

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

HEL Class*	Frozen symbol	Frozen map unit name	Current symbol	Current map unit name
NHEL	Ay	Arkabutla silt loam	Ab	Arkabutla silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	No	Nolin silty clay loam	Bf	Bardwell silt loam, 0 to 2 percent slopes, frequently flooded
HEL	BdD	Brandon silt loam, 10 to 20 percent slopes	BnD2	Brandon silt loam, 12 to 20 percent slopes, eroded
HEL	BrD3	Brandon silty clay loam, 10 to 30 percent slopes, severely eroded	BnD3	Brandon silt loam, 12 to 20 percent slopes, severely eroded
HEL	BdE	Brandon silt loam, 20 to 30 percent slopes	BnE2	Brandon-Saffell-Smithdale complex, 20 to 35 percent slopes, eroded
HEL	BsF	Brandon and Memphis silt loams, 30 to 60 percent slopes	BnE2	Brandon-Saffell-Smithdale complex, 20 to 35 percent slopes, eroded
HEL	SfE	Saffell and Flomaton soils, 20 to 60 percent slopes	BnE2	Brandon-Saffell-Smithdale complex, 20 to 35 percent slopes, eroded
HEL	BrD3	Brandon silty clay loam, 10 to 30 percent slopes, severely eroded	BsD3	Brandon-Smithdale complex, 12 to 20 percent slopes, severely eroded
NHEL	CaA	Calloway silt loam, 0 to 2 percent slopes	CaA	Calloway silt loam, 0 to 2 percent slopes
HEL	CaB	Calloway silt loam, 2 to 6 percent slopes	CaB2	Calloway silt loam, 2 to 4 percent slopes, eroded
NHEL	GrA	Grenada silt loam, 0 to 2 percent slopes	ChA	Center silt loam, 0 to 2 percent slopes
HEL	GrB	Grenada silt loam, 2 to 6 percent slopes	ChB	Center silt loam, 2 to 5 percent slopes
NHEL	ChA	Chavies fine sandy loam, 0 to 4 percent slopes	CkA	Chavies fine sandy loam, 0 to 3 percent slopes, rarely flooded
NHEL	ChA	Chavies fine sandy loam, 0 to 4 percent slopes	CmA	Chavies fine sandy loam, 0 to 3 percent slopes, occasionally flooded
NHEL	ChA	Chavies fine sandy loam, 0 to 4 percent slopes	CnA	Chavies fine sandy loam, 0 to 3 percent slopes, frequently flooded
NHEL	WhB	Wheeling silt loam, 2 to 6 percent slopes	Co	Collins-Iuka complex, 0 to 4 percent slopes, rarely flooded
NHEL	Nd	Newark-Lindside silty clay loams	Cs	Commerce silt loam, 0 to 2 percent slopes, frequently flooded
	DAM	Dam	DAM	Dam
	Dp	Dumps and Udorthents, loamy	Dp	Dumps and Udorthents, loamy
NHEL	Fc	Falaya-Collins silt loams	Fa	Falaya-Collins complex, 0 to 2 percent slopes, occasionally flooded
NHEL	Fc	Falaya-Collins silt loams	Fc	Falaya-Collins complex, 0 to 2 percent slopes, frequently flooded
HEL	MmB	Memphis silt loam, 2 to 6 percent slopes	FeB	Feliciana silt loam, 2 to 6 percent slopes
HEL	MmC	Memphis silt loam, 6 to 12 percent slopes	FeC2	Feliciana silt loam, 6 to 12 percent slopes, eroded
HEL	MpC3	Memphis silty clay loam, 6 to 12 percent slopes, severely eroded	FeC3	Feliciana silt loam, 6 to 12 percent slopes, severely eroded
HEL	Gu	Gullied land	FeD3	Feliciana silt loam, 12 to 20 percent slopes, severely eroded
HEL	MmD	Memphis silt loam, 12 to 20 percent slopes	FeD3	Feliciana silt loam, 12 to 20 percent slopes, severely eroded
HEL	MpE3	Memphis silty clay loam, 12 to 30 percent slopes, severely eroded	FeD3	Feliciana silt loam, 12 to 20 percent slopes, severely eroded

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HEL	Gu	Gullied land	FeE3	Feliciana silt loam, 20 to 30 percent slopes, severely eroded
HEL	MmE	Memphis silt loam, 20 to 30 percent slopes	FeE3	Feliciana silt loam, 20 to 30 percent slopes, severely eroded
HEL	BsF	Brandon and Memphis silt loams, 30 to 60 percent slopes	FmE2	Feliciana-Brandon complex, 25 to 45 percent slopes, eroded
NHEL	Hn	Henry silt loam	GeA	Ginat silt loam, 0 to 2 percent slopes, rarely flooded
NHEL	Hn	Henry silt loam	GmA	Ginat silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	Hn	Henry silt loam	GnA	Ginat silt loam, 0 to 2 percent slopes, frequently flooded
NHEL	GrA	Grenada silt loam, 0 to 2 percent slopes	GrA	Grenada silt loam, 0 to 2 percent slopes
HEL	GrB	Grenada silt loam, 2 to 6 percent slopes	GrB2	Grenada silt loam, 2 to 6 percent slopes, eroded
HEL	GrB3	Grenada silt loam, 2 to 6 percent slopes, severely eroded	GrB3	Grenada silt loam, 4 to 6 percent slopes, severely eroded
HEL	GrB3	Grenada silt loam, 2 to 6 percent slopes, severely eroded	GsB3	Grenada-Purchase complex, 4 to 6 percent slopes, severely eroded
HEL	GrC3	Grenada silt loam, 6 to 12 percent slopes, severely eroded	GsC3	Grenada-Purchase complex, 6 to 12 percent slopes, severely eroded
NHEL	CaA	Calloway silt loam, 0 to 2 percent slopes	HeA	Henshaw silt loam, 0 to 2 percent slopes, rarely flooded
NHEL	CaA	Calloway silt loam, 0 to 2 percent slopes	HfA	Henshaw silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	CaA	Calloway silt loam, 0 to 2 percent slopes	HhA	Henshaw silt loam, 0 to 2 percent slopes, frequently flooded
NHEL	Du	Dundee silty clay loam, clayey subsoil variant	HhA	Henshaw silt loam, 0 to 2 percent slopes, frequently flooded
NHEL	Nr	Nolin-Robinsonville silt loams	Hm	Huntington-Combs complex, 0 to 2 percent slopes, frequently flooded
NHEL	No	Nolin silty clay loam	Hn	Huntington and Nolin silty clay loams, 0 to 2 percent slopes, frequently flooded
NHEL	Sh	Sharkey silty clay	Ka	Karnak silty clay, 0 to 2 percent slopes, frequently flooded
NHEL	Sw	Swamp	Kn	Karnak silty clay, ponded
NHEL	CaA	Calloway silt loam, 0 to 2 percent slopes	KrA	Kurk silt loam, 0 to 2 percent slopes
NHEL	CaA	Calloway silt loam, 0 to 2 percent slopes	KuA	Kurk silt loam, 0 to 2 percent slopes, rarely flooded
NHEL	MsB	Molena loamy fine sand, 0 to 6 percent slopes	LaA	Lakin loamy fine sand, 0 to 3 percent slopes, rarely flooded
NHEL	MsB	Molena loamy fine sand, 0 to 6 percent slopes	LcA	Lakin loamy fine sand, 0 to 3 percent slopes, occasionally flooded
HEL	LoB	Loring silt loam, 2 to 6 percent slopes	LoB2	Loring silt loam, 2 to 6 percent slopes, eroded
HEL	LoC	Loring silt loam, 6 to 12 percent slopes	LoC2	Loring silt loam, 6 to 12 percent slopes, eroded

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HEL	LoC3	Loring silt loam, 6 to 12 percent slopes, severely eroded	LoC3	Loring silt loam, 6 to 12 percent slopes, severely eroded
HEL	LoC3	Loring silt loam, 6 to 12 percent slopes, severely eroded	LpC3	Loring-Purchase complex, 6 to 12 percent slopes, severely eroded
HEL	LoD	Loring silt loam, 12 to 20 percent slopes	LpD3	Loring-Purchase complex, 12 to 20 percent slopes, severely eroded
HEL	LoD3	Loring silt loam, 12 to 20 percent slopes, severely eroded	LpD3	Loring-Purchase complex, 12 to 20 percent slopes, severely eroded
	M-W	Miscellaneous water	M-W	Miscellaneous water
NHEL	Ro	Rosebloom silt loam	Me	Melvin silty clay loam, 0 to 2 percent slopes, frequently flooded
NHEL	Sw	Swamp	Mn	Melvin silty clay loam, ponded
NHEL	Sh	Sharkey silty clay	Mo	Mhoon silty clay loam, 0 to 2 percent slopes, frequently flooded
NHEL	Nd	Newark-Lindside silty clay loams	Ne	Newark-Lindside complex, 0 to 2 percent slopes, frequently flooded
NHEL	Sh	Sharkey silty clay	Op	Openlake silty clay loam, 0 to 2 percent slopes, frequently flooded
	Pt	Pits, Gravel, and Dumps	Pt	Pits, Gravel, and Dumps
NHEL	Ro	Rosebloom silt loam	Rm	Rosebloom silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	Ro	Rosebloom silt loam	Ro	Rosebloom silt loam, 0 to 2 percent slopes, frequently flooded
NHEL	Sw	Swamp	Rs	Rosebloom silt loam, ponded
NHEL	Hn	Henry silt loam	RtA	Routon silt loam, 0 to 2 percent slopes
NHEL	Hn	Henry silt loam	RuA	Routon silt loam, 0 to 2 percent slopes, rarely flooded
HEL	SaC	Saffell gravelly loam, 0 to 12 percent slopes	SaC	Saffell gravelly sandy loam, 2 to 10 percent slopes
	UdC	Udorthents-Urban land complex, 0 to 25 percent slopes	UdC	Udorthents-Urban land complex, 0 to 25 percent slopes
NHEL	GrA	Grenada silt loam, 0 to 2 percent slopes	UmA	Uniontown silt loam, 0 to 2 percent slopes, rarely flooded
NHEL	GrA	Grenada silt loam, 0 to 2 percent slopes	UnA	Uniontown silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	Db	Dubbs silty clay loam, clayey subsoil variant	UoA	Uniontown silt loam, 0 to 2 percent slopes, frequently flooded
NHEL	GrA	Grenada silt loam, 0 to 2 percent slopes	UoA	Uniontown silt loam, 0 to 2 percent slopes, frequently flooded
	UrA	Urban land-Udorthents complex, 0 to 4 percent slopes	UrA	Urban land-Udorthents complex, 0 to 4 percent slopes
NHEL	Vb	Vicksburg silt loam	Vb	Vicksburg silt loam, 0 to 2 percent slopes, occasionally flooded
	W	Water	W	Water
NHEL	Wa	Waverly silt loam	Wa	Waverly silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	Wa	Waverly silt loam	We	Waverly silt loam, 0 to 2 percent slopes, frequently flooded

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NHEL	WhA	Wheeling silt loam, 0 to 2 percent slopes	WgA	Wheeling silt loam, 0 to 2 percent slopes
NHEL	WhB	Wheeling silt loam, 2 to 6 percent slopes	WgB	Wheeling silt loam, 2 to 6 percent slopes
HEL	WhC	Wheeling silt loam, 6 to 12 percent slopes	WgC2	Wheeling silt loam, 6 to 12 percent slopes, eroded
NHEL	WhA	Wheeling silt loam, 0 to 2 percent slopes	WhA	Wheeling silt loam, 0 to 2 percent slopes, rarely flooded
NHEL	WhA	Wheeling silt loam, 0 to 2 percent slopes	WkA	Wheeling silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	WhA	Wheeling silt loam, 0 to 2 percent slopes	WnA	Wheeling silt loam, 0 to 2 percent slopes, frequently flooded
NHEL	WhB	Wheeling silt loam, 2 to 6 percent slopes	WnB	Wheeling silt loam, 2 to 6 percent slopes, frequently flooded
HEL	WhC	Wheeling silt loam, 6 to 12 percent slopes	WnC2	Wheeling silt loam, 6 to 12 percent slopes, eroded, frequently flooded
NHEL	Bu	Bruno loamy fine sand	Ye	Yeager fine sandy loam, 0 to 4 percent slopes, frequently flooded

HEL Class*

HEL = Highly Erodible Land

NHEL = Not Highly Erodible Land

PHEL = Potentially Highly Erodible Land