

United States Department of Agriculture



Resources Conservation Service  
1415 North College Avenue, Suite 200  
Indianapolis, IN 46204

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Subject: SOI -First Amendment to the Classification and Correlation of the  
Soils of White County, Indiana

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FILE CODE: 430-15-

Provide four copies of the First Amendment to the Classification and Correlation Memorandum  
for White County, Indiana.

Include amendment results from archiving the White County Soil Survey on line at the Soils Data Mart  
according to the Keys to Soil Taxonomy, 9<sup>th</sup> Edition, 2003. The data has been archived online at  
the following URL: <http://soildatamart.nrcs.usda.gov/Survey.aspx?County=IN181>.

A handwritten signature in black ink that reads 'E. Hardisty'. The signature is written in a cursive style with a large, looping 'y'.

HARDISTY  
Soil Conservationist  
Indianapolis, IN

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**UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE**

*MLRA REGION 11  
Indianapolis, Indiana 46278*

**FIRST AMENDMENT  
TO THE AUGUST 1979  
CLASSIFICATION AND CORRELATION  
OF THE SOILS OF WHITE  
COUNTY, INDIANA**

JUNE 2005

Amendment results from digitizing the White County Soil Survey, the update of the 1979 survey, and conforming to the Keys to Soil Taxonomy, 9<sup>th</sup> Edition, 2003.

**AMENDMENT NO. 1**

**Soil Correlation** - Change the approved map unit name of the following:

Field map <u>unit name</u>	Publication symbol	Approved map unit name	Gilford Variant fine sandy loam, limestone substratum
Gilford Variant fine sandy Gv loam			
Gilford Variant fine sandy loam	Gv		Gilford-Monon fine sandy loam to 1 percent slopes

**Soil Correlation** - Add the following map unit:

Field map unit name	Field map symbol	Publication symbol	Approved map unit name
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<b>Name</b>	<b>Description</b>
Escarpment, nonbedrock	A relative continuous and steep slope or cliff, which generally produced by erosion but can be produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earth material is nonsoil or very shallow soil.
Gravel pit	An open excavation from which soil and underlying material has been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2 acres.
Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, of rock fragments that are mostly less than 3 inches in diameter and less than 15 percent fragments. Typically 0.2 to 2 acres.
Landfill	An area of accumulated waste products of human habitation that are above or below natural ground level. Typically 0.2 to 2 acres.
Sandy spot	A spot where the surface layer is loamy fine sand or coarser in texture than the surface layer of the named soils in the surrounding map unit. The surface layer is very fine sandy loam or finer. Typically 0.2 to 2 acres.
Short, steep slope	Narrow soil area that has slope that are at least two slope classes steeper than the slope class of the surrounding map unit.
Stony spot	A spot where 0.01 to 0.1 percent of the surface cover is 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.

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

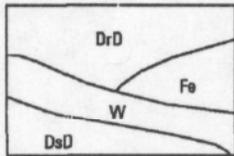
<b><u>Symbol ID</u></b>	<b><u>Name</u></b>	<b><u>Description</u></b>
	Calcareous spot	Small areas where the soil surface layer is calcareous (IN HCL) in areas where the surface layer of the named soils are not calcareous. Typically 0.2 to 2 acres.

# FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
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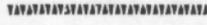
### SOIL SURVEY FEATURES

**LINEATIONS AND LABELS**



**LINEAR LANDFORM AND LINEAR SURFACE FEATURES**

Rock escarpment



Bedrock escarpment



Steep slope



Outlet



Low pit



Spot



Depression



Spot



Spot



Spot



Shrub or swamp



Quarry



Outcrop



Spot



Spot



Spot



Spot



Spot



Spot



Spot



### CULTURAL FEATURES (Optional)

**BOUNDARIES**

National, state or province



County or parish



Minor civil division



Reservation (Military)



Land grant (Optional)



Field sheet matchline and neatline



Public Land Survey System  
 Section Corner Tics



**GEOGRAPHIC COORDINATE TICK**



**ROAD EMBLEMS**

Interstate



Federal



State



**LOCATED OBJECTS**

Airport (Label only)

Davis Airport or Airstrip

FEATURES (Describe on back)

SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
1	X	CRO	23	⊕

**Conversion Legend -- Add the following:**

<u>Symbol</u>	<u>Publication symbol</u>
V	W

**6-17 - Classification of the Soils -** Replace the Classification of the Soils table with the following:

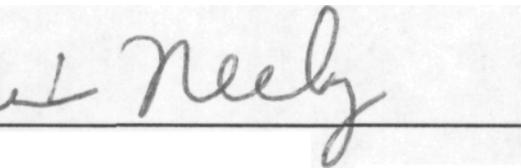
County, Indiana Soil Classification table amended per Soil Taxonomy 9th edition

(A "V" in the first column indicates a taxadjunct to the series. See text for a description of those characters outside the range of the series.)

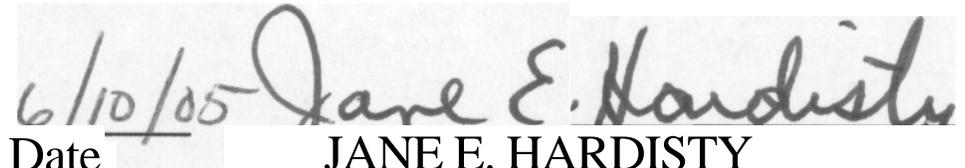
<u>name</u>	<u>Family or higher taxonomic class</u>
.....	[Mixed, mesic Oxyaquic Udipsamments
n.....	[Sandy, mixed, mesic Histic Humaquepts
.....	[Coarse-loamy, mixed, superactive, mesic Typic Hapludalfs
ubbee.....	[Fine-loamy, mixed, active, mesic Aerie Epiaqualfs
.....	[Mixed, mesic Aquic Udipsamments
.....	[Fine-silty, mixed, superactive, mesic Typic Endoaquolls
..... —	[Mixed, mesic Lamellic Udipsamments
.....	[Coarse-loamy, mixed, active, mesic Fluvaquentic Endoaquolls
.....	[Fine-loamy, mixed, active, mesic Udollic Endoaqualfs
.....	[Fine-loamy, mixed, active, rmesic Aerie Epiaqualfs
.....	[Fine-loamy, mixed, superactive, mesic Aquic Argiudolls
.....	[Fine, illitic, mesic Aquic Argiudolls
n.....	[Fine-loamy, mixed, active, mesic Oxyaquic Argiudolls
.....	[Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
lle .....	[Fine-loamy, mixed, active, mesic Typic Hapludalfs
..... -----	[Sandy, mixed, mesic Typic Endoaquolls
.....	[Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
enci .....	[Fine-loamy, mixed, active, mesic Aquollic Hapludalfs
.....	[Mixed, mesic Aquic Udipsamments
n .....	[Fine-silty, mixed, superactive, mesic Aquic Argiudolls
.....	[Coprogenous eucic, mesic Limnic Haplosaprists

**COUNTY, INDIANA  
MENT NO. 1**

**Approval Signatures**



NEELY  
l Scientist/MLRA Leader



Date

JANE E. HARDISTY  
State Conservationist

  
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