

Major Land Resource Area 111X

Indiana and Ohio Till Plain

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Ecological site keys

111A Outline

I. Organic PM

- A. Underlying material is mineral ... R111XA001IN – Mineral Muck
- B. Underlying material is organic
 - i. Underlying material is limnic ... R111XA002IN – Limnic Muck
 - ii. Underlying material is not limnic ... R111XA003IN – Deep Muck

II. Non-Organic PM

A. Alluvium PM

- i. Soils are very poorly to somewhat poorly drained ... F111XA004IN – Wet Alluvium
- ii. Soils are moderately well or well drained ... F111XA005IN – Dry Alluvium

B. Glacial till PM

- i. Site is located in a depression landscape position
 - a. Soil surface color (SC) is lighter than 3/2 and/or an alfisol; no ponding ... F111XA006IN – Till Depression
 - b. Soil SC is 3/2 or darker and/or a mollisol; occasional to frequent ponding ... F111XA007IN – Till Depression Flatwood
- ii. Site is located in a swell (concave) landscape position
 - a. Soil surface is lighter than 3/2
 - Soils are poorly or somewhat poorly drained ... F111XA008IN – Wet Till Ridge
 - Soils are moderately well or well drained ... F111XA009IN – Till Ridge
 - b. Soil surface color is 3/2 or darker and/or a mollisol ... R111XA010IN – Till Ridge Prairie

C. Lacustrine PM

- i. Soils are poorly or somewhat poorly drained ... F111XA011IN – Wet Lacustrine Forest
- ii. Soils are somewhat poorly to well drained ... F111XA012IN – Lacustrine Forest

D. Loess PM ... F111XA013IN – Loess Upland

E. Outwash PM

- i. Soils surface color is lighter than 3/2
 - a. Soils are somewhat poorly or moderately well drained .F111AY014IN
 - b. Soils are well to excessively drained ... F111XA015IN – Dry Outwash Upland
- ii. Soils surface color is darker than 3/2
 - a. Soils are very poorly to somewhat poorly drained ... R111XA016IN – Outwash Mollisol
 - b. Soils are moderately well to excessively drained ... R111XA017IN – Dry Outwash Mollisol

F. Residuum PM

- i. Depth to restrictive layer is less than 20 inches ... F111XA018IN – Shallow Restricted
- ii. Depth to restrictive layer is between 20 and 40 inches ... F111XA019IN – Moderately Deep Restricted
- iii. Depth to restrictive layer is greater than 40 inches ... F111XA020IN – Deep Restricted

G. Sand PM

- i. Site is located on an interdunal landscape position ... F111XA021IN – Sandy Interdune
- ii. Site is located on a dune landscape position ... R111XA022IN – Sand Dune