

Major Land Resource Area 056B

Glacial Lake Agassiz, Tallgrass Aspen Parklands

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Ecological site keys

MLRA 56B Key

I. Sites have indicators of saturation within a depth of 42 inches during the growing season. (mucky surface, observed water table, redoximorphic depletions, redoximorphic concentrations)

- A. Site has strong effervescence within 16 inches of soil surface ... R056BY087MN – Limy Subirrigated
- B. Site is typically located in depressions, early growing season ponding, and is poorly drained ... R056BY102MN – Wet Meadow
- C. Site is located on deep depressions, is usually ponded into mid-summer, has high organic matter content and is very poorly drained ... R056BY101MN – Shallow Marsh
- D. Soil surface texture is fine sandy loam to loamy sand ... R056BY095MN – Subirrigated
- E. Soil has redoximorphic features visible 24-42 inches from the soil surface and is somewhat poorly drained ... R056BY096MN – Subirrigated Sands

II. Site is located on uplands and has a sand content of >45% in the soil surface

- A. site is shallow to gravelly sand or gravelly coarse sand ... R056BY093MN – Gravelly
- B. Site is located on dunes with >15% slope ... R056BY091MN – Sandy
- C. Fine sandy loam and sandy loam soil surface textures ... R056BY090MN – Sands
- D. Loamy fine sand to loamy sand soil surface textures ... R056BY104MN – Choppy Sands

III. Site is located on uplands and has a clay content >35% in the soil surface

- A. Silty clay to clay soil surface texture and no root restrictive layer ... R056BY104MN – Choppy Sands
- B. Not as above - site does not exist or not written. ... R056BY091MN – Sandy

IV. All other sites

- A. Site is in a floodplain or swale and fine sand loam, loam, silt loam or silty clay soil surface texture ... R056BY084MN – Clayey
- B. Site that receives overflow from rivers or streams and resides on floodplains of lake or till plains. The water table depth is 36 to 60 inches, loamy texture soils. ... R056BY088MN – Loamy Overflow
- C. All other sites. ... R056BY094MN – Loamy