

UNITED STATES DEPARTMENT OF AGRICULTURE
 NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
 Indianapolis, Indiana 46278

SECOND AMENDMENT to the
 OCTOBER 1978 CLASSIFICATION AND CORRELATION
 of the SOILS of PORTER COUNTY, INDIANA

FEBRUARY 2005

This amendment results from recertifying the SSURGO data of the Porter County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 2

Pages 9 and 10 Replace the 37A dated June 28, 2001, 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
BLO	Blowout	A small saucer, cup, or through-shaped hollow or depression formed by wind erosion, on a pre-existing sand deposit. Typically 0.2 to 2 acres.
DEP	Depression, closed	A shallow, saucer-shaped area that is slightly lower on the landscape than the surrounding area and is without a natural outlet for surface drainage. 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 with component phases that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
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.
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. Marsh areas are dominantly vegetated by sedges, cattails, and rushes. Swamps are dominantly vegetated by trees or shrubs. 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.
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.

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

Label	Symbol	ID	Name	Description
MRL	35		Marl spot	An area where the mineral or muck surface has been eroded or removed, exposing marl at the surface. Typically 0.2 to 2 acres.
MUC	30		Muck spot	An area within a poorly drained or very poorly drained soil that has a histic epipedon or where the surface is organic. The spot symbol is used only in map units consisting of mineral soil. Typically 0.2 to 2 acres.
SAM	38		Small dam	Small, earthen dam. Typically 0.2 to 2 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.

Page 15 Replace the Classification of the Soils table with the following:

Porter 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
Adrian-----	Sandy or sandy-skeletal, mixed, euc, mesic Terric Haplosaprists
Alida-----	Fine-loamy, mixed, active, mesic Aquollic Hapludalfs

Blount-----	Fine, illitic, mesic Aeric Epiqualfs
Bourbon-----	Coarse-loamy, mixed, active, mesic Aquultic Hapludalfs
Brems-----	Mixed, mesic Aquic Udipsamments
Chelsea-----	Mixed, mesic Lamellic Udipsamments
Del Rey-----	Fine, illitic, mesic Aeric Epiqualfs
Door-----	Fine-loamy, mixed, active, mesic Ultic Hapludalfs
Edwards-----	Marly, euc, mesic Limnic Haplosaprist
Elliott-----	Fine, illitic, mesic Aquic Argiudolls
Elston-----	Coarse-loamy, mixed, active, mesic Typic Argiudolls
Fluvaquents-----	Loamy, mixed, mesic Fluvaquents 1/
Gilford-----	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Hanna-----	Coarse-loamy, mixed, active, mesic Aquultic Hapludalfs
Haskins-----	Fine-loamy, mixed, active, mesic Aeric Epiqualfs
Houghton-----	Euc, mesic Typic Haplosaprist
Lydick-----	Fine-loamy, mixed, active, mesic Mollic Hapludalfs
Markham-----	Fine, illitic, mesic Mollic Oxyaquic Hapludalfs
Martinsville-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Maumee-----	Sandy, mixed, mesic Typic Endoaquolls
Metee-----	Loamy, mixed, active, mesic Arenic Hapludalfs
Milford-----	Fine, mixed, superactive, mesic Typic Endoaquolls
Morley-----	Fine, illitic, mesic Oxyaquic Hapludalfs
Morocco-----	Mixed, mesic Aquic Udipsamments
Newton-----	Sandy, mixed, mesic Typic Humaquepts
Oakville-----	Mixed, mesic Typic Udipsamments
Palms-----	Loamy, mixed, euc, mesic Terric Haplosaprist
Pewamo-----	Fine, mixed, active, mesic Typic Argiaquolls
Pinhook-----	Coarse-loamy, mixed, superactive, mesic Mollic Endoaqualfs
Plainfield-----	Mixed, mesic Typic Udipsamments
Psamments-----	Psamments 2/
Rawson-----	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
Riddles-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Sebewa-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Argiaquolls
Selfridge-----	Loamy, mixed, active, mesic Aquic Arenic Hapludalfs
Suman-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Fluvaquentic Endoaquolls
Tracy-----	Coarse-loamy, mixed, active, mesic Ultic Hapludalfs
Tyner-----	Mixed, mesic Typic Udipsamments
Udorthents-----	Loamy, mixed, mesic Udorthents 3/
Udorthents-----	Udorthents 4/

Porter County, Indiana Classification of the Soils - continued

Soil name	Family or higher taxonomic class
Wallkill-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluvaquentic Humaquepts
Warners-----	Fine-silty, carbonatic, mesic Fluvaquentic Endoaquolls
Washtenaw-----	Fine-loamy, mixed, active, nonacid, mesic Aeric Fluvaquents
Whitaker-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs

- 1/ Fh Fluvaquents
- 2/ UpB Urban land-Psamments complex, 0 to 6 percent slopes
- 3/ UcG Udorthents, loamy, 3 to 30 percent slopes
- 4/ UbA Udorthents, 0 to 3 percent slopes

Approval Signatures

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Date

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Date