

Major Land Resource Area 065X Nebraska Sand Hills

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Ecological site keys

MLRA 65

I. Dunes/Hills Landscape Position with slopes typically > 3%

A. Gravelly within 20" .. R065XY041NE (Shallow to Gravel) ... R065XY041NE – Shallow To Gravel

B. Steep slopes (>24%) with catsteps evident

1 14-17 P.Z. .. R065XY013NE (Choppy Sands 14-17 PZ) ... R065XY013NE – Choppy Sands 14-17" PZ

2 17-22 P.Z. .. R065XY034NE (Choppy Sands 17-22 PZ) ... R065XY034NE – Choppy Sands 17-22" PZ

3 22-25 P.Z. .. R065XY056NE (Choppy Sands 22-25 PZ) ... R065XY056NE – Choppy Sands 22-25" PZ

C. Slopes < 24%, soil textures loamy fine sand or courser; dark colored (3/3 or less) surface typically <10" thick

1 14-17 P.Z. .. R065XY012NE (Sands 14-17 PZ) ... R065XY012NE – Sands 14-17" PZ

2 17-22 P.Z. .. R065XY033NE (Sands 17-22 PZ) ... R065XY033NE – Sands 17-22" PZ

3 22-25 P.Z. .. R065XY055NE (Sands 22-25 PZ) ... R065XY055NE – Sands 22-25" PZ

D. Slopes < 24%, soil textures sandy loam or finer; dark colored (3/3 or less) surface typically >10" thick

1 14-17 P.Z. .. R065XY011NE (Sandy 14-17" PZ) ... R065XY011NE – Sandy 14-17" PZ

2 17-22 P.Z. .. R065XY032NE (Sandy 17-22" PZ) ... R065XY032NE – Sandy 17-22" PZ

3 22-25 P.Z. .. R065XY054NE (Sandy 22-25" PZ) ... R065XY054NE – Sandy 22-25" PZ

II. Interdunes and Stream Valleys Landscape position

A. Seasonal high water table not present and slopes are typically < 3 percent

a. 14-17" PZ .. R065XY011NE (Sandy 14-17" PZ) ... R065XY011NE – Sandy 14-17" PZ

b. 17-22 P.Z. . R065XY032NE (Sandy 17-22" PZ) ... R065XY032NE – Sandy 17-22" PZ

c. 22-25 P.Z. ..R065XY054NE (Sandy 22-25" PZ) ... R065XY054NE – Sandy 22-25" PZ

B. Seasonally high water table with soil saturation present

1 Site is subject to periodic ponding

a. Site is subject to brief to long periods of ponding with soil saturation at 0 to 6" .. R065XY022NE (Wet Land) ...
R065XY022NE – Wet Land

b. Site is subject to very long periods of ponding to 24" above surface and continuous saturation within 6" of surface ..
R065XY026NE (Deep Wetland) ... R065XY026NE – Deep Wetland

2 Site is not subject to periodic ponding

a. Seasonal high water table at 6-18" .. R065XY023NE (Wet Subirrigated) ... R065XY023NE – Wet Subirrigated

b. Seasonal high water table at 18-36"

i. Visible salts present .. R065XY025NE (Saline Subirrigated) ... R065XY025NE – Saline Subirrigated

ii. No salts present .. R065XY024NE (Subirrigated) ... R065XY024NE – Subirrigated

c. Seasonal high water table at 36-60" (Sandy Lowland) ... R065XY029NE – Sandy Lowland