

United States Department of Agriculture
Natural Resources Conservation Service
MLRA 13 Office, Morgantown, West Virginia
August 4, 1999

**Second Amendment of the Classification and Correlation
of the Soils of Harrison County, Indiana.**

This second amendment was prepared by Byron G. Nagel, MLRA Project Leader, North Vernon, Indiana.

Page 2, Add the following:

Publication symbol and approved name: BbC2 Baxter silt loam, karst, 6 to 12 percent slopes, eroded

Publication symbol and approved name: BbD2 Baxter silt loam, karst, 12 to 18 percent slopes, eroded

Page 3, Change the following:

Approved name for symbol BeC2: From Baxter cherty silt loam, 6 to 12 percent slopes, eroded to Baxter gravelly silt loam, 6 to 12 percent slopes, eroded

Approved name for symbol BeD2: From Baxter cherty silt loam, 12 to 18 percent slopes, eroded to Baxter gravelly silt loam, 12 to 18 percent slopes, eroded

Page 4, Change the following:

Approved name for symbol BeE2: From Baxter cherty silt loam, 18 to 25 percent slopes, eroded to Baxter gravelly silt loam, 18 to 25 percent slopes, eroded

Approved name for symbol BeF2: From Baxter cherty silt loam, 25 to 35 percent slopes, eroded to Baxter gravelly silt loam, 25 to 35 percent slopes, eroded

Add the following:

Publication symbol and approved name: BfC2 Baxter gravelly silt loam, karst, 6 to 12 percent slopes, eroded

Publication symbol and approved name: BfD2 Baxter gravelly silt loam, karst, 12 to 18 percent slopes, eroded

Page 5, Add the following:

Publication symbol and approved name: BkC3 Baxter silty clay loam, karst, 6 to 12 percent slopes, severely eroded

Change the following:

Approved name for symbol BmC3: From Baxter cherty silty clay loam, 6 to 12 percent slopes, severely eroded to Baxter gravelly silty clay loam, 6 to 12 percent slopes, severely eroded

Approved name for symbol BmD3: From Baxter cherty silty clay loam, 12 to 18 percent slopes, severely eroded to Baxter gravelly silty clay loam, 12 to 18 percent slopes, severely eroded

Page 6, Change the following:

Approved name for symbol BmE3: From Baxter cherty silty clay loam, 18 to 25 percent slopes, severely eroded to Baxter gravelly silty clay loam, 18 to 25 percent slopes, severely eroded

Add the following:

Publication symbol and approved name: BpC3 Baxter gravelly silty clay loam, karst, 6 to 12 percent slopes, severely eroded

Publication symbol and approved name: BpD3 Baxter gravelly silty clay loam, karst, 12 to 18 percent slopes, severely eroded

Publication symbol and approved name: BtD5 Baxter silty clay loam, 6 to 25 percent slopes, gullied

Page 7, Change the following:

Approved name for symbol CoF: From Corydon stony silt loam, 20 to 60 percent slopes to Corydon-Rock outcrop complex, 20 to 60 percent slopes

Page 9, Add the following:

Publication symbol and approved name: CtC2 Crider silt loam, karst, 6 to 12 percent slopes, eroded

Publication symbol and approved name: CtC3 Crider silt loam, karst, 6 to 12 percent slopes, severely eroded

Change the following:

Approved name for symbol CsB3: From Crider soils, 2 to 6 percent slopes, severely eroded to Crider silt loam, 2 to 6 percent slopes, severely eroded

Approved name for symbol CsC3: From Crider soils, 6 to 12 percent slopes, severely eroded to Crider silt loam, 6 to 12 percent slopes, severely eroded

Page 12, Delete the following:

Publication symbol and approved name: Gu Gullied land

Add the following:

Publication symbol and approved name: GuD5 Gilpin silt loam, 6 to 25 percent slopes, gullied

Page 13, Change the following:

Approved name for symbol HaC2: From Hagerstown silt loam, 6 to 12 percent slopes, eroded to Hagerstown silt loam, karst, 6 to 12 percent slopes, eroded

Approved name for symbol HaD2: From Hagerstown silt loam, 12 to 18 percent slopes, eroded to Hagerstown silt loam, karst, 12 to 18 percent slopes, eroded

Page 14, Change the following:

Approved name for symbol HgC3: From Hagerstown silty clay loam, 6 to 12 percent slopes, severely eroded to Hagerstown silty clay loam, karst, 6 to 12 percent slopes, severely eroded

Approved name for symbol HgD3: From Hagerstown silty clay loam, 12 to 18 percent slopes, severely eroded to Hagerstown silty clay loam, karst, 12 to 18 percent slopes, severely eroded

Page 15, Change the following:

Approved name for symbol Hm: From Haymond silt loam to Haymond silt loam, frequently flooded

Approved name for symbol Hu: From Huntington silt loam to Huntington silt loam, frequently flooded

Add the following:

Publication symbol and approved name: Ho Haymond silt loam, sinkhole

Page 18, Change the following:

Approved name for symbol Ne: From Newark silt loam to Newark silt loam, frequently flooded

Add the following:

Publication symbol and approved name: No Newark silt loam, sinkhole

Page 19, Add the following:

Publication symbol and approved name: Pn Pits, sand and gravel (for delineation's identified as Gravel Pit)

Page 20, Change the following:

Approved name for symbol Qu: From Quarries to Pits, quarries

Add the following:

Publication symbol and approved name: Ud Udorthents, cut and filled

Page 21, Add the following:

Publication symbol and approved name: W Water

Pages 24-27, Delete and replace with these instructions for map compilation, and add SOI-37A:

1) Do not compile sinkhole symbols in these map units named as karst and sinkhole phases:

Conversion of
1975 Symbol

in Karst

areas from: To: Map symbol and approved name

BcC2	BbC2 Baxter silt loam, karst, 6 to 12 percent slopes, eroded
BcD2	BbD2 Baxter silt loam, karst, 12 to 18 percent slopes, eroded
BeC2	BfC2 Baxter gravelly silt loam, karst, 6 to 12 percent slopes, eroded
BeD2	BfD2 Baxter gravelly silt loam, karst, 12 to 18 percent slopes, eroded
B1C3	BkC3 Baxter silty clay loam, karst, 6 to 12 percent slopes, severely eroded
BmC3	BpC3 gravelly silty clay loam, karst, 6 to 12 percent slopes, severely eroded
BmD3	BpD3 Baxter gravelly silty clay loam, karst, 12 to 18 percent slopes, severely eroded
CrC2	CtC2 Crider silt loam, karst, 6 to 12 percent slopes, eroded
CsC3	CtC3 Crider silt loam, karst, 6 to 12 percent slopes, severely eroded
HaC2	HaC2 Hagerstown silt loam, karst, 6 to 12 percent slopes, eroded
HaD2	HaD2 Hagerstown silt loam, karst, 12 to 18 percent slopes, eroded
HgC3	HgC3 Hagerstown silty clay loam, karst, 6 to 12 percent slopes, severely eroded

HgD3 HgD3 Hagerstown silty clay loam, karst, 12 to 18 percent slopes,
severely eroded
Hm Ho Haymond silt loam, sinkhole
Ne No Newark silt loam, sinkhole

2) Compile these Hydrographic features:

Perennial water

3) Compile these Special Symbols:

Escarpment, bedrock (exclude in CoF map units)

Escarpment, other (exclude in CoF map units)

Short steep slope

Mine or quarry

Rock outcrop (exclude in CoF map unit, and remove or adjust excess
symbols in other map units)

Sinkhole (exclude in map units noted above, and remove or adjust excess
symbols in other map units)

Wet spot (Only compile in Ba Bartle map units, and remove from other map
units)

4) Deleted are these Cultural, Miscellaneous water features, and Special features that are on the 1975 Soil Survey maps:

Levee

Well, oil or gas

Forest fire or lookout station

Intermittent lakes and ponds

Springs

Large depressions

Lighthouse and Radio tower

Severely eroded spot

Gully (Gully symbols attached as part drainageways will be compiled as drainageways, and gully symbols placed in defined drainageways will be compiled as drainageways)

5) Map unit delineation's of Cut and fill land (C.F.L.) will be compiled as Ud Udorthents, cut and filled. Areas of disturbed soils such as interchanges of I-64, large earthen dams, and other obvious disturbed areas will be delineated, and an Ud map unit symbol used.

6) Notes will be kept of which soil map units (usually less than 1.4 acres) are removed and which soil map units they are included.

7) Two new map units will replace the Gu Gullied map unit in the 1975 Soil Survey. Select the BtD5 map unit symbol for gullied units where the adjoining map units are soils formed in limestone parent materials (Baxter, Bedford, Corydon, Crider, Hagerstown). Select the GuD5 map unit symbol for gullied units where the adjoining map units are soils formed in sandstone, siltstone and shale parent materials (Gilpin, Tilsit, Wellston, Weikert-Berks, Zanesville).

Page 28, Add the following in Notes to Accompany Classification and Correlation:

Correlation notes on map units are as follows:

The Corydon stony silt loam, 20 to 60 percent slopes is changed to Corydon-Rock outcrop complex, 20 to 60 percent slopes due to the numerous and inconsistent use of rock escarpment and rock outcrop special symbols, and the map unit is stated to be characterized by limestone outcrops.

The Crider soils, 2 to 6 percent slopes, severely eroded is changed to Crider silt loam, 2 to 6 percent slopes, severely eroded, and the Crider soils, 6 to 12 percent slopes, severely eroded is changed to Crider silt loam, 6 to 12 percent slopes, severely eroded. These map units were named as undifferentiated groups, but do not meet the current National Soil Survey standards definition of undifferentiated groups. These units are consociations, and are considered to dominantly have a silt loam surface texture.

The Gullied land does not meet the current National Soil Survey standards definition of miscellaneous areas, and is deleted. This unit is separated into either the Baxter silty clay loam, 6 to 25 percent slopes, gullied, or Gilpin silt loam, 6 to 25 percent slopes, gullied. These units dominantly support vegetation (tree, shrub and grass).

Sciotoville Series: At the time the 1970 Correlation Memorandum was prepared the Sciotoville Series was classified as being in the fine-loamy particle-size family, and therefore made a taxadjunct. This series has been re-classified into the fine-silty family, and therefore is not considered a taxadjunct.

Approval Signatures

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