USDA icon **Natural Resources Conservation Service**

Major Land Resource Area 072X
Central High Tableland

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Ecological site keys

MLRA 72

I. Alluvial Soils (floodplains, terraces, and interdunes)

- **A. Soils that have a seasonal or perennial high water table (<6 feet from surface)**
  - **i. Soils with high concentration of salts** ... R072XY102KS – Saline Subirrigated
  - **ii. Soils with a water table <6 feet** ... R072XY103KS – Subirrigated
- **B. Soils that do not have a seasonal or perennial high water table (>6 feet from surface)**
  - **i. Soils with high concentration of salts** ... R072XY104KS – Saline Lowland
  - **ii. Niobrara chalk slope alluvium** ... R072XY105KS – Chalk Fans
  - **iii. Soils with >55% sand in the surface** ... R072XY107KS – Sandy Lowland
  - **iv. All other soils with a water table >6 feet** ... R072XY108KS – Loamy Lowland

II. Sandy Soils (generally soils with >52% sand)

- **A. Rolling Hills, sand, fine sand, loamy sand, slope <24%** ... R072XY109KS – Rolling Sands
- **B. >24% slope, short, steep, hummocky landform** ... R072XY110KS – Choppy Sands
- **C. Occurs on plains, loamy sand and fsl*, slope <8% *fsl=fine sandy loam** ... R072XY111KS – Sandy Plains

III. Breaks (area between tableland and river valley highlighted by cliff faces)

- **A. Soil depth <20 inches** ... R072XY112KS – Shallow Limy
- **B. Rock fragments >15% in surface horizon** ... R072XY113KS – Gravelly Hills
- **C. Soils with slopes >30%** ... R072XY114KS – Loess Breaks
- **D. All other soils with slopes <30% and depth to free carbonates 4” or less** ... R072XY101KS – Limy Slopes

IV. Tablelands (broad upland divides)

- **A. Closed depressions on tablelands (playas)** ... R072XY115KS – Closed Upland Depression
- **B. Salt affected soils on tablelands** ... R072XY116KS – Salt Flat
- **C. Located in swales and run in positions** ... R072XY117KS – Tableland Swale
- **D. Loess, wind-blown silts and very fine sands** ... R072XY100KS – Loamy Tableland

*Saline subirrigated combined with subirrigated and saline lowland potentially no PESD

*Gravelly terrace will be combined with Gravelly Hills for PESD

*fsl=fine sandy loam

*Shale Breaks-requires a field visit in central MLRA 72 KS