

Major Land Resource Area 090B

Central Wisconsin Thin Loess Dissected Till Plain

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Ecological site keys

MLRA 90B

A. LOWLANDS (floodplains, depressions and flats, and organic soils)

I. Organic soil and has a Histic epipedon or is a Histosol (≥ 8 inches (≥ 20 cm)) of organic soil materials)

- a. Soil pH is below 4.5 ... F090BY001WI – Poor Fen
- b. Soil pH is above 4.5 ... F090BY002WI – Mucky Swamp

II. Mineral soil (Histic epipedon or Histosol absent)

- a. Site is in a floodplain
 - i. Sandy textured soils ... F090BY003WI – Sandy Floodplain
 - ii. Loamy textured soils ... F090BY004WI – Loamy Floodplain
- b. Site is not in a floodplain and is poorly or very poorly drained
 - i. Sandy textured soils ... F090BY005WI – Wet Sandy Lowland
 - ii. Loamy textured soils ... F090BY006WI – Wet Loamy Lowland
 - iii. Clayey textured soils ... F090BY007WI – Wet Clayey Lowland

B. UPLANDS

I. Site has a bedrock contact within 80 inches (200 cm)

- a. Soils is dominated by sandy textures
 - i. Soil is somewhat poorly drained ... F090BY008WI – Moist Sandy Bedrock Upland
 - ii. Soil is somewhat excessively or excessively drained ... F090BY018WI – Dry Sandy Bedrock Upland
- b. Soil is dominated by loamy textures
 - i. Soil is moderately well or well drained ... F090BY014WI – Loamy Bedrock Upland
 - ii. Soil is somewhat excessively or excessively drained ... F090BY020WI – Dry Loamy Bedrock Upland

II. Site has no bedrock contact within 80 inches (200 cm)and is somewhat poorly drained

- a. Sandy textured soil ... F090BY009WI – Moist Sandy Upland
- b. Loamy textured soil
 - i. Soil contains carbonates ... F090BY010WI – Moist Loamy Lowland with Carbonates
 - ii. Soil does not contain carbonates ... F090BY011WI – Moist Loamy Lowland
- c. Fine textured soil ... F090BY012WI – Moist Clayey Lowland

III. Site has no bedrock contact within 80 inches (200 cm) and is moderately well or well drain.

- a. Sandy textured soil ... F090BY013WI – Sandy Upland
- b. Loamy textured soil
 - i. Soil contains carbonates ... F090BY015WI – Loamy Upland with Carbonates
 - ii. Soil does not contain carbonates ... F090BY016WI – Loamy Upland
- c. Fine textured soil ... F090BY017WI – Clayey Upland

IV. Site has no bedrock contact within 80 inches (200 cm) and is somewhat excessively or excessively drained

- a. Sandy textured soil ... F090BY019WI – Dry Sandy Upland
- b. Loamy textured soil ... F090BY021WI – Dry Loamy Upland

