

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

HEL Class*	Frozen symbol	Frozen map unit name	Current symbol	Current map unit name
HEL	Bs	Brandon silt loam	BdD2	Brandon-Purchase-Smithdale complex, 12 to 20 percent slopes, eroded
HEL	Bsd	Brandon silt loam, eroded phase	BdD2	Brandon-Purchase-Smithdale complex, 12 to 20 percent slopes, eroded
HEL	Bca	Brandon silty clay loam, severely eroded steep phase, 18 to 40 percent slopes	BnE2	Brandon-Saffell-Smithdale complex, 20 to 35 percent slopes, eroded
HEL	Bsz	Brandon silt loam, steep phase, 18 to 40 percent slopes	BnE2	Brandon-Saffell-Smithdale complex, 20 to 35 percent slopes, eroded
HEL	Bcy	Brandon silty clay loam, severely eroded phase, 10 to 18 percent slopes	BsD3	Brandon-Smithdale complex, 12 to 20 percent slopes, severely eroded
NHEL	Cs	Calloway silt loam	CaA	Calloway silt loam, 0 to 3 percent slopes
NHEL	Gsp	Grenada silt loam, level phase, 0 to 2 percent slopes	CeA	Center silt loam, 1 to 3 percent slopes
NHEL	Bd	Briensburg silt loam	Cn	Collins silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
NHEL	Co	Collins silt loam	Cn	Collins silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
NHEL	Co	Collins silt loam	Co	Collins silt loam, frequently flooded
NHEL	Co	Collins silt loam	Cu	Collins-Iuka complex, occasionally flooded
NHEL	El	Eupora silt loam	Cu	Collins-Iuka complex, occasionally flooded
NHEL	Hm	Hymon silt loam	Cu	Collins-Iuka complex, occasionally flooded
	DAM	Large dam	DAM	Large dam
NHEL	Dy	Dyer silt loam	Fa	Falaya silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
NHEL	Ws	Waverly silt loam	Fa	Falaya silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
NHEL	Ws	Waverly silt loam	Ff	Falaya silt loam, frequently flooded
HEL	Msu	Memphis silt loam, undulating phase, 2 to 5 percent slopes	FnB2	Feliciana silt loam, 2 to 6 percent slopes, eroded
HEL	Mse	Memphis silt loam, eroded undulating phase, 2 to 5 percent slopes	FnB2	Feliciana silt loam, 2 to 6 percent slopes, eroded
HEL	Ms	Memphis silt loam, 5 to 10 percent slopes	FnC2	Feliciana silt loam, 6 to 12 percent slopes, eroded
HEL	Msd	Memphis silt loam, eroded phase, 5 to 10 percent slopes	FnC2	Feliciana silt loam, 6 to 12 percent slopes, eroded
NHEL	Gsp	Grenada silt loam, level phase, 0 to 2 percent slopes	GrA	Grenada silt loam, 0 to 2 percent slopes
HEL	Gs	Grenada silt loam, 2 to 5 percent slopes	GrB2	Grenada silt loam, 2 to 6 percent slopes, eroded
HEL	Gsd	Grenada silt loam, eroded phase, 2 to 5 percent slopes	GrB2	Grenada silt loam, 2 to 6 percent slopes, eroded
HEL	Rgl	Rough gullied land (Lexington soil material)	GuE	Gullied land-Smithdale-Feliciana complex, 15 to 55 percent slopes
NHEL	Cs	Calloway silt loam	KrA	Kurk silt loam, 0 to 2 percent slopes
HEL	Lg	Loring silt loam, 2 to 5 percent slopes	LoB2	Loring silt loam, 2 to 6 percent slopes, eroded

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HEL	Lgd	Loring silt loam, eroded phase, 2 to 5 percent slopes	LoB2	Loring silt loam, 2 to 6 percent slopes, eroded
HEL	Lgr	Loring silt loam, rolling phase, 5 to 10 percent slopes	LoC2	Loring silt loam, 6 to 12 percent slopes, eroded
HEL	Lgn	Loring silt loam, eroded rolling phase, 5 to 10 percent slopes	LoC2	Loring silt loam, 6 to 12 percent slopes, eroded
NHEL	Ca	Carroll silt loam	NaA	Natalbany silt loam, 0 to 2 percent slopes
HEL	D	Ditches and spoil banks	Pd	Pits-Dumps-Udorthents complex
HEL	M	Mine dump	Pd	Pits-Dumps-Udorthents complex
HEL	Ps	Providence silt loam, 5 to 10 percent slopes	PeC3	Providence-Purchase complex, 6 to 12 percent slopes, severely eroded
HEL	Psd	Providence silt loam, eroded phase, 5 to 10 percent slopes	PeC3	Providence-Purchase complex, 6 to 12 percent slopes, severely eroded
HEL	Pcy	Providence silty clay loam, severely eroded phase, 5 to 10 percent slopes	PeC3	Providence-Purchase complex, 6 to 12 percent slopes, severely eroded
HEL	Ps	Providence silt loam, 5 to 10 percent slopes	PfC2	Providence-Loring-Feliciana complex, 2 to 12 percent slopes, eroded
HEL	Psd	Providence silt loam, eroded phase, 5 to 10 percent slopes	PfC2	Providence-Loring-Feliciana complex, 2 to 12 percent slopes, eroded
HEL	Psl	Providence silt loam, hilly phase, 10 to 18 percent slopes	PmD3	Providence-Smithdale complex, 12 to 20 percent slopes, severely eroded
HEL	Psh	Providence silt loam, eroded hilly phase, 10 to 18 percent slopes	PmD3	Providence-Smithdale complex, 12 to 20 percent slopes, severely eroded
HEL	Pcy	Providence silty clay loam, severely eroded hilly phase, 10 to 18 percent slopes	PmD3	Providence-Smithdale complex, 12 to 20 percent slopes, severely eroded
HEL	Lcv	Loring silty clay loam, severely eroded phase, 10 to 18 percent slopes	PrD3	Purchase silt loam, 12 to 20 percent slopes, severely eroded
HEL	Lcs	Loring silty clay loam, severely eroded rolling phase, 5 to 10 percent slopes	PsC3	Purchase-Brandon complex, 6 to 12 percent slopes, severely eroded
HEL	Lcy	Loring silty clay loam, severely eroded phase, 2 to 5 percent slopes	PuB3	Purchase-Loring complex, 4 to 6 percent slopes, severely eroded
HEL	Lcs	Loring silty clay loam, severely eroded rolling phase, 5 to 10 percent slopes	PuC3	Purchase-Loring complex, 6 to 12 percent slopes, severely eroded
NHEL	Bm	Beechy loam	Ro	Rosebloom silt loam, frequently flooded
NHEL	F1	Foltz silt loam	Ro	Rosebloom silt loam, frequently flooded
NHEL	Ws	Waverly silt loam	Ro	Rosebloom silt loam, frequently flooded
NHEL	Wsm	Waverly silt loam, swamp phase	Rp	Rosebloom silt loam, ponded
NHEL	Cl	Calhoun silt loam	RtA	Routon silt loam, 0 to 2 percent slopes
NHEL	Hs	Henry silt loam	RtA	Routon silt loam, 0 to 2 percent slopes
HEL	Ig	Iola gravelly loam, 0 to 10 percent slopes	SaC	Saffell gravelly sandy loam, 2 to 10 percent slopes

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HEL	LA	Lexington-Atwood loams, 18 to 40 percent slopes	SmE2	Smithdale sandy loam, 20 to 45 percent slopes, eroded
HEL	Lad	Lexington-Atwood loams, eroded phase, 18 to 40 percent slopes	SmE2	Smithdale sandy loam, 20 to 45 percent slopes, eroded
HEL	Lay	Lexington-Atwood clay loams, severely eroded phase, 18 to 40 percent slopes	SmE2	Smithdale sandy loam, 20 to 45 percent slopes, eroded
HEL	Lad	Lexington-Atwood loams, eroded phase, 18 to 40 percent slopes	SsE2	Smithdale-Saffell complex, 35 to 55 percent slopes, eroded
HEL	Lay	Lexington-Atwood clay loams, severely eroded phase, 18 to 40 percent slopes	SsE2	Smithdale-Saffell complex, 35 to 55 percent slopes, eroded
	UdC	Udorthents-Urban land complex, 5 to 25 percent slopes	UdC	Udorthents-Urban land complex, 5 to 25 percent slopes
	UrB	Urban land-Udorthents complex, 2 to 8 percent slopes	UrB	Urban land-Udorthents complex, 2 to 8 percent slopes
NHEL	Al	Alva loam	Vb	Vicksburg silt loam, occasionally flooded
NHEL	Sl	Shannon loam	Vb	Vicksburg silt loam, occasionally flooded
NHEL	Ts	Tigrett silt loam	Vb	Vicksburg silt loam, occasionally flooded
NHEL	Vs	Vicksburg silt loam	Vb	Vicksburg silt loam, occasionally flooded
	W	Water	W	Water
NHEL	Ws	Waverly silt loam	Wa	Waverly silt loam, occasionally flooded

HEL Class*

HEL = Highly Erodible Land

NHEL = Not Highly Erodible Land

PHEL = Potentially Highly Erodible Land