

United States Department of Agriculture  
Natural Resources Conservation Service  
MLRA 11 Office, Indianapolis, Indiana  
July 9, 2001

**First Amendment of the Classification and Correlation of the Soils of Jennings County, Indiana**

This first amendment was prepared by Byron G. Nagel, MLRA Project Leader, North Vernon, Indiana, and Gary R. Struben, Soil Data Quality Specialist, MLRA Region 11, Indianapolis, Indiana.

Page 1, Replace the last paragraph with the following Headnote and paragraph:

**Headnote for Detailed Soil Survey Legend**

This Soil Survey Legend is part of the IN State Legend and MLRA Regional Legend. Map symbols consist of a combination of letters, or letters and numbers. The initial one to three letters represents the map unit. A capital letter following the first three letters indicates a slope phase. Map symbols without a slope letter is for miscellaneous areas. Symbols ending with a number indicate an erosion class (2-moderate, 3-severe). A second capital letter indicates inundation phases or other soil phases. It is H-frequently flooded brief duration.

Pages 1-6, replace this entire section on Soil Correlation of Jennings County, IN Field and Publication Names and Symbols with the following:

Soil Correlation of Jennings County, IN  
Field and Publication Names and Symbols

Field symbols	Field map unit name	Publication symbol	Approved map unit name
AddA	Avonburg silt loam, 0 to 2 percent slopes	AddA	Avonburg silt loam, 0 to 2 percent slopes
AvA	Avonburg silt loam, 0 to 2 percent slopes	AddA	Avonburg silt loam, 0 to 2 percent slopes
AddB2	Avonburg silt loam, 2 to 4 percent slopes, eroded	AddB2	Avonburg silt loam, 2 to 4 percent slopes, eroded
AvB2 (Jennings Co)	Avonburg silt loam, 2 to 4 percent slopes, eroded	AddB2	Avonburg silt loam, 2 to 4 percent slopes, eroded
AvB2 (Ripley Co)	Avonburg silt loam, 2 to 6 percent slopes, eroded	AddB2	Avonburg silt loam, 2 to 4 percent slopes, eroded
Ba	Bartle silt loam	BbhA	Bartle silt loam, 0 to 2 percent slopes
BbhA	Bartle silt loam, 0 to 2 percent slopes	BbhA	Bartle silt loam, 0 to 2 percent slopes
Bo	Bonnie silt loam	BodAH	Bonnie silt loam, 0 to 1 percent slopes, frequently flooded, brief duration
BodAH	Bonnie silt loam, 0 to 1 percent slopes, frequently flooded, brief duration	BodAH	Bonnie silt loam, 0 to 1 percent slopes, frequently flooded, brief duration
CcB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	CkkB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded
CkkB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	CkkB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded
CnB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	CkkB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded
CcC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded	CkkC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded
CkkC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded	CkkC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded
CnC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded	CkkC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded
CcC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	CkkC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded
CkkC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	CkkC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded
CnC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	CkkC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded
CcD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded	CkkD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded
CkkD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded	CkkD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded
CnD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded	CkkD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded

Soil Correlation Of  
Jennings County Area, Indiana: Detailed Soil Map Legend

Field symbols	Field map unit name	Publication symbol	Approved map unit name
CkkD3	Cincinnati silt loam, 12 to 18 percent slopes, severely eroded	CkkD3	Cincinnati silt loam, 12 to 18 percent slopes, severely eroded
CnD3	Cincinnati silt loam, 12 to 18 percent slopes, severely eroded	CkkD3	Cincinnati silt loam, 12 to 18 percent slopes, severely eroded
Ck1C2	Cincinnati-Nabb silt loams, 2 to 12 percent slopes, eroded	Ck1C2	Cincinnati-Nabb silt loams, 2 to 12 percent slopes, eroded
CoC2	Cincinnati-Rossmoyne silt loams, 4 to 10 percent slopes, eroded	Ck1C2	Cincinnati-Nabb silt loams, 2 to 12 percent slopes, eroded
ClfA	Cobbsfork silt loam, 0 to 1 percent slopes	ClfA	Cobbsfork silt loam, 0 to 1 percent slopes
Cm	Cobbsfork silt loam	ClfA	Cobbsfork silt loam, 0 to 1 percent slopes
Cr	Clermont silt loam	ClfA	Cobbsfork silt loam, 0 to 1 percent slopes
CrbF	Corydon-Rock outcrop complex, 25 to 60 percent slopes	CrbF	Corydon-Rock outcrop complex, 25 to 60 percent slopes
CyF	Corydon stony silt loam, 25 to 40 percent slopes	CrbF	Corydon-Rock outcrop complex, 25 to 60 percent slopes
ErF	Eden-rock outcrop complex, 25 to 50 percent slopes	CrbF	Corydon-Rock outcrop complex, 25 to 60 percent slopes
Br	Brookston silty clay loam	CxdA	Cyclone silty clay loam, 0 to 1 percent slopes
CxdA	Cyclone silty clay loam, 0 to 1 percent slopes	CxdA	Cyclone silty clay loam, 0 to 1 percent slopes
EdcAH	Eel silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	EdcAH	Eel silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Ee	Eel silt loam	EdcAH	Eel silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Lb	Lobdell silt loam, frequently flooded	EdcAH	Eel silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
EepA	Elkinsville silt loam, 0 to 2 percent slopes	EepA	Elkinsville silt loam, 0 to 2 percent slopes
ElA	Elkinsville silt loam, 0 to 2 percent slopes	EepA	Elkinsville silt loam, 0 to 2 percent slopes
EepB2	Elkinsville silt loam, 2 to 6 percent slopes, eroded	EepB2	Elkinsville silt loam, 2 to 6 percent slopes, eroded
ElB2	Elkinsville silt loam, 2 to 6 percent slopes, eroded	EepB2	Elkinsville silt loam, 2 to 6 percent slopes, eroded
EepC2	Elkinsville silt loam, 6 to 12 percent slopes, eroded	EepC2	Elkinsville silt loam, 6 to 12 percent slopes, eroded
ElC2	Elkinsville silt loam, 6 to 12 percent slopes, eroded	EepC2	Elkinsville silt loam, 6 to 12 percent slopes, eroded
FcA	Fincastle silt loam, 0 to 3 percent slopes	FdbA	Fincastle silt loam, 0 to 2 percent slopes
FdbA	Fincastle silt loam, 0 to 2 percent slopes	FdbA	Fincastle silt loam, 0 to 2 percent slopes
FdmB2	Fincastle-Russell silt loams, 2 to 6 percent slopes, eroded	FdmB2	Fincastle-Russell silt loams, 2 to 6 percent slopes, eroded

Soil Correlation Of  
Jennings County Area, Indiana: Detailed Soil Map Legend

Field symbols	Field map unit name	Publication symbol	Approved map unit name
FrB2	Fincastle-Russell silt loams, 2 to 6 percent slopes, eroded	FdmB2	Fincastle-Russell silt loams, 2 to 6 percent slopes, eroded
GccAH	Genesee loam, 0 to 2 percent slopes, frequently flooded, brief duration	GccAH	Genesee loam, 0 to 2 percent slopes, frequently flooded, brief duration
Ge	Genesee loam	GccAH	Genesee loam, 0 to 2 percent slopes, frequently flooded, brief duration
GfC2	Grayford silt loam, 6 to 12 percent slopes, eroded	GmcC2	Grayford silt loam, 6 to 12 percent slopes, eroded
GmcC2	Grayford silt loam, 6 to 12 percent slopes, eroded	GmcC2	Grayford silt loam, 6 to 12 percent slopes, eroded
GfC3	Grayford silt loam, 6 to 12 percent slopes, severely eroded	GmcC3	Grayford silt loam, 6 to 12 percent slopes, severely eroded
GmcC3	Grayford silt loam, 6 to 12 percent slopes, severely eroded	GmcC3	Grayford silt loam, 6 to 12 percent slopes, severely eroded
GfD2	Grayford silt loam, 12 to 18 percent slopes, eroded	GmcD2	Grayford silt loam, 12 to 18 percent slopes, eroded
GmcD2	Grayford silt loam, 12 to 18 percent slopes, eroded	GmcD2	Grayford silt loam, 12 to 18 percent slopes, eroded
GrD2	Grayford silty clay loam, 12 to 18 percent slopes, eroded	GmcD2	Grayford silt loam, 12 to 18 percent slopes, eroded
GfD3	Grayford silt loam, 12 to 18 percent slopes, severely eroded	GmcD3	Grayford silt loam, 12 to 18 percent slopes, severely eroded
GmcD3	Grayford silt loam, 12 to 18 percent slopes, severely eroded	GmcD3	Grayford silt loam, 12 to 18 percent slopes, severely eroded
GmdE	Grayford silt loam, 18 to 35 percent slopes	GmdE	Grayford silt loam, 18 to 35 percent slopes
GrE	Grayford silt loam, 18 to 35 percent slopes	GmdE	Grayford silt loam, 18 to 35 percent slopes
GoE2	Grayford-Corydon soils, 18 to 25 percent slopes, eroded	GufE2	Grayford-Corydon silt loams, 18 to 25 percent slopes, eroded
GufE2	Grayford-Corydon silt loams, 18 to 25 percent slopes, eroded	GufE2	Grayford-Corydon silt loams, 18 to 25 percent slopes, eroded
Gu	Gullied land	Gxb	Gullied land
Gxb	Gullied land	Gxb	Gullied land
Ha	Haymond silt loam	HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
HeeE2	Hickory loam, 18 to 25 percent slopes, eroded	HeeE2	Hickory loam, 18 to 25 percent slopes, eroded
HkE2	Hickory loam, 18 to 25 percent slopes, eroded	HeeE2	Hickory loam, 18 to 25 percent slopes, eroded
HeeG	Hickory loam, 25 to 50 percent slopes	HeeG	Hickory loam, 25 to 50 percent slopes

Soil Correlation Of  
Jennings County Area, Indiana: Detailed Soil Map Legend

Field symbols	Field map unit name	Publication symbol	Approved map unit name
HkF	Hickory loam, 25 to 50 percent slopes	HeeG	Hickory loam, 25 to 50 percent slopes
HhuE	Hickory silt loam, 18 to 35 percent slopes	HhuE	Hickory silt loam, 18 to 35 percent slopes
HkE	Hickory silt loam, 18 to 35 percent slopes	HhuE	Hickory silt loam, 18 to 35 percent slopes
HeoD3	Hickory silt loam, 12 to 18 percent slopes, severely eroded	HeoD3	Hickory silt loam, 12 to 18 percent slopes, severely eroded
HkD3	Hickory silt loam, 12 to 18 percent slopes, severely eroded	HeoD3	Hickory silt loam, 12 to 18 percent slopes, severely eroded
HleAH	Holton silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	HleAH	Holton silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Hn	Holton silt loam, frequently flooded	HleAH	Holton silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
JaeB2	Jennings silt loam, 2 to 6 percent slopes, eroded	JaeB2	Jennings silt loam, 2 to 6 percent slopes, eroded
JnB2	Jennings silt loam, 2 to 6 percent slopes, eroded	JaeB2	Jennings silt loam, 2 to 6 percent slopes, eroded
JaeC2	Jennings silt loam, 6 to 12 percent slopes, eroded	JaeC2	Jennings silt loam, 6 to 12 percent slopes, eroded
JnC2	Jennings silt loam, 6 to 12 percent slopes, eroded	JaeC2	Jennings silt loam, 6 to 12 percent slopes, eroded
JaeC3	Jennings silt loam, 6 to 12 percent slopes, severely eroded	JaeC3	Jennings silt loam, 6 to 12 percent slopes, severely eroded
JnC3	Jennings silt loam, 6 to 12 percent slopes, severely eroded	JaeC3	Jennings silt loam, 6 to 12 percent slopes, severely eroded
JaeD2	Jennings silt loam, 12 to 18 percent slopes, eroded	JaeD2	Jennings silt loam, 12 to 18 percent slopes, eroded
JnD2	Jennings silt loam, 12 to 18 percent slopes, eroded	JaeD2	Jennings silt loam, 12 to 18 percent slopes, eroded
JaeD3	Jennings silt loam, 12 to 18 percent slopes, severely eroded	JaeD3	Jennings silt loam, 12 to 18 percent slopes, severely eroded
JnD3	Jennings silt loam, 12 to 18 percent slopes, severely eroded	JaeD3	Jennings silt loam, 12 to 18 percent slopes, severely eroded
MmoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	MmoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded
MoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	MmoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded
MmC2	Miami silt loam, 6 to 12 percent slopes, eroded	MnpC2	Miami silt loam, 6 to 12 percent slopes, eroded
MnpC2	Miami silt loam, 6 to 12 percent slopes, eroded	MnpC2	Miami silt loam, 6 to 12 percent slopes, eroded
MmD2	Miami silt loam, 12 to 18 percent slopes, eroded	MnpD2	Miami silt loam, 12 to 18 percent slopes, eroded

Soil Correlation Of  
Jennings County Area, Indiana: Detailed Soil Map Legend

Field symbols	Field map unit name	Publication symbol	Approved map unit name
MnpD2	Miami silt loam, 12 to 18 percent slopes, eroded	MnpD2	Miami silt loam, 12 to 18 percent slopes, eroded
NaaA	Nabb silt loam, 0 to 2 percent slopes	NaaA	Nabb silt loam, 0 to 2 percent slopes
RsA	Rossmoyne silt loam, 0 to 2 percent slopes	NaaA	Nabb silt loam, 0 to 2 percent slopes
NaaB2	Nabb silt loam, 2 to 6 percent slopes, eroded	NaaB2	Nabb silt loam, 2 to 6 percent slopes, eroded
RoB2	Rossmoyne silt loam, 2 to 6 percent slopes, eroded	NaaB2	Nabb silt loam, 2 to 6 percent slopes, eroded
RsB2	Rossmoyne silt loam, 2 to 6 percent slopes, eroded	NaaB2	Nabb silt loam, 2 to 6 percent slopes, eroded
NaaB3	Nabb silt loam, 2 to 6 percent slopes, severely eroded	NaaB3	Nabb silt loam, 2 to 6 percent slopes, severely eroded
RsB3	Rossmoyne silt loam, 2 to 6 percent slopes, severely eroded	NaaB3	Nabb silt loam, 2 to 6 percent slopes, severely eroded
PaB2	Parke silt loam, 2 to 6 percent slopes, eroded	PbbB2	Parke silt loam, 2 to 6 percent slopes, eroded
PbbB2	Parke silt loam, 2 to 6 percent slopes, eroded	PbbB2	Parke silt loam, 2 to 6 percent slopes, eroded
PaC2	Parke silt loam, 6 to 12 percent slopes, eroded	PbbC2	Parke silt loam, 6 to 12 percent slopes, eroded
PbbC2	Parke silt loam, 6 to 12 percent slopes, eroded	PbbC2	Parke silt loam, 6 to 12 percent slopes, eroded
PaC3	Parke silt loam, 6 to 12 percent slopes, severely eroded	PbbC3	Parke silt loam, 6 to 12 percent slopes, severely eroded
PbbC3	Parke silt loam, 6 to 12 percent slopes, severely eroded	PbbC3	Parke silt loam, 6 to 12 percent slopes, severely eroded
PcA	Pekin silt loam, 0 to 2 percent slopes	PcrA	Pekin silt loam, 0 to 2 percent slopes
PcrA	Pekin silt loam, 0 to 2 percent slopes	PcrA	Pekin silt loam, 0 to 2 percent slopes
PcB2	Pekin silt loam, 2 to 6 percent slopes, eroded	PcrB2	Pekin silt loam, 2 to 6 percent slopes, eroded
PcrB2	Pekin silt loam, 2 to 6 percent slopes, eroded	PcrB2	Pekin silt loam, 2 to 6 percent slopes, eroded
PeB2	Pekin silt loam, 2 to 6 percent slopes, eroded	PcrB2	Pekin silt loam, 2 to 6 percent slopes, eroded
PcC2	Pekin silt loam, 6 to 10 percent slopes, eroded	PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded
PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded	PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded
Pe	Peoga silt loam	PhaA	Peoga silt loam, 0 to 1 percent slopes
PhaA	Peoga silt loam, 0 to 1 percent slopes	PhaA	Peoga silt loam, 0 to 1 percent slopes
Pml	Pits, quarry	Pml	Pits, quarry
RpuE2	Rohan channery silt loam, 18 to 40 percent slopes, eroded	RpuE2	Rohan channery silt loam, 18 to 40 percent slopes, eroded

Soil Correlation Of  
Jennings County Area, Indiana: Detailed Soil Map Legend

Field symbols	Field map unit name	Publication symbol	Approved map unit name
WkE2	Weikert shaly silt loam, 18 to 40 percent slopes, eroded	RpuE2	Rohan channery silt loam, 18 to 40 percent slopes, eroded
GfB2	Grayford silt loam, 2 to 6 percent slopes, eroded	RtcB2	Ryker silt loam, 2 to 6 percent slopes, eroded
RtcB2	Ryker silt loam, 2 to 6 percent slopes, eroded	RtcB2	Ryker silt loam, 2 to 6 percent slopes, eroded
RyC2	Ryker silt loam, 6 to 12 percent slopes, eroded	RtcC2	Ryker silt loam, 6 to 12 percent slopes, eroded
RtcC2	Ryker silt loam, 6 to 12 percent slopes, eroded	RtcC2	Ryker silt loam, 6 to 12 percent slopes, eroded
St	Steff silt loam	StaAH	Steff silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
StaAH	Steff silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	StaAH	Steff silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
StdAH	Stendal silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	StdAH	Stendal silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Sx	Stendal silt loam	StdAH	Stendal silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
ThaC2	Trappist silt loam, 6 to 12 percent slopes, eroded	ThaC2	Trappist silt loam, 6 to 12 percent slopes, eroded
TrC2	Trappist silt loam, 6 to 12 percent slopes, eroded	ThaC2	Trappist silt loam, 6 to 12 percent slopes, eroded
ThaD2	Trappist silt loam, 12 to 18 percent slopes, eroded	ThaD2	Trappist silt loam, 12 to 18 percent slopes, eroded
TrD2	Trappist silt loam, 12 to 18 percent slopes, eroded	ThaD2	Trappist silt loam, 12 to 18 percent slopes, eroded
ThbC3	Trappist silty clay loam, 6 to 12 percent slopes, severely eroded	ThbC3	Trappist silty clay loam, 6 to 12 percent slopes, severely eroded
TsC3	Trappist silty clay loam, 6 to 12 percent slopes, severely eroded	ThbC3	Trappist silty clay loam, 6 to 12 percent slopes, severely eroded
ThbD3	Trappist silty clay loam, 12 to 18 percent slopes, severely eroded	ThbD3	Trappist silty clay loam, 12 to 18 percent slopes, severely eroded
TsD3	Trappist silty clay loam, 12 to 18 percent slopes, severely eroded	ThbD3	Trappist silty clay loam, 12 to 18 percent slopes, severely eroded
W	Water	W	Water
Wa (Jennings Co)	Wakeland silt loam	WaaAH	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Wa (Ripley Co)	Wakeland silt loam, frequently flooded	WaaAH	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
WaaAH	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	WaaAH	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, brief duration

Soil Correlation Of  
Jennings County Area, Indiana: Detailed Soil Map Legend

Field symbols	Field map unit name	Publication symbol	Approved map unit name
WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Wu	Wilbur silt loam	WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
WpuAH	Wirt silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	WpuAH	Wirt silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Wt	Wirt silt loam, frequently flooded	WpuAH	Wirt silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Wr	Wirt loam, flaggy clay substratum, frequently flooded	WwrAH	Wirt loam, flaggy clay substratum, 0 to 2 percent slopes, frequently flooded, brief duration
WwrAH	Wirt loam, flaggy clay substratum, 0 to 2 percent slopes, frequently flooded, brief duration	WwrAH	Wirt loam, flaggy clay substratum, 0 to 2 percent slopes, frequently flooded, brief duration

Page 6, replace the last 3 paragraphs with the following :

**Series correlated in the 1976 Soil Survey that are not correlated in this Amendment 1, and therefore dropped:** Brookston, Clermont, Rossmoyne, and Weikert.

**Series not correlated in the 1976 Soil Survey, but correlated in this Amendment 1 to the 1976 Jennings County Soil Survey, and therefore added:** Cyclone, Cobbsfork, Holton, Nabb, Rohan, Ryker, and Wirt.

**Instructions for Map Compilation and Digitizing**

Map compilation was completed by the Cartography Staff with the Indianapolis MLRA Project Office.

The following will be completed during the digitizing process: 1) All delineated G. P. units and delineated Quarry units will be changed to Pml Pits, quarry map units. 2) All delineated R. W. units will be removed from the maps. 3) For the CrbF delineations, both escarpment types, and rock outcrop symbols will be removed. 4) All spot symbols for depressions will be converted to sinkhole symbols. 5) All spot symbols for water (WAT) will be converted to the UWT symbol.

Pages 7-11, replace with the following Conventional and Special Symbols Legend and NRCS-SOILS-37A (2001)

### Conventional and Special Symbols Legend

Only those symbols indicated on the NRCS-SOILS-37A (2001) will be shown on the legend and placed on the digitized soil maps.

<u>Feature</u>	<u>Name</u>	<u>Description</u>
ESO	Escarpment, other	A relatively continuous and steep slope or cliff generally produced by erosion, but can be produced by faulting breaking the continuity of more gently sloping land surfaces. Exposed nonbedrock material is nonsoil or very shallow, poorly developed soil.
GRA	Gravelly spot	Surface layer has more than 35 percent, by volume, of rock fragments that are mostly less than 3 inches in diameter. Typically 0.2 to 2 acres.
GUL	Gully	A very small channel with steep sides cut by running water and through which water ordinarily runs only after a rain or an ice or snow melt. Generally is an obstacle to wheeled vehicles and is too deep to be obliterated by ordinary tillage.
MPI	Mine or quarry	An open excavation from which soil and underlying material is removed exposing the bedrock. Also used to denote surface openings to underground mines. Typically 0.2 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 0.2 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 0.2 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 0.2 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least 2 slope classes steeper than the slope class of the surrounding map unit.
SNK	Sinkhole	A closed depression formed either by solution of the surficial rock, or by collapse of underlying caves. Complexes of sinkholes in carbonate-rock terrain are the main components of karst topography. Typically 0.2 to 2 acres.
UWT	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year
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 0.2 to 2 acres.

# CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
<b>CULTURAL FEATURES</b>		<b>SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO</b>		<b>SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO</b>	
<b>BOUNDARIES</b>		<b>SOIL DELINEATIONS AND SYMBOLS</b>		<b>RECOMMENDED AD HOC SOIL SYMBOLS</b>	
✓ National, state, or province				<b>SYMBOL_ID</b>	<b>SYMBOL_ID</b>
✓ County or parish		<b>LANDFORM FEATURES</b>		1	23
✓ Minor civil division		<b>ESCARPMENTS</b>		2	24
Reservation (Military)		Bedrock		3	25
Land grant (Optional)		✓ Other than bedrock		4	26
		✓ SHORT STEEP SLOPE		5	27
		✓ GULLY		6	28
		<b>LEVEES</b>		7	29
		‡ Single side slope (showing actual feature location)		8	MUC 30
<b>OTHER BOUNDARY (label)</b>		<b>DEPRESSION, closed</b>		9	31
Airport (Label only)	Davis Airport or Airstrip	✓ SINKHOLE		10	32
✓ LAND DIVISION CORNERS (section and land grants)		<b>EXCAVATIONS</b>		11	33
GEOGRAPHIC COORDINATE TICK		<b>PITS</b>		12	34
<b>ROAD EMBLEMS &amp; DESIGNATIONS</b>		Borrow pit		13	35
Interstate		Gravel pit		14	36
Federal		✓ Mine or quarry		OBR 15	37
State		<b>MISCELLANEOUS SURFACE FEATURES</b>		16	38
		Blowout		17	39
		✓ Gravelly spot		WDP 18	40
		Marsh or swamp		19	41
		✓ Rock outcrop (includes sandstone and shale)		20	42
		✓ Sandy spot		21	43
		✓ Severely eroded spot		22	✓UWT 44
		Slide or slip			
		Spoil area			
		Stony spot			
		Very stony spot			
		✓ Wet spot			
<b>HYDROGRAPHIC FEATURES</b>					
<b>STREAMS</b>					
✓ Double line					
✓ Unclassified (single line)					
✓ Drainage end					

‡ Denotes SSURGO features and symbol.

Pages 12-13, replace with the following Soil Mapunit Symbol Conversion Legend for Jennings County, Indiana

Soil Mapunit Symbol Conversion Legend  
 Jennings County Area, Indiana: Detailed Soil Map Legend

Field symbols	Publication symbol
AddA	AddA
AddB2	AddB2
AvA	AddA
AvB2	AddB2
Ba	BbhA
BbhA	BbhA
Bo	BodAH
BodAH	BodAH
Br	CxdA
CcB2	CkkB2
CcC2	CkkC2
CcC3	CkkC3
CcD2	CkkD2
CkkB2	CkkB2
CkkC2	CkkC2
CkkC3	CkkC3
CkkD2	CkkD2
CkkD3	CkkD3
Ck1C2	Ck1C2
C1fA	C1fA
Cm	C1fA
CnB2	CkkB2
CnC2	CkkC2
CnC3	CkkC3
CnD2	CkkD2
CnD3	CkkD3
CoC2	Ck1C2
Cr	C1fA

Field symbols	Publication symbol
CrbF	CrbF
CxdA	CxdA
CyF	CrbF
EdcAH	EdcAH
Ee	EdcAH
EepA	EepA
EepB2	EepB2
EepC2	EepC2
E1A	EepA
E1B2	EepB2
E1C2	EepC2
ErF	CrbF
FcA	FdbA
FdbA	FdbA
FdmB2	FdmB2
FrB2	FdmB2
GccAH	GccAH
Ge	GccAH
GfB2	RtcB2
GfC2	GmcC2
GfC3	GmcC3
GfD2	GmcD2
GfD3	GmcD3
GmcC2	GmcC2
GmcC3	GmcC3
GmcD2	GmcD2
GmcD3	GmcD3
GmdE	GmdE

Field symbols	Publication symbol
GoE2	GufE2
GrD2	GmcD2
GrE	GmdE
Gu	Gxb
GufE2	GufE2
Gxb	Gxb
Ha	HcgAH
HcgAH	HcgAH
HeeE2	HeeE2
HeeG	HeeG
HhuE	HhuE
HeoD3	HeoD3
HkD3	HeoD3
HkE	HhuE
HkE2	HeeE2
HkF	HeeG
H1eAH	H1eAH
Hn	H1eAH
JaeB2	JaeB2
JaeC2	JaeC2
JaeC3	JaeC3
JaeD2	JaeD2
JaeD3	JaeD3
JnB2	JaeB2
JnC2	JaeC2
JnC3	JaeC3
JnD2	JaeD2
JnD3	JaeD3

Soil Mapunit Symbol Conversion  
Legend

Jennings County Area, Indiana:  
Detailed Soil Map Legend

Field symbols	Publi- cation symbol
Lb	EdcAH
MmC2	MnpC2
MmD2	MnpD2
MmoC3	MmoC3
MnpC2	MnpC2
MnpD2	MnpD2
MoC3	MmoC3
NaaA	NaaA
NaaB2	NaaB2
NaaB3	NaaB3
PaB2	PbbB2
PaC2	PbbC2
PaC3	PbbC3
PbbB2	PbbB2
PbbC2	PbbC2
PbbC3	PbbC3
PcA	PcrA
PcB2	PcrB2

Field symbols	Publi- cation symbol
PcC2	PcrC2
PcrA	PcrA
PcrB2	PcrB2
PcrC2	PcrC2
Pe	PhaA
PeB2	PcrB2
PhaA	PhaA
Pml	Pml
RoB2	NaaB2
RpuE2	RpuE2
RsA	NaaA
RsB2	NaaB2
RsB3	NaaB3
RyC2	RtcC2
RzmB2	RtcB2
RzmC2	RtcC2
St	StaAH
StaAH	StaAH
StdAH	StdAH

Field symbols	Publi- cation symbol
Sx	StdAH
ThaC2	ThaC2
ThaD2	ThaD2
ThbC3	ThbC3
ThbD3	ThbD3
TrC2	ThaC2
TrD2	ThaD2
TsC3	ThbC3
TsD3	ThbD3
W	W
Wa	WaaAH
WaaAH	WaaAH
WkE2	RpuE2
WokAH	WokAH
WpuAH	WpuAH
Wr	WwrAH
Wt	WpuAH
Wu	WokAH
WwrAH	WwrAH

Pages 15-16, add and change to the Notes to Accompany Classification and Correlation of the Soils of Jennings County, Indiana.

- Cyclone Series      The Cyclone Series is correlated for the Brookston series, and will join the Cyclone map units, which are approved for correlation in the Bartholomew Co Soil Survey Update.
- Cobbsfork Series    The Cobbsfork series is correlated for the Clermont Series for this survey area and throughout MLRA 114 in Indiana.
- Eel Series            The Eel Series in Jennings Co. are dominantly considered to be in the coarse-loamy particle-size family, and do not have a layer with carbonates in the particle-size family. They are considered taxadjuncts.
- Fincastle Series    The 1976 map unit of FcA Fincastle silt loam, 0 to 3 percent slopes is correlated to FbdA Fincastle silt loam, 0 to 2 percent slopes. The 2 to 3 percent slope range is considered to be a similar inclusion.
- Genesee Series      The Genesee Series in Jennings Co. are dominantly considered to be in the coarse-loamy particle-size family, and do not have a layer with carbonates in the particle-size family. They are considered taxadjuncts.
- Grayford Series     The Grayford Series correlated in Ripley Co. are considered taxadjuncts. The Grayford soils added to the Jennings Survey from the Jefferson Proving Ground area are of limited extent and therefore, are not considered taxadjuncts.
- Nabb Series          The Nabb series is correlated for the Rossmoyne Series for this survey area and throughout MLRA 114 in Indiana.
- Rohan Series         The Rohan series is correlated for the Weikert Series for this survey area.
- Steff Series         The Steff Series in Jennings Co. are dominantly considered to have a cambic horizon, and classify as Inceptisols. They are not considered taxadjuncts.

Page 19, add the following statement:

The MLRA 111 map units in Jennings County which includes the Cyclone, Fincastle, Miami and Russell soils will be remapped and re-correlated when the Jennings County survey is updated. A copy of the Jennings Co. Soil Survey Interim Report is at the Hoosier hills Project Office. This report has the original mapping before map units were broadly combined at the Jennings Co. Final Correlation Conference.

Pages 17-18, replace the Soil Classification with the following Classification of the Soils:

Classification of the Soils of Jennings County, Indiana

(An asterisk in the first column indicates a taxadjunct to the series. See Notes to accompany classification and correlation for a description of those characteristics that are outside the range of the series.) Classification is based on Keys to Soil Taxonomy, Eighth Edition.

Soil name	Family or higher taxonomic class
Avonburg-----	Fine-silty, mixed, active, mesic Aeric Fragic Glossaqualfs
Bartle-----	Fine-silty, mixed, active, mesic Aeric Fragiaqualfs
Bonnie-----	Fine-silty, mixed, active, acid, mesic Typic Fluvaquents
Cincinnati-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Cobbsfork-----	Fine-silty, mixed, active, mesic Fragic Glossaqualfs
Corydon-----	Clayey, mixed, superactive, mesic Lithic Argiudolls
Crosby-----	Fine, mixed, active, mesic Aeric Epiaqualfs
Cyclone-----	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
*Eel-----	Fine-loamy, mixed, superactive, mesic Fluvaquentic Eutrudepts
Elkinsville-----	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Fincastle-----	Fine-silty, mixed, superactive, mesic Aeric Epiaqualfs
*Genesee-----	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Grayford-----	Fine-loamy, mixed, active, mesic Ultic Hapludalfs
Haymond-----	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Hickory-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Holton-----	Coarse-loamy, mixed, active, nonacid, mesic Aeric Endoaquepts
Jennings-----	Fine-silty, mixed, active, mesic Typic Fragiudults
Miami-----	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
Nabb-----	Fine-silty, mixed, active, mesic Aquic Fragiudalfs
Parke-----	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Pekin-----	Fine-silty, mixed, active, mesic Aquic Fragiudults
Peoga-----	Fine-silty, mixed, superactive, mesic Fragic Epiaqualfs
Rohan-----	Loamy-skeletal, mixed, semiactive, mesic Lithic Dystrudepts
Russell-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Ryker-----	Fine-silty, mixed, active, mesic Typic Paleudalfs
Steff-----	Fine-silty, mixed, active, mesic Fluvaquentic Dystrudepts
Stendal-----	Fine-silty, mixed, active, acid, mesic Fluvaquentic Endoaquepts
Trappist-----	Clayey, mixed, semiactive, mesic Typic Hapludults
Wakeland-----	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Wilbur-----	Coarse-silty, mixed, superactive, mesic Fluvaquentic Eutrudepts
Wirt-----	Coarse-loamy, mixed, superactive, mesic Dystric Fluventic Eutrudepts

Approval Signatures and Date

\_\_\_\_\_  
Travis Neely  
Soil Survey Area 11  
Team Leader  
Indianapolis, Indiana

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jane E. Hardisty  
State Conservationist  
Indianapolis, Indiana

\_\_\_\_\_  
Date