

# Major Land Resource Area 146X

## Aroostook Area

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### Ecological site keys

#### MLRA 146

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- 1a. Site occurs along major rivers and streams which, in absence of dams and man-made structures, would experience regular flooding ... F146XY011ME – Floodplain
- 1b. 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
  - 2a. 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
  - 2b. Site supports greater than 40 percent tree cover under natural conditions
    - 3a. Soils poorly to very poorly-drained, meeting hydric conditions
      - 4a. Soil surface consists of greater than 40 inches (100 cm) of organic mucky peat deposits ... F146XY031ME – Mucky Peat Bottom
      - 4b. Soil surface with less than 40 inches (100 cm) of organic mucky peat deposits
        - 5a. Soils formed in shallow till, with densely compacted, gravelly layer usually within 20 inches (50 cm) of mineral soil surface ... F146XY032ME – Loamy Till Bottom
        - 5b. Soils not formed in till, lacking dense subsurface layer
          - 6a. Soils ponded for most or all of the year ... F146XY034ME – Wet Sandy Bog
          - 6b. Soils not ponded for extended periods ... F146XY033ME – Wet Loamy Flat
      - 3b. Soils somewhat poorly- to excessively-drained with non-hydric conditions
        - 7a. Site occurs in exposed areas high in rock outcrop with little soil available for plants, too harsh for significant tree cover ... F146XY051ME – Rockland
        - 7b. Site not as above, with sufficient soil to support greater than 40 percent tree cover
          - 8a. Bedrock within 20 inches (50 cm) of mineral soil surface ... F146XY061ME – Shallow Loamy Till
          - 8b. Bedrock deeper than 20 inches (50 cm) below mineral soil surface
            - 9a. Soils sandy throughout, typically on eskers and other glacial outwash ... F146XY071ME – Sandy
            - 9b. Soils loamy on the surface, may have sandy subsurface horizons
              - 10a. Soils with a sandy subsurface horizons and a loamy surface horizon, typically on eskers and other glacial outwash ... F146XY072ME – Loamy Over Sandy
              - 10b. Soils loamy on surface and throughout the profile
                - 11a. Soils formed in lakebed sediments with few rock fragments ... F146XY084ME – Silty
                - 11b. Soils formed in glacial till
                  - 12a. Soil pH mostly less than 6.0 ... F146XY081ME – Loamy Acidic Till
                  - 12b. Soil pH mostly above 6.0 ... F146XY082ME – Loamy Calcareous Till