

# Major Land Resource Area 072X

## Central High Tableland

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### Ecological site keys

#### MLRA 72

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##### 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