percent slopes
208A	Sexton silt loam, 0 to 2 percent slopes (where drained)
214B	Hosmer silt loam, 2 to 5 percent slopes
219A	Millbrook silt loam, 0 to 2 percent slopes (where drained)
242A	Kendall silt loam, 2 to 5 percent slopes (where drained)
243B	St. Charles silt loam, 2 to 5 percent slopes
291B	Xenia silt loam, 2 to 5 percent slopes
322B	Russell silt loam, 2 to 5 percent slopes
330A	Peotone silty clay loam, 0 to 2 percent slopes (where drained)
344B	Harvard silt loam, 2 to 5 percent slopes
348B	Wingate silt loam, 2 to 5 percent slopes
353A	Toronto silt loam, 0 to 2 percent slopes (where drained)
481A	Raub silt loam, 0 to 2 percent slopes
496A	Fincastle silt loam, 0 to 2 percent slopes (where drained)
570B2	Martinsville loam, 2 to 5 percent slopes, eroded
622B2	Wyanet silt loam, 2 to 5 percent slopes, eroded
823A	Schuline silty clay loam, 0 to 2 percent slopes
823B	Schuline silty clay loam, 2 to 5 percent slopes

Prime farmland -- Continued

Map Symbol	Soil name
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded (where drained and either protected from flooding or not frequently flooded during the growing season)
3450A	Brouillett silt loam, 0 to 2 percent slopes, frequently flooded (where protected from flooding or not frequently flooded during the growing season)
8431A	Genesee sandy loam, 0 to 2 percent slopes, occasionally flooded
8665A	Stonelick fine sandy loam, 0 to 2 percent slopes, occasionally flooded

SOIL SURVEY EDGAR COUNTY, ILLINOIS
AMENDED APRIL 1997

CLASSIFICATION OF THE SOILS

Soil name	Family or higher taxonomic class
Atlas--------	Fine, smectitic, mesic Aeric Chromic Vertic Epiaqualfs
Blair--------	Fine-silty, mixed, mesic Aquic Hapludalfs
Brenton------	Fine-silty, mixed, mesic Aquic Argiudolls
Brouillett---	Fine-loamy, mixed, mesic Cumulic Hapludolls
Camden-------	Fine-silty, mixed, mesic Typic Hapludalfs
Catlin-------	Fine-silty, mixed, mesic Oxyaquic Argiudolls
Cowden-------	Fine, smectitic, mesic Vertic Albaqualfs
Dana---------	Fine-silty, mixed, mesic Oxyaquic Argiudolls
Drummer------	Fine-silty, mixed, mesic Typic Endoaquolls
Elburn-------	Fine-silty, mixed, mesic Aquic Argiudolls
Fincastle----	Fine-silty, mixed, mesic Aeric Epiaqualfs
Flanagan-----	Fine, smectitic, mesic Aquertic Argiudolls
Genesee------	Fine-loamy, mixed, mesic Fluventic Eutrochrepts
Gosport------	Fine, illitic, mesic Typic Dystrochrepts
Harpster-----	Fine-silty, mesic Typic Calciaquolls
Harvard------	Fine-silty, mixed, mesic Mollic Hapludalfs
Hickory------	Fine-loamy, mixed, mesic Typic Hapludalfs
Hosmer-------	Fine-silty, mixed, mesic Oxyaquic Fragiudalfs
Kendall------	Fine-silty, mixed, mesic Aeric Endoaqualfs
Martinsville	Fine-loamy, mixed, mesic Typic Hapludalfs
Milford------	Fine, mixed, mesic Typic Endoaquolls
Millbrook----	Fine-silty, mixed, mesic Udollic Endoaqualfs
Oconee-------	Fine, smectitic, mesic Udollic Epiaqualfs
Orthents-----	Fine-silty, mixed, nonacid, mesic Typic Udorthents
Orthents-----	Loamy-skeletal, mixed, acid, mesic Typic Udorthents
Pella--------	Fine-silty, mixed, mesic Typic Endoaquolls
Peotone------	Fine, smectitic, mesic Cumulic Vertic Endoaquolls
Plano--------	Fine-silty, mixed, mesic Typic Argiudolls
Proctor------	Fine-silty, mixed, mesic Typic Argiudolls
Raub---------	Fine-silty, mixed, mesic Aquic Argiudolls
Russell------	Fine-silty, mixed, mesic Typic Hapludalfs
Schuline-----	Fine-loamy, mixed, calcareous, mesic Typic Udorthents
Senachwine---	Fine-loamy, mixed, mesic Typic Hapludalfs
Sexton-------	Fine, smectitic, mesic Chromic Vertic Epiaqualfs
Shoals-------	Fine-loamy, mixed, nonacid, mesic Aeric Fluvaquents
St. Charles	Fine-silty, mixed, mesic Typic Hapludalfs
Starks-------	Fine-silty, mixed, mesic Aeric Endoaqualfs

CLASSIFICATION OF THE SOILS--Continued

Soil name	Family or higher taxonomic class
Stonelick----	Coarse-loamy, mixed, calcareous, mesic Typic Udifluvents
Stoy---------	Fine-silty, mixed, mesic Aquic Hapludalfs
Toronto------	Fine-silty, mixed, mesic Udollic Epiaqualfs
Virden-------	Fine, smectitic, mesic Vertic Argiaquolls
Virgil-------	Fine-silty, mixed, mesic Udollic Endoaqualfs
Weir---------	Fine, smectitic, mesic Chromic Vertic Epiaqualfs
Wingate------	Fine-silty, mixed, mesic Oxyaquic Hapludalfs
*Wyanet-------	Fine-loamy, mixed, mesic Typic Argiudolls
Xenia--------	Fine-silty, mixed, mesic Aquic Hapludalfs

Certification Statement

The Soil Survey Area 11 Team Leader certifies that:

a. The field mapping was completed in 1991.

b. Edgar County joins the following subsets of MLRA's 108A, 111, and 115A:

Champaign (published)
Clark (published)
Coles (published)
Douglas (published)
Vermilion (published)
Vermillion County, IN (published)
Vigo County, IN (published)

The joining has been checked for both the general soil map and the detailed soil maps. The difference in the names of the map units along with an explanation as to why there is a difference are on file in the Champaign, Illinois state office and MLRA office at Indianapolis, Indiana. The join is satisfactory.

c. Interpretations have been coordinated with adjoining survey areas.

d. The location of pedon descriptions are in soil areas using those names and legal descriptions. The locations have been checked by the Survey Leader.

e. All typical pedons are classified according to Soil Taxonomy.

f. The soil maps are complete, accurate, and consistent.

Approval Signature and Date

Travis Neely 5/1/97

Travis Neely
Soil Survey Area 11 Team Leader
Natural Resources Conservation
Service, USDA
Indianapolis, IN

Date

William J. Gradle 5-7-97

William J. Gradle
State Conservationist
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Date