



United States  
Department of  
Agriculture

DATE: October 29, 2001

Natural  
Resources  
Conservation  
Service

SUBJECT: SOI - Soil Correlation, First Amendment to the  
Classification and Correlation Memorandum  
of Miami County, Indiana

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

This amendment results from digitizing the Miami County Soil Survey and conforming to the Keys to Soil Taxonomy 8<sup>th</sup> Edition, 1998. Please add the amended pages to your copy of the Correlation Memorandum, approved September 1977.

JANE E. HARDISTY  
State Conservationist

w/enclosure

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UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

*MLRA REGION 11*  
*Indianapolis, Indiana 46278*

FIRST AMENDMENT  
TO THE  
1987 CLASSIFICATION AND CORRELATION  
OF THE SOILS OF  
MIAMI COUNTY, INDIANA

October 2001

This amendment results from digitizing the Miami County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy 8<sup>th</sup> Edition, 1998.

**AMENDMENT NO. 1**

**37A - Features and Symbols Legend**

<u>Feature</u>	<u>Name</u>	<u>Description</u>
GRA	Gravelly spot	Surface layer has more than 35 percent, by volume, of rock fragments that are mostly less than 3 inches in diameter. Typically 0.2 to 2 acres.
MAR	Marsh or swamp	A water saturated, very poorly drained area, intermittently or permanently water-covered. Marsh areas are dominantly covered by sedges, cattails, and rushes. Swamps are dominantly covered 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 acres.
MPI	Mine or quarry	An open excavation from which soil and underlying material is removed exposing the bedrock. Also used to denote surface openings to underground mines. Typically 0.2 to 2 acres.
WAT	Perennial water	Small natural or manmade lake, pond, or pit that contains water most of the year. 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 unit are shallow over bedrock. Typically 0.2 to 2 acres.
SAN	Sandy spot	Surface layer with sand content greater than 75 percent in areas where the surface layer of the named soils of the surrounding map unit have less than about 25 percent sand. Typically 0.2 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least 2 slope classes steeper than the slope class of the surrounding map unit.
ESB	Escarpment, bedrock	A relatively continuous and steep slope or cliff produced by erosion or faulting breaking the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.

ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost from accelerated erosion. Typically 0.2 to 2 acres.
WET	Wet spot	Somewhat poorly drained to very poorly drained area that is at least 2 drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

**CLASSIFICATION OF THE SOILS**  
**Miami County, Indiana**

(An asterisk in the first column indicates that the soil is 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
Aubbeenaubbee-----	Fine-loamy, mixed, mesic Aeric Epiaqualfs
Blount-----	Fine, illitic, mesic Aeric Epiaqualfs
Brookston-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Chelsea-----	Mixed, mesic Lamellic Udipsamments
Crosier-----	Fine-loamy, mixed, active, mesic Aeric Epiaqualfs
Digby-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Edwards-----	Marly, euic, mesic Limnic Haplosaprists
Fincastle-----	Fine-silty, mixed, superactive, mesic Aeric Epiaqualfs
Fox-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
Gessie-----	Fine-loamy, mixed (calcareous), superactive, mesic Fluventic Eutrudepts
Gilford-----	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Goodell-----	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Haney-----	Fine-loamy, mixed, active, mesic Aquic Hapludalfs
Hennepin-----	Fine-loamy, mixed, active, mesic Typic Eutrudepts
Homer-----	Fine-loamy over sandy or sandy-skeletal, mixed, active, mesic Aeric Endoaqualfs
Houghton-----	Euic, mesic Typic Haplosaprists
Martinsville-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Metea-----	Loamy, mixed, active, mesic Arenic Hapludalfs
Miami-----	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
Milford-----	Fine, mixed, superactive, mesic Typic Endoaquolls
Millsdale-----	Fine, mixed, active, mesic Typic Argiaquolls
Milton-----	Fine, mixed, active, mesic Typic Hapludalfs
Morley-----	Fine, illitic, mesic Oxyaquic Hapludalfs
Muskego-----	Coprogenous, euic, mesic Limnic Haplosaprists
Ockley-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Ormas-----	Loamy, mixed, active, mesic Arenic Hapludalfs
Oshtemo-----	Coarse-loamy, mixed, active, mesic Typic Hapludalfs
Palms-----	Loamy, mixed, euic, mesic Terric Haplosaprists
Patton-----	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Pewamo-----	Fine, mixed, active, mesic Typic Argiaquolls
Rensselaer-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
*Ross-----	Fine-loamy, mixed, superactive, mesic Cumulic Hapludolls
Sebewa-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Argiaquolls
Shoals-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluvaquentic Endoaquepts
Sleeth-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Sloan-----	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Stonelick-----	Coarse-loamy, mixed (calcareous), superactive, mesic Typic Udifluvents
Treaty-----	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
Udorthents, loamy-----	Fine-loamy, mixed, semiactive, nonacid, mesic Typic Udorthents
Washtenaw-----	Fine-loamy, mixed, active, nonacid, mesic Aeric Fluvaquents
Wawaka-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Wawasee-----	Fine-loamy, mixed, mesic Typic Hapludalfs
Whitaker-----	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs

Approval Signatures

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