

# Major Land Resource Area 101X Ontario-Erie Plain and Finger Lakes Region

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## Ecological site keys

### MLRA 101 PES Key

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- 1a. Site periodically flooded during the growing season, adjacent to a river or stream
  - 2a. Soil drainage class: well drained ... F101XY001NY – High Floodplain
  - 2b. Soil drainage class: moderately well drained to very poorly drained
    - 3a. Soil drainage class: moderately well drained or somewhat poorly drained ... F101XY002NY – Low Floodplain
    - 3b. Soil drainage class: poorly to very poorly drained ... F101XY003NY – Low Floodplain Depression
- 1b. Site not periodically flooded during the growing season, not adjacent to a river or stream
  - 4a. Substrate with > 20 cm of organic material - Mucky Depression ... F101XY004NY – Mucky Depression
  - 4b. Substrate with < 20 cm of organic material or with no organic material
    - 5a. Parent material glacial outwash, soils mostly coarse to medium textured
      - 6a. Soil drainage class: excessively drained to well drained ... F101XY005NY – Dry Outwash
      - 6b. Soil drainage class: moderately well drained to very poorly drained
        - 7a. Soil drainage class: moderately well drained or somewhat poorly drained ... F101XY006NY – Moist Outwash
        - 7b. Soil drainage class: poorly to very poorly drained ... F101XY007NY – Wet Outwash
    - 5b. Parent material glacial till or glaciolacustrine, soils coarse textured (sandy loams) to fine textured (clays)
      - 8a. Parent material glaciolacustrine, soils moderately coarse textured to fine textured
        - 9a. Soil drainage class: well drained ... F101XY008NY – Well Drained Lake Plain
        - 9b. Soil drainage class: moderately well drained to very poorly drained
          - 10a. Soil drainage class: moderately well drained or somewhat poorly drained ... F101XY009NY – Moist Lake Plain
          - 10b. Soil drainage class: poorly to very poorly drained ... F101XY010NY – Wet Lake Plain Depression
      - 8b. Parent material glacial fill, soils moderately coarse textured to medium textured
        - 11a. Soil drainage class: excessively drained to well drained
          - 12a. Soils shallow (< 50cm) to bedrock ... F101XY011NY – Shallow Till Upland
          - 12b. Soils moderately deep to very deep (> 50cm) to bedrock ... F101XY012NY – Till Upland
        - 11b. Soil drainage class (moderately well drained to very poorly drained)

**13a. Soil drainage class: moderately well drained to somewhat poorly drained ... F101XY013NY – Moist Till**

**13b. Soil drainage class: poorly to very poorly drained ... F101XY014NY – Wet Till Depression**