

Major Land Resource Area 122X Highland Rim and Pennyroyal

Accessed: 06/21/2026

Ecological site keys

MLRA 122

I. Thermic soil temperature regime

A. Uplands

1. Loess cap

i. **Loess Veneered Thermic Uplands** ... F122XY023TN – Loess Veneered Thermic Uplands

ii. **Loess Veneered Depressional Uplands** ... F122XY024TN – Loess Veneered Depressional Uplands

2. No Loess cap

i. **Cherty Limestone Escarpment** ... F122XY020TN – Cherty Limestone Escarpment

B. Footslopes

1. **Gravelly Colluvial Footslopes** ... F122XY022TN – Gravelly Colluvial Footslopes

C. Terraces

1. No Fragipan

i. **Clayey Limestone Terraces and Uplands** ... F122XY026TN – Clayey Limestone Terraces And Uplands

ii. **Loamy Terraces** ... F122XY027TN – Loamy Terraces

2. Fragipan

i. **Tennessee River Fragipan Terraces** ... F122XY029TN – Tennessee River Fragipan Terraces

ii. **SWPD Fragipan Terraces and Uplands**

D. Floodplains

1. **Moderately Well Drained** ... F122XY030TN – Moderately Well Drained Loamy Alluvium

2. **Poorly Drained** ... F122XY031TN – Poorly Drained Thermic Alluvium

3. **Excessively Drained** ... F122XY032TN – Sandy Alluvium

4. **Well Drained, Loamy** ... F122XY033TN – Well Drained Loamy Alluvium

5. **Well Drained, Gravelly** ... F122XY034TN – Well Drained Gravelly Alluvium

II. Mesic soil temperature regime

A. Uplands

1. Fragipan

i. **Moderately Well Drained Fragipan Uplands** ... F122XY006KY – Moderately Well Drained Fragipan Uplands

2. No Fragipan

i. **Depth: Moderately Deep** ... F122XY005KY – Moderately Deep Well Drained Uplands

ii. **Loamy Skeletal** ... F122XY008KY – Loamy Skeletal Uplands

iii. **Loess Veneered** ... F122XY004KY – Loess Veneered Uplands

3. Deep, Well Drained Limestone Uplands

i. **Cherty** ... F122XY001KY – Deep Well Drained Cherty Uplands

ii. **Limestone** ... F122XY002KY – Deep Well Drained Limestone Uplands

iii. **Loamy** ... F122XY003KY – Deep Well Drained Loamy Uplands

4. Shale – Siltstone Parent Material ... F122XY019KY – Well Drained Shale Siltstone Uplands

B. Flats

1. Saturated Flats ... F122XY013KY – Saturated Flats

C. Terraces

1. No Fragipan

i. **Well Drained Terraces** ... F122XY009KY – Well Drained Terraces

2. Fragipan

i. **Moderately Well Drained Fragipan Terraces** ... F122XY010KY – Moderately Well Drained Fragipan Terraces

ii. **SWPD Fragipan Terraces and Uplands** ... F122XY011KY – Somewhat Poorly Drained Fragipan Terraces And Uplands

D. Terrace Lakebeds

1. Somewhat Poorly Drained Terrace Lakebeds ... F122XY012KY – Somewhat Poorly Drained Terrace Lakebeds

E. Floodplains

1. Well Drained Headwaters ... F122XY014KY – Deep Well Drained Cherty Uplands

2. Well Drained Floodplains ... F122XY016KY – Riverbank Loamy Alluvium

3. Somewhat Poorly Floodplains ... F122XY017KY – Moist Alluvium

4. Poorly Drained ... F122XY018KY – Poorly Drained Alluvium

5. Poned Sites ... F122XY015KY – Poned Sites