

Major Land Resource Area 146X

Aroostook Area

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Ecological site keys

MLRA 146

- I. Site occurs along major rivers and streams which, in absence of dams and man-made structures, would experience regular flooding ... F146XY011ME – Floodplain
- II. Site does not occur along major rivers and streams, or if it does occur along major rivers and streams, the site does not experience regular flooding
 - A. Site occurs in open wetland areas dominated by shrubs and/or herbaceous species, too wet for tree cover to exceed 40 percent under natural conditions ... F146XY021ME – Marsh
 - B. Site supports greater than 40 percent tree cover under natural conditions
 1. Soils poorly to very poorly-drained, meeting hydric conditions
 - i. Soil surface consists of greater than 40 inches (100 cm) of organic mucky peat deposits ... F146XY031ME – Mucky Peat Bottom
 - ii. Soil surface with less than 40 inches (100 cm) of organic mucky peat deposits
 - a. Soils formed in shallow till, with densely compacted, gravelly layer usually within 20 inches (50 cm) of mineral soil surface ... F146XY032ME – Loamy Till Bottom
 - b. Soils not formed in till, lacking dense subsurface layer
 - 1) Soils ponded for most or all of the year ... F146XY034ME – Wet Sandy Bog
 - 2) Soils not ponded for extended periods ... F146XY033ME – Wet Loamy Flat
 2. Soils somewhat poorly- to excessively-drained with non-hydric conditions
 - i. Site occurs in exposed areas high in rock outcrop with little soil available for plants, too harsh for significant tree cover ... F146XY051ME – Rockland
 - ii. Site not as above, with sufficient soil to support greater than 40 percent tree cover
 - a. Bedrock within 20 inches (50 cm) of mineral soil surface ... F146XY061ME – Shallow Loamy Till
 - b. Bedrock deeper than 20 inches (50 cm) below mineral soil surface
 - 1) Soils sandy throughout, typically on eskers and other glacial outwash ... F146XY071ME – Sandy
 - 2) Soils loamy on the surface, may have sandy subsurface horizons
 - a) Soils with a sandy subsurface horizons and a loamy surface horizon, typically on eskers and other glacial outwash ... F146XY072ME – Loamy Over Sandy
 - b) Soils loamy on surface and throughout the profile
 - (1) Soils formed in lakebed sediments with few rock fragments ... F146XY084ME – Silty
 - (2) Soils formed in glacial till
 - (a) Soil pH mostly less than 6.0 ... F146XY082ME – Loamy Calcareous Till
 - (b) Soil pH mostly above 6.0