

Major Land Resource Area 081A

Edwards Plateau, Western Part

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Ecological site group keys

MLRA 81A

I. Additional water

- A. Perennial water ... 081AESG08 – Riparian
- B. Ephemeral water ... 081AESG01 – Bottoms

II. Uplands

- A. >75% bedrock outcrop ... 081AESG07 – Outcrops
- B. <75% bedrock outcrop
 - 1 Surface SAR >8 ... 081AESG09 – Saline Hills
 - 2 Surface SAR <8
 - i. Gypsum >5% surface or >10% subsurface ... 081AESG05 – Gypsum
 - ii. Gypsum <5% surface and <10% subsurface
 - a. Subsurface EC >8 or surface EC >4 ... 081AESG09 – Saline Hills
 - b. Subsurface EC <8 and surface EC <4
 - 1) EC >1.5 surface or >2 subsurface ... 081AESG10 – Saline Uplands
 - 2) EC <1.5 surface and <2 subsurface
 - a) Depth <30cm ... 081AESG12 – Very Shallow
 - b) Depth: 30-55cm ... 081AESG11 – Shallow
 - c) Depth >55cm
 - (1) Rock >30% surface or >30% subsurface ... 081AESG03 – Deep Rocky
 - (2) Rock <30% surface and <30% subsurface
 - (a) Clay >30% surface or >35% subsurface ... 081AESG02 – Clay Uplands
 - (b) Clay <30% surface and <35% subsurface
 - (1) Clay <20% or texture is Sandy Loam or sandier in surface ... 081AESG06 – Loamy Uplands

(2) Clay >20% and texture is finer than Sandy Loam in surface ... 081AESG04 – Finer Uplands

National Park Service

I. Additional water

- A. Perennial water - 041XESG09 Riparian
- B. Ephemeral water - 040XESG01 Bottoms

II. Uplands

- A. Surface SAR >8 - 041XESG62 Thornscrub Saline Hills
- B. Surface SAR <8

1 Gypsum >5% surface or >10% subsurface

- i. Elevation - <2500 ft - 083BESG54 Gypsum Desert
- ii. Elevation - 2500-3700 ft - 042AESG33 Gypsum Thornscrub
- iii. Elevation - 3700-4500 ft - 042BESG55 Gypsum Semi-Desert Grassland

2 Gypsum <5% surface and <10% subsurface

- i. Subsurface EC >8 or surface EC >4 - 041XESG62 Thornscrub Saline Hills
- ii. Subsurface EC <8 and surface EC <4

a. EC >1.5 surface or >2 subsurface

- 1) Elevation - <2500 ft - 040XESG58 Desert Saline Uplands
- 2) Elevation - 2500-3700 ft - 041XESG39 Thornscrub Saline Uplands

b. EC <1.5 surface and <2 subsurface

1) Depth <30cm

- a) Elevation - <2500 ft - 040XESG61 Very Shallow Desert
- b) Elevation - 2500-3700 ft - 040XESG46 Very Shallow Thornscrub

2) Depth: 30-55cm

- a) Elevation - <2500 ft - 040XESG60 Shallow Desert
- b) Elevation - 2500-3700 ft - 040XESG42 Shallow Thornscrub

3) Depth >55cm

- a) Rock >30% surface or >30% subsurface - 040XESG25 Deep Rocky Thornscrub
- b) Rock <30% surface and <30% subsurface

(1) Clay >30% surface or >35% subsurface

- (a) Elevation - <2500 ft - 040XESG51 Desert Clay Uplands

(b) Elevation - 2500-3700 ft - 040XESG21 Thornscrub Clay Uplands

(2) Clay <30% surface and <35% subsurface

(a) Clay <20% or texture is sandy loam or sandier in surface - 040XESG56 Desert Loamy Uplands

(b) Clay >20% or texture is finer than sandy loam in surface - 040XESG53 Desert Finer Uplands