

Major Land Resource Area 112X

Cherokee Prairies

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Ecological site keys

MLRA 112 ES KEY

I. Drainageway sites

A. Sites located in a water receiving position and move concentrated water

- 1 Site with a water table <24" from soil surface and family particle size is clayey ... R112XY121MO – Wet Upland Drainageway
- 2 Site with a water table >24" from soil surface and family particle size is loamy ... R112XY120MO – Loamy Upland Drainageway

II. Upland Position Sites: (footslopes, summits, shoulders, and backslopes)

A. Soils less than 20 inches (Shallow) to a limestone or sandstone layer

- 1 Soils with >45% sand in the profile ... R112XY105OK – Shallow Sandstone Upland
- 2 All other shallow soils ... R112XY106OK – Shallow Limestone Upland

B. Soils greater than 20 inches to bedrock

- 1 Greater than 35% rock fragments within 20" of the soil surface ... R112XY104KS – Gravelly Upland
- 2 Soils with an abrupt textural change (from silt loam to silty clay or clay) and E horizon (mineral soil) within 24" of the surface ... R112XY101KS – Claypan Upland
- 3 Soils that have no abrupt textural change or restrictive layer
 - a) Soils with a clay content >40% at depths <12 inches ... R112XY102KS – Clayey Upland
 - b) All other upland soils ... R112XY103KS – Loamy Upland

III. Lowland Sites: (flood plain or stream terrace landform)

A. Sites located in a stream terrace position and do not flood

- 1 Soils that have a seasonal or perennial high-water table <24" from surface ... R112XY122OK – Wet Terrace
- 2 All other stream terrace position sites ... R112XY123KS – Loamy Terrace

B. Sites in a floodplain position

- 1 Soils that have seasonal or perennial high-water table <24" from surface and family particle size is Clayey ... R112XY124KS – Wet Floodplain
- 2 Soils that have seasonal or perennial high-water table >24" from surface and family particle size is Loamy ... R112XY125KS – Loamy Floodplain

IV. Mine reclamation

A. Sites that have been mined ... R112XY107KS – Mined Land