

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

HEL Class*	Frozen symbol	Frozen map unit name	Current symbol	Current map unit name
HEL	476B2	Allegheny loam, 2 to 6 percent slopes, eroded	AlB	Allegheny loam, 2 to 6 percent slopes
HEL	476C2	Allegheny loam, 6 to 12 percent slopes, eroded	AlC2	Allegheny loam, 6 to 12 percent slopes, eroded
HEL	476C3	Allegheny loam, 6 to 12 percent slopes, severely eroded	AlC3	Allegheny loam, 6 to 12 percent slopes, severely eroded
HEL	476D2	Allegheny loam, 12 to 20 percent slopes, eroded	AlD2	Allegheny loam, 12 to 20 percent slopes, eroded
HEL	476D3	Allegheny loam, 12 to 20 percent slopes, severely eroded	AlD3	Allegheny loam, 12 to 20 percent slopes, severely eroded
HEL	721B2	Christian loam, 2 to 6 percent slopes, eroded	BaB	Baxter gravelly silt loam, 2 to 6 percent slopes
HEL	721C2	Christian loam, 6 to 12 percent slopes, eroded	BaC2	Baxter gravelly silt loam, 6 to 12 percent slopes, eroded
HEL	910B	Bethesda channery, 2 to 6 percent slopes	BfB	Bethesda-fairpoint soils, 2 to 6 percent slopes
HEL	911B2	Bethesda channery silty clay loam, 2 to 6 percent slopes, eroded	BfB	Bethesda-fairpoint soils, 2 to 6 percent slopes
HEL	920B2	Fairpoint-(reclaimed) silty clay loam, 2 to 6 percent slopes, eroded	BfB	Bethesda-fairpoint soils, 2 to 6 percent slopes
HEL	910C2	Bethesda channery, 6 to 12 percent slopes, eroded	BfC	Bethesda-fairpoint soils, 6 to 12 percent slopes
HEL	911C2	Bethesda channery silty clay loam, 6 to 12 percent slopes, eroded	BfC	Bethesda-fairpoint soils, 6 to 12 percent slopes
HEL	920C2	Fairpoint-(reclaimed) silty clay loam, 6 to 20 percent slopes, eroded	BfC	Bethesda-fairpoint soils, 6 to 12 percent slopes
HEL	910D2	Bethesda channery, 12 to 20 percent slopes, eroded	BfD	Bethesda-fairpoint soils, 12 to 20 percent slopes
HEL	950D2	Fairpoint-Bethesda complex, 12 to 20 percent slopes, eroded	BfD	Bethesda-fairpoint soils, 12 to 20 percent slopes
HEL	950E2	Fairpoint-Bethesda complex, 20 to 35 percent slopes, eroded	BfE	Bethesda-fairpoint soils, 20 to 35 percent slopes
HEL	726B2	Caneyville silt loam, 2 to 6 percent slopes, eroded	CaB2	Caneyville silt loam, 2 to 6 percent slopes, eroded
HEL	726C2	Caneyville silt loam, 6 to 12 percent slopes, eroded	CaC2	Caneyville silt loam, 6 to 12 percent slopes, eroded
HEL	726C3	Caneyville silty clay loam, 6 to 12 percent slopes, severely eroded	CcC3	Caneyville silty clay loam, 6 to 12 percent slopes, severely eroded
HEL	724D2	Caneyville-Rock outcrop complex, 6 to 20 percent slopes, eroded	CeD	Caneyville-Lenberg complex, 8 to 20 percent slopes
HEL	724D2	Caneyville-Rock outcrop complex, 6 to 20 percent slopes, eroded	CgE	Caneyville-Lenberg-Rock outcrop complex, 20 to 30 percent slopes
HEL	724D2	Caneyville-Rock outcrop complex, 6 to 20 percent slopes, eroded	CkD	Caneyville-Rock outcrop complex, 6 to 20 percent slopes
HEL	724D2	Caneyville-Rock outcrop complex, 6 to 20 percent slopes, eroded	CkE	Caneyville-Rock outcrop complex, 20 to 35 percent slopes
HEL	842E2	Lenberg-Frondorf complex, 20 to 35 percent slopes, eroded	CmD	Carpenter-Lenberg complex, 12 to 20 percent slopes
NHEL	16	Chagrín fine sandy loam	Cn	Chagrín loam, frequently flooded

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HEL	84B2	Zanesville silt loam, 2 to 6 percent slopes, eroded	CoB	Clarkrange silt loam, 2 to 6 percent slopes
HEL	84C2	Zanesville silt loam, 6 to 12 percent slopes, eroded	CoC	Clarkrange silt loam, 6 to 12 percent slopes
NHEL	282	Clifty gravelly silt loam	Cp	Clifty gravelly silt loam, frequently flooded
HEL	74B2	Crider silt loam, 2 to 6 percent slopes, eroded	CrB	Crider silt loam, 2 to 6 percent slopes
HEL	74C2	Crider silt loam, 6 to 12 percent slopes, eroded	CrC2	Crider silt loam, 6 to 12 percent slopes, eroded
	DAM	Large dam	DAM	Large dam
	Dt	Dumps, Mine; tailings;, and Tipples	Dt	Dumps, Mine; tailings;, and Tipples
NHEL	641	Dunning silty clay loam	Du	Dunning silty clay loam, occasionally flooded
NHEL	39B2	Elk silt loam, 2 to 6 percent slopes, eroded	EkB	Elk silt loam, 2 to 6 percent slopes, rarely flooded
HEL	39C2	Elk silt loam, 6 to 12 percent slopes, eroded	EkC	Elk silt loam, 6 to 12 percent slopes, rarely flooded
HEL	735B2	Epley silt loam, 2 to 6 percent slopes, eroded	EpB	Epley silt loam, 2 to 6 percent slopes
HEL	735C2	Epley silt loam, 6 to 12 percent slopes, eroded	EpC	Epley silt loam, 6 to 12 percent slopes
HEL	633B2	Fredonia rocky silt loam, 2 to 6 percent slopes, eroded	FaB	Fredonia-Hagerstown complex, 2 to 6 percent slopes, rocky
HEL	633C2	Fredonia rocky silt loam, 6 to 12 percent slopes, eroded	FaC2	Fredonia-Hagerstown complex, 6 to 20 percent slopes, rocky, eroded
HEL	80C2	Frondorf silt loam, 6 to 12 percent slopes, eroded	FdC2	Frondorf silt loam, 6 to 12 percent slopes, eroded
HEL	80D2	Frondorf silt loam, 12 to 20 percent slopes, eroded	FdD2	Frondorf silt loam, 12 to 20 percent slopes, eroded
HEL	80D3	Frondorf silty clay loam, 12 to 20 percent slopes, severely eroded	FoD3	Frondorf silty clay loam, 12 to 20 percent slopes, severely eroded
HEL	866	Frondorf-Weikert complex, 20 to 50 percent slopes	FwF	Frondorf-Weikert complex, 20 to 50 percent slopes
HEL	721B2	Christian loam, 2 to 6 percent slopes, eroded	GnB2	Gilpin loam, 2 to 6 percent slopes, eroded
HEL	721C2	Christian loam, 6 to 12 percent slopes, eroded	GnC2	Gilpin loam, 6 to 12 percent slopes, eroded
HEL	721C3	Christian clay loam, 6 to 12 percent slopes, severely eroded	GnC3	Gilpin loam, 6 to 12 percent slopes, severely eroded
HEL	721D2	Christian loam, 12 to 20 percent slopes, eroded	GnD2	Gilpin loam, 12 to 20 percent slopes, eroded
HEL	721D3	Christian clay loam, 12 to 20 percent slopes, severely eroded	GnD3	Gilpin loam, 12 to 20 percent slopes, severely eroded
NHEL	15	Grigsby loam	Gr	Grigsby fine sandy loam, frequently flooded
HEL	332D2	Muse silt loam, 12 to 20 percent slopes, eroded	JfD	Jefferson-Lily-Rock outcrop complex, 12 to 20 percent slopes
HEL	332E2	Muse silt loam, 20 to 35 percent slopes, eroded	JfE	Jefferson-Lily-Rock outcrop complex, 20 to 35 percent slopes
NHEL	88	Johnsburg silt loam	Jo	Johnsburg silt loam

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NHEL	217	Karnak silty clay loam	Kb	Karnak silty clay loam, overwash, frequently flooded
NHEL	217	Karnak silty clay loam	Ks	Karnak silty clay, 0 to 2 percent slopes, frequently flooded
HEL	52C2	Rosine silt loam, 6 to 12 percent slopes, eroded	LaC2	Latham silt loam, 6 to 12 percent slopes, eroded
HEL	52D2	Rosine silt loam, 12 to 20 percent slopes, eroded	LaD2	Latham silt loam, 12 to 20 percent slopes, eroded
NHEL	64	Lawrence silt loam	Le	Lawrence silt loam, occasionally flooded
HEL	80C2	Fronrdorf silt loam, 6 to 12 percent slopes, eroded	LnC2	Lenberg silt loam, 6 to 12 percent slopes, eroded
HEL	80D2	Fronrdorf silt loam, 12 to 20 percent slopes, eroded	LnD2	Lenberg silt loam, 12 to 20 percent slopes, eroded
PHEL	83B2	Wellston silt loam, 2 to 6 percent slopes, eroded	LyB	Lily loam, 2 to 6 percent slopes
HEL	80C2	Fronrdorf silt loam, 6 to 12 percent slopes, eroded	LyC2	Lily loam, 6 to 12 percent slopes, eroded
HEL	80D2	Fronrdorf silt loam, 12 to 20 percent slopes, eroded	LyD2	Lily loam, 12 to 20 percent slopes, eroded
NHEL	117	Melvin silt loam	Me	Melvin silt loam, frequently flooded
NHEL	316	Robertsville silt loam	Mu	Mullins silt loam
NHEL	112	Newark silt loam	Ne	Newark silt loam, frequently flooded
NHEL	10	Nolin silt loam	No	Nolin silt loam, 0 to 2 percent slopes, frequently flooded
HEL	306C	Bedford silt loam, 6 to 12 percent slopes	OtC	Otwell silt loam, 6 to 12 percent slopes, rarely flooded
HEL	306B	Bedford silt loam, 2 to 6 percent slopes	OwB	Otwell silt loam, 2 to 6 percent slopes, occasionally flooded
HEL	74B2	Crider silt loam, 2 to 6 percent slopes, eroded	PeB	Pembroke silt loam, 2 to 6 percent slopes
HEL	74C2	Crider silt loam, 6 to 12 percent slopes, eroded	PeC2	Pembroke silt loam, 6 to 12 percent slopes, eroded
	Pt	Pits, quarries, limestone	Pt	Pits, quarries, limestone
HEL	476B2	Allegheny loam, 2 to 6 percent slopes, eroded	ReB2	Riney silt loam, 2 to 6 percent slopes, eroded
HEL	476C2	Allegheny loam, 6 to 12 percent slopes, eroded	ReC2	Riney silt loam, 6 to 12 percent slopes, eroded
HEL	476D2	Allegheny loam, 12 to 20 percent slopes, eroded	ReD2	Riney silt loam, 12 to 20 percent slopes, eroded
HEL	52B2	Rosine silt loam, 2 to 6 percent slopes eroded	RoB	Rosine silt loam, 2 to 6 percent slopes
HEL	52C2	Rosine silt loam, 6 to 12 percent slopes, eroded	RoC2	Rosine silt loam, 6 to 12 percent slopes, eroded
HEL	52D2	Rosine silt loam, 12 to 20 percent slopes, eroded	RoD2	Rosine silt loam, 12 to 20 percent slopes, eroded
HEL	52C3	Rosine silty clay loam, 6 to 12 percent slopes, severely eroded	RsC3	Rosine silty clay loam, 6 to 12 percent slopes, severely eroded
HEL	52D3	Rosine silty clay loam, 12 to 20 percent slopes, severely eroded	RsD3	Rosine silty clay loam, 12 to 20 percent slopes, severely eroded

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HEL Class*	Frozen symbol	Frozen map unit name	Current symbol	Current map unit name
HEL	86B2	Sadler silt loam, 2 to 6 percent slopes, eroded	SaB	Sadler silt loam, 2 to 6 percent slopes
HEL	476B2	Allegheny loam, 2 to 6 percent slopes, eroded	ScB	Sciotoville silt loam, 2 to 6 percent slopes
HEL	476C2	Allegheny loam, 6 to 12 percent slopes, eroded	ScC2	Sciotoville silt loam, 6 to 12 percent slopes, eroded
HEL	332D2	Muse silt loam, 12 to 20 percent slopes, eroded	SgD2	Shelocta-Latham-Gilpin complex, 12 to 20 percent slopes, eroded
HEL	332D3	Muse silty clay loam, 12 to 20 percent slopes, severely eroded	SgD3	Shelocta-Latham-Gilpin complex, 12 to 20 percent slopes, severely eroded
HEL	332E2	Muse silt loam, 20 to 35 percent slopes, eroded	SgE	Shelocta-Latham-Gilpin complex, 20 to 30 percent slopes
	W	Water	W	Water
PHEL	83B2	Wellston silt loam, 2 to 6 percent slopes, eroded	WeB	Wellston silt loam, 2 to 6 percent slopes
HEL	83C2	Wellston silt loam, 6 to 12 percent slopes, eroded	WeC2	Wellston silt loam, 6 to 12 percent slopes, eroded
HEL	83D	Wellston silt loam, 12 to 20 percent slopes	WeD	Wellston silt loam, 12 to 20 percent slopes
HEL	83C3	Wellston silty clay loam, 6 to 12 percent slopes, severely eroded	WcC3	Wellston silty clay loam, 6 to 12 percent slopes, severely eroded
HEL	84B2	Zanesville silt loam, 2 to 6 percent slopes, eroded	ZaB	Zanesville silt loam, 2 to 6 percent slopes
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