

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

FIRST AMENDMENT
TO THE
APRIL 1965 CLASSIFICATION AND CORRELATION
OF THE SOILS OF
PARKE COUNTY, INDIANA

DECEMBER 2006

This amendment results from digitizing the Parke County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 10th Edition, 2006.

AMENDMENT NO. 1

Pages 7 and 12, Soil Correlation – Add the following map units:

Field symbols	Field map unit name	Publication symbol	Approved map unit name
Omz	Orthents, earthen dam	Omz	Orthents, earthen dam
W	Water	W	Water
Water	Water	W	Water

The "Omz – Orthents, earthen dam" map unit is added for earthen dams more than 1.43 acres in size. These areas were labeled as large dams in the published soil survey.

Replace the “Conventional Signs” legend in the 1967 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:

Feature	Name	Description
ESB	Escarpment, bedrock	A relatively continuous and steep slope or cliff, which generally is 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.
GPI	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2 acres.

<u>Feature</u>	<u>Name</u>	<u>Description</u>
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.
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. Not used in map units where the named components are poorly or very poorly drained. Typically 0.2 to 2 acres.
MPI	Mine or quarry	An open excavation from which soil and underlying material is removed and bedrock is exposed. 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 units are shallow over bedrock or where "Rock outcrop" is a named component of the 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:

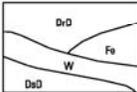
<u>Label</u>	<u>Symbol ID</u>	<u>Name</u>	<u>Description</u>
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

Soil Survey Area: PARKE COUNTY

State: Indiana

Date: OCTOBER 2006

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
SOIL SURVEY FEATURES		CULTURAL FEATURES (Optional)		HYDROGRAPHIC FEATURES (Optional)	
SOIL DELINEATIONS AND LABELS		BOUNDARIES		Drainage end (indicates direction of flow)	
STANDARD LANDFORM AND MORPHOLOGICAL SURFACE FEATURES		National, state or province		Unclassified stream	
Bedrock escarpment		County or parish			
Nonbedrock escarpment		Minor civil division			
Gully		Reservation (Military)			
Level		Land grant (Optional)			
Short steep slope		Field sheet matchline and neatline			
Blowout		Public Land Survey System Section Corner Tics			
Borrow pit		GEOGRAPHIC COORDINATE TICK			
Clay spot		ROAD EMBLEMS			
Closed depression		Interstate			
Gravel pit		Federal			
Gravelly spot		State			
Landfill		LOCATED OBJECTS			
Marsh or swamp		Airport (Label only)			
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		GRD	23	
DKS	2		WTA	24	
QVW	3		CGW	25	
VWS	4		HLL	26	
EAS	5		STD	27	
MAS	6		SID	28	
SAS	7		WUC	29	
CAF	8		WUC	30	
CAL	9		WUC	31	
SLR	10		WUC	32	
QVW	11		WUC	33	
SRV	12		WUC	34	
SRW	13		MRL	35	
BRD	14		WUC	36	
ODR	15		WUC	37	
SSR	16		SAH	38	
LBR	17		WUC	39	
WDP	18		VSE	40	
SBR	19		WUC	41	
COB	20		WUC	42	
CNS	21		WUC	43	
FES	22		WUC	44	

Replace the Classification of the Soils, Table 12 in the 1967 published soil survey, with the following table amended per Soil Taxonomy 10th edition:
 Parke 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
Alford-----	Fine-silty, mixed, superactive, mesic Ultic Hapludalfs
Allison-----	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls
Armiesburg-----	Fine-silty, mixed, superactive, mesic Fluventic Hapludolls
Ayrshire-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Bonpas-----	Fine, mixed, superactive, mesic Typic Endoaquolls
Camden-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Chelsea-----	Mixed, mesic Lamellic Udipsamments
Cincinnati-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
*Cincinnati-----	Fine-silty, mixed, active, mesic, Oxyaquic Fragiudalfs
Eel-----	Fine-loamy, mixed, superactive, mesic Fluvaquentic Eutrudepts
Elston-----	Coarse-loamy, mixed, active, mesic Typic Argiudolls
Fincastle-----	Fine-silty, mixed, superactive, mesic Aeric Epiaqualfs
Fox-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
Genesee-----	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Hennepin-----	Fine-loamy, mixed, active, mesic Typic Eutrudepts
Hickory-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Huntsville-----	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls
Iva-----	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Linwood-----	Loamy, mixed, euic, mesic Terric Haplosaprists
Negley-----	Fine-loamy, mixed, active, mesic Typic Paleudalfs
Ockley-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Orthents-----	Orthents
Parke-----	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Princeton-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Ragsdale-----	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
Reesville-----	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
*Rodman-----	Sandy-skeletal, mixed, mesic Typic Eutrudepts
Russell-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Shoals-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Endoaquepts
Sleeth-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Warsaw-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Argiudolls
*Warsaw-----	Fine-loamy, mixed, superactive, mesic Typic Argiudolls
Westland-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
*Whitson-----	Fine, mixed, active, mesic Typic Endoaqualfs
Zipp-----	Fine, mixed, active, nonacid, mesic Typic Endoaquepts

* Cincinnati taxadjunct is for map unit CnD3

* Warsaw taxadjunct is for map units WbA and WcA

Approval Signatures and Date

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