
Soils Report

Contact your local District Conservationist for site specific assistance

Picnic Areas - Dominant Condition

Picnic areas are natural or landscaped tracts used primarily for preparing meals and eating outdoors. These areas are subject to heavy foot traffic. Most vehicular traffic is confined to access roads and parking lots. Soils are rated on the basis of properties that influence the development costs of shaping the site, trafficability, and the growth of vegetation after development.

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 | Somewhat limited | Component - Allegheny (80%) • Slope |
| AtF | Alticrest-Ramsey-Wallen complex, 20 to 55 percent slopes, rocky | Very limited | Component - Alticrest (35%) • Slope Component - Ramsey (30%) • Slope • Depth to bedrock Component - Wallen (20%) • Slope • Gravel content |
| BcG | Berks-Caneyville complex, 50 to 120 percent slopes, very rocky | Very limited | Component - Berks (50%) • Slope • Gravel content Component - Caneyville (20%) • Slope • Restricted permeability |
| CbF | Caneyville-Renox-Bledsoe complex, 50 to 80 percent slope, extremely stony | Very limited | Component - Caneyville (30%) • Slope • Too Stony • Restricted permeability Component - Renox (30%) • Slope • Too Stony Component - Bledsoe (25%) • Slope • Too Stony • Restricted permeability |
| CgF | Cloverlick-Guyandotte-Highsplint complex, 35 to 80 percent slopes, very stony | Very limited | Component - Cloverlick (45%) • Slope • Too Stony • Gravel content Component - Guyandotte (20%) • Slope • Gravel content |

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| CkF | Cloverlick-Kimper-Highsplint complex, 30 to 65 percent slopes, very stony | Very limited | <ul style="list-style-type: none"> • Too Stony Component - Highsplint (20%) • Slope • Too Stony • Gravel content Component - Kimper (30%) • Slope • Too Stony Component - Cloverlick (30%) • Slope • Too Stony • Gravel content Component - Highsplint (20%) • Slope • Too Stony • Gravel content |
| CsF | Cloverlick-Shelocta-Kimper complex, 20 to 70 percent slopes, stony | Very limited | <ul style="list-style-type: none"> Component - Shelocta (30%) • Slope Component - Cloverlick (30%) • Slope • Gravel content Component - Kimper (20%) • Slope |
| DAM | Dam, large earthen | Not rated | <ul style="list-style-type: none"> Component - Dam (100%) • Not rated; Surface Fragments > 75mm • Not rated; Surface clay percent or taxonomic class • Not rated; % surface sand or clay • Not rated; Taxonomic or texture class • Not rated; Slope |
| DgF | Dekalb-Gilpin-Marrowbone complex, 20 to 80 percent slopes, very rocky | Very limited | <ul style="list-style-type: none"> Component - Dekalb (35%) • Slope • Gravel content Component - Gilpin (25%) • Slope Component - Marrowbone (15%) • Slope |
| DrF | Dekalb-Gilpin-Rayne complex, 25 to 65 percent slopes, very rocky | Very limited | <ul style="list-style-type: none"> Component - Dekalb (40%) • Slope • Gravel content Component - Rayne (20%) • Slope Component - Gilpin (20%) • Slope |
| FaF | Fedscreek-Shelocta-Handshoe complex, 30 to 80 percent slopes, very stony | Very limited | <ul style="list-style-type: none"> Component - Shelocta (30%) • Slope • Too Stony Component - Fedscreek (30%) • Slope • Too Stony Component - Handshoe (25%) |

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| FkE | Fiveblock and Kaymine soils, 0 to 30 percent slopes, stony | Very limited | <ul style="list-style-type: none"> • Slope • Gravel content • Too Stony Component - Fiveblock (40%) <ul style="list-style-type: none"> • Slope • Gravel content Component - Kaymine (40%) |
| GID | Gilpin-Shelocta complex, 12 to 25 percent slopes | Very limited | <ul style="list-style-type: none"> • Slope • Gravel content Component - Gilpin (40%) <ul style="list-style-type: none"> • Slope Component - Shelocta (35%) <ul style="list-style-type: none"> • Slope Component - Gilpin (30%) |
| GmF | Gilpin-Summers-Kimper complex, 20 to 55 percent slopes, very stony | Very limited | <ul style="list-style-type: none"> • Slope • Too Stony Component - Summers (25%) <ul style="list-style-type: none"> • Slope • Too Stony Component - Kimper (20%) <ul style="list-style-type: none"> • Slope • Too Stony |
| Gr | Grigsby sandy loam, occasionally flooded | Not limited | |
| GuB | Grigsby-Urban land complex, 0 to 6 percent slopes, occasionally flooded | Not limited | |
| HaF | Handshoe-Fedscreek-Marrowbone complex, 30 to 80 percent slopes, very stony | Very limited | Component - Handshoe (35%) <ul style="list-style-type: none"> • Slope • Too Stony Component - Fedscreek (25%) <ul style="list-style-type: none"> • Slope • Too Stony Component - Marrowbone (15%) <ul style="list-style-type: none"> • Slope • Too Stony |
| HeF | Helechawa-Varilla-Jefferson complex, 35 to 75 percent slopes, very rocky | Very limited | Component - Helechawa (27%) <ul style="list-style-type: none"> • Slope • Too Stony Component - Varilla (27%) <ul style="list-style-type: none"> • Slope • Too Stony Component - Jefferson (20%) <ul style="list-style-type: none"> • Slope • Too Stony |
| HsF | Highsplint-Shelocta-Dekalb complex, 35 to 80 | Very limited | Component - Highsplint (35%) <ul style="list-style-type: none"> • Slope |

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| | percent slopes, very stony | | <ul style="list-style-type: none"> • Too Stony • Gravel content |
| | | | Component - Shelocta (25%) |
| | | | <ul style="list-style-type: none"> • Slope • Too Stony • Gravel content |
| | | | Component - Dekalb (15%) |
| | | | <ul style="list-style-type: none"> • Slope • Too Stony • Gravel content |
| HtF | Highsplint-Shelocta-Muse complex, 30 to 80 percent slopes, extremely stony | Very limited | Component - Highsplint (30%) |
| | | | <ul style="list-style-type: none"> • Slope • Too Stony • Gravel content |
| | | | Component - Shelocta (25%) |
| | | | <ul style="list-style-type: none"> • Slope • Too Stony • Gravel content |
| | | | Component - Muse (15%) |
| | | | <ul style="list-style-type: none"> • Slope • Too Stony • Restricted permeability |
| Hy | Holly loam, frequently flooded | Very limited | Component - Holly (85%) |
| | | | <ul style="list-style-type: none"> • Depth to saturated zone • Flooding |
| ImF | Itmann very channery sandy loam, 4 to 80 percent slopes | Very limited | Component - Itmann (90%) |
| | | | <ul style="list-style-type: none"> • Gravel content • Slope |
| KfF | Kaymine, Fairpoint, and Fiveblock soils, benched, 2 to 70 percent slopes, very stony | Very limited | Component - Kaymine (40%) |
| | | | <ul style="list-style-type: none"> • Slope • Gravel content • Too Stony |
| | | | Component - Fairpoint (20%) |
| | | | <ul style="list-style-type: none"> • Slope • Too Stony • Restricted permeability |
| | | | Component - Fiveblock (15%) |
| | | | <ul style="list-style-type: none"> • Slope • Too Stony • Gravel content |
| KrF | Kimper-Cloverlick-Renox complex, 30 to 80 percent slopes, extremely stony | Very limited | Component - Kimper (30%) |
| | | | <ul style="list-style-type: none"> • Slope • Too Stony |
| | | | Component - Cloverlick (25%) |
| | | | <ul style="list-style-type: none"> • Slope • Too Stony • Gravel content |
| | | | Component - Renox (20%) |
| | | | <ul style="list-style-type: none"> • Slope |

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| Pt | Pits, quarries | Not rated | <ul style="list-style-type: none"> • Too Stony Component - Pits, quarries (100%) <ul style="list-style-type: none"> • Not rated; Surface Fragments > 75mm • Not rated; Surface clay percent or taxonomic class • Not rated; % surface sand or clay • Not rated; Taxonomic or texture class • Not rated; Slope |
| 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 | Component - Shelocta (55%) <ul style="list-style-type: none"> • Slope • Too Stony Component - Highsplint (25%) <ul style="list-style-type: none"> • Slope • Too Stony • Gravel content |
| SmF | Shelocta-Muse complex, 15 to 50 percent slopes, very stony | Very limited | Component - Shelocta (45%) <ul style="list-style-type: none"> • Slope • Too Stony • Gravel content Component - Muse (35%) <ul style="list-style-type: none"> • Slope • Restricted permeability • Too Stony |
| UdE | Udorthents-Urban land complex, steep | Not rated | Component - Udorthents (60%) <ul style="list-style-type: none"> • Not rated; Surface Fragments > 75mm • Not rated; Surface clay percent or taxonomic class • Not rated; % surface sand or clay • Not rated; Ksat or taxonomic class • Not rated; Unified Component - Urban land (25%) <ul style="list-style-type: none"> • Not rated; Surface Fragments > 75mm • Not rated; Surface clay percent or taxonomic class • Not rated; % surface sand or clay • Not rated; Taxonomic or texture class • Not rated; Ksat or taxonomic class |
| UrC | Urban land-Udorthents complex, 0 to 15 percent slopes | Not rated | Component - Urban land (60%) <ul style="list-style-type: none"> • Not rated; Surface Fragments > 75mm • Not rated; Surface clay percent or taxonomic class • Not rated; % surface sand or clay • Not rated; Taxonomic or texture class • Not rated; Ksat or taxonomic class Component - Udorthents (25%) <ul style="list-style-type: none"> • Not rated; Surface Fragments > 75mm • Not rated; Surface clay percent or taxonomic class • Not rated; % surface sand or clay • Not rated; Ksat or taxonomic class • Not rated; Unified |
| UuB | Urban land-Udorhtents- | Not rated | Component - Urban land (40%) |

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| | Grigsby complex, 0 to 6 percent slopes, rarely flooded | | <ul style="list-style-type: none"> • Not rated; Surface Fragments > 75mm • Not rated; Surface clay percent or taxonomic class • Not rated; % surface sand or clay • Not rated; Taxonomic or texture class • Not rated; Ksat or taxonomic class |
| VaF | Varilla-Jefferson-Alticrest complex, 35 to 75 percent slopes, very rocky | Very limited | <p>Component - Udorthents (30%)</p> <ul style="list-style-type: none"> • Not rated; Surface Fragments > 75mm • Not rated; Surface clay percent or taxonomic class • Not rated; % surface sand or clay • Not rated; Ksat or taxonomic class • Not rated; Unified <p>Component - Varilla (40%)</p> <ul style="list-style-type: none"> • Slope • Too Stony • Gravel content <p>Component - Jefferson (25%)</p> <ul style="list-style-type: none"> • Slope • Too Stony <p>Component - Alticrest (15%)</p> <ul style="list-style-type: none"> • Slope • Too Stony |
| W | Water | Not rated | <p>Component - Water (100%)</p> <ul style="list-style-type: none"> • Not rated; Surface Fragments > 75mm • Not rated; Surface clay percent or taxonomic class • Not rated; % surface sand or clay • Not rated; Taxonomic or texture class • Not rated; Slope |