

Soil Correlation Of  
Meade County, Kentucky: Detailed Soil Map Legend

HEL Class*	Frozen symbol	Frozen map unit name	Current symbol	Current map unit name
PHEL	70B2	Baxter cherty silt loam, 2 to 6 percent slopes, eroded	BaB2	Baxter very gravelly silt loam, karst, 2 to 6 percent slopes, eroded
PHEL	70C2	Baxter cherty silt loam, 6 to 12 percent slopes, eroded	BaC2	Baxter very gravelly silt loam, karst, 6 to 12 percent slopes, eroded
HEL	70D2	Baxter cherty silt loam, 12 to 20 percent slopes, eroded	BaD2	Baxter very gravelly silt loam, karst, 12 to 20 percent slopes, eroded
HEL	70E2	Baxter cherty silt loam, 20 to 30 percent slopes, eroded	BaE2	Baxter very gravelly silt loam, karst, 20 to 30 percent slopes, eroded
PHEL	70C3	Baxter cherty silty clay loam, 6 to 12 percent slopes, severely eroded	BbC3	Baxter very gravelly silty clay loam, karst, 6 to 12 percent slopes, severely eroded
HEL	70D3	Baxter cherty silty clay loam, 12 to 20 percent slopes, severely eroded	BbD3	Baxter very gravelly silty clay loam, karst, 12 to 20 percent slopes, severely eroded
PHEL	70C3	Baxter cherty silt loam, 6 to 12 percent slopes, severely eroded	BeC4	Baxter soils, karst, 6 to 12 percent slopes, very severely eroded
HEL	70D3	Baxter cherty silty clay loam, 12 to 20 percent slopes, severely eroded	BeD4	Baxter soils, karst, 12 to 20 percent slopes, very severely eroded
HEL	726C2	Caneyville silt loam, 6 to 12 percent slopes, eroded	CaC2	Caneyville silt loam, 6 to 12 percent slopes, eroded
HEL	726D2	Caneyville silt loam, 12 to 20 percent slopes, eroded	CaD2	Caneyville silt loam, 12 to 20 percent slopes, eroded
HEL	726C3	Caneyville silty clay, 6 to 12 percent slopes, severely eroded	CeC3	Caneyville silty clay, 6 to 12 percent slopes, severely eroded
HEL	726D3	Caneyville silty clay, 12 to 20 percent slopes, severely eroded	CeD3	Caneyville silty clay, 12 to 20 percent slopes, severely eroded
HEL	724D	Caneyville-Rock outcrop complex, 12 to 20 percent slopes	CkD	Caneyville-Rock outcrop complex, 12 to 30 percent slopes
NHEL	16	Chagrin fine sandy loam	Cn	Chagrin fine sandy loam, occasionally flooded
NHEL	282	Clifty gravelly silt loam, occasionally flooded	Co	Clifty gravelly silt loam, 0 to 2 percent slopes, occasionally flooded
PHEL	61B2	Crider silt loam, 2 to 6 percent slopes, eroded	CrB2	Crider silt loam, 2 to 6 percent slopes, eroded
PHEL	61C2	Crider silt loam, 6 to 12 percent slopes, eroded	CrC2	Crider silt loam, 6 to 12 percent slopes, eroded
HEL	61D2	Crider silt loam, 12 to 20 percent slopes, eroded	CrD2	Crider silt loam, 12 to 20 percent slopes, eroded
PHEL	61C3	Crider silty clay loam, 6 to 12 percent slopes, severely eroded	CtC3	Crider silty clay loam, 6 to 12 percent slopes, severely eroded
HEL	61D3	Crider silty clay loam, 12 to 20 percent slopes, severely eroded	CtD3	Crider silty clay loam, 12 to 20 percent slopes, severely eroded
NHEL	180	Cuba silt loam, occasionally flooded	Cu	Cuba silt loam, occasionally flooded
	DAM	Dam, large	DAM	Dam, large
NHEL	345A	Elk silt loam, 0 to 2 percent slopes	EkA	Elk silt loam, 0 to 2 percent slopes, rarely flooded
PHEL	345B	Elk silt loam, 2 to 6 percent slopes	EkB	Elk silt loam, 2 to 6 percent slopes, rarely flooded

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PHEL	345C2	Elk silt loam, 6 to 12 percent slopes, eroded	EkC2	Elk silt loam, 6 to 12 percent slopes, eroded
HEL	345D2	Elk silt loam, 12 to 20 percent slopes, eroded	EkD2	Elk silt loam, 12 to 20 percent slopes, eroded
HEL	345D3	Elk silt loam, 12 to 20 percent slopes, severely eroded	EkD3	Elk silt loam, 12 to 20 percent slopes, severely eroded
HEL	345E	Elk silt loam, 20 to 40 percent slopes	EkE	Elk silt loam, 12 to 50 percent slopes, rarely flooded
HEL	632C2	Fredonia very rocky silty clay loam, 6 to 12 percent slopes, eroded	FcC2	Fredonia-Crider complex, karst, rocky, 6 to 12 percent slopes, eroded
HEL	632D2	Fredonia very rocky silty clay loam, 12 to 30 percent slopes, eroded	FcD2	Fredonia-Crider complex, karst, rocky, 12 to 20 percent slopes, eroded
HEL	632D3	Fredonia very rocky silty clay, 12 to 30 percent slopes, severely eroded	FrD3	Fredonia-Crider complex, karst, very rocky, 6 to 20 percent slopes, severely eroded
PHEL	84B2	Zanesville silt loam, 2 to 6 percent slopes, eroded	GaB2	Gatton silt loam, 2 to 6 percent slopes, eroded
HEL	864C2	Gilpin silt loam, 6 to 12 percent slopes, eroded	GlC2	Gilpin silt loam, 6 to 12 percent slopes, eroded
HEL	864C3	Gilpin silty clay loam, 6 to 12 percent slopes, severely eroded	GlC3	Gilpin silt loam, 6 to 12 percent slopes, severely eroded
HEL	877F	Gilpin-Wellston complex, 30 to 60 percent slopes	GwF	Gilpin-Dekalb-Rock outcrop complex, 30 to 60 percent slopes
PHEL	70B2	Baxter cherty silt loam, 2 to 6 percent slopes, eroded	HaB2	Hammack silt loam, 2 to 6 percent slopes, eroded
PHEL	70C2	Baxter cherty silt loam, 6 to 12 percent slopes, eroded	HbC2	Hammack-Baxter complex, karst, 6 to 12 percent slopes, eroded
PHEL	70C3	Baxter cherty silty clay loam, 6 to 12 percent slopes, severely eroded	HbC3	Hammack-Baxter complex, karst, 6 to 12 percent slopes, severely eroded
NHEL	10	Huntington silt loam, occasionally flooded	Hu	Huntington silt loam, occasionally flooded
PHEL	345B	Elk silt loam, 2 to 6 percent slopes	LaB	Lakin loamy fine sand, 2 to 6 percent slopes
PHEL	345C2	Elk silt loam, 6 to 12 percent slopes, eroded	LaC	Lakin loamy fine sand, 6 to 15 percent slopes
NHEL	105	Lindside silt loam, occasionally flooded	Ld	Lindside silt loam, occasionally flooded
NHEL	105	Lindside silt loam, occasionally flooded	Ln	Lindside silt loam, depressional, frequently flooded
HEL	420C3	Markland silty clay loam, 6 to 12 percent slopes, severely eroded	MaC3	Markland silty clay loam, 6 to 12 percent slopes, severely eroded
HEL	420D3	Markland silty clay loam, 12 to 20 percent slopes, severely eroded	MaD3	Markland silty clay loam, 12 to 35 percent slopes, severely eroded
NHEL	414	McGary silt loam	Mc	McGary silt loam, 0 to 2 percent slopes, rarely flooded
NHEL	117	Melvin silt loam, occasionally flooded	Mf	Melvin silt loam, depressional, frequently flooded
NHEL	112	Newark silt loam, occasionally flooded	Na	Newark silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	112	Newark silt loam, occasionally flooded	Ne	Newark silt loam, depressional, frequently flooded
PHEL	610B2	Nicholson silt loam, 2 to 6 percent slopes, eroded	NhB2	Nicholson silt loam, 2 to 6 percent slopes, eroded

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HEL	610C2	Nicholson silt loam, 6 to 12 percent slopes, eroded	NhC2	Nicholson silt loam, 6 to 12 percent slopes, eroded
HEL	610C3	Nicholson soils, 4 to 12 percent slopes, severely eroded	NkC4	Nicholson soils, 4 to 12 percent slopes, very severely eroded
NHEL	132	Nolin silt loam, occasionally flooded	No	Nolin silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	132	Nolin silt loam, occasionally flooded	Nv	Nolin silt loam, depressionnal, frequently flooded
NHEL	348A	Sciotoville silt loam, 0 to 2 percent slopes	PeA	Pekin silt loam, 0 to 2 percent slopes
PHEL	348B	Sciotoville silt loam, 2 to 6 percent slopes	PeB	Pekin silt loam, 2 to 6 percent slopes
	Pt	Pits, quarries	Pt	Pits, quarries
HEL	864C2	Gilpin silt loam, 6 to 12 percent slopes, eroded	RaC2	Riney loam, 6 to 12 percent slopes, eroded
HEL	864D	Gilpin-Wellston complex, 12 to 20 percent slopes	ReD	Riney-Lily complex, 12 to 20 percent slopes
HEL	864E	Gilpin-Wellston complex, 20 to 30 percent slopes	ReE	Riney-Lily complex, 20 to 30 percent slopes
HEL	8G	Rock outcrop	RkF	Rock outcrop-Caneyville complex, 30 to 90 percent slopes
HEL	8G	Rock outcrop	RmD	Rock outcrop-Corydon complex, 12 to 30 percent slopes
HEL	800C2	Rosine silt loam, 6 to 12 percent slopes, eroded	RnC2	Rosine silt loam, 6 to 12 percent slopes, eroded
HEL	800C3	Rosine silty clay loam, 6 to 12 percent slopes, severely eroded	RoC3	Rosine silty clay loam, 6 to 12 percent slopes, severely eroded
HEL	800D2	Rosine-Caneyville complex, 12 to 20 percent slopes, eroded	RsD2	Rosine-Gilpin-Lenberg complex, 12 to 20 percent slopes, eroded
HEL	800D3	Rosine-Caneyville complex, 12 to 20 percent slopes, severely eroded	RsD3	Rosine-Gilpin-Lenberg complex, 12 to 20 percent slopes, severely eroded
HEL	800E	Rosine-Gilpin-Faywood complex, 20 to 30 percent slopes	RsE	Rosine-Gilpin-Lenberg complex, very rocky, 20 to 30 percent slopes
NHEL	86A	Sadler silt loam, 0 to 2 percent slopes	SaA	Sadler silt loam, 0 to 2 percent slopes
PHEL	86B2	Sadler silt loam, 2 to 6 percent slopes, eroded	SaB2	Sadler silt loam, 2 to 6 percent slopes, eroded
NHEL	348A	Sciotoville silt loam, 0 to 2 percent slopes	ScA	Sciotoville silt loam, 0 to 2 percent slopes
PHEL	348B	Sciotoville silt loam, 2 to 6 percent slopes	ScB	Sciotoville silt loam, 2 to 6 percent slopes
NHEL	187	Steff silt loam, occasionally flooded	Sf	Steff silt loam, occasionally flooded
NHEL	184	Stendal silt loam, occasionally flooded	St	Stendal silt loam, occasionally flooded
PHEL	50B2	Alford silt loam, 2 to 6 percent slopes, eroded	uAlfB2	Alford silt loam, 2 to 6 percent slopes, eroded
HEL	50C2	Alford silt loam, 6 to 12 percent slopes, eroded	uAlfC2	Alford silt loam, 6 to 12 percent slopes, eroded
HEL	50D2	Alford silt loam, 12 to 20 percent slopes, eroded	uAlfD2	Alford silt loam, 12 to 20 percent slopes, eroded

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PHEL	51B2	Hosmer silt loam, 2 to 6 percent slopes, eroded	uHosB2	Hosmer silt loam, 2 to 6 percent slopes, eroded
HEL	51C2	Hosmer silt loam, 6 to 12 percent slopes, eroded	uHosC2	Hosmer silt loam, 6 to 12 percent slopes, eroded
NHEL	117	Melvin silt loam, occasionally flooded	uMe1A	Melvin silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	88	Johnsburg silt loam	uRobA	Robbs silt loam, 0 to 2 percent slopes
HEL	8G	Rock outcrop	VrF	Varilla-Gilpin-Rock outcrop complex, very bouldery, 20 to 65 percent slopes
	W	Water	W	Water
NHEL	350	Weinbach silt loam	We	Weinbach silt loam
HEL	877F	Gilpin-Wellston complex, 30 to 60 percent slopes	WtF	Westmoreland-Caneyville-Rock outcrop complex, 30 to 80 percent slopes
PHEL	345B	Elk silt loam, 2 to 6 percent percent	WxB	Wheeling fine sandy loam, 2 to 6 percent slopes
PHEL	345C2	Elk silt loam, 6 to 12 percent slopes, eroded	WxC2	Wheeling fine sandy loam, 6 to 12 percent slopes, eroded
NHEL	282	Clifty gravelly silt loam, occasionally flooded	Ya	Yeager loamy sand, occasionally flooded
PHEL	84B2	Zanesville silt loam, 2 to 6 percent slopes, eroded	ZaB2	Zanesville silt loam, 2 to 6 percent slopes, eroded
HEL	84C2	Zanesville silt loam, 6 to 12 percent slopes, eroded	ZaC2	Zanesville silt loam, 6 to 12 percent slopes, eroded
HEL	84C3	Zanesville silty clay loam, 6 to 12 percent slopes, severely eroded	ZnC3	Zanesville silt loam, 6 to 12 percent slopes, severely eroded

## HEL Class\*

HEL = Highly Erodible Land

NHEL = Not Highly Erodible Land

PHEL = Potentially Highly Erodible Land