

Davis

CLASSIFICATION AND CORRELATION

OF

THE SOILS OF

**WARRICK COUNTY
INDIANA**

MAY 1976



**U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
MIDWEST TECHNICAL SERVICE CENTER
LINCOLN, NEBRASKA**

UNITED STATES DEPARTMENT OF AGRICULTURE
Soil Conservation Service
Midwest Technical Service Center
Lincoln, Nebraska 68508

Classification and Correlation
of the Soils of
Warrick County, Indiana

The classification and correlation of Warrick County, Indiana was made a part of the final field review and field correlation which was held in the county November 3-7, 1975. The descriptive legend, laboratory data, correlation samples, field notes, series descriptions and completed SCS-Soils-5's were reviewed by Frank Sanders, soil correlator, Ray Sinclair, state soil scientist, Jerry Shively, party leader, and R. I. Turner, Wallace R. Houser, district conservationist and Jim Goettl, area conservationist, attended part of the review. R. I. Turner participated in the Comprehensive Field Review, November 4-8, 1974.

Symbol	Field Name	Approved Name	Manuscript* Map Symbol
AfA	Alford silt loam, 0-2% slopes	) Alford silt loam,) 2 to 6 percent slopes,	AfB2
AfB2	Alford silt loam, 2-6% slopes, eroded	) eroded	
AfC2	Alford silt loam, 6-12% slopes, eroded	) Alford silt loam,) 6 to 12 percent slopes	AfC
SyC2	Sylvan silt loam, 6-12% slopes, eroded)	
AfC3	Alford silt loam, 6-12% slopes, severely eroded	) Alford silt loam,) 6 to 12 percent slopes,) severely eroded	AfC3
SyC3	Sylvan silt loam, 6-12% slopes, severely eroded)	
AfD2	Alford silt loam, 12-18% slopes, eroded	) Alford silt loam,) 12 to 18 percent slopes	AfD
AfD3	Alford silt loam, 12-18% slopes, severely eroded	) Alford silt loam,) 12 to 18 percent slopes,) severely eroded	AfD3

*The first capital letter is the first one of the series name. The lower case letter that follows separates mapping units having names that begin with the same letter except that it does not separate sloping or eroded phases. The second capital letter indicates the class of slope. Symbols without a slope letter are those with a slope range of 0 to 2 percent. A final number of 2 or 3 in the symbol indicates that the soil is eroded or severely eroded respectively.

Symbol	Field Name	Approved Name	Manuscript Map Symbol
AfE2	Alford silt loam, 18-25% slopes, eroded	) Alford silt loam,) 18 to 25 percent slopes	AfE
Ba	Bartle silt loam	Bartle silt loam	Ba
Bd	Birds silt loam	Birds silt loam	Bd
Bn	Bonnie silt loam	Bonnie silt loam	Bn
Ev	Evansville silt loam	Evansville silt loam	Ev
GnF	Gilpin-Wellston silt loams, 25-35% slopes	) Gilpin silt loam,) 25 to 35 percent slopes	GnF
GgD	Gilpin soils, gullied, 12-18% slopes	) Gilpin soils, gullied,) 12 to 18 percent slopes	GpD
Gu	Gullied land)	
HeA	Henshaw silt loam, 0-2% slopes	) Henshaw silt loam,) 0 to 2 percent slopes	HeA
HoA	Hosmer silt loam, 0-2% slopes	) Hosmer silt loam,) 0 to 2 percent slopes	HoA
HoB2	Hosmer silt loam, 2-6% slopes, eroded	) Hosmer silt loam,) 2 to 6 percent slopes	HoB
HoB3	Hosmer silt loam, 2-6% slopes, severely eroded	) Hosmer silt loam,) 2 to 6 percent slopes,) severely eroded	HoB3
HoC2	Hosmer silt loam, 6-12% slopes, eroded	) Hosmer silt loam,) 6 to 12 percent slopes	HoC
HoC3	Hosmer silt loam, 6-12% slopes, severely eroded	) Hosmer silt loam,) 6 to 12 percent slopes,) severely eroded	HoC3
HoD2	Hosmer silt loam, 12-18% slopes, eroded	) Hosmer silt loam,) 12 to 18 percent slopes	HoD
HoD3	Hosmer silt loam, 12-18% slopes, severely eroded	) Hosmer silt loam,) 12 to 18 percent slopes,) severely eroded	HoD3
Hu	Huntington silt loam	Huntington silt loam	Hu

Symbol	Field Name	Approved Name	Manuscript Map Symbol
IvA	Iva silt loam, 0-2% slopes	) Iva silt loam,) 0 to 2 percent slopes	IvA
RsA	Reesville silt loam, 0-2% slopes))	
JoA	Johnsburg silt loam, 0-2% slopes	) Johnsburg silt loam,) 0 to 2 percent slopes	JoA
MkB2	Markland silt loam, 2-6% slopes, eroded	) Markland silt loam,) 2 to 6 percent slopes,) eroded	MkB2
MkC2	Markland silt loam, 6-18% slopes, eroded	) Markland silt loam,) 6 to 18 percent slopes	MkC
MoC3	Markland silty clay loam, 6-18% slopes, severely eroded	) Markland silty clay loam,) 6 to 18 percent slopes,) severely eroded	MoC3
MrA	McGary silt loam, 0-2% slopes	) McGary silt loam,) 0 to 2 percent slopes	MrA
MuA	Muren silt loam, 0-2% slopes	) Muren silt loam,) 0 to 2 percent slopes	MuA
SyA	Sylvan silt loam 0-2% slopes))	
MuB2	Muren silt loam, 2-6% slopes, eroded	) Muren silt loam,) 2 to 6 percent slopes,) eroded	MuB2
SyB2	Sylvan silt loam, 2-6% slopes, eroded))	
Ne	Newark silty clay loam	) Newark silty clay loam	Ne
Lm	Lindside silty clay loam	) (add one ad hoc symbol	
Rh	Rahm silty clay loam	) X to each delineation of Rh, one symbol for each 10 acres or each delineation, whichever is smaller)	
OrB	Orthents silty clay loam, 0-8% slopes	) Orthents,) 0 to 8 percent slopes	OrB
OrD	Orthents silty clay loam, 8-25% slopes	) Orthents,) 8 to 25 percent slopes	OrD
OrG	Orthents silty clay loam, 33-90% slopes	) Orthents,) 33 to 90 percent slopes	OrG

Symbol	Field Name	Approved Name	Manuscript Map Symbol
OsF	Orthents stony silty clay loam, 8-33% slopes	) Orthents stony,) 8 to 33 percent slopes)	OsF
OsG	Orthents stony silty clay loam, 33-90% slopes	) Orthents stony,) 33 to 90 percent slopes)	OsG
Pa	Patton silty clay loam	Patton silty clay loam	Pa
PeB2	Pekin silt loam, 2-6% slopes, eroded	) Pekin silt loam,) 1 to 4 percent slopes,)	PeB2
PeA	Pekin silt loam, 0-2% slopes	) eroded)	
Pg	Peoga silt loam	Peoga silt loam	Pg
ScA	Sciotoville silt loam, 1-4% slopes	) Sciotoville silt loam,) 1 to 3 percent slopes	ScA
ScB2			
Se	Steff silt loam	Steff silt loam	Se
Sn	Stendal silt loam	Stendal silt loam	Sn
TtA	Tilsit silt loam, 0-2% slopes	) Tilsit silt loam,) 0 to 2 percent slopes	TtA
TtB2	Tilsit silt loam, 2-6% slopes, eroded	) Tilsit silt loam,) 2 to 6 percent slopes,)	TtB2
TtB3	Tilsit silt loam, 2-6% slopes, severely eroded	) eroded))	
UnA	Uniontown silt loam, 0-2% slopes	) Uniontown silt loam,) 2-6% slopes, eroded	UnB2
UnB2	Uniontown silt loam, 2-6% slopes, eroded))	
UnC2	Uniontown silt loam, 6-12% slopes, eroded	) Uniontown silt loam,) 6 to 12 percent slopes	UnC
UnD2	Uniontown silt loam, 12-18% slopes, eroded	) Uniontown silt loam,) 12 to 18 percent slopes	UnD
UnC3	Uniontown silt loam, 6-12% slopes, severely eroded	) Uniontown silty clay loam,) 6 to 12 percent slopes,) severely eroded	UtC3

Symbol	Field Name	Approved Name	Manuscript Map Symbol
Wa	Wakeland silt loam	Wakeland silt loam	Wa
Gt WbA	Ginat silt loam Weinbach silt loam, 0-2% slopes	) Weinbach silt loam,) 0 to 2 percent slopes)	WbA
WeD WeD2	Wellston silt loam, 12-18% slopes Wellston silt loam, 12-18% slopes, eroded	) Wellston silt loam,) 12 to 18 percent slopes)))	WeD
WeD3	Wellston silt loam, 12-18% slopes, severely eroded	) Wellston silt loam,) 12 to 18 percent slopes,) severely eroded	WeD3
WeE WeE2 WeE3	Wellston silt loam, 18-25% slopes Wellston silt loam, 18-25% slopes, severely eroded	) Wellston silt loam,) 18 to 25 percent slopes,) eroded)	WeE2
WhA	Wheeling silt loam, 0-2% slopes	) Wheeling silt loam,) 0 to 2 percent slopes	WhA
WhB2 WhC3	Wheeling silt loam, 2-6% slopes, eroded Wheeling loam, 6-12% slopes, severely eroded	) Wheeling silt loam,) 2 to 6 percent slopes,) eroded))	WhB2
Wm	Wilbur silt loam	Wilbur silt loam	Wm
Wo	Woodmere silty clay loam	Woodmere silty clay loam	Wo
ZaB2	Zanesville silt loam, 2-6% slopes, eroded	) Zanesville silt loam,) 2 to 6 percent slopes, eroded	ZaB2
ZaC2	Zanesville silt loam, 6-12% slopes, eroded	) Zanesville silt loam,) 6 to 12 percent slopes	ZaC
ZaC3	Zanesville silt loam, 6-12% slopes, severely eroded	) Zanesville silt loam,) 6 to 12 percent slopes,) severely eroded	ZaC3
ZaD2	Zanesville silt loam, 12-18% slopes, eroded	) Zanesville silt loam,) 12 to 18 percent slopes	ZaD

Symbol	Field Name	Approved Name	Manuscript Map Symbol
ZaD3	Zanesville silt loam, 12-18% slopes, severely eroded	) Zanesville silt loam) 12 to 18 percent slopes,) severely eroded	ZaD3
Zp	Zipp silty clay loam	Zipp silty clay loam	Zp

Miscellaneous Mapping Units Correlated as Spot Symbols:

Map Symbol		Spot Symbol
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Cut and Fill land</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 40px;">C.F.</div>	(Party leader will remove delineations from the map and combine areas with most appropriate adjoining soil and show former delineations with one ad hoc symbol for each 5 acres.)	

Series established by this correlation:

None

Series dropped or made inactive:

None

Join statement:

The soil survey of Warrick County joins the modern soil surveys of Vanderburg County, Indiana and Spencer County, Indiana. The soil mapping unit delineations and the soil associations have been joined with these counties. There are a few minor discrepancies in naming which are the result of slight differences in soil survey legends, changes in the concepts of series as a result of recent developments in soil classification and different proportions of soils in some of the soil associations. In all cases of discrepancies, similar kinds of soils do join across the county lines.

Soil survey interpretations have been coordinated, and those being used in this manuscript are in agreement with the latest information on the SCS-Soils-5 forms.

The location of the typical pedons has been checked to verify that each location is accurate and the description is located within delineations of the named soil.

Disposition of field sheets:

The field sheets have been retained by Indiana. The field sheets will be forwarded when needed to the Lincoln Cartographic Unit for processing for overlays needed by Indiana for map finishing. The requirements of Soils Memorandum-8 have been complied with.

All cultural symbols to be retained for publication are noted as are those to be deleted. Appropriate symbols will be assigned using SCS-Soils-37A dated 3/75. This is in accordance with the instructions in Soils Advisory-10, dated May 2, 1975. Conditions or items represented by symbols are included in mapping unit discussions. It is noted that two kinds of intermittent streams were delineated on the field sheets, but they will be combined and shown under one symbol in the published soil survey as intermittent drainage. Roads will be shown as per county road map coded in accord with Soils-37A which will be furnished with copies of the field sheets.

SYMBOL LEGEND FOR CULTURAL FEATURES AND SPOT SYMBOLS

Conventional and Ad Hoc Symbols

<u>Description</u>	<u>Field Sheet Symbol</u>	<u>Recommended Disposition</u>
CULTURAL FEATURES		
BOUNDARIES		
State		Use latest standard map compilation procedure
County		
Minor civil division		
AD HOC BOUNDARY (label)		
Airfield		Retain
Cemetery		Retain
ROADS		
Divided (median shown if scale permits)		Follow latest instructions on designation of roads
County, farm		
ROAD EMBLEMS & DESIGNATIONS		
Interstate		Retain
Federal		Retain
State		Retain
RAILROAD		Retain
DAMS		
Medium or small		Retain
PITS		
Mine		Retain

<u>Description</u>	<u>Field Sheet Symbol</u>	<u>Recommended Disposition</u>
CULTURAL FEATURES (Cont'd)		
MISCELLANEOUS CULTURAL FEATURES		
Farmstead, house (omit in urban areas)	■	Retain
Church	■ +	Retain
School	■ ▲	Retain
Indian mound (label)	~	Retain
Wells, oil or gas	Ⓐ Ⓐ	Retain
WATER FEATURES		
DRAINAGE		
Perennial, double line	=	Retain
Perennial, single line	~	Retain
Intermittent	- · - - · · · -	Use latest standard map compilation procedure
Drainage end	~ · · · →	Retain
LAKES, PONDS AND RESERVOIRS		
Perennial	WATER W	Retain
MISCELLANEOUS WATER FEATURES		
Wet spot	⬇	Retain
SPECIAL SYMBOLS FOR SOIL SURVEY		
ESCARPMENTS		
Bedrock (points down slope)	v v v v v v v	Retain
Other than bedrock (points down slope)	|| ↓ ||| ↓ |	Retain

<u>Description</u>	<u>Field Sheet Symbol</u>	<u>Recommended Disposition</u>
--------------------	-------------------------------	------------------------------------

SPECIAL SYMBOLS FOR SOIL SURVEY (Cont'd)

GULLY

Retain

MISCELLANEOUS

Rock outcrop (includes
sandstone shale)

Retain

RECOMMENDED AD HOC SYMBOLS

Cut and fill land = 5 acres

Retain, use

Rahm inclusion = 10 acres

Retain, use

Approved: May 11, 1976

Maurice Stout, Jr.
 Head, Soil Correlation Staff
 Midwest TSC

CONVERSION LEGEND RELATING FIELD SYMBOLS
TO PUBLICATION SYMBOLS

Field Symbol	Publication Symbol	Field Symbol	Publication Symbol
AfA	AfB2	PeA	PeB2
AfB2	AfB2	PeB2	PeB2
AfC2	AfC	Pg	Pg
AfC3	AfC3	Rh	Ne
AfD2	AfD	RSA	IvA
AfD3	AfD3	ScA	ScA
AfE2	AfE	ScB2	ScA
Ba	Ba	Se	Se
Bd	Bd	Sn	Sn
Bn	Bn	SyA	MuA
Ev	Ev	SyB2	MuB2
GgD	GpD	SyC2	AfC
GnF	GnF	SyC3	AfC3
Gt	WbA	TtA	TtA
Gu	GpD	TtB2	TtB2
HeA	HeA	TtB3	TtB2
HoA	HoA	UnA	UnB2
HoB2	HoB	UnB2	UnB2
HoB3	HoB3	UnC2	UnC
HoC2	HoC	UnC3	UtC3
HoC3	HoC3	UnD2	UnD
HoD2	HoD	Wa	Wa
HoD3	HoD3	WbA	WbA
Hu	Hu	WeD	WeD
IvA	IvA	WeD2	WeD
JoA	JoA	WeD3	WeD3
Lm	Ne	WeE	WeE2
MkB2	MkB2	WeE2	WeE2
MkC2	MkC	WeE3	WeE2
MoC3	MoC3	WhA	WhA
MrA	MrA	WhB2	WhB2
MuA	MuA	WhC3	WhB2
MuB2	MuB2	Wm	Wm
Ne	Ne	Wo	Wo
OrB	OrB	ZaB2	ZaB2
OrD	OrD	ZaC2	ZaC
OrG	OrG	ZaC3	ZaC3
OsF	OsF	ZaD2	ZaD
OsG	OsG	ZaD3	ZaD3
Pa	Pa	Zp	Zp

CLASSIFICATION OF PEDONS SAMPLED FOR
LABORATORY ANALYSIS

Soil Survey Lab. SSIU - Lincoln, Nebraska

<u>Sampled As</u>	<u>Sample No.</u>	<u>Lab. No.</u>	<u>Approved</u>
Hosmer	S56-IN-87-1	5524-5532	Hosmer
Stoy	S54-IN-87-1	551260-551267	Hosmer

Purdue Soils Laboratory

<u>Sampled As</u>	<u>Sample No.</u>	<u>Lab. No.</u>	<u>Approved</u>
Woodmere silty clay	S74-IN-173-1(1-3)	423-425	Woodmere
Zanesville silt loam	S74-IN-173-2(1-3)	473-480	Zanesville
Huntington silt loam	S74-IN-173-3(1-3)	672-674	Huntington taxadjunct--dry color value marginal to 6 - Typic Udifluvents
Huntington silt loam	S74-IN-173-4(1-3)	675-677	Huntington taxadjunct--dry color value marginal to 6 - Typic Udifluvents
Huntington silt loam	S74-IN-173-5(1-3)	678-680	Huntington taxadjunct--dry color value of 6 - Typic Udifluvents
Orthents (strip mine spoil)		1010	Orthents, 0 to 8 percent slopes
Orthents (strip mine spoil)		1011-1012	Orthents, 0 to 8 percent slopes
Orthents (strip mine spoil)		1013-1014	Orthents, 0 to 8 percent slopes

<u>Sampled As</u>	<u>Sample No.</u>	<u>Lab. No.</u>	<u>Approved</u>
Gilpin silt loam	S73-IN-87-6(1-7)	61-68	Gilpin taxadjunct-- too high in silts
Gilpin silt loam	S73-IN-87-7(1-7)	69-75	Gilpin taxadjunct-- too deep to bed- rock
Zipp silty clay loam	S73-IN-87-1(1-5)	30-34	Zipp
Zipp silty clay loam	S73-IN-87-2(1-5)	35-39	Zipp Taxadjunct-- slightly less clay than defined range of series
Wellston silt loam	S73-IN-87-8(1-8)	76-83	Wellston
Gilpin silt loam	S75-IN-87-2(1-6)	2288-2293	Gilpin
Gilpin silt loam	S75-IN-87-1(1-7)	2282-2287	Gilpin taxadjunct-- too deep to bed- rock and base saturation too high
Gilpin silt loam	S75-IN-87-4(1-6)	2300-2305	Gilpin
Gilpin silt loam	S75-IN-87-3(1-6)	2294-2299	Gilpin taxadjunct-- base saturation too high and too deep to bedrock
Evansville silty clay loam	S73-IN-87-3(1-4)	40-43	Evansville
Evansville silty clay loam	S73-IN-87-4(1-3)	44-49	Evansville

Notes to Accompany
Classification and Correlation
of the Soils of
Warrick County, Indiana

by
Robert I. Turner

ALFORD SERIES

Alford soils in this area are in the most acid part of the range of the series and are marginal Ultic Hapludalfs and some inclusions probably meet the definition of Ultic Hapludalfs.

BARTLE SERIES

Bartle soils have browner colors than typical for the Bartle series. Indiana will expand the range of the series to include matrix colors with chroma of 3 if the faces of peds are dominated with chroma of 2 and there are mottles in the interiors of the peds.

GILPIN SERIES

Further study indicated that the Gilpin-Wellston soils could be renamed as Gilpin as soils clearly fitting the definition of the Wellston series were minor inclusions. Gilpin mapping units contain an inclusion of similar soils that are slightly deeper to bedrock and have base saturation within an inch or so above the bedrock of slightly higher than 35 percent.

HENSHAW SERIES

Henshaw soils are in the most acid part of the range of the series and have the finest textures in the B3 and C horizons allowed in the series.

HOSMER SERIES

The severely eroded mapping units have fragipans within depths approaching the minimum allowed in the definition of the Hosmer series and some inclusions of slightly shallower depths will be noted in the mapping unit descriptions.

HUNTINGTON SERIES

Huntington soils are taxadjuncts to the Huntington series as they have color value dry of 6 and thus fail the definition of a mollic epipedon. As the soils have a relatively good supply of organic matter, Huntington still seems the most appropriate name.

IVA SERIES

Iva soils are in the most acid part of the range of the Iva series.

JOHNSBURG SERIES

Johnsburg soils are grayer than allowed in the defined range of the Johnsborg series and are marginal to Fragiaquults and are taxadjuncts to the Johnsborg series. Some consideration was given to using the Mullins series but the mapping units were not considered as wet as the Mullins soils.

ORTHENTS

It was decided that surface textures were not appropriate for mapping units defined at higher levels in the classification scheme.

NEWARK SERIES

Because of relatively minor acreage mapping units of Lm and Rh previously named Lindside silty clay loam and Rahm silty clay loam were combined with the Newark series. The Lm mapping units were grayer and wetter than appropriate for the Lindside series. Rahm soils are more acid in the lower portion of the 10 to 40 inch control section than are the Newark soils but comprise only a couple hundred acres. These areas will be indicated on the soil map with ad hoc symbols and the presence of these areas noted in the mapping unit description of Newark silty clay loam.

PATTON SERIES

The typical pedon has a 10 inch mollic epipedon which is slightly thinner than allowed in the standard series description of Patton. The range of the Patton series should be expanded to allow mollic epipedons as thin as 10 inches.

PEOGA SERIES

The C horizons are less acid than the defined range of the Peoga series but we didn't indicate the units as taxadjuncts as the horizon in question was below depths of 60 inches.

SCIOTOVILLE SERIES

The Sciotoville soils have fine-silty control sections and are taxadjuncts to the Sciotoville series.

TILSIT SERIES

Tilsit soils are taxadjuncts to the Tilsit series as they have base saturation adjacent to the bedrock of more than 35 percent. As mapped in this survey area Tilsit soils have mottles with chroma of 2 above the fragipan although they are lacking in the upper 10 inches of the argillic horizon. Color hue of Tilsit soils in this survey area is 10YR. The B slopes of Tilsit soils tend to be on broader ridges and concave toe slopes as compared to the B slopes of Zanesville soils. In some pedons Tilsit soils are marginal to fine-loamy.

WAKELAND SERIES

Wakeland soils are on the less wet part of the range of the series and on the assumption that colors with chroma of 2 or less comprise 50 percent or more of the 15 to 30 inch horizon we are not identifying these soils as taxadjuncts.

WEINBACH SERIES

Weinbach soils are marginal to Typic Fragiaqualfs in morphology in this survey area.

WELLSTON SERIES

Wellston soils are marginal to fine-loamy and are in the least clayey part of the range of the series definition.

WHEELING SERIES

Wheeling soils in this survey are fine-silty and are taxadjuncts to the Wheeling series for that reason.

ZANESVILLE SERIES

Zanesville soils lack mottles with chroma of 2 or less above the fragipan and commonly have hue of 7.5YR in the argillic horizon. Although there is overlap in the B slope range, the B slope units of Zanesville tend to be more on narrower more convex ridges as compared to the Tilsit on B slope.

CLASSIFICATION OF SOILS

<u>Soil Series</u>	<u>Classification</u>
Alford	Typic Hapludalfs, fine-silty, mixed, mesic
Bartle	Aeric Fragiaqualfs, fine-silty, mixed, mesic (Typic)
Birds	Typic Fluvaquents, fine-silty, mixed, nonacid, mesic
Bonnie	Typic Fluvaquents, fine-silty, mixed, acid, mesic
Evansville	Typic Haplaquepts, fine-silty, mixed, nonacid, mesic
Gilpin	Typic Hapludults, fine-loamy, mixed, mesic
Henshaw	Aquic Hapludalfs, fine-silty, mixed, mesic
Hosmer	Typic Fragiudalfs, fine-silty, mixed, mesic
Huntington* ^{1/}	Fluventic Hapludolls, fine-silty, mixed, mesic
Iva	Aeric Ochraqualfs, fine-silty, mixed, mesic (Typic)
Johnsburg* ^{2/}	Aquic Fragiudults, fine-silty, mixed, mesic
Markland	Typic Hapludalfs, fine, mixed, mesic
McGary	Aeric Ochraqualfs, fine, mixed, mesic
Muren	Aquic Hapludalfs, fine-silty, mixed, mesic
Newark	Aeric Fluvaquents, fine-silty, mixed, nonacid, mesic
Orthents	Udorthents, loamy-skeletal, mixed, nonacid, mesic
Patton	Typic Haplaquolls, fine-silty, mixed, mesic
Pekin	Aquic Fragiudalfs, fine-silty, mixed, mesic
Peoga	Typic Ochraqualfs, fine-silty, mixed, mesic
Sciotoville* ^{3/}	Aquic Fragiudalfs, fine-loamy, mixed, mesic (Aqueptic)
Steff	Fluvaquentic Dystrochrepts, fine-silty, mixed, mesic
Stendal	Aeric Fluvaquents, fine-silty, mixed, acid, mesic (fine-loamy)
Tilsit* ^{4/}	Typic Fragiudults, fine-silty, mixed, mesic

<u>Soil Series</u>	<u>Classification</u>
Uniontown	Typic Hapludalfs, fine-silty, mixed, mesic
Wakeland	Aeric Fluvaquents, coarse-silty, mixed, nonacid, mesic
Weinbach	Aeric Fragiaqualfs, fine-silty, mixed, mesic
Wellston	Ultic Hapludalfs, fine-silty, mixed, mesic
Wheeling* ^{5/}	Ultic Hapludalfs, fine-loamy, mixed, mesic
Wilbur	Aquic Udifluvents, coarse-silty, mixed, nonacid, mesic
Woodmere	Dystric Fluventic Eutrochrepts, fine, mixed, mesic
Zanesville	Typic Fragiudalfs, fine-silty, mixed, mesic
Zipp	Typic Haplaquepts, fine, mixed, nonacid, mesic (Fluventic) (montmorillonitic)

*Taxadjunct--See Notes to Accompany Classification and Correlation of the Soils of Warrick County, Indiana for details.

1/ Typic Udifluvents, fine-silty, mixed, nonacid, mesic

2/ Aeric Fragiaquults, fine-silty, mixed, mesic

3/ Aquic Fragiudalfs, fine-silty, mixed, mesic

4/ Typic Fragiudalfs, fine-silty, mixed, mesic

5/ Ultic Hapludalfs, fine-silty, mixed, mesic