

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

THIRD AMENDMENT
TO THE
1969 OFFICIAL PUBLISHED SOIL SURVEY
MANUSCRIPT OF THE SOILS OF
ALLEN COUNTY, INDIANA

SEPTEMBER 2004

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

AMENDMENT NO. 3

Addition

-Map Unit Symbol and Name: Pps – Pits, Quarries, Limestone

Add the map unit symbol name "Pps – Pits, Quarries, Limestone " for limestone quarries more than 1.43 acres in size.

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:

<u>Feature</u>	<u>Name</u>	<u>Description</u>
ESO	Escarpment, non-bedrock	A relatively continuous and steep slope or cliff that generally is produced by erosion but can be produced by faulting, which 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.
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.

<u>Feature</u>	<u>Name</u>	<u>Description</u>
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.
STN	Stony Spot	A spot where 0.01 to 0.1 percent of the surface is covered with rock fragments that are greater than 10 inches in diameter in areas where the surrounding soil has no surface stones. Typically 0.2 to 2 acres.
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>
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 71 – Replace the Classification of the Soils table with the following:

Allen County, Indiana

Table Q1.--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, euic, mesic Terric Haplosaprists
Belmore-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Berrien-----	Mixed, mesic Aquic Udipsamments
Blount-----	Fine, illitic, mesic Aeric Epiaqualfs
Bono-----	Fine, illitic, mesic Typic Endoaquolls
Brookston-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Chelsea-----	Mixed, mesic Lamellic Udipsamments
Crosby-----	Fine, mixed, active, mesic Aeric Epiaqualfs
Del Rey-----	Fine, illitic, mesic Aeric Epiaqualfs
Eel-----	Fine-loamy, mixed, superactive, mesic Fluvaquentic Eutrudepts
Fox-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
Genesee-----	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Genesee Variant-----	Coarse-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Gilford-----	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Haskins-----	Fine-loamy, mixed, active, mesic Aeric Epiaqualfs
Houghton-----	Euic, mesic Typic Haplosaprists
Hoytville-----	Fine, illitic, mesic Mollic Epiaqualfs
*Lenawee-----	Fine, mixed, superactive, nonacid, mesic Mollic Epiaquepts
Martinsville-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Mermill-----	Fine-loamy, mixed, active, mesic Mollic Epiaqualfs
Miami-----	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
Montgomery-----	Fine, mixed, active, mesic Vertic Endoaquolls
Morley-----	Fine, illitic, mesic Oxyaquic Hapludalfs
*Morley-----	Fine, illitic, mesic Typic Hapludalfs
Nappanee-----	Fine, illitic, mesic Aeric Epiaqualfs
Oshtemo-----	Coarse-loamy, mixed, active, mesic Typic Hapludalfs
Palms-----	Loamy, mixed, euic, mesic Terric Haplosaprists
Pewamo-----	Fine, mixed, active, mesic Typic Argiaquolls
Plainfield-----	Mixed, mesic Typic Udipsamments
Rawson-----	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
Rensselaer-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Shoals-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Endoaquepts
St. Clair-----	Fine, illitic, mesic Oxyaquic Hapludalfs
Udorthents, loamy-----	Udorthents
Wallkill-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluvaquentic Humaquepts
Washtenaw-----	Fine-loamy, mixed, active, nonacid, mesic Aeric Fluvaquents
Westland-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Whitaker-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Willette-----	Clayey, illitic, euic, mesic Terric Haplosaprists

The *Morley taxadjunct is for map units MrE2 and MsE3 only.

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Approval Signatures

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Date

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