

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT
TO THE
1968 OFFICIAL PUBLISHED SOIL SURVEY
MANUSCRIPT OF THE SOILS OF
ALLEN COUNTY, INDIANA

FEBRUARY 2002

This amendment is to the published manuscript of Allen County, which is the last official record of the correlation activities in Allen County. There are no file records of "Correlation of Soils of Allen County", which was prepared by Purdue University in the early 1960's, all efforts to locate this document have failed.

This amendment results from digitizing the Allen County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 7th Edition, 1996 and 8th Edition, 1998.

AMENDMENT NO. 1

Page 71 – Replace table 8 – Soil series in Allen County classified into higher categories with the Classification of the Soils table with the table on page 2 of this document.

The following series have been updated to the 7th edition of the Keys to Soil Taxonomy. These series require fieldwork and review before updating to the 8th edition of the Keys to Soil Taxonomy.

Genesee variant----Coarse-loamy, mixed (calcareous), mesic Typic Udifluvents
Lenawee-----Fine, mixed, nonacid, mesic Mollic Epiaquepts
Walkkill, upland---Fine-loamy, mixed, nonacid, mesic Thapto-Histic Fluvaquents

Addition

Map Unit Symbol and Name: W – Water

Add the map unit symbol name "W - Water" for water areas more than 1.45 acres in size.

Map Unit Symbol and Name: Pmg – Pits, Gravel

Add the map unit symbol name "Pmg – Pits, Gravel" for gravel pit areas more than 1.45 acres in size.

Append the 37A and definitions in the Allen County Soil Survey publication with the 37A and definitions on pages 3 and 4 of this document.

Allen County, Indiana
Table Q1.--Classification of the Soils

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
Digby-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
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 Fluvaquentic Eutrudepts
Genesee variant-----	Coarse-loamy, mixed (calcareous), mesic Typic Udifluvents
Gilford-----	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Glynnwood-----	Fine, illitic, mesic Aquic Hapludalfs
Haney-----	Fine-loamy, mixed, active, mesic Aquic Hapludalfs
Haskins-----	Fine-loamy, mixed, active, mesic Aeric Epiaqualfs
Houghton-----	Euic, mesic Typic Haplosaprists
Hoytville-----	Fine, illitic, mesic Mollic Epiaqualfs
Lenawee-----	Fine, mixed, 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
Milford-----	Fine, mixed, superactive, mesic Typic Endoaquolls
Millgrove-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Montgomery-----	Fine, mixed, active, mesic Vertic Endoaquolls
Morley-----	Fine, illitic, mesic Oxyaquic Hapludalfs
Muskego-----	Coprogeous, euic, mesic Limnic Haplosaprists
Nappanee-----	Fine, illitic, mesic Aeric Epiaqualfs
Oshemo-----	Coarse-loamy, mixed, active, mesic Typic Hapludalfs
Palms-----	Loamy, mixed, euic, mesic Terric Haplosaprists
Pella-----	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
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 Aeric Fluvaquents
St. Clair-----	Fine, illitic, mesic Oxyaquic Hapludalfs
Udorthents, loamy-----	Fine-loamy, mixed, semiactive, nonacid, mesic Typic Udorthents
Wallkill, upland-----	Fine-loamy, mixed, nonacid, mesic Thapto-Histic Fluvaquents
Washtenaw-----	Fine-loamy, mixed, active, nonacid, mesic Aeric Fluvaquents
Wawaka-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Westland-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Whitaker-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Willette-----	Clayey, illitic, euic, mesic Terric Haplosaprists
Williamstown-----	Fine-loamy, mixed, active, mesic Aquic Hapludalfs

LABEL	NAME	DESCRIPTION
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 2.0 acres.
ESO	Escarpment, nonbedrock	A relatively continuous and steep slope or cliff generally produced by erosion, but can be produced by faulting breaking the continuity of more gently sloping land surfaces. Exposed nonbedrock material is nonsoil or very shallow, poorly developed soil. Typically 0.2 to 2.0 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 2.0 acres.
GUL	Gully	A small channel with steep sides cut by running water and 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. Not used in map units where poorly drained or very poorly drained soils are the named components. Typically 0.2 to 2.0 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 of the surrounding map unit is very fine sandy loam or finer. Typically 0.2 to 2.0 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 2.0 acres.
STV	Very stony spot	A spot where 0.1 to 3 percent of the surface is covered with rock fragments that are greater than 10 inches in diameter in areas where less than 0.01 percent of the surface of the surrounding soil is covered with stones. Typically 0.2 to 2.0 acres.
UWT	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water most of the year. Typically 0.2 to 2.0 acres.

Approval Signatures

TRAVIS NEELY
State Soil Scientist/MLRA Leader

JANE HARDISTY
State Conservationist