

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

HEL Class*	Frozen symbol	Frozen map unit name	Current symbol	Current map unit name
HEL	AlD	Alluvial land, steep	AlD	Alluvial land, steep, (wheeling, 25 to 30 percent slopes, rarely flooded)
NHEL	AsA	Ashton silt loam, 0 to 2 percent slopes	AsA	Ashton silt loam, 0 to 2 percent slopes (occasionally flooded)
PHEL	AsB	Ashton silt loam, 2 to 6 percent slopes	AsB	Ashton silt loam, 2 to 6 percent slopes (occasionally flooded)
NHEL	Av	Avonburg silt loam	Av	Avonburg silt loam (0 to 4 percent slopes)
NHEL	Bo	Boonesboro silt loam	Bo	Boonesboro silt loam (0 to 4 percent slopes, occasionally flooded)
HEL	BrC	Brashear silty clay loam, 6 to 12 percent slopes	BrC	Brashear silty clay loam, 6 to 12 percent slopes
HEL	BrD	Brashear silty clay loam, 12 to 20 percent slopes	BrD	Brashear silty clay loam, 12 to 20 percent slopes
HEL	BsD3	Brashear silty clay, 12 to 20 percent slopes, severely eroded	BsD3	Brashear silty clay, 12 to 20 percent slopes, severely eroded
PHEL	CaB	Captina silt loam, 2 to 6 percent slopes	CaB	Captina silt loam, 2 to 6 percent slopes
NHEL	Cg	Chagrin gravelly silty clay loam	Cg	Chagrin gravelly silty clay loam (sensabaugh 0 to 4 percent slopes, occasionally flooded)
NHEL	ChB	Chavies fine sandy loam, 0 to 6 percent slopes	ChB	Chavies fine sandy loam, 0 to 6 percent slopes
HEL	ChC	Chavies fine sandy loam, 6 to 12 percent slopes	ChC	Chavies fine sandy loam, 6 to 12 percent slopes
HEL	CyD	Cynthiana flaggy silty clay loam, 12 to 20 percent slopes	CyD	Cynthiana flaggy silty clay loam, 12 to 20 percent slopes
HEL	CyF	Cynthiana flaggy silty clay loam, 20 to 50 percent slopes	CyF	Cynthiana flaggy silty clay loam, 20 to 50 percent slopes
	DAM	Dam, large	DAM	Dam, large
HEL	EdD2	Eden silty clay loam, 12 to 20 percent slopes, eroded	EdD2	Eden silty clay loam, 12 to 20 percent slopes, eroded
HEL	EdE2	Eden silty clay loam, 20 to 35 percent slopes, eroded	EdE2	Eden silty clay loam, 20 to 35 percent slopes, eroded
NHEL	Eg	Egam silty clay loam,	Eg	Egam silty clay loam, (woolper 0 to 4 percent slopes)
PHEL	FaB	Faywood silt loam, 2 to 6 percent slopes	FaB	Faywood silt loam, 2 to 6 percent slopes
HEL	FcC	Faywood silty clay loam, 6 to 12 percent slopes	FcC	Faywood silty clay loam, 6 to 12 percent slopes
HEL	FcD	Faywood silty clay loam, 12 to 20 percent slopes	FcD	Faywood silty clay loam, 12 to 20 percent slopes
HEL	FdD3	Faywood silty clay, 12 to 20 percent slopes, severely eroded	FdD3	Faywood silty clay, 12 to 20 percent slopes, severely eroded
HEL	Gu	Gullied land	Gu	Gullied land
NHEL	Hn	Huntington fine sandy loam	Hn	Huntington fine sandy loam (grigsby 0 to 4 percent slopes, occasionally flooded)
NHEL	Hu	Huntington silt loam	Hu	Huntington silt loam (0 to 4 percent slopes, occasionally flooded)
PHEL	JeB	Jessup silt loam, 2 to 6 percent slopes	JeB	Jessup silt loam, 2 to 6 percent slopes
HEL	JeC	Jessup silt loam, 6 to 12 percent slopes	JeC	Jessup silt loam, 6 to 12 percent slopes
HEL	JeD	Jessup silt loam, 12 to 20 percent slopes	JeD	Jessup silt loam, 12 to 20 percent slopes

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HEL	JeE	Jessup silt loam, 20 to 30 percent slopes	JeE	Jessup silt loam, 20 to 30 percent slopes
HEL	JSD3	Jessup silty clay loam, 12 to 20 percent slopes, severely eroded	JSD3	Jessup silty clay loam, 12 to 20 percent slopes, severely eroded
NHEL	LaA	Lakin loamy fine sand, 0 to 2 percent slopes	LaA	Lakin loamy fine sand, 0 to 2 percent slopes (bruno occasionally flooded)
PHEL	LaC	Lakin loamy fine sand, 2 to 12 percent slopes	LaC	Lakin loamy fine sand, 2 to 12 percent slopes
NHEL	Lc	Lawrence silt loam	Lc	Lawrence silt loam (0 to 4 percent slopes)
NHEL	LkA	Licking silt loam, 0 to 2 percent slopes	LkA	Licking silt loam, 0 to 2 percent slopes
PHEL	LkB	Licking silt loam, 2 to 6 percent slopes	LkB	Licking silt loam, 2 to 6 percent slopes
HEL	LlC	Licking silty clay loam, 6 to 12 percent slopes	LlC	Licking silty clay loam, 6 to 12 percent slopes
HEL	LlD	Licking silty clay loam, 12 to 20 percent slopes	LlD	Licking silty clay loam, 12 to 20 percent slopes
NHEL	Ln	Lindside silt loam	Ln	Lindside silt loam (0 to 3 percent slopes, occasionally flooded)
PHEL	NeB	Negley silt loam, 2 to 6 percent slopes	NeB	Negley silt loam, 2 to 6 percent slopes
HEL	NeC	Negley silt loam, 6 to 12 percent slopes	NeC	Negley silt loam, 6 to 12 percent slopes
HEL	NeD	Negley silt loam, 12 to 20 percent slopes	NeD	Negley silt loam, 12 to 20 percent slopes
NHEL	Nk	Newark silt loam	Nk	Newark silt loam (0 to 2 percent slopes, occasionally flooded)
PHEL	NlB	Nicholson silt loam, 0 to 6 percent slopes	NlB	Nicholson silt loam, 2 to 6 percent slopes
NHEL	NlC	Nicholson silt loam, 6 to 12 percent slopes	NlC	Nicholson silt loam, 6 to 12 percent slopes
NHEL	No	Nolin silt loam	No	Nolin silt loam, 0 to 2 percent slopes, occasionally flooded
	Pt	Pits, sand and gravel	Pt	Pits, sand and gravel
NHEL	Ro	Robertsville silt loam	Ro	Robertsville silt loam
PHEL	RsB	Rossmoyne silt loam, 0 to 6 percent slopes	RsB	Rossmoyne silt loam, 0 to 6 percent slopes
HEL	RsC	Rossmoyne silt loam, 6 to 12 percent slopes	RsC	Rossmoyne silt loam, 6 to 12 percent slopes
PHEL	Ur	Urban land	Ur	Urban land
	W	Water	W	Water
NHEL	WhA	Wheeling silt loam, 0 to 2 percent slopes	WhA	Wheeling silt loam, 0 to 2 percent slopes
PHEL	WhB	Wheeling silt loam, 2 to 6 percent slopes	WhB	Wheeling silt loam, 2 to 6 percent slopes
HEL	WhC	Wheeling silt loam, 6 to 12 percent slopes	WhC	Wheeling silt loam, 6 to 12 percent slopes
HEL	WoC	Woolper silty clay loam, 6 to 12 percent slopes	WoC	Woolper silty clay loam, 6 to 12 percent slopes
HEL	WoD	Woolper silty clay loam, 12 to 20 percent slopes	WoD	Woolper silty clay loam, 12 to 20 percent slopes

## HEL Class\*

HEL = Highly Erodible Land

NHEL = Not Highly Erodible Land

PHEL = Potentially Highly Erodible Land