

# 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**