

Major Land Resource Area 094D

Northern Highland Sandy Pitted Outwash

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Ecological site keys

MLRA 94D Key

A. Floodplains and Rarely Flooded Riparian or Shoreland Terraces

I. Frequently flooded site

- a. Organic-mineral stratified alluvium, very poorly drained soils ... F094DY016WI – Mucky Floodplains
- b. Sandy-loamy stratified alluvium, poorly drained soils ... F094DY017WI – Wet Sandy Floodplains

II. Rarely flooded site

- a. Sandy sediments, somewhat poorly drained soils ... F094DY018WI – Lower Riparian Terraces
- b. Sandy sediments, moderately well drained soils ... F094DY019WI – Upper Riparian Terraces

B. Uplands: Summits, Shoulders, and Backslopes

I. Loamy-mantled soils, 25-100 cm sandy loam or finer over sand and gravel

- a. Somewhat excessively drained soils, <16% slopes ... F094DY011WI – Loamy-Mantled Uplands
- b. Somewhat excessively drained soils, >16% slopes ... F094DY012WI – Steep Loamy-Mantled Ridges

II. Sandy and gravelly soils

- a. Excessively drained loamy sands, <16% slopes ... F094DY005WI – Sandy Uplands
- b. Excessively drained loamy sands >16% slopes ... F094DY006WI – Steep Sandy Ridges
- c. Excessively drained sands, <16% slopes ... F094DY007WI – Sand Barrens

C. Lowlands: Footslopes, Toeslopes, and Depressions

I. Loamy-mantled soils, 25-100 cm sandy loam or finer over sand and gravel

- a. Moderately well drained soils, <7% slopes ... F094DY013WI – Loamy-Mantled Terraces And Plains
- b. Somewhat poorly drained soils, <5% slopes ... F094DY014WI – Wet Loamy-Mantled Drainageways
- c. Poorly drained soils, <3% slopes ... F094DY015WI – Wet Loamy-Mantled Depressions

II. Sandy and gravelly soils

- a. Moderately well drained soils, <6% slopes ... F094DY008WI – Sandy Terraces And Plains
- b. Somewhat poorly drained soils, <5% slopes ... F094DY009WI – Wet Sandy Drainageways
- c. Poorly drained soils, <3% slopes ... F094DY010WI – Wet Sandy Depressions

D. Peatland: Histosols > 40 cm organic soil material over sandy-stratified mineral sediments

I. Peat 15-50 cm

- a. Euic > 4.5 pH, Minerotrophic ... F094DY002WI – Poor Fens

b. Dysic < 4.5 pH, Ombrotrophic ... F094DY001WI – Peat Bogs

II. Much Peat 15-30 cm

a. Euic >4.5pH, Minerotrophic ... F094DY003WI – Mucky Peat Swamps

b. Dysic <4.5pH; Ombrotrophic ... F094DY004WI – Mucky Peat Bogs