UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

FIRST AMENDMENT TO THE MAY 1984 CLASSIFICATION AND CORRELATION OF THE SOILS OF MARTIN COUNTY, INDIANA

OCTOBER 2004

This amendment results from digitizing the Martin County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 1

The publication symbols from the published soil survey, issued in September of 1988, were converted to the Indiana statewide symbols legend to match the symbols used for the Hoosier National Forest legend. An explanation of the map unit symbol characters used in the Indiana Soil Identification Legend is provided in the new headnote below.

Page 1 - Replace the Headnote for the Detailed Soil Survey Legend, with the following:

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 indicates a slope phase. Map symbols without a slope letter are for miscellaneous areas and a few map units with no assigned slope range (e.g. udorthents, rubbish). Symbols ending with a number indicate an erosion class or that the map unit is a gullied phase. A second capital letter indicates inundations phases or other soil phases.

Second capital letter or Fifth Character Definitions: (of which not all are used in Martin County)

2	Moderate erosion class
3	Severe erosion class
5	Gullied phase
V	Frequently flooded, very brief duration
H	Frequently flooded, brief duration
I	Frequently flooded, long duration
J	Frequently flooded, very long duration
M	Frequently flooded, ponded
T	Frequently flooded, drained
Z	Frequently flooded, undrained
W	Occasionally flooded, very brief duration
K	Occasionally flooded, brief duration
L	Occasionally flooded, long duration
Q	Rarely flooded
P	Ponded
N	Drained
U	Undrained
Y	Leveed

Pages 2-6 – Replace the legend with the attached Soil Correlation of Martin County, Indiana.
Some map units were added to the legend to join the surrounding counties.

Soil Correlation of Martin County, Indiana

Field symbols	Field map unit name	Publication symbol	Approved map unit name
AbqD2	Adyeville silt loam, 12 to 18 percent slopes, slopes, eroded	AbqD2	Adyeville silt loam, 12 to 18 percent slopes, eroded
AbqD3	Adyeville silt loam, 12 to 18 percent slopes, severely eroded	AbqD3	Adyeville silt loam, 12 to 18 percent slopes, severely eroded
AbqE	Adyeville silt loam, 18 to 25 percent slopes	AbqE	Adyeville silt loam, 18 to 25 percent slopes
AbqE3	Adyeville silt loam, 18 to 25 percent slopes, severely eroded	AbqE3	Adyeville silt loam, 18 to 25 percent slopes, severely eroded
AciG	Adyeville-Tipsaw complex, 20 to 60 percent slopes	AciG	Adyeville-Tipsaw complex, 20 to 60 percent slopes
AclF	Adyeville-Tipsaw-Wellston complex, 18 to 50 slopes	AclF	Adyeville-Tipsaw-Wellston complex, 18 to 50 percent slopes
AcmE	Adyeville-Wellston silt loams, 18 to 25 percent slopes	AcmE	Adyeville-Wellston silt loams, 18 to 25 percent slopes
AcmF	Adyeville-Wellston silt loams, 18 to 50 percent slopes	AcmF	Adyeville-Wellston silt loams, 18 to 50 percent slopes
AgrA	Apalona silt loam, 0 to 2 percent slopes	AgrA	Apalona silt loam, 0 to 2 percent slopes
AgrB	Apalona silt loam, 2 to 6 percent slopes	AgrB	Apalona silt loam, 2 to 6 percent slopes
ZaB	Zanesville silt loam, 2 to 6 percent slopes	AgrB	Apalona silt loam, 2 to 6 percent slopes
AgrC2	Apalona silt loam, 6 to 12 percent slopes, eroded	AgrC2	Apalona silt loam, 6 to 12 percent slopes, eroded
ZaC2	Zanesville silt loam, 6 to 12 percent slopes, eroded	AgrC2	Apalona silt loam, 6 to 12 percent slopes, eroded
AgrC3	Apalona silt loam, 6 to 12 percent slopes, severely eroded	AgrC3	Apalona silt loam, 6 to 12 percent slopes, severely eroded
ZaC3	Zanesville silt loam, 6 to 12 percent slopes, severely eroded	AgrC3	Apalona silt loam, 6 to 12 percent slopes, severely eroded
AgyB	Apalona-Udorthents complex, 2 to 6 percent slopes	AgyB	Apalona-Udorthents complex, 2 to 6 percent slopes
ZnB	Zanesville-Udorthents complex, 2 to 6 percent slopes	AgyB	Apalona-Udorthents complex, 2 to 6 percent slopes
AgyC	Apalona-Udorthents complex, 6 to 12 percent slopes	AgyC	Apalona-Udorthents complex, 6 to 12 percent slopes
ZnC	Zanesville-Udorthents complex, 6 to 12 percent slopes	AgyC	Apalona-Udorthents complex, 6 to 12 percent slopes
AmoC2	Alvin-Bloomfield loamy fine sands, 4 to 10 percent slopes, eroded	AmoC2	Alvin-Bloomfield loamy fine sands, 4 to 10 percent slopes, eroded
AvC2	Alvin-Chelsea loamy fine sands, 4 to 10 percent slopes, eroded	AmoC2	Alvin-Bloomfield loamy fine sands, 4 to 10 percent slopes, eroded
AmoE	Alvin-Bloomfield loamy fine sands, 15 to 35 percent slopes	AmoE	Alvin-Bloomfield loamy fine sands, 15 to 35 percent slopes

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
AvE	Alvin-Chelsea loamy fine sands, 15 to 35 percent slopes	AmoE	Alvin-Bloomfield loamy fine sands, 15 to 35 percent slopes
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
BgeAH	Birds silt loam, 0 to 1 percent slopes, frequently flooded, brief duration	BgeAH	Birds silt loam, 0 to 1 percent slopes, frequently flooded, brief duration
Bk	Birds silt loam, frequently flooded	BgeAH	Birds silt loam, 0 to 1 percent slopes, frequently flooded, brief duration
Bo	Bonnie silt loam, frequently flooded	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
CaB	Camden silt loam, 1 to 5 percent slopes	CbaB	Camden silt loam, 1 to 5 percent slopes
CbaB	Camden silt loam, 1 to 5 percent slopes	CbaB	Camden silt loam, 1 to 5 percent slopes
ClmC	Cincinnati silt loam, 3 to 10 percent slopes	ClmC	Cincinnati silt loam, 3 to 10 percent slopes
CnB	Cincinnati silt loam, 3 to 10 percent slopes	ClmC	Cincinnati silt loam, 3 to 10 percent slopes
CrC	Crider silt loam, 3 to 10 percent slopes	CtnC	Crider silt loam, 3 to 10 percent slopes
CtnC	Crider silt loam, 3 to 10 percent slopes	CtnC	Crider silt loam, 3 to 10 percent slopes
CtwD2	Crider-Caneyville silt loams, 12 to 18 percent slopes, eroded	CtwD2	Crider-Caneyville silt loams, 12 to 18 percent slopes, eroded
CwaAK	Cuba silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration	CwaAH	Cuba silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
CwaAH	Cuba silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	CwaAH	Cuba silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
EaaC2	Ebal silt loam, 6 to 12 percent slopes, eroded	EaaC2	Ebal silt loam, 6 to 12 percent slopes, eroded
EbdD2	Ebal-Wellston silt loams, 10 to 18 percent slopes, eroded	EbdD2	Ebal-Wellston silt loams, 10 to 18 percent slopes, eroded
WlD	Wellston-Ebal silt loams, 10 to 18 percent slopes	EbdD2	Ebal-Wellston silt loams, 10 to 18 percent slopes, eroded
FamF	Fairpoint parachannery silt loam, 12 to 45 percent slopes	FamF	Fairpoint parachannery silt loam, 12 to 45 percent slopes
FbD	Fairpoint shaly silt loam, 12 to 45 percent slopes	FamF	Fairpoint parachannery silt loam, 12 to 45 percent slopes
FanC	Fairpoint parachannery silty clay loam, 4 to 16 percent slopes	FanC	Fairpoint parachannery silty clay loam, 4 to 16 percent slopes
FcC	Fairpoint shaly silty clay loam, 4 to 6 percent slopes	FanC	Fairpoint parachannery silty clay loam, 4 to 16 percent slopes
Bu	Burnside loam, occasionally flooded	GacAW	Gatchel loam, 1 to 3 percent slopes, occasionally flooded, very brief duration
BcrAW	Beanblossom silt loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	GacAW	Gatchel loam, 1 to 3 percent slopes, occasionally flooded, very brief duration

Field symbols	Field map unit name	Publication symbol	Approved map unit name
GacAW	Gatchel loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	GacAW	Gatchel loam, 1 to 3 percent slopes, occasionally flooded, very brief duration
HaD	Hagerstown silt loam, 12 to 18 percent slopes	HarD	Haggatt silt loam, 12 to 18 percent slopes
HarD	Haggatt silt loam, 12 to 18 percent slopes	HarD	Haggatt silt loam, 12 to 18 percent slopes
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
Hd	Haymond silt loam, frequently flooded	HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
HoB	Hosmer silt loam, 2 to 6 percent slopes	HsaB2	Hosmer silt loam, 2 to 6 percent slopes, eroded
HsaB2	Hosmer silt loam, 2 to 6 percent slopes, eroded	HsaB2	Hosmer silt loam, 2 to 6 percent slopes, eroded
JoA	Johnsburg silt loam, 0 to 2 percent slopes	JoaA	Johnsburg silt loam, 0 to 2 percent slopes
JoaA	Johnsburg silt loam, 0 to 2 percent slopes	JoaA	Johnsburg silt loam, 0 to 2 percent slopes
McC3	Markland silty clay loam, 6 to 12 percent slopes, eroded	McpC3	Markland silty clay loam, 6 to 12 percent slopes, severely eroded
McpC3	Markland silty clay loam, 6 to 12 percent slopes, severely eroded	McpC3	Markland silty clay loam, 6 to 12 percent slopes, severely eroded
MdA	Martinsville loam, 0 to 2 percent slopes	MecA	Martinsville loam, 0 to 2 percent slopes
MecA	Martinsville loam, 0 to 2 percent slopes	MecA	Martinsville loam, 0 to 2 percent slopes
MhhAH	McAdoo silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	MhhAH	McAdoo silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
No	Nolin silt loam, frequently flooded	MhhAH	McAdoo silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
MgA	McGary silty clay loam, rarely flooded, 0 to 2 percent slopes	MikAQ	McGary silty clay loam, 0 to 2 percent slopes, rarely flooded
MikAQ	McGary silty clay loam, 0 to 2 percent slopes, rarely flooded	MikAQ	McGary silty clay loam, 0 to 2 percent slopes, rarely flooded
Ab	Abscota loamy sand, frequently flooded	MvnAH	Moundhaven loamy sand, 0 to 2 percent slopes, frequently flooded, brief duration
MvrAH	Moundhaven loamy fine sand, 0 to 2 percent slopes, frequently flooded, brief duration	MvnAH	Moundhaven loamy sand, 0 to 2 percent slopes, frequently flooded, brief duration
MvnAH	Moundhaven loamy sand, 0 to 2 percent slopes, frequently flooded, brief duration	MvnAH	Moundhaven loamy sand, 0 to 2 percent slopes, frequently flooded, brief duration
NamF	Negley silt loam, 18 to 35 percent slopes	NamF	Negley silt loam, 18 to 35 percent slopes
NeE	Negley silt loam, 18 to 35 percent slopes	NamF	Negley silt loam, 18 to 35 percent slopes
NbhAH	Newark silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	NbhAH	Newark silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Nm	Newark silt loam, frequently flooded	NbhAH	Newark silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
OmrE	Orthents, 6 to 25 percent slopes	OmrE	Orthents, 6 to 25 percent slopes
Omz	Orthents, earthen dam	Omz	Orthents, earthen dam
PaC2	Parke silt loam, 6 to 12 percent slopes, eroded	PbbC2	Parke silt loam, 6 to 12 percent slopes, eroded

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
PbbC2	Parke silt loam, 6 to 12 percent slopes, eroded	PbbC2	Parke silt loam, 6 to 12 percent slopes, eroded
PaD2	Parke silt loam, 12 to 18 percent slopes, eroded	PbbD2	Parke silt loam, 12 to 18 percent slopes, eroded
PbbD2	Parke silt loam, 12 to 18 percent slopes, eroded	PbbD2	Parke silt loam, 12 to 18 percent slopes, eroded
PcrB	Pekin silt loam, 2 to 6 percent slopes	PcrB	Pekin silt loam, 2 to 6 percent slopes
PeB	Pekin silt loam, 2 to 6 percent slopes	PcrB	Pekin silt loam, 2 to 6 percent slopes
PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded	PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded
PlcAV	Piankeshaw silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration	PlcAV	Piankeshaw silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration
PkB	Pike silt loam, 2 to 6 percent slopes	PlfB	Pike silt loam, 2 to 6 percent slopes
PlfB	Pike silt loam, 2 to 6 percent slopes	PlfB	Pike silt loam, 2 to 6 percent slopes
MaB	Markland silt loam, 1 to 5 percent slopes	SfyB2	Shircliff silt loam, 2 to 6 percent slopes, eroded
SfyB2	Shircliff silt loam, 2 to 6 percent slopes, eroded	SfyB2	Shircliff silt loam, 2 to 6 percent slopes, eroded
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
UcuA	Udorthents, loamy	UcuA	Udorthents, loamy
Up	Udorthents-Pits complex	UcuA	Udorthents, loamy
UhD	Udorthents, silty, 6 to 14 percent slopes	Usl	Udorthents, rubbish
UcsD	Udorthents, silty, 6 to 14 percent slopes	Usl	Udorthents, rubbish
Usl	Udorthents, rubbish	Usl	Udorthents, rubbish
W	Water	W	Water
W	Water, less than 40 acres in size	W	Water
W4	Water, more than 40 acres in size	W	Water
Wa	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
WeB	Wellston silt loam, 2 to 6 percent slopes	WhfB	Wellston silt loam, 2 to 6 percent slopes
WhfB	Wellston silt loam, 2 to 6 percent slopes	WhfB	Wellston silt loam, 2 to 6 percent slopes
WeC2	Wellston silt loam, 6 to 12 percent slopes, eroded	WhfC2	Wellston silt loam, 6 to 12 percent slopes, eroded
WhfC2	Wellston silt loam, 6 to 12 percent slopes, eroded	WhfC2	Wellston silt loam, 6 to 12 percent slopes, eroded
WeD2	Wellston silt loam, 12 to 18 percent slopes, eroded	WhfD2	Wellston silt loam, 12 to 18 percent slopes, eroded
WhfD2	Wellston silt loam, 12 to 18 percent slopes, eroded	WhfD2	Wellston silt loam, 12 to 18 percent slopes, eroded

Field symbols	Field map unit name	Publication symbol	Approved map unit name
WeD3	Wellston silt loam, 12 to 18 percent slopes, severely eroded	WhfD3	Wellston silt loam, 12 to 18 percent slopes, severely eroded
WhfD3	Wellston silt loam, 12 to 18 percent slopes, severely eroded	WhfD3	Wellston silt loam, 12 to 18 percent slopes, severely eroded
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
Wr	Wilbur silt loam, frequently flooded	WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
WozD5	Wellston silt loam, 10 to 18 percent slopes, gullied	WozD5	Wellston silt loam, 10 to 18 percent slopes, gullied
WgG	Wellston-Berks-Gilpin complex, 18 to 70 percent slopes	WpfG	Wellston-Tipsaw-Adyeville complex, 18 to 70 percent slopes
WpfG	Wellston-Tipsaw-Adyeville complex, 18 to 70 percent slopes	WpfG	Wellston-Tipsaw-Adyeville complex, 18 to 70 percent slopes
WnE	Wellston-Gilpin complex, 12 to 30 percent slopes	WpnE	Wellston-Adyeville complex, 12 to 30 percent slopes
WpnE	Wellston-Adyeville complex, 12 to 30 percent slopes	WpnE	Wellston-Adyeville complex, 12 to 30 percent slopes
WpoD2	Wellston-Adyeville silt loams, 12 to 18 percent slopes, eroded	WpoD2	Wellston-Adyeville silt loams, 12 to 18 percent slopes, eroded
WppD2	Wellston-Adyeville-Ebal silt loams, 12 to 18 percent slopes, eroded	WppD2	Wellston-Adyeville-Ebal silt loams, 12 to 18 percent slopes, eroded
WprAH	Wirt loam, 0 to 2 percent slopes, frequently flooded, brief duration	WprAH	Wirt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Wt	Wirt fine sandy loam, frequently flooded	WprAH	Wirt loam, 0 to 2 percent slopes, frequently flooded, brief duration
WpD	Wellston-Udorthents complex, 12 to 18 percent slopes	WpvD	Wellston-Udorthents complex, 12 to 18 percent slopes
WpvD	Wellston-Udorthents complex, 12 to 18 percent slopes	WpvD	Wellston-Udorthents complex, 12 to 18 percent slopes
ZamB2	Zanesville silt loam, soft bedrock substratum, 2 to 6 percent slopes, eroded	ZamB2	Zanesville silt loam, soft bedrock substratum, 2 to 6 percent slopes, eroded
ZamC2	Zanesville silt loam, soft bedrock substratum, 6 to 12 percent slopes, eroded	ZamC2	Zanesville silt loam, soft bedrock substratum, 6 to 12 percent slopes, eroded
ZbpAQ	Zipp silty clay loam, 0 to 1 percent slopes, rarely flooded	ZcaAQ	Zipp silty clay, 0 to 1 percent slopes, rarely flooded
ZcaAQ	Zipp silty clay, 0 to 1 percent slopes, rarely flooded	ZcaAQ	Zipp silty clay, 0 to 1 percent slopes, rarely flooded
Zp	Zipp silty clay loam, rarely flooded	ZcaAQ	Zipp silty clay, 0 to 1 percent slopes, rarely flooded

Page 7 – Series Added from Previously Correlated Legend for Martin County:
Adyeville, Apalona, Bloomfield, Caneyville, Gatchel, Haggatt, McAdoo, Moundhaven, Piankeshaw, Shircliff, Steff, and Tipsaw.

Page 7 - Series Dropped from Previously Correlated Legend for Martin County:
Abscota, Berks, Burnside, Chelsea, Gilpin, Hagerstown, and Nolin.

Page 8 – Replace the 37A dated 12/82, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Only the following standard soil survey features will be shown on the legend and placed on the digitized soil maps:

Feature	Name	Description
ESB	Escarpment, bedrock	A relatively continuous and steep slope or cliff, which was produced by erosion or faulting, that breaks the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.
GUL	Gully	A small channel with steep sides cut by running water through which water ordinarily runs only after a rain, or after ice or snow melts. It generally is an obstacle to wheeled vehicles and is too deep to be obliterated by ordinary tillage.
MAR	Marsh or swamp	A water saturated, very poorly drained area, intermittently or permanently covered by water. Sedges, cattails, and rushes dominate marsh areas. Trees or shrubs dominate swamps. Typically 0.2 to 2 acres.
MPI	Mine or quarry	An open excavation from which soil and underlying material are removed and bedrock is exposed. Also denotes surface openings to underground mines. Typically 0.2 to 2 acres.
SAN	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. 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 or where "Rock outcrop" is a named component of the map unit. 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 because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

Only the following ad hoc features will be shown on the legend and placed on the digitized soil maps:

Label	Symbol ID	Name	Description
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

Page 9 & 10– Prime Farmland Map Units:

Replace the list of prime farmland map units with the following:

Martin County, Indiana
Prime or other Important Farmland

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

Map symbol	Map unit name	Farmland Classification
AgrA	Apalona silt loam, 0 to 2 percent slopes	All areas are prime farmland
AgrB	Apalona silt loam, 2 to 6 percent slopes	All areas are prime farmland
BbhA	Bartle silt loam, 0 to 2 percent slopes	Prime farmland if drained
BgeAH	Birds silt loam, 0 to 1 percent slopes, frequently flooded, brief duration	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
BodAH	Bonnie silt loam, 0 to 1 percent slopes, frequently flooded,brief duration	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
CbaB	Camden silt loam, 1 to 5 percent slopes	All areas are prime farmland
CwaAK	Cuba silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration	All areas are prime farmland
HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Prime farmland if protected from flooding or not frequently flooded during the growing season
HsaB2	Hosmer silt loam, 2 to 6 percent slopes, eroded	All areas are prime farmland
JoaA	Johnsburg silt loam, 0 to 2 percent slopes	Prime farmland if drained
MecA	Martinsville loam, 0 to 2 percent slopes	All areas are prime farmland
MhhAH	McAdoo silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Prime farmland if protected from flooding or not frequently flooded during the growing season
MikAQ	McGary silty clay loam, 0 to 2 percent slopes, rarely flooded	Prime farmland if drained
NbhAH	Newark silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
PcrB	Pekin silt loam, 2 to 6 percent slopes	All areas are prime farmland
PlcAV	Piankeshaw silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration	Prime farmland if protected from flooding or not frequently flooded during the growing season
PlfB	Pike silt loam, 2 to 6 percent slopes	All areas are prime farmland
SfyB2	Shircliff silt loam, 2 to 6 percent slopes, eroded	All areas are prime farmland
StaAH	Steff silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Prime farmland if protected from flooding or not frequently flooded during the growing season
WaaAH	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
WhfB	Wellston silt loam, 2 to 6 percent slopes	All areas are prime farmland
WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Prime farmland if protected from flooding or not frequently flooded during the growing season
WprAH	Wirt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Prime farmland if protected from flooding or not frequently flooded during the growing season
ZamB2	Zanesville silt loam, soft bedrock substratum, 2 to 6 percent slopes, eroded	All areas are prime farmland
ZbpAQ	Zipp silty clay loam, 0 to 1 percent slopes, rarely flooded	Prime farmland if drained

Indiana Official 37A For
Compilation, Digitizing, and DMF
Revised June 30, 2004

Soil Survey Area: MARTIN

State: Indiana

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

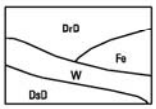
U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Date: SEPTEMBER 2004

DESCRIPTION	SYMBOL

SOIL SURVEY FEATURES

SOIL DELINEATIONS AND LABELS



STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES

- Bedrock escarpment
- Nonbedrock escarpment
- Gully
- Levee
- Short steep slope
- Blowout
- Borrow pit
- Clay spot
- Closed depression
- Gravel pit
- Gravelly spot
- Landfill
- Marsh or swamp
- Mine or quarry
- Rock outcrop
- Sandy spot
- Severely eroded spot
- Sinkhole
- Slide or slip
- Spoil area
- Stony spot
- Very stony spot
- Wet spot

AD HOC FEATURES (Describe on back)

LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
DCS	1		CRO	23	
DKS	2		MIA	24	
OVW	3		CGM	25	
VMS	4		MIL	26	
EAS	5			27	
WAS	6		SID	28	
SAS	7			29	
CAF	8		MUC	30	
CAL	9			31	
SLR	10			32	
DUN	11			33	
BRV	12			34	
BRM	13		MRL	35	
BRD	14			36	
OBR	15			37	
SSR	16		SAM	38	
LBR	17			39	
WDP	18		VSE	40	
SBR	19			41	
COB	20			42	
CNS	21			43	
FES	22		UNT	44	

DESCRIPTION	SYMBOL

CULTURAL FEATURES (Optional)

BOUNDARIES

- National, state or province
- County or parish
- Minor civil division
- Reservation (Military)
- Land grant (Optional)
- Field sheet matchline and neatline
- Public Land Survey System Section Corner Tics

GEOGRAPHIC COORDINATE TICK

ROAD EMBLEMS

- Interstate
- Federal
- State

LOCATED OBJECTS

Airport (Label only) — Davis Airport or Airstrip

DESCRIPTION	SYMBOL

HYDROGRAPHIC FEATURES (Optional)

- Drainage end (indicates direction of flow)
- Unclassified stream

Pages 11 & 12 – Conversion Legend: Replace the conversion with the following:
Map unit symbols from the 1988 Published Soil Survey are listed under Field symbols and the new symbol used on the digital soil maps is listed under the Publication symbol.

Soil Mapunit Symbol Conversion Legend
Martin County, Indiana: Detailed Soil Map Legend

Field symbols	Publication symbol
Ab	MvrAH
AbqD2	AbqD2
AbqD3	AbqD3
AbqE	AbqE
AbqE3	AbqE3
AciG	AciG
AclF	AclF
AcmE	AcmE
AcmF	AcmF
AgrA	AgrA
AgrB	AgrB
AgrC2	AgrC2
AgrC3	AgrC3
AgyB	AgyB
AgyC	AgyC
AmoC2	AmoC2
AmoE	AmoE
AvC2	AmoC2
AvE	AmoE
Ba	BbhA
BbhA	BbhA
BcrAW	GacAW
BgeAH	BgeAH
Bk	BgeAH
Bo	BodAH
BodAH	BodAH
Bu	GacAW
CaB	CbaB
CbaB	CbaB
ClmC	ClmC
CnB	ClmC
CrC	CtnC
CspC2	CspC2
CtnC	CtnC
CtwD2	CtwD2
CwaAK	CwaAH
CwaAH	CwaAH
EaaC2	EaaC2
EbdD2	EbdD2
FamF	FamF
FanC	FanC
FbD	FamF
FcC	FanC
GacAW	GacAW
HaD	HarD
HarD	HarD
HcgAH	HcgAH
Hd	HcgAH
HoB	HsaB2
HsaB2	HsaB2
JoA	JoaA
JoaA	JoaA
MaB	SfyB2
McC3	McpC3
McpC3	McpC3
MdA	MecA
MecA	MecA
MgA	MikAQ
MhhAH	MhhAH
MikAQ	MikAQ
MvnAH	MvnAH
MvrAH	MvnAH
NamF	NamF
NbhAH	NbhAH
NeE	NamF
Nm	NbhAH
No	MhhAH
OmrE	OmrE
Omz	Omz
PaC2	PbbC2
PaD2	PbbD2
PbbC2	PbbC2
PbbD2	PbbD2
PcrB	PcrB
PcrC2	PcrC2

Field symbols	Publication symbol
PeB	PcrB
PkB	PlfB
PlcAV	PlcAV
PlfB	PlfB
SfyB2	SfyB2
StaAH	StaAH
UcsD	Usl
UcuA	UcuA
UhD	Usl
Up	UcuA
Usl	Usl
W	W
W4	W
Wa	WaaAH
WaaAH	WaaAH
WeB	WhfB

Field symbols	Publication symbol
WeC2	WhfC2
WeD2	WhfD2
WeD3	WhfD3
WgG	WpfG
WhfB	WhfB
WhfC2	WhfC2
WhfD2	WhfD2
WhfD3	WhfD3
WlD	EbdD2
WnE	WpnE
WokAH	WokAH
WozD5	WozD5
WpD	WpvD
WpfG	WpfG
WpnE	WpnE
WpoD2	WpoD2

Field symbols	Publication symbol
WppD2	WppD2
WprAH	WprAH
WpvD	WpvD
Wr	WokAH
Wt	WprAH
ZaB	AgrB
ZaC2	AgrC2
ZaC3	AgrC3
ZamB2	ZamB2
ZamC2	ZamC2
ZbpAQ	ZcaAQ
ZcaAQ	ZcaAQ
ZnB	AgyB
ZnC	AgyC
Zp	ZcaAQ

Pages 15 to 17 – Notes to Accompany:

ADYEVILLE SERIES
This soil was correlated as Gilpin previously in Martin County.

APALONA SERIES
This soil was correlated as Zanesville previously in Martin County.

BLOOMFIELD SERIES
This soil was correlated as Chelsea previously in Martin County.

GATCHEL SERIES
This soil was correlated as Burnside previously in Martin County.

HAGGATT SERIES
This soil was correlated as Hagerstown previously in Martin County.

MOUNDHAVEN SERIES
This soil was correlated as Abscota previously in Martin County.

SHIRCLIFF SERIES
This soil was correlated as Markland on 2 to 6 percent slopes previously in Martin County.

TIPSAW SERIES
This soil was correlated as Berks previously in Martin County.

The following map units were added to the Martin County Soil Survey Legend to join surrounding counties:

Publication Symbol	Approved map unit name
Dubois County:	
AbqD2	Adyeville silt loam, 12 to 18 percent slopes, eroded
AbqD3	Adyeville silt loam, 12 to 18 percent slopes, severely eroded
AbqE	Adyeville silt loam, 18 to 25 percent slopes
AbqE3	Adyeville silt loam, 18 to 25 percent slopes, severely eroded
AciG	Adyeville-Tipsaw complex, 20 to 60 percent slopes
AgrA	Apalona silt loam, 0 to 2 percent slopes
CwaAH	Cuba silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
OmrE	Orthents, 6 to 25 percent slopes
PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded
StaAH	Steff silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
Greene County:	
AcmE	Adyeville-Wellston silt loams, 18 to 25 percent slopes
PlcAV	Piankeshaw silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration
ZamB2	Zanesville silt loam, soft bedrock substratum, 2 to 6 percent slopes, eroded
ZamC2	Zanesville silt loam, soft bedrock substratum, 6 to 12 percent slopes, eroded
Lawrence County:	
AclF	Adyeville-Tipsaw-Wellston complex, 18 to 50 slopes
EaaC2	Ebal silt loam, 6 to 12 percent slopes, eroded
WozD5	Wellston silt loam, 10 to 18 percent slopes, gullied
WpoD2	Wellston-Adyeville silt loams, 12 to 18 percent slopes, eroded
Orange County:	
AcmF	Adyeville-Wellston silt loams, 18 to 50 percent slopes
CtwD2	Crider-Caneyville silt loams, 12 to 18 percent slopes, eroded
WppD2	Wellston-Adyeville-Ebal silt loams, 12 to 18 percent slopes, eroded

The following map unit was added to the Martin County Soil Survey Legend for dams that were large enough to delineate as polygons:

Publication Symbol	Approved map unit name
Omz	Orthents, earthen dam

Pages 18 & 19-- Replace the Classification of the Soils table with the following, amended per Soil Taxonomy 9th edition:

Martin County, Indiana
Taxonomic Classification of the Soils
(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Adyeville	Coarse-loamy, mixed, semiactive, mesic Typic Hapludults
Alvin	Coarse-loamy, mixed, superactive, mesic Typic Hapludalfs
Apalona	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Bartle	Fine-silty, mixed, active, mesic Aeric Fragiaqualfs
Birds	Fine-silty, mixed, superactive, nonacid, mesic Typic Fluvaquents
Bloomfield	Mixed, mesic Lamellic Hapludalfs
*Bonnie	Coarse-silty, mixed, active, acid, mesic Typic Fluvaquents
Camden	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Caneyville	Fine, mixed, active, mesic Typic Hapludalfs
Cincinnati	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Crider	Fine-silty, mixed, active, mesic Typic Paleudalfs
Cuba	Fine-silty, mixed, active, mesic Fluventic Dystrudepts
Ebal	Fine, mixed, active, mesic Oxyaquic Hapludalfs
Fairpoint	Loamy-skeletal, mixed, active, nonacid, mesic Typic Udorthents
Gatchel	Loamy-skeletal, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Haggatt	Fine, mixed, active, mesic Typic Hapludalfs
Haymond	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Hosmer	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Johnsburg	Fine-silty, mixed, active, mesic Aquic Fragiudults
Markland	Fine, mixed, active, mesic Typic Hapludalfs
Martinsville	Fine-loamy, mixed, active, mesic Typic Hapludalfs
*McAdoo	Fine-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
McGary	Fine, mixed, active, mesic Aeric Epiaqualfs
Moundhaven	Sandy, mixed, mesic Typic Udifluvents
*Negley	Coarse-loamy, mixed, active, mesic Typic Paleudults
Newark	Fine-silty, mixed, active, nonacid, mesic Fluvaquentic Endoaquepts
Orthents	Orthents
Orthents, earthen dam	Orthents
Parke	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Pekin	Fine-silty, mixed, active, mesic Aquic Fragiudults
Piankeshaw	Fine-loamy, mixed, active, mesic Dystric Fluventic Eutrudepts
*Pike	Fine-silty, mixed, active, mesic Typic Hapludults
Shircliff	Fine, mixed, active, mesic Oxyaquic Hapludalfs
Steff	Fine-silty, mixed, active, mesic Fluvaquentic Dystrudepts
Tipsaw	Coarse-loamy, mixed, semiactive, mesic Typic Dystrudepts
Udorthents	Udorthents
Udorthents, loamy	Udorthents
Udorthents, rubbish	Udorthents
Wakeland	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Wellston	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Wilbur	Coarse-silty, mixed, superactive, mesic Fluvaquentic Eutrudepts

Soil name	Family or higher taxonomic class
Wirt	Coarse-loamy, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Zanesville, soft bedrock substratum-	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Zipp	Fine, mixed, active, nonacid, mesic Typic Endoaquepts

Approval Signatures

_____ _____
TRAVIS NEELY Date
State Soil Scientist/MLRA Leader
Indianapolis, Indiana

_____ _____
WILLIAM H. CRADDOCK Date
State Soil Scientist/MLRA Leader
Lexington, Kentucky

_____ _____
JANE E. HARDISTY Date
State Conservationist
Indianapolis, Indiana