

# Major Land Resource Area 102C

## Loess Uplands

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### Ecological site keys

#### MLRA 102C Site Key

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#### I. Run on landscape

Site is a closed depression ... R102CY043NE – SHALLOW MARSH

Site is not a closed depression

Seasonal high water table above 102 centimeters

Site is ponded to saturated ... R102CY044NE – WET LAND

Site has a seasonal water table 0-51 centimeters ... R102CY045NE – WET SUBIRRIGATED

Site has a seasonal water table 51-102 centimeters

Soil effervesces ... R102CY053NE – LIMY SUBIRRIGATED

Soil does not effervesce

Soil has visible salts ... R102CY047NE – SALINE SUBIRRIGATED

Soil has no visible salts ... R102CY046NE – Subirrigated

Seasonal high water table below 102 centimeters

Parent material is sandy alluvium ... R102CY051NE – SANDY LOWLAND

Parent material is not sandy alluvium

Surface texture is clay or silty clay ... R102CY049NE – CLAYEY OVERFLOW

Surface texture is not clay or silty clay

Site is an active floodplain (occasional to frequent flooding) ... R102CY048NE – Loamy Overflow

Site is on a higher landscape position including terraces (rare to no flooding)

Soil texture is sandy loam, loamy sand, or sand ... R102CY051NE – SANDY LOWLAND

Other soil textures ... R102CY050NE – Loamy Lowland

#### II. Run off landscape

Soil depth less than 51 centimeters

Clay or silty clay soil texture ... R102CY060NE – SHALLOW CLAY

Other soil textures ... R102CY061NE – SHALLOW LIMY

Soil depth greater than 51 centimeters

Gravelly within 51 centimeters ... R102CY062NE – SHALLOW TO GRAVEL

Not gravelly within 51 centimeters

**Slope greater than 30 percent ... R102CY063NE – Loess Breaks**

**Slope less than 30 percent**

**Soil effervesces ... R102CY059NE – Limy Upland**

**Soil does not effervesce**

**Soil texture is clay or silty clay ... R102CY057NE – CLAYEY**

**Soil texture is loamy sand, sand, fine sand ... R102CY055NE – SANDS**

**Soil texture is loamy fine sand, sandy loam, fine sandy loam (slope < 4%) ... R102CY054NE – Sandy**

**Soil texture is other than above ... R102CY058NE – Loamy Upland**