

**UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
MLRA REGION 11  
Indianapolis, Indiana 46278**

**SECOND AMENDMENT  
TO THE  
AUGUST 1969 CLASSIFICATION AND CORRELATION  
OF THE SOILS OF  
DAVIESS COUNTY, INDIANA**

**SEPTEMBER 2006**

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

**AMENDMENT NO. 2**

**Pages 1 to 8 – Changes:**

Change the following map unit names-

<u>Map Symbol</u>	<u>Approved name (1969)</u>	<u>Approved Name - Amended (2006)</u>
Ar	Armiesburg silty clay loam	Armiesburg silty clay loam, occasionally flooded
Bo	Bonnie silt loam	Bonnie silt loam, frequently flooded
Cu	Cuba silt loam	Cuba silt loam, frequently flooded
Hd	Haymond silt loam	Haymond silt loam, frequently flooded
Kn	Kings silty clay	Kings silty clay, rarely flooded
No	Nolin silty clay loam	Nolin silty clay loam, frequently flooded
Po	Petrolia silty clay loam	Petrolia silty clay loam, frequently flooded
Ro	Ross loam	Ross loam, frequently flooded
Sr	Stendal silt loam	Stendal silt loam, frequently flooded
Wa	Wakeland silt loam	Wakeland silt loam, frequently flooded
Zp	Zipp silty clay loam	Zipp silty clay loam, rarely flooded
Zs	Zipp silty clay loam, overwash	Zipp silty clay loam, overwash, rarely flooded

**Page 6 – Change:**

Change the following map unit symbol and name-

	<u>Map Symbol</u>	<u>Approved Map Unit Name</u>
From:	St	Strip mines
To:	FbG	Fairpoint very parachannery silt loam, 35 to 90 percent slopes

**Pages 3, 5 and 6 – Additions:**

Add the following map unit symbols and names-

- Map Unit Symbol and Name: Du - Dumps, mine
- Map Unit Symbol and Name: FaB – Fairpoint silt loam, reclaimed, 2 to 8 percent slopes
- Map Unit Symbol and Name: Omz – Orthents, earthen dam
- Map Unit Symbol and Name: Pg - Pits, gravel
- Map Unit Symbol and Name: W - Water

The map unit symbol and name "W - Water" will be used for water areas more than 1.43 acres in size.

**Replace the Conventional Signs Legend** from the 1974 Published Soil Survey, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

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

<u>Feature</u>	<u>Name</u>	<u>Description</u>
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.
ESO	Escarpment, nonbedrock	A relatively continuous and steep slope or cliff, which generally is produced by erosion but can be produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
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.
LVS	Levee	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands. Levees built according to COE standards.
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 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:

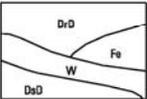
<u>Label</u>	<u>Symbol ID</u>	<u>Name</u>	<u>Description</u>
CAF	8	Cut and fill	An area where soil material has been excavated in one place and deposited as compacted fill in an adjacent place, as in the construction of a road or other structure. Typically 0.2 to 5 acres.
UWT	44	Unclassified water	Small, 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.

# FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

Soil Survey Area: DAVRESS COUNTY

State: Indiana

Date: JULY 2006

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
<b>SOIL SURVEY FEATURES</b>		<b>CULTURAL FEATURES (Optional)</b>		<b>HYDROGRAPHIC FEATURES (Optional)</b>	
SOIL DELINEATIONS AND LABELS		<b>BOUNDARIES</b>		Drainage end (Indicates direction of flow)	
STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES		National, state or province		Unclassified stream	
<b>Bedrock escarpment</b>		County or parish			
<b>Nonbedrock escarpment</b>		Minor civil division			
<b>Gully</b>		Reservation (Military)			
<b>Levee</b>		Land grant (Optional)			
<b>Short steep slope</b>		Field sheet matchline and neatline			
Blowout		Public Land Survey System Section Corner Tics			
Borrow pit		<b>GEOGRAPHIC COORDINATE TICK</b>			
Clay spot		<b>ROAD EMBLEMS</b>			
Closed depression		Interstate			
Gravel pit		Federal			
Gravelly spot		State			
Landfill		<b>LOCATED OBJECTS</b>			
Marsh or swamp		Airport (Label only)		Davis Airport or Airstrip	
Mine or quarry					
<b>Rock outcrop</b>					
<b>Sandy spot</b>					
<b>Severely eroded spot</b>					
Sinkhole					
Slide or slip					
Spoil area					
Stony spot					
Very stony spot					
<b>Well spot</b>					
<b>AD HOC FEATURES (Describe on back)</b>					
LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
DCS	1		CRO	23	
DKS	2		WIA	24	
OYW	3		CGM	25	
YMS	4		HEL	26	
EAS	5			27	
WAS	6		SID	28	
SAS	7			29	
<b>GAP</b>	8		MUC	30	
CAL	9			31	
SLR	10			32	
DUM	11			33	
BRV	12			34	
BRW	13		MRL	35	
BRD	14			36	
OSR	15			37	
SSR	16		SAM	38	
LSR	17			39	
WDP	18		VSE	40	
SSR	19			41	
COB	20			42	
CNS	21			43	
FES	22		<b>UNI</b>	44	

**Pages 9 & 10--** Replace the Classification of the Soils table with the following, amended per Soil Taxonomy 9<sup>th</sup> edition: Daviess County, Indiana Classification of the Soils  
(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Alford-----	Fine-silty, mixed, superactive, mesic Ultic Hapludalfs
Armiesburg-----	Fine-silty, mixed, superactive, mesic Fluventic Hapludolls
Ayrshire-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Bartle-----	Fine-silty, mixed, active, mesic Aeric Fragiaqualfs
Berks-----	Loamy-skeletal, mixed, active, mesic Typic Dystrudepts
Bloomfield-----	Sandy, mixed, mesic Lamellic Hapludalfs
Bonnie-----	Fine-silty, mixed, active, acid, mesic Typic Fluvaquents
Cincinnati-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
*Cincinnati-----	Fine-silty, mixed, active, mesic Fragic Oxyaquic Hapludalfs
Cuba-----	Fine-silty, mixed, active, mesic Fluventic Dystrudepts
Elston-----	Coarse-loamy, mixed, active, mesic Typic Argiudolls
*Fairpoint-----	Fine-loamy, mixed, active, nonacid, mesic Alfic Udarents
*Fairpoint-----	Fine-loamy, mixed, active, nonacid, mesic Typic Udorthents
Gilpin-----	Fine-loamy, mixed, active, mesic Typic Hapludults
Haymond-----	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Hickory-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Hosmer-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Iona-----	Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs
Iva-----	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Kings-----	Fine, smectitic, mesic Vertic Endoaquolls
Lyles-----	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
*Lyles-----	Fine-loamy, mixed, superactive, mesic Typic Endoaquolls
Markland-----	Fine, mixed, active, mesic Typic Hapludalfs
*Markland-----	Fine, mixed, active, mesic Oxyaquic Hapludalfs
McGary-----	Fine, mixed, active, mesic Aeric Epiaqualfs
Montgomery-----	Fine, mixed, active, mesic Vertic Endoaquolls
*Negley-----	Fine-loamy, mixed, semiactive, mesic Typic Hapludults
Nolin-----	Fine-silty, mixed, active, mesic Dystric Fluventic Eutrudepts
Orthents-----	Orthents
Parke-----	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Peoga-----	Fine-silty, mixed, superactive, mesic Fragic Epiaqualfs
Petrolia-----	Fine-silty, mixed, superactive, nonacid, mesic Fluvaquentic Endoaquepts
Princeton-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Ragsdale-----	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
*Reesville-----	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Ross-----	Fine-loamy, mixed, superactive, mesic Cumulic Hapludolls
Stendal-----	Fine-silty, mixed, active, acid, mesic Fluventic Endoaquepts
Vigo-----	Fine-silty, mixed, superactive, mesic Aeric Glossaqualfs
Vincennes-----	Fine-loamy, mixed, active, nonacid, mesic Typic Endoaquepts
Wakeland-----	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Wellston-----	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Zanesville-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Zipp-----	Fine, mixed, active, nonacid, mesic Typic Endoaquepts

Daviess County, Indiana Classification of the Soils - continued

- \*Cincinnati taxadjunct is for map units CcD2 and CcD3
- \*Fairpoint taxadjunct (Typic Udorthents) is for map unit FaB
- \*Fairpoint taxadjunct (Alfic Udarents) is for map unit FbG
- \*Lyles taxadjunct is for map unit Ly
- \*Markland taxadjunct is for map unit MaB2

**Approval Signatures**

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