United States
Department of
Agriculture

Natural
Resources
Conservation
Service

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DATE: April 8, 2002

SUBJECT: SOI – Soil Correlation, First Amendment to the Classification and Correlation Memorandum Of Fulton County, Indiana

FILE: 430-15-5-2

TO: Travis Neely
State Soil Scientist/MLRA R-11 Team Leader
USDA-NRCS
Indianapolis, IN

Enclosed are four copies of the First Amendment to the Classification and Correlation of the Soils of Fulton County, Indiana.

This amendment results from digitizing the Fulton County Soil Survey and updating the NASIS database. **Please add to amended pages to your copy of the Correlation Memorandum, approved May 1984.**

ACTING FOR

JANE E. HARDISTY
State Conservationist

Enclosures

w/enclosure
Cc: Tommie L. Parham, Director, Nat'l Cartography & GIS Center, NRCS, Ft Worth, TX
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UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT TO THE 1984 CLASSIFICATION AND CORRELATION OF THE SOILS OF FULTON COUNTY, INDIANA

April 2002

This amendment results from digitizing the Fulton County Soil Survey, the update of the Correlation Memorandum to agree with the revisions of the NASIS database. Please review and file this amendment.

AMENDMENT NO. 1

Additions

Map Unit Symbol and Name: **W** - Water

Add the map unit symbol name "W - Water" for water acres more than 1.43 acres in size.

Pages 14 and 15 – Replace the Classification of the Soils table with the table on page 2.

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.

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Branch----------------Loamy, mixed, mesic Aquic Arenic Hapludalfs
Markton---------------Loamy, mixed, mesic Aquic Arenic Hapludalfs
Wawasee---------------Fine-loamy, mixed, mesic Typic Hapludalfs
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Pages 14 and 15 -- Fulton County, Indiana soil classification table amended per Soil Taxonomy 7th and 8th edition.

Fulton County, Indiana Print date: 04/05/2002
Table Q1.--Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Adrian	Sandy or sandy-skeletal, mixed, euic, mesic Terric Haplosaprists
Algansee	Mixed, mesic Aquic Udipsamments
Barry	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Blount	Fine, illitic, mesic Aeric Epiaqualfs
Brady	Coarse-loamy, mixed, active, mesic Aquollic Hapludalfs
Branch	Loamy, mixed, mesic Aquic Arenic Hapludalfs
Brems	Mixed, mesic Aquic Udipsamments
Chelsea	Mixed, mesic Lamellic Udipsamments
Cohoctah	Coarse-loamy, mixed, active, mesic Fluvaquentic Endoaquolls
Crosier	Fine-loamy, mixed, active, mesic Aeric Epiaqualfs
Edwards	Marly, euic, mesic Limnic Haplosaprists
Gilford	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Homer	Fine-loamy over sandy or sandy-skeletal, mixed, active, mesic Aeric Endoaqualfs
Houghton	Euic, mesic Typic Haplosaprists
Kosciusko	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Markton	Loamy, mixed, mesic Aquic Arenic Hapludalfs
Metea	Loamy, mixed, active, mesic Arenic Hapludalfs
Morley	Fine, illitic, mesic Oxyaquic Hapludalfs
Morocco	Mixed, mesic Aquic Udipsamments
Muskego	Coprogenous, euic, mesic Limnic Haplosaprists
Newton	Sandy, mixed, mesic Typic Humaquepts
Ormas	Loamy, mixed, active, mesic Arenic Hapludalfs
Pewamo	Fine, mixed, active, mesic Typic Argiaquolls
Plainfield	Mixed, mesic Typic Udipsamments
Riddles	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Sebewa	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Argiaquolls
*Wallkill	Fine-loamy, mixed, superactive, nonacid, mesic Fluvaquentic Humaquepts
*Washtenaw	Fine-loamy, mixed, active, nonacid, mesic Aeric Fluvaquents
Wawasee	Fine-loamy, mixed, mesic Typic Hapludalfs

NRCS SOILS 37A
Indiana Official 37A For
Compilation, Digitizing and DMF
June 28, 2001

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

CULTURAL FEATURES

BOUNDARIES

- National, state, or province
- County or parish
- Minor civil division
- Reservation (Military)
- Land grant (Optional)

OTHER BOUNDARY (label)
- Airport (Label only) — Davis Airport or Airstrip

LAND DIVISION CORNERS (section and land grants)

GEOGRAPHIC COORDINATE TICK

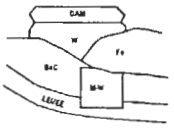
ROAD EMBLEMS & DESIGNATIONS
- Interstate
- Federal
- State

HYDROGRAPHIC FEATURES

STREAMS
- ‡ Double line
- Unclassified (single line)
- Drainage end

SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO

SOIL DELINEATIONS AND SYMBOLS



LANDFORM FEATURES
- ESCARPMENTS
  - Bedrock
  - Other than bedrock
- SHORT STEEP SLOPE
- GULLY
- LEVEES
- ‡ Single side slope (showing actual feature location)
- DEPRESSION, closed
- SINKHOLE
- EXCAVATIONS
  - PITS
    - Borrow pit
    - Gravel pit
    - Mine or quarry
- MISCELLANEOUS SURFACE FEATURES
  - Blowout
  - Clay spot
  - Gravelly spot
  - Marsh or swamp
  - Rock outcrop (includes sandstone and shale)
  - Sandy spot
  - Severely eroded spot
  - Slide or slip
  - Spoil area
  - Stony spot
  - Very stony spot
  - Wet spot

SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO

RECOMMENDED AD HOC SOIL SYMBOLS

SYMBOL	ID	SYMBOL	ID
DCS	1	CRO	23
DKS	2	MIA	24
OVW	3	CGM	25
VMS	4		26
EAS	5		27
MAS	6		28
SAS	7		29
CAF	8	MUC	30
CAL	9		31
SLR	10		32
DUM	11		33
BRV	12		34
BRM	13	MRL	35
BRD	14		36
OBR	15		37
SSR	16		38
LBR	17		39
WDP	18	VSE	40
SBR	19		41
COB	20		42
CNS	21		43
FES	22	UWT	44

‡ Denotes SSURGO features and symbol

LABEL	NAME	DESCRIPTION
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 2.0 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 2.0 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.
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.
MUC	Muck spot	An area with a poorly drained or very poorly drained soil that has a proportional amount of organic carbon between 12 and 18 percent. The spot symbol is used only in a map unit consisting of a mineral soil. Typically 0.5 to 2 acres in size.
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.
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.
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.
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 2.0 acres.

Approval Signatures

Travis Neely 4/18/2002

TRAVIS NEELY
State Soil Scientist/MLRA Leader

Jane E. Hardisty

JANE E.. HARDISTY
State Conservationist