

# Major Land Resource Area 095X

## Eastern Wisconsin, Northern Illinois, and Upper Michigan Drift Plain

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### Ecological site keys

#### MLRA 95XA Key

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##### LOWLANDS (floodplains, depressions and flats, and organic soils)"

- I. Organic soil and has a Histic epipedon or is a Histosol ( $\geq 20$  cm of organic soil materials) ... F095XA001WI – Mucky Swamp
- II. Mineral soil (Histic epipedon or Histosol absent)
  - a. Site is located in a Floodplain ... F095XA002WI – Wet Floodplain
  - b. Site is not located in a Floodplain
    - i. Soil is very poorly or poorly drained
      - 1 Soil is sandy in texture ... F095XA003WI – Wet Sandy Lowland
      - 2 Soil is not sandy in texture ... F095XA004WI – Wet Loamy or Clayey Lowland
    - ii. Soil is somewhat poorly drained and not sandy textured
      - a. Soil is sandy textured ... F095XA005WI – Moist Sandy Lowland
      - b. Soil is loamy textured ... F095XA006WI – Moist Loamy Lowland
      - c. Soil is clayey textured ... F095XA007WI – Moist Clayey Lowland

##### UPLANDS (footslopes, backslopes, shoulders and summits)

- I. Site moderately-well, well, or excessively drained
  - a. Soil has bedrock within 200 cm ... F095XA008WI – Shallow Upland
  - b. Soil does not have bedrock contact
    - i. Soil is dominated by sandy textures ... F095XA009WI – Sandy Uplands
    - ii. Soil is dominated by loamy textures ... F095XA010WI – Loamy Upland
    - iii. Soil is dominated by clayey textures ... F095XA011WI – Clayey Upland

#### MLRA 95XB Key

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##### LOWLANDS (floodplains, depressions and flats, and organic soils)

- I. Organic soil and has a Histic epipedon or is a Histosol ( $\geq 20$  cm of organic soil materials) ... F095XB001WI – Mucky Swamp
- II. Mineral soil (Histic epipedon or Histosol absent)
  - a. Site is located in a floodplain ... F095XB002WI – Wet Floodplain
  - 2 Site is not in a Floodplain
    - i. Soil is very poorly or poorly drained
      - a. Soil is sandy in texture (includes somewhat poorly drained sands) ... F095XB003WI – Wet and Moist Sandy Lowland
      - b. Soil is not sandy in texture ... F095XB004WI – Wet Loamy or Clayey Lowland
    - ii. Soil is somewhat poorly drained and not sandy textured ... F095XB005WI – Moist Loamy or Clayey

## Lowland

### UPLANDS (footslopes, backslopes, shoulders, and summits)

- I. Soils are moderately-well, well, or excessively drained
  - a. Soil has bedrock within 200 cm ... F095XB006WI – Shallow Upland
  - b. Soil does not have bedrock contact
    - i. Soil contains carbonates shallower than 100 cm
      - 1 Soil is dominated by loamy textures ... F095XB007WI – Loamy Upland with Carbonates
      - 2 Soil is dominated by clayey textures ... F095XB008WI – Clayey Upland with Carbonates
    - ii. Soil does not contains carbonates shallower than 100 cm
      - 1 Soil is dominated by sandy textures ... F095XB009WI – Sandy Upland
      - 2 Soil is dominated by loamy and clayey textures ... F095XB010WI – Loamy and Clayey Upland