

# Soils Report

Contact your local District Conservationist for site specific assistance

## Paths and Trails - Dominant Condition

Paths and trails are used for walking, horseback riding, and similar uses and require little or no cutting or filling. The soils are rated based on the properties and qualities that influence trafficability and erodibility.

**Soil Survey: Knott and Letcher Counties, Kentucky**

**Survey Status: -**

**Correlation Date: 03/01/1997**

**Distribution Date: 12/08/2004**

### Map

Symbol	Soil Name	Rating	Dominant Component(s) and Reason(s)
AIC	Allegheny loam, 2 to 15 percent slopes	Not limited	
AtF	Alticrest-Ramsey-Wallen complex, 20 to 55 percent slopes, rocky	Very limited	Component - Alticrest (35%) • Slope Component - Ramsey (30%) • Slope Component - Wallen (20%) • Slope
BcG	Berks-Caneyville complex, 50 to 120 percent slopes, very rocky	Very limited	Component - Berks (50%) • Slope Component - Caneyville (20%) • Slope • Water erosion
CbF	Caneyville-Renox-Bledsoe complex, 50 to 80 percent slope, extremely stony	Very limited	Component - Caneyville (30%) • Slope • Water erosion • Too Stony Component - Renox (30%) • Slope • Too Stony Component - Bledsoe (25%) • Slope • Water erosion • Too Stony
CgF	Cloverlick-Guyandotte-Highsplint complex, 35 to 80 percent slopes, very stony	Very limited	Component - Cloverlick (45%) • Slope • Too Stony Component - Guyandotte (20%) • Slope • Too Stony Component - Highsplint (20%) • Slope • Too Stony
CkF	Cloverlick-Kimper-Highsplint complex, 30 to	Very limited	Component - Kimper (30%) • Slope

	65 percent slopes, very stony		<ul style="list-style-type: none"> <li>• Too Stony</li> </ul>
			Component - Cloverlick (30%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			<ul style="list-style-type: none"> <li>• Too Stony</li> </ul>
			Component - Highsplint (20%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			<ul style="list-style-type: none"> <li>• Too Stony</li> </ul>
CsF	Cloverlick-Shelocta-Kimper complex, 20 to 70 percent slopes, stony	Very limited	Component - Shelocta (30%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			Component - Cloverlick (30%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			Component - Kimper (20%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
DAM	Dam, large earthen	Not rated	Component - Dam (100%)
			<ul style="list-style-type: none"> <li>• Not rated; Surface Fragments &gt; 75mm</li> <li>• Not rated; Sieve size, 3 to 10", &gt; 10"</li> <li>• Not rated; Slope</li> <li>• Not rated; Unified</li> <li>• Not rated; % surface sand or clay</li> </ul>
DgF	Dekalb-Gilpin-Marrowbone complex, 20 to 80 percent slopes, very rocky	Very limited	Component - Dekalb (35%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			Component - Gilpin (25%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			Component - Marrowbone (15%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
DrF	Dekalb-Gilpin-Rayne complex, 25 to 65 percent slopes, very rocky	Very limited	Component - Dekalb (40%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			Component - Rayne (20%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			Component - Gilpin (20%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
FaF	Fedscreek-Shelocta-Handshoe complex, 30 to 80 percent slopes, very stony	Very limited	Component - Shelocta (30%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			<ul style="list-style-type: none"> <li>• Too Stony</li> </ul>
			Component - Fedscreek (30%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			<ul style="list-style-type: none"> <li>• Too Stony</li> </ul>
			Component - Handshoe (25%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			<ul style="list-style-type: none"> <li>• Too Stony</li> </ul>
FkE	Fiveblock and Kaymine soils, 0 to 30 percent slopes, stony	Not limited	
GID	Gilpin-Shelocta complex, 12 to 25 percent slopes	Somewhat limited	Component - Gilpin (40%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			Component - Shelocta (35%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
GmF	Gilpin-Summers-Kimper complex, 20 to 55 percent slopes, very stony	Very limited	Component - Gilpin (30%)
			<ul style="list-style-type: none"> <li>• Slope</li> </ul>
			<ul style="list-style-type: none"> <li>• Too Stony</li> </ul>
Gr	Grigsby sandy loam,	Not limited	

GuB	occasionally flooded Grigsby-Urban land complex, 0 to 6 percent slopes, occasionally flooded	Not limited	
HaF	Handshoe-Feds creek- Marrowbone complex, 30 to 80 percent slopes, very stony	Very limited	Component - Handshoe (35%) • Slope • Too Stony Component - Feds creek (25%) • Slope • Too Stony Component - Marrowbone (15%) • Slope • Too Stony
HeF	Helechawa-Varilla- Jefferson complex, 35 to 75 percent slopes, very rocky	Very limited	Component - Helechawa (27%) • Slope • Too Stony Component - Varilla (27%) • Slope • Too Stony Component - Jefferson (20%) • Slope • Too Stony
HsF	Highsplint-Shelocta- DeKalb complex, 35 to 80 percent slopes, very stony	Very limited	Component - Highsplint (35%) • Slope • Too Stony Component - Shelocta (25%) • Slope • Too Stony Component - DeKalb (15%) • Slope • Too Stony
HtF	Highsplint-Shelocta-Muse complex, 30 to 80 percent slopes, extremely stony	Very limited	Component - Highsplint (30%) • Slope • Too Stony Component - Shelocta (25%) • Slope • Too Stony Component - Muse (15%) • Slope • Water erosion • Too Stony
Hy	Holly loam, frequently flooded	Very limited	Component - Holly (85%) • Depth to saturated zone • Flooding
ImF	Itmann very channery sandy loam, 4 to 80 percent slopes	Very limited	Component - Itmann (90%) • Slope
KfF	Kaymine, Fairpoint, and Fiveblock soils, benched, 2 to 70 percent slopes, very	Very limited	Component - Kaymine (40%) • Slope • Too Stony

	stony		<ul style="list-style-type: none"> <li>Component - Fairpoint (20%) <ul style="list-style-type: none"> <li>• Slope</li> <li>• Too Stony</li> </ul> </li> <li>Component - Fiveblock (15%) <ul style="list-style-type: none"> <li>• Slope</li> <li>• Too Stony</li> </ul> </li> <li>Component - Kimper (30%) <ul style="list-style-type: none"> <li>• Slope</li> <li>• Too Stony</li> </ul> </li> <li>Component - Cloverlick (25%) <ul style="list-style-type: none"> <li>• Slope</li> <li>• Too Stony</li> </ul> </li> <li>Component - Renox (20%) <ul style="list-style-type: none"> <li>• Slope</li> <li>• Too Stony</li> </ul> </li> </ul>
KrF	Kimper-Cloverlick-Renox complex, 30 to 80 percent slopes, extremely stony	Very limited	
Pt	Pits, quarries	Not rated	<ul style="list-style-type: none"> <li>Component - Pits, quarries (100%) <ul style="list-style-type: none"> <li>• Not rated; Surface Fragments &gt; 75mm</li> <li>• Not rated; Sieve size, 3 to 10", &gt; 10"</li> <li>• Not rated; Slope</li> <li>• Not rated; Unified</li> <li>• Not rated; % surface sand or clay</li> </ul> </li> </ul>
RgB	Rowdy-Grigsby complex, 0 to 4 percent slopes, occasionally flooded	Not limited	
ShF	Shelocta-Highsplint complex, 30 to 65 percent slopes, very stony	Very limited	<ul style="list-style-type: none"> <li>Component - Shelocta (55%) <ul style="list-style-type: none"> <li>• Slope</li> <li>• Too Stony</li> </ul> </li> <li>Component - Highsplint (25%) <ul style="list-style-type: none"> <li>• Slope</li> <li>• Too Stony</li> </ul> </li> </ul>
SmF	Shelocta-Muse complex, 15 to 50 percent slopes, very stony	Very limited	<ul style="list-style-type: none"> <li>Component - Shelocta (45%) <ul style="list-style-type: none"> <li>• Slope</li> <li>• Too Stony</li> </ul> </li> <li>Component - Muse (35%) <ul style="list-style-type: none"> <li>• Water erosion</li> <li>• Slope</li> <li>• Too Stony</li> </ul> </li> </ul>
UdE	Udorthents-Urban land complex, steep	Not rated	<ul style="list-style-type: none"> <li>Component - Udorthents (60%) <ul style="list-style-type: none"> <li>• Not rated; Surface Fragments &gt; 75mm</li> <li>• Not rated; Sieve size, 3 to 10", &gt; 10"</li> <li>• Not rated; Unified</li> <li>• Not rated; % surface sand or clay</li> <li>• Not rated; Surface clay percent or taxonomic class</li> </ul> </li> <li>Component - Urban land (25%) <ul style="list-style-type: none"> <li>• Not rated; Surface Fragments &gt; 75mm</li> <li>• Not rated; Sieve size, 3 to 10", &gt; 10"</li> <li>• Not rated; Unified</li> <li>• Not rated; % surface sand or clay</li> <li>• Not rated; Surface clay percent or taxonomic class</li> </ul> </li> </ul>
UrC	Urban land-Udorthents	Not rated	<ul style="list-style-type: none"> <li>Component - Urban land (60%)</li> </ul>

	complex, 0 to 15 percent slopes		<ul style="list-style-type: none"> <li>• Not rated; Surface Fragments &gt; 75mm</li> <li>• Not rated; Sieve size, 3 to 10", &gt; 10"</li> <li>• Not rated; Unified</li> <li>• Not rated; % surface sand or clay</li> <li>• Not rated; Surface clay percent or taxonomic class Component - Udorthents (25%)</li> <li>• Not rated; Surface Fragments &gt; 75mm</li> <li>• Not rated; Sieve size, 3 to 10", &gt; 10"</li> <li>• Not rated; Unified</li> <li>• Not rated; % surface sand or clay</li> <li>• Not rated; Surface clay percent or taxonomic class Component - Urban land (40%)</li> <li>• Not rated; Surface Fragments &gt; 75mm</li> <li>• Not rated; Sieve size, 3 to 10", &gt; 10"</li> <li>• Not rated; Unified</li> <li>• Not rated; % surface sand or clay</li> <li>• Not rated; Surface clay percent or taxonomic class Component - Udorthents (30%)</li> <li>• Not rated; Surface Fragments &gt; 75mm</li> <li>• Not rated; Sieve size, 3 to 10", &gt; 10"</li> <li>• Not rated; Unified</li> <li>• Not rated; % surface sand or clay</li> <li>• Not rated; Surface clay percent or taxonomic class Component - Varilla (40%)</li> <li>• Slope</li> <li>• Too Stony</li> <li>Component - Jefferson (25%)</li> <li>• Slope</li> <li>• Too Stony</li> <li>Component - Alticrest (15%)</li> <li>• Slope</li> <li>• Too Stony</li> <li>Component - Water (100%)</li> <li>• Not rated; Surface Fragments &gt; 75mm</li> <li>• Not rated; Sieve size, 3 to 10", &gt; 10"</li> <li>• Not rated; Slope</li> <li>• Not rated; Unified</li> <li>• Not rated; % surface sand or clay</li> </ul>
UuB	Urban land-Udorthents-Grigsby complex, 0 to 6 percent slopes, rarely flooded	Not rated	
VaF	Varilla-Jefferson-Alticrest complex, 35 to 75 percent slopes, very rocky	Very limited	
W	Water	Not rated	