

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

Accessed: 05/11/2026

Ecological site keys

MLRA 101 PES Key

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