

Major Land Resource Area 073X

Rolling Plains and Breaks

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Ecological site keys

MLRA 73

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

A. Soils that have a seasonal or perennial high water table (<6 feet from surface)

1. Soils with a water table <6 feet ... R073XY103KS – Subirrigated

B. Soils that do not have a seasonal or perennial high water table (>6 feet from surface)

1. Soils with >52% sand in the surface ... R073XY107KS – Sandy Floodplain

2. Surface texture is >40% clay ... R073XY120KS – Clay Terrace

3. Site occurs on a terrace landform ... R073XY119KS – Loamy Terrace

4. All other soils with a water table >6 feet ... R073XY108KS – Loamy Floodplain

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

A. >24% slope, short, steep, hummocky landform - Choppy Sands in MLRA 72 or 79

B. Occurs on plains, texture is loamy sand and fsl* *fsl=fine sandy loam ...
R073XY111KS – Sandy Plains

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

A. Clay texture throughout the profile ... R073XY118KS – Blue Shale

B. Soil depth <20 inches or >35% rock fragments in subsurface layer ...
R073XY112KS – Shallow Limy

C. Rock fragments 15-35% in surface horizon ... R073XY113KS – Gravelly Hills

D. Soils with slopes >30% ... R073XY114KS – Loess Hills

E. All other soils with slopes <30% and carbonates at or near the soil surface ...
R073XY101KS – Limy Slopes

IV. Plains and/or Uplands (smooth and level gently undulating land)

A. Closed depressions on tablelands (playas) ... R073XY115KS – Closed Upland
Depression

B. Loess, wind-blown silts, and very fine sands ... R073XY100KS – Loamy Plains

