

Major Land Resource Area 077A

Southern High Plains, Northern Part

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Ecological site group keys

MLRA 77A

I. Additional water

A. Perennial water ... 077AESG07 – Riparian

B. Ephemeral water

1 Sand >50% & clay <25% for surface and subsurface ... 077AESG10 – Sandy Bottoms

2 Sand <50% or clay >25% for surface and subsurface ... 077AESG01 – Bottoms

II. Uplands

A. >75% bedrock outcrop ... 077AESG06 – Outcrops

B. <75% bedrock outcrop

1 Surface SAR >8 or subsurface EC >8 or surface EC >4 ... 077AESG08 – Saline Hills

2 Surface SAR <8 and subsurface EC <8 and surface EC <4

i. EC >1.5 surface or >2 subsurface ... 077AESG09 – Saline Uplands

ii. EC <1.5 surface and <2 subsurface

a. Depth <30cm ... 077AESG13 – Very Shallow

b. Depth: 30-55cm ... 077AESG12 – Shallow

c. Depth >55cm

1) Rock >30% surface or >30% subsurface ... 077AESG03 – Deep Rocky

2) Rock <30% surface and <30% subsurface

a) Clay >30% surface or >35% subsurface ... 077AESG02 – Clay Uplands

b) Clay <30% surface and <35% subsurface

(1) Sand >75% or texture is loamy sand or sandier in surface & subsurface ...
077AESG11 – Sandy Uplands

(2) Sand <75% or texture is sandy loam or finer in surface & subsurface

(a) Clay <20% or texture is sandy loam or sandier in surface ... 077AESG05 – Loamy Uplands

(b) Clay >20% or texture is finer than sandy loam in surface ... 077AESG04 – Finer Uplands