CLASSIFICATION AND CORRELATION

OF

THE SOILS OF

CLARK - FLOYD COUNTIES
INDIANA

APRIL 1968

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SOIL CONSERVATION SERVICE, USDA
MIDWEST REGIONAL TECHNICAL SERVICE CENTER
LINCOLN, NEBRASKA

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UNITED STATES DEPARTMENT OF AGRICULTURE
Soil Conservation Service
Midwest Regional Technical Service Center
Lincoln, Nebraska 68508

Correlation and Classification of the soils of Clark-Floyd Counties, Indiana

February 1968

The final correlation is based on the first draft of the manuscript, correlation samples of some series, and consultation with H. P. Ulrich, Frank W. Sanders, Allan K. Nickell, R. I. Turner, and R. E. Daniell during the week of February 5-9, 1968. Mr. Daniell also spent the week of October 9-13, 1967 on the Final Field Review in Clark County with the Indiana staff.

Symbol	Field Name	Approved Name
572-A-1	Avonburg silt loam	) Avonburg silt loam,
572-A-2		) 0 to 2 percent slopes
572-A-0		)
572v-A-1	Avonburg silt loam, variant	)
572v-A-2		)
592-A-1	Unnamed silt loam	)
682-A-1		)
602-A-1	Whitcomb silt loam	)
602d-A-1		)
602-A-0		)
602-A-3		)
562-A-1	Stoy silt loam	)
572-B-1	Avonburg silt loam	) Avonburg silt loam,
572-B-2		) 2 to 4 percent slopes
602-B-1	Whitcomb silt loam	)
602-B-2		)
572v-B-1	Avonburg silt loam, variant	)
572v-B-2		)
712-A-1	Bartle silt loam	) Bartle silt loam
712-A-0		)
713-A-1	Pekin silt loam	)
713-A-2		)
713-A-0		)
713-A-0		)
692-A-1	Dubois silt loam	)
692-B-1		)
692-B-2		)
692-A-0		)
693-A-1	Haubstadt silt loam	)
693-A-2		)

Symbol	Field Name	Approved Name
653-A-1	Bedford silt loam	) Bedford silt loam,
653-A-2		) 0 to 2 percent slopes
643-A-1	Unnamed silt loam	)
643-A-2		)
654-A-0	Bewleyville silt loam	)
653-B-1	Bedford silt loam	) Bedford silt loam,
653-B-2		) 2 to 6 percent slopes
653-B-3		) (A severe erosion spot symbol,
653-B-0		) one for each 5 acres or each
$653\text{-}B_1\text{-}2$		) delineation whichever is less,
643-B-2	Unnamed silt loam	) will be used in addition to
652-BK-1	Lawrence silt loam	) regular symbol in units of
652-B-2		) 653-B-3.)
652-B-1		)
956-D-1	Berks channery silt loam	) Berks channery silt loam,
956-E-1		) 18 to 35 percent slopes
956-F-1		)
956-D-2		)
956-E-2		)
956-E-3		)
956-F-2		)
956-F-3		)
956-D-3		)
676-F-1	Muskingum silt loam	)
676-F-2		)
676-F-3		)
676-E-1		)
676-E-2		)
676-E-3		)
9676-E-1	Muskingum stony silt loam	)
9676-E-2		)
9676-E-3		)
954-F-1	Gilpin silt loam	)
954-F-2		)
711-A-0	Peoga silt loam	) Bonnie silt loam
711		)
711-A-1		)
711w-A-0		)
91	Bonnie silt loam	)
71	Unnamed silt loam	)
574-B-1	Cincinnati silt loam	) Cincinnati silt loam,
574-B-2		) 2 to 6 percent slopes, eroded
574-B-0		)
574w-B-2	Cincimnati silt loam, variant	)

Symbol	Field Name	Approved Name
574-C-1	Cincinnati silt loam	Cincinnati silt loam, 6 to 12 percent slopes, eroded
574-C-2		
574-C-3		
574-C-4		
573-C-2	Rossmoyne silt loam	
573-C-3		
574v-C-2	Cincinnati silt loam, variant	
573v-C-2	Rossmoyne silt loam, variant	
694-C-1	Otwell silt loam	
694-C-2		
693-C-2	Haubstadt silt loam	
713-C-2	Pekin silt loam	
714-C-2	Elkinsville silt loam	
607-C-2	Unnamed silt loam	
694-C-4	Otwell silt loam	
574-C-3	Cincinnati silt loam	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded
574-C-4		
573-C-3	Rossmoyne silt loam	
574v-C-3	Cincinnati silt loam, variant	
694-C-4	Otwell silt loam	
694-C-3		
713-C-3	Pekin silt loam	
714-C-3	Elkinsville silt loam	
574-D-1	Cincinnati silt loam	Cincinnati silt loam, 12 to 18 percent slopes, eroded
574-D-2		
576-D-2	Hickory silt loam	
694-D-2	Otwell silt loam	
694-D-1		
574-D-3	Cincinnati silt loam	Cincinnati silt loam, 12 to 18 percent slopes, severely eroded
574-D-4		
614-D-3		
576-D-3	Hickory silt loam	
576-D-4		
694-D-4	Otwell silt loam	
694-D-3		
571-A-0	Clermont silt loam	Clermont silt loam
571-A-1		
571		
571v-A-1	Clermont silt loam, variant	
577-A-0	Blanchester silt loam	
577		
601-A-1	Lovett silt loam	
691	Robinson silt loam	

Symbol	Field Name	Approved Name
686-E-1	Colyer silt loam	) Colyer shaly silt loam,
686-E-2		) 18 to 35 percent slopes
686-E-3		)
686-C-3		)
686-F-1		)
686-F-2		)
686-G-1		)
686-G-3		)
686-F-3		)
686-G-2		)
686-G-4		)
686-C-1		)
684-F-1	Trappist silt loam	)
684-F-3		)
604-F-1	Jennings silt loam	)
604-E-1		)
604-E-2		)
604-E-3		)
684-E-1	Trappist silt loam	)
684-E-2		)
684-E-3		)
648-E-3	Unnamed silt loam	)
646-C-1	Corydon silt loam	) Corydon stony silt loam,
646-D-1		) 12 to 25 percent slopes
646-D-2		)
646-D-3		)
646-E-1		)
646-E-2		)
646-E-3		)
746-E-3		)
746-E-1		)
3646-D-2	Corydon silty clay loam	)
3646-D-3		)
3646-E-3		)
9646-D-1	Corydon stony silt loam	)
9646-D-3		)
9646-E-1		)
7646-C-1	Corydon	)
9646-C-1	Corydon stony silt loam	)
9746-E-2		)
7744-E-1	Frederick	)
844s-E-1	Crider	)
9646-D-2	Corydon stony silt loam	)
9646-E-2		)
9646-E-3		)

Symbol	Field Name	Approved Name
9646-F-1	Corydon stony silt loam	) Corydon stony silt loam,
9646-G-1		) 25 to 70 percent slopes
9646-G-3		)
9646-G-2		)
9646-F-3		)
9646-F-2		)
9746-F-1		)
9746-G-1		)
9746-G-2		)
646-F-1	Corydon silt loam	)
646-F-2		)
646-F-3		)
646-G-1		)
646-G-2		)
746-G-1		)
7646-G-1	Corydon	)
4746-G-1		)
844-A-1	Crider silt loam	) Crider silt loam,
844-A-2		) 0 to 2 percent slopes
844d-A-1		)
844-A-0		)
844-A-Δ		)
844-A-0		)
844-A-3		)
844-A-4		)
844v-A-1	Crider silt loam, variant	)
654-A-1	Bewleyville silt loam	)
644-A-1	Pembroke silt loam	)
844-B-1	Crider silt loam	) Crider silt loam,
844-BK-1		) 2 to 6 percent slopes, eroded
844-B-2		)
844-BK-2		)
844d-B-2		)
844-B-0		)
844-BK-0		)
844-BK		)
634-B-2	Switzerland silt loam	)
644-B-2	Pembroke silt loam	)
644-BK-2		)
644-B-1		)
654-B-2	Bewleyville silt loam	)
654-B-1		)
654-B_1-2		)
654-BK-2		)
744-B-2	Frederick silt loam	)
744-B-1		)
744-A-0		)

Symbol	Field Name	Approved Name
844-B-3	Crider silt loam	) Crider silt loam,
844-B-4		) 2 to 6 percent slopes,
644-B-3	Pembroke silt loam	) severely eroded
654-B-3	Bewleyville silt loam	)
654-BK-3		)
654-B-4		)
844-C-1	Crider silt loam	) Crider silt loam,
844-CK-1		) 6 to 12 percent slopes, eroded
844-C-2		)
844-CK-2		)
844-C-0		)
844-CK-0		)
844-CK		)
844-C-2K		)
844-C		)
634-C-2	Switzerland silt loam	)
843-C-2	Russellville silt loam	)
654-C-1	Bewleyville silt loam	)
654-C-2		)
654-CK-2		)
654-CK-1		)
654-C_1-2		)
651-C-2	Guthrie silt loam	)
744-C-2	Frederick silt loam	)
4654-C-1		)
653-C-2	Bedford silt loam	)
653-C-3	Bedford silt loam	)
844-C-3	Crider silt loam	) Crider silt loam,
844-CK-3		) 6 to 12 percent slopes,
844d-C-3		) severely eroded
634-C-3	Switzerland silt loam	)
744-C-3	Frederick silt loam	)
654-C-3	Bewleyville silt loam	)
654-CK-3		)
4654-C-3	Frederick silt loam	)
844-D-1	Crider silt loam	) Crider silt loam,
844-DK-1		) 12 to 18 percent slopes, eroded
844-D-2		)
844-D-0		)
844-DK-2		)
634-D-2	Switzerland silt loam	)
654-D-1	Bewleyville silt loam	)
654-D-2		)
654-D-0		)
654-DK-2		)
744-D-1	Frederick silt loam	)
744-D-2		)
744-DK-2		)
4654-D-1		)
4654-D-2		)

Symbol	Field Name	Approved Name
844-D-3	Crider silt loam	Crider silt loam, 12 to 18 percent slopes, severely eroded
844-DK-3		
844-D-3K		
654-D-3	Bewleyville silt loam	
744-D-3	Frederick silt loam	
4654-D-3		
744-DK-3		
3636-D-2	Fairmount silty clay loam	Fairmount silty clay loam, 12 to 25 percent slopes
3636-E-2		
3636-E-3		
636-E-1	Fairmount silt loam	
636-E-2		
9636-E-3	Fairmount stony silty clay loam	
3636co-B-0	Fairmount silty clay loam,	
3636co-C-0	coarse loam phase	
3636co-D-0		
3636co-E-1		
3636co-C-2		
9636co-D-0	Fairmount stony silt loam, coarse loam phase	
9636-F-2	Fairmount stony silty clay loam	Fairmount stony silty clay loam, 25 to 70 percent slopes
9636-G-1		
9636-G-2		
9636-G-3		
9636-F-3		
636-F-1	Fairmount silt loam	
636-F-2		
3636-F-2	Fairmount silty clay loam	
3636-G-1		
954-C-1	Gilpin silt loam	Gilpin silt loam, 6 to 12 percent slopes, eroded
954-C-2		
674-C-1	Wellston silt loam	
674-C-2		
974-C-2	Hartsells	
954-C-3	Gilpin silt loam	Gilpin silt loam, 6 to 12 percent slopes, severely eroded
674-C-3	Wellston silt loam	
673-C-3	Unnamed silt loam	
956-C-3	Berks channery silt loam	
954-D-1	Gilpin silt loam	Gilpin silt loam, 12 to 18 percent slopes, eroded
954-D-2		
674-D-1	Wellston silt loam	
674-D-2		
974-D-1	Hartsells	
679-D-1	Unnamed silt loam	

Symbol	Field Name	Approved Name
954-D-3	Gilpin silt loam	) Gilpin silt loam,
674-D-3	Wellston silt loam	) 12 to 18 percent slopes,
673-D-3	Unnamed silt loam	) severely eroded
954-E-1	Gilpin silt loam	) Gilpin silt loam,
954-E-2		) 18 to 25 percent slopes, eroded
954-E-3		) (A severe erosion spot symbol
674-E-1	Wellston silt loam	) should be added to units of
674-E-2		) 664-E-3, 954-E-3, and 674-E-3,
674-E-3		) one symbol for each 5 acres or
674-E-4		) each delineation, whichever
664-E-2	Zanesville silt loam	) is smaller.)
664-E-3		)
664-E-1		)
574-A-1	Cincinnati silt loam	) Grayford silt loam,
594-A-1	Grayford silt loam	) 0 to 2 percent slopes
615-A-1	Parke silt loam	)
594-B-1	Grayford silt loam	) Grayford silt loam,
594-B-2		) 2 to 6 percent slopes, eroded
594-B-3		) (A severe erosion spot symbol
594-BK-2		) should be added to units of
594-B		) 594-B-3 and 615-B-3, one symbol
594-B-2K		) for each 5 acres or each
615-B-1	Parke silt loam	) delineation whichever is
615-B-2		) smaller.)
615-B-3		)
594-C-1	Grayford silt loam	) Grayford silt loam,
594-C-2		) 6 to 12 percent slopes, eroded
594-CK-2		)
615-C-1	Parke silt loam	)
615-C-2		)
594-C-3	Grayford silt loam	) Grayford silt loam,
594-CK-3		) 6 to 12 percent slopes,
615-C-3	Parke silt loam	) severely eroded
593-C-3	Unnamed silt loam	)
594-D-1	Grayford silt loam	) Grayford silt loam,
594-D-2		) 12 to 18 percent slopes,
594-DK-2		) eroded
615-D-1	Parke silt loam	)
615-D-2		)

Symbol	Field Name	Approved Name
594-D-3	Grayford silt loam	Grayford silt loam, 12 to 18 percent slopes, severely eroded
594-DK-3		
594-E-3		
615-D-3	Parke silt loam	
1005-D-3	Negley silt loam	
1005-D-4		
594-E-1	Grayford silt loam	Grayford silt loam, 18 to 25 percent slopes, eroded
594-E-2		
594-F-1		
615-E-1	Parke silt loam	
615-E-2		
51005-E-1	Negley loam	
654-B-4	Bewleyville silt loam	Gullied land
654-C-4		
654-D-4		
654-E-4		
646-D-4	Corydon silt loam	
9646-D-4	Corydon stony silt loam	
844-C-4	Crider silt loam	
844-D-4		
844-E-4		
744-D-4	Frederick silt loam	
744-C-4		
744-E-4		
4654-D-4		
594-C-4	Grayford silt loam	
594-D-4		
594-D-5		
594-E-4		
644-D-4	Pembroke silt loam	
644-C-4		
604-C-4	Jennings silt loam	
604-D-4		
684-C-4	Trappist silt loam	
684-D-4		
684-E-4		
1014-D-4	Unnamed silt loam	
1014-C-4		
824-C-4		
824-D-4		
1014-E-4		
664-C-4	Zanesville silt loam	
664-D-4		
664-E-4		
674-C-4	Wellston silt loam	
674-D-4		
954-C-4	Gilpin silt loam	
954-D-4		

Symbol	Field Name	Approved Name
644-C-1	Pembroke silt loam	Hagerstown silt loam, 6 to 12 percent slopes, eroded
644-C-2		
644-CK-2		
644-D-1	Pembroke silt loam	Hagerstown silt loam, 12 to 18 percent slopes, eroded
644-D-2		
644-DK-2		
844-E-1	Crider silt loam	Hagerstown silt loam, 18 to 25 percent slopes, eroded
844-E-2		
844d-E-2		
844-F-1		
844-E-0		
844-F-2		
634-E-1	Switzerland silt loam	
644-E-2	Pembroke silt loam	
644-E-1		
654-E-1	Bewleyville silt loam	
654-E-2		
654-F-1		
9744-E-1	Frederick	
4654-E-1	Frederick silt loam	
744-E-1		
744-E-2		
744-EK-1		
744-F-1		
4654-E-2		
4654-F-1		
644-C-3	Pembroke silt loam	Hagerstown silty clay loam, 6 to 12 percent slopes, severely eroded
644-CK-3		
644-D-3	Pembroke silt loam	Hagerstown silty clay loam, 12 to 18 percent slopes, severely eroded
844-E-3	Crider silt loam	Hagerstown silty clay loam, 18 to 25 percent slopes, severely eroded
844-F-3		
644-E-3	Pembroke silt loam	
654-E-3	Bewleyville silt loam	
654-F-3		
744-E-3	Frederick silt loam	
4654-E-3		

Symbol	Field Name	Approved Name
74	Haymond silt loam	Haymond silt loam
74-A-0		
74H-A-0		
74-A-+		
74-A		
74-R-0		
74-B-0		
74-C-1		
94-A-0	Cuba silt loam	
94-A-1		
94		
94-B-0		
94D		
74H	Haymond silt loam, high bottom	
892-A-1	Henshaw silt loam	Henshaw silt loam,
892-A-+		0 to 2 percent slopes
892-A-0		
892-A-0		
892-B-1		
892-B-2		
252-A-1	McGary silt loam	
252-B-1		
252-B-2		
893-A-0	Uniontown silt loam	
893-A-1		
694-E-3	Otwell silt loam	Hickory silt loam,
694-E-1		18 to 25 percent slopes, eroded
694-E-2		(A severe erosion spot symbol
694-F-1		should be added to units of
694-F-2		694-E-3 and 574-E-3, one symbol
694-G-1		for each 5 acres or each
574-E-1	Cincinnati silt loam	delineation, whichever is
574-E-2		smaller.)
574-F-2		
574-E-3		
574-E-4		
574-G-2		
576-F-1	Hickory silt loam	
576-E-1		
576-E-2		
564-A-1	Hosmer silt loam	Hosmer silt loam,
563-A-1		0 to 2 percent slopes
842-R-1	Unnamed silt loam	
843-A-1	Russellville silt loam	

Symbol	Field Name	Approved Name
564-B-1	Hosmer silt loam	) Hosmer silt loam,
564-B-2		) 2 to 6 percent slopes, eroded
563-B-1		)
563-B-2		)
843-B-1	Russellville silt loam	)
843-B-2		)
842-BK-1	Unnamed silt loam	)
842-B-2		)
564-B-0	Hosmer silt loam	)
564-C-1	Hosmer silt loam	) Hosmer silt loam,
564-C-2		) 6 to 12 percent slopes, eroded
564-C-0		)
564-C-3	Hosmer silt loam	) Hosmer silt loam, 6 to 12 percent slopes, severely eroded
564-D-2	Hosmer silt loam	) Hosmer silt loam,
564-D-3		) 12 to 18 percent slopes, eroded
564-E-0		)

Symbol	Field Name	Approved Name
54	Huntington silt loam	) Huntington silt loam
54-A-0		) (Cartographic will add sand
54-A-+		) spot symbols where symbols
54-B-1		) 5 and 5-A-0 have been used.
54-C-0		) One symbol for each 5 acres
54-E-1		) or each mapping unit, whichever
54-E-0		) is smaller.)
54-A-Δ		)
54-A-Θ		)
54-D-0		)
54-B-0		)
54-F-1		)
54-G-1		)
54-D-2		)
54-C-1		)
54-B-2		)
54-A-1		)
54H-A-0	Huntington silt loam,	)
54H-A-1	high bottom	)
54H-B-1		)
54H-B-0		)
54-H		)
3054-A-0	Huntington silty clay loam	)
3054		)
5054-A-0	Huntington loam	)
5054-B-0		)
5054-A-0		)
5054		)
5054H	Huntington loam, high bottom	)
5	Riverwash	)
5-A-0		)
603-A-1	Cana silt loam	) Jennings silt loam,
603-A-2		) 0 to 2 percent slopes
603-A-0		)
603-A-Θ		)
603-A-Δ		)
603-A-3		)
603-A		)
604-A-1	Jennings silt loam	)
604-A-Δ		)
604-A-3		)
604-A-4		)
823-A-1	Unnamed silt loam	)

Symbol	Field Name	Approved Name
603-B-1	Cana silt loam	Jennings silt loam, 2 to 6 percent slopes, eroded
603-B-2		
603-B-3		
603-B-0		
603-B-4		
604-B-1	Jennings silt loam	
604-B-2		
604-B-0		
824-B-1	Unnamed silt loam	Jennings silt loam, heavy subsoil variant, 2 to 6 percent slopes, eroded
824-B-2		
1014-B-2		
823-B-1		
823-B-2		
1013-B-1		
1013-B-2		
1013-B-3		
1013-B-0		
823-B-0		
823-B-3		
824-C-1	Unnamed silt loam	Jennings silt loam, heavy subsoil variant, 6 to 12 percent slopes, eroded
824-C-2		
823-C-1		
823-C-2		
824-C-0		
824-C-3	Unnamed silt loam	Jennings silt loam, heavy subsoil variant, 6 to 12 percent slopes, severely eroded
824-D-1	Unnamed silt loam	Jennings silt loam, heavy subsoil variant, 12 to 18 percent slopes, eroded (A severe erosion spot symbol should be added to units of 824-D-3, one symbol for each 5 acres or each delineation, whichever is smaller.)
824-D-2		
824-D-3		
823-D-1		

Symbol	Field Name	Approved Name
662-A-1	Johnsburg silt loam	Johnsburg silt loam, 0 to 2 percent slopes
662-A-2		
662-B-2		
661-A-1	Mullins silt loam	
652-A-1	Lawrence silt loam	
652-A-0		
642-A-1	Unnamed silt loam	
822-A-1		
642-A-0		
842-A-1		
663-A-1	Tilsit silt loam	
663-A-2		
53	Lindside silt loam	Lindside silt loam
53-A-0		
53-A-+		
53-B-0		
723-A-1	Sciotoville silt loam	
723-A-0		
723-A-0		
723-B-1		
723-B-2		
723-B-3		
723-B-0		
723-C-1		
723-C-2		
723-D-1		
5723-B-2	Sciotoville loam	
254-C-2	Markland silt loam	Markland silt loam, 6 to 12 percent slopes, eroded (A severe erosion spot symbol should be added to units of 254-C-3, one symbol for each 5 acres or each delineation, whichever is smaller.)
254-C-1		
254-C-3		
254-C-0		
254-D-1	Markland silt loam	Markland silt loam, 12 to 18 percent slopes, eroded (A severe erosion spot symbol should be added to units of 254-D-3, 894-D-3, one symbol for each 5 acres or each delineation, whichever is smaller.)
254-D-2		
254-D-0		
254-D-3		
894-D-0	Uniontown silt loam	
894-D-3		
894-D-2		
893-D-2		

Symbol	Field Name	Approved Name
254-E-0	Markland silt loam	Markland silt loam, 18 to 25 percent slopes, eroded
254-E-2		
254-F-1		
254-F-2		
254-E-1		
254-E-3		
254-E-θ		
894-E-3	Uniontown silt loam	
3258	Montgomery silty clay loam	Montgomery silty clay
3898	Patton silty clay loam	
3898-A-1		
3898-A-θ		
3898-A-0		
898-A-1	Patton silt loam	
52	Newark silt loam	Newark silt loam
52-A-0		
52-B-2		
713-B-1	Pekin silt loam	Pekin silt loam, 2 to 6 percent slopes, eroded
713-B-2		
714-A-1	Elkinsville silt loam	
714-B-2		
714-B-1		
714-B-θ		
714-A-0		
714-B-0		
712-B-2	Bartle silt loam	
712-B-1		
693-B	Haubstadt silt loam	
693-B-1		
693-B-2		
693-B-3		
693-B-θ		
694-B-1	Otwell silt loam	
694-B-2		
Gravel pits	Gravel pit	Pits
Limestone quarry--Quarry		
Quarry		
Borrow pit	Borrow pit	

Symbol	Field Name	Approved Name
74s	Haymond silt loam, shallow phase	Pope silt loam
74s-A-0		
94s-A-0	Pope silt loam, shallow phase	
94s		
9094-A-0	Pope	
93s-A-0	Philo silt loam, shallow phase	
93s-A-+		
1014-C-1	Rarden silt loam	Rarden silt loam, 6 to 12 percent slopes, eroded
1014-C-2		
1014-C-0		
1064-C-2	Unnamed silt loam	
1014-D-1	Rarden silt loam	Rarden silt loam, 12 to 18 percent slopes, eroded
1014-D-2		
1016-D-2	Kinderhook silt loam	
1016-D-1		
1014-C-3	Rarden silt loam	Rarden silty clay loam, 6 to 12 percent slopes, severely eroded
1014-D-3	Rarden silt loam	Rarden silty clay loam, 12 to 18 percent slopes, severely eroded
1016-F-1	Kinderhook silt loam	Rockcastle silt loam, 18 to 55 percent slopes
1016-F-3		
1016-E-1		
1016-E-2		
1016-E-3		
1016-E-4		
1016-G-1		
1016-G-3		
1014-F-1	Unnamed silt loam	
1014-F-3		
1014-E-1		
1014-E-3		
1014-E-2		
573-A-1	Rossmoyne silt loam	Rossmoyne silt loam, 0 to 2 percent slopes
573-A-2		
573v-A-1	Rossmoyne silt loam, variant	
573v-A-2		
593-A-1	Unnamed silt loam	
593-A-2		

Symbol	Field Name	Approved Name
573-B-1	Rossmoyne silt loam	Rossmoyne silt loam, 2 to 6 percent slopes, eroded
593-B-1	Unnamed silt loam	
593-B-2		
573v-B-1	Rossmoyne silt loam, variant	
573-B-2	Rossmoyne silt loam	
573v-B-2	Rossmoyne silt loam, variant	
573-B-0	Rossmoyne silt loam	
593v-B-2	Unnamed silt loam, variant	
Made land	Made land	
1		
U	Urban	
8	Shaft mine dumps	
573-B-3	Rossmoyne silt loam	Rossmoyne silt loam, 2 to 6 percent slopes, severely eroded
574-B-3	Cincinnati silt loam	
604-B-3		
684-C-1	Trappist silt loam	Trappist silt loam, 6 to 12 percent slopes, eroded
684-C-2		
684-B-2		
684-B-1		
684-C-0		
604-C-1	Jennings silt loam	
604-C-2		
604-C-0		
684-C-3	Trappist silt loam	Trappist silt loam, 6 to 12 percent slopes, severely eroded
604-C-3	Jennings silt loam	
684-D-1	Trappist silt loam	Trappist silt loam, 12 to 18 percent slopes, eroded
684-D-2		
604-D-1	Jennings silt loam	
604-D-2		
604-D-0		
686-D-1	Colyer silt loam	
686-D-2		
684-D-3	Trappist silt loam	Trappist silt loam, 12 to 18 percent slopes, severely eroded
604-D-3	Jennings silt loam	
603-D-3	Cana silt loam	
686-D-3	Colyer silt loam	

Symbol	Field Name	Approved Name
893-B-2	Uniontown silt loam	Uniontown silt loam, 2 to 6 percent slopes, eroded
894-B-2		
893-B-1		
894-A-1		
893-B-0		
894-B-0		
254-B-2	Markland silt loam	
254-B-+		
254-B-3		
254-B-0		
254-B-1		
554-B-1	Alford silt loam	
3254-B-2	Markland silty clay loam	
894-C-2	Uniontown silt loam	Uniontown silt loam, 6 to 12 percent slopes, eroded (A severe erosion spot symbol should be added to units of 894-C-3 and 894-C-4, one symbol for each 5 acres or each delineation, whichever is smaller.)
894-C-3		
893-C-2		
894-C-1		
894-C-0		
894-C-4		
72	Wakeland silt loam	Wakeland silt loam
72-A-0		
72-A-+		
72-A		
72-A-1		
92-A-0	Stendal silt loam	
92-A-+		
92		
72v-A-0	Wakeland silt loam, variant	

Symbol	Field Name	Approved Name
966-F-1	Weikert channery silt loam	Weikert channery silt loam, 35 to 90 percent slopes
966-G-1		
966-F-3		
966-G-2		
966-G-3		
956-G-1	Berks channery silt loam	
956-G-2		
674-G-2	Wellston silt loam	
674-G-1		
674-G-3		
676-G-1	Muskingum silt loam	
676-G-2		
9676-F-1	Muskingum stony silt loam	
9676-F-2		
9676-F-3		
9676-G-1		
9676-G-2		
9676-G-3		
722-A-0	Weinbach silt loam	Weinbach silt loam, 0 to 2 percent slopes
722-A-1		
722-A-+		
722-A		
722-B-1		
722-B-2		
722-A-Δ		
722-A-Θ		
721-A-1	Ginat silt loam	
7722-A-1	Weinbach loamy fine sand	
727-A-+	Chilo silt loam	
727-A-0		
3727-A-0	Chilo silty clay loam	
6724-B-2	Wheeling fine sandy loam	Wheeling fine sandy loam, 2 to 6 percent slopes, eroded
6724-A-1		
6724-B-1		
6724-A-4		
7724-B-1	Wheeling loamy sand	
7724-B-Θ		
6724-C-2	Wheeling fine sandy loam	Wheeling fine sandy loam, 6 to 12 percent slopes, eroded
6724-C-1		
7724-C-1	Wheeling loamy sand	
7724-C-2		
8724-C-2	Wheeling sandy loam	
335-C-2	Fox silt loam	

Symbol	Field Name	Approved Name
724-A-1	Wheeling silt loam	Wheeling silt loam, 0 to 2 percent slopes
724-A-0		
724-A-0		
5724-A-1	Wheeling loam	
724-B-1	Wheeling silt loam	Wheeling silt loam, 2 to 6 percent slopes, eroded
724-B-2		
724-B-0		
724-B-3		
5724-B-2	Wheeling loam	
724-C-1	Wheeling silt loam	Wheeling silt loam, 6 to 12 percent slopes, eroded
724-C-2		
724-C-3		
724-C-0		
5724-C-1	Wheeling loam	
5724-C-2		
724-D-1	Wheeling silt loam	Wheeling silt loam, 12 to 18 percent slopes, eroded
724-D-2		
724-D-3		
724-D-0		
724-E-1		
724-E-2		
724-E-3		
724-F-1		
724-F-2		
724-G-1		
724-F-4		
7724-F-2	Wheeling loamy sand	
73	Wilbur silt loam	Wilbur silt loam
73-A-0		
73-B-1		
73-A		
73-A-1		
73-A-+		
73-B-0		
93	Philo silt loam	
93-A-0		
93-B-1		
93-A-+		

Symbol	Field Name	Approved Name
663-B-1	Tilsit silt loam	Zanesville silt loam, 2 to 6 percent slopes, eroded
663-B-2		
663-B-0		
683-B-2	Byington silt loam	
683-B-1		
683-B-0		
664-B-1	Zanesville silt loam	
664-A-1		
664-B-2		
664-A-2		
674-B-1	Wellston silt loam	
674-B-2		
954-B-1	Gilpin silt loam	
954-B-2		
954-A-2		
954-A-3		
663-B-3	Tilsit silt loam	Zanesville silt loam, 2 to 6 percent slopes, severely eroded
664-B-3	Zanesville silt loam	
664-B-4		
674-B-3	Wellston silt loam	
664-C-1	Zanesville silt loam	Zanesville silt loam, 6 to 12 percent slopes, eroded
664-C-2		
664-9		
664-C-3	Zanesville silt loam	Zanesville silt loam, 6 to 12 percent slopes, severely eroded
664-D-1	Zanesville silt loam	Zanesville silt loam, 12 to 18 percent slopes, eroded
664-D-2		
664-D-3	Zanesville silt loam	Zanesville silt loam, 12 to 18 percent slopes, severely eroded
3257-A-0	Zipp silty clay loam	Zipp silty clay
3257-A-1		

Series recommended for establishment as a result of this correlation:

None

Series previously recommended for establishment:

None

Series recommended to be made inactive:

Kinderhook

Instructions to the Cartographic Section:

Slope Groups and slope figures to be included with each slope group:

A - Includes 0, 1, 2 percent slopes
B - Includes 3, 4, 5, 6 percent slopes
C - Includes 7, 8, 9, 10, 11, 12 percent slopes
D - Includes 13, 14, 15, 16, 17, 18 percent slopes
E - Includes 19, 20, 21, 22, 23, 24, 25 percent slopes
F - Includes 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 percent slopes
G - Includes all slopes 36 percent and above

All conventional signs and symbols shall be shown according to instructions in the legend submitted with the field sheets to Cartographic.

Approved: APR 16 1984

John E. McClelland

John E. McClelland
Principal Soil Correlator
Midwest Regional Technical Service Center

Notes to Accompany

Correlation and Classification

of the Soils of
Clark-Floyd Counties, Indiana

by
Robert I. Turner and R. E. Daniell

1. AVONBURG SERIES
No comment.

2. BARTLE SERIES
No comment.

3. BEDFORD SERIES
Available information does not justify the use of an eroded phase name.

4. BERKS SERIES
The slope was expanded as more than 20 percent of the unit had slopes of less than 25 percent according to Indiana representatives.

5. BONNIE SERIES
No comment.

6. CINCINNATI SERIES
Units 604-B-1, 604-B-2, 604-B-0 were said to be over black shale and were removed from this delineation and combined with the Jennings silt loam, 2 to 6 percent slopes eroded, by suggestion of the Indiana representatives.

7. CLERMONT SERIES
The soil tends to have less clay than is typical for the Clermont series in Ohio, and part of it will be a taxadjunct in the Clermont series from that standpoint.

8. COLYER SERIES
The coarse fragments are all shale so the name was changed to shaly.

9. CRIDER SERIES
The soils of this county are considered to be a taxadjunct in the Crider series on the basis of having base saturation above 60 percent 50 inches below the top of the argillic horizon. Some areas also have bedrock (lithic) contact between 40 and 60 inches from the surface and are a taxadjunct in the Crider series from that standpoint.

10. CRIDER SERIES, SILT LOAM COMPLEX
Combined with other Crider silt loam units. The inclusions of unnamed soils will be described as much as possible in the mapping units. Interpretations were not significantly different from the other Crider units.

11. FAIRMONT SERIES
Available information did not justify the use of an eroded phase name.

12. GILPIN SERIES
No comment.

13. GRAYFORD SERIES
No comment.

14. GULLIED LAND
It did not seem meaningful to have two kinds of this miscellaneous land type.

15. HAGERSTOWN SERIES
This soil is usually less than 60 inches to limestone bedrock in these counties. If the Hagerstown remains defined as a Paleudalf, the soils in this survey area would be taxadjuncts. The definition of Hagerstown is still under study. The texture of the severely eroded units was judged to be better identified as silty clay loam.

16. HAYMOND SERIES
No comment.

17. HENSHAW SERIES
No comment.

18. HICKORY SERIES
No comment.

19. HOSMER SERIES
No comment.

20. HUNTINGTON SERIES
No comment.

21. JENNINGS SERIES
Most of the so called shale substratum of Rossmoyne seems to fit best in the Jennings series. The Cincinnati silt loam shale substratum has a finer texture in lower part of solum than Jennings. It is being considered as a variant of Jennings. The acreage is rather large for a variant, but the same kind of soil was named as Jennings silt loam, heavy substratum in Scott County, Indiana. This soil is not believed to be present in any other counties, and for that reason plus the use of a phase Jennings in an adjoining county, we believe the best alternative is to call it a variant of Jennings.

22. JOHNSBURG SERIES
No comment.

23. LINDSIDE SERIES
No comment.

24. MARKLAND SERIES
The soils are less acid than is typical for the series and are considered to be taxadjuncts in that respect.

25. MONTGOMERY SERIES
In this soil survey area 5Y colors are present in much of the area. These colors are outside the range of the Montgomery series and the soils with them will be considered as taxadjuncts.

26. NEWARK SERIES
No comment.

27. PEKIN SERIES
No comment.

28. POPE SERIES
The soils in this survey area have more clay and silt than is typical for the Pope series.

29. RARDEN SERIES
The texture of the severely eroded units was judged to be better identified as silty clay loam. We believe that the 2 chroma mottles in the argillic horizon of this soil are inherited from the parent material and that the soil would be more correctly classified as a Typic Hapludult.

30. ROCKCASTLE SERIES
It appears that Kinderhook and Rockcastle overlap rather badly. As the Rockcastle has been correlated in more survey areas for a much larger acreage this correlation was changed to Rockcastle. Kinderhook will be made inactive.

31. ROSSMOYNE SERIES
No comment.

32. ROSSMOYNE SERIES, SILT LOAM, SHALE SUBSTRATUM
Most of this unit is within the revised draft of Jennings.

33. TRAPPIST SERIES
The 18 to 25 percent slope unit contains mostly Colyer according to the Indiana representatives, so it is being placed with the Colyer shaly silt loam, 18 to 35 percent slopes. A Trappist silt loam, 12 to 18 percent slopes, eroded was added at the suggestion of Indiana.

34. UNIONTOWN SERIES
No comment.

35. WAKELAND SERIES
No comment.

36. WEIKERT SERIES
No comment.

37. WEINBACH SERIES
No comment.

38. WHEELING SERIES
No comment.

39. WILBUR SERIES
No comment.

40. ZANESVILLE SERIES
The Indiana representatives believe the base saturation is less than 35 percent at 30 inches below the top of the pan. Complete agreement has not been reached on the proper classification of this series.

41. ZIPP SERIES
No comment.

SOIL CLASSIFICATION

Clark-Floyd Counties, Indiana
by

Robert I. Turner and R. E. Daniell

February 1968

Soil Series	Classification
Avonburg	Aeric Fragiaqualfs, fine-silty, mixed, mesic
Bartle	Aeric Fragiaqualfs, fine-silty, mixed, mesic
Bedford	Typic Fragiudults, fine-silty, mixed, mesic
Berks	Typic Dystrochrepts, loamy-skeletal, mixed, mesic
Bonnie	Fluventic Haplaquepts, fine-silty, mixed, acid, mesic
Cincinnati	Typic Fragiudalfs, fine-silty, mixed, mesic
Clermont	Typic Fragiaqualfs, fine-silty, mixed, mesic
Colyer	Lithic Dystrochrepts, clayey-skeletal, mixed, mesic
Corydon	Lithic Argiudolls, clayey, mixed, mesic
Crider	Ultic Paleudalfs, fine-silty, mixed, mesic
Fairmount	Typic Hapludolls, clayey, mixed, mesic, shallow
Gilpin	Typic Hapludults, fine-loamy, mixed, mesic
Grayford	Typic Hapludalfs, fine-silty, mixed, mesic
Hagerstown	Typic Paleudalfs, fine, mixed, mesic (Typic Hapludalfs?)
Haymond	Dystric Fluventic Eutrochrepts, coarse-silty, mixed, mesic
Henshaw	Aquic Hapludalfs, fine-silty, mixed, mesic
Hickory	Typic Hapludalfs, fine-loamy, mixed, mesic
Hosmer	Typic Fragiudalfs, fine-silty, mixed, mesic
Huntington	Fluventic Hapludolls, fine-silty, mixed, mesic
Jennings	Typic Fragiudults, fine-silty, mixed, mesic
Jennings, variant	Typic Fragiudults, fine-silty, mixed, mesic

Clark-Floyd Counties, Indiana

Soil Series	Classification
Johnsburg	Aquic Fragiudults, fine-silty, mixed, mesic
Lindside	Aquic Fluventic Eutrochrepts, fine-silty, mixed, mesic
Markland	Typic Hapludalfs, fine, mixed, mesic
Montgomery	Typic Haplaquolls, fine, mixed, noncalcareous, mesic
Newark	Aeric Fluventic Haplaquepts, fine-silty, mixed, nonacid, mesic
Pekin	Aquic Fragiudalfs, fine-silty, mixed, mesic
Pope	Fluventic Dystrochrepts, coarse-loamy, mixed, mesic
Rarden	Aquic Hapludults, clayey, mixed, mesic
Rockcastle	Typic Dystrochrepts, fine, mixed, mesic
Rossmoyne	Aquic Fragiudalfs, fine-silty, mixed, mesic
Trappist	Typic Hapludults, clayey, mixed, mesic
Uniontown	Typic Hapludalfs, fine-silty, mixed, mesic
Wakeland	Aeric Fluventic Haplaquepts, coarse-silty, mixed, nonacid, mesic
Weikert	Lithic Dystrochrepts, loamy-skeletal, mixed, mesic
Weinbach	Aeric Fragiaqualfs, fine-silty, mixed, mesic
Wheeling	Ultic Hapludalfs, fine-loamy, mixed, mesic
Wilbur	Aquic Fluventic Eutrochrepts, coarse-silty, mixed, mesic
Zanesville	Typic Fragiudults, fine-silty, mixed, mesic (Typic Fragiudalfs)
Zipp	Typic Haplaquepts, fine, mixed, nonacid, mesic

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