

# Major Land Resource Area 034A

## Cool Central Desertic Basins and Plateaus

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### Ecological site group keys

#### MLRA 34A

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**I. >75% bedrock outcrop ... 034AESG07 – Outcrops**

**II. <75% bedrock outcrop**

**A. Perennial water ... 034AESG08 – Riparian**

**B. Ephemeral water or uplands**

**1 Aridic moisture regime**

**i. Ephemeral water**

**a. Subsurface EC >4 ... 034AESG22 – Arid Cool Saline Bottoms**

**b. Subsurface EC <4 ... 034AESG16 – Arid Cool Bottoms**

**ii. Uplands**

**a. Surface SAR >8 ... 034AESG23 – Arid Cool Saline Hills**

**b. Surface SAR <8**

**1) Gypsum >5% surface or >10% subsurface ... 034AESG20 – Arid Cool Gypsum**

**2) Gypsum <5% surface and <10% subsurface**

**a) Subsurface EC >8 or surface EC >4 ... 034AESG23 – Arid Cool Saline Hills**

**b) Subsurface EC <8 and surface EC <4**

**(1) EC >1.5 surface or >2 subsurface ... 034AESG24 – Arid Cool Saline Uplands**

**(2) EC <1.5 surface and <2 subsurface**

**(a) Depth <30cm ... 034AESG27 – Arid Cool Very Shallow**

**(b) Depth: 30-55cm ... 034AESG26 – Arid Cool Shallow**

**(c) Depth >55cm**

**(1) Rock >30% surface or >30% subsurface ... 034AESG18 – Arid Cool Deep  
Rocky**

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

**(a) Clay >30% surface or >35% subsurface ... 034AESG17 – Arid Cool Clay  
Uplands**

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

(1) Sand >75% or texture is loamy sand or sandier in surface & subsurface ...

034AESG25 – Arid Cool 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 ... 034AESG21 –

Arid Cool Loamy Uplands

(b) Clay >20% or texture is finer than sandy loam in surface ... 034AESG19 –

Arid Cool Finer Uplands

## 2 Udic, ustic, and xeric moisture regimes

### i. Ephemeral water

a. Subsurface EC >4 ... 034AESG32 – Semiarid Cool Saline Bottoms

b. Subsurface EC <4

1) Sand >50% & clay <25% for surface and subsurface ... 034AESG35 – Semiarid Cool Sandy Bottoms

2) Sand <50% or clay >25% for surface and subsurface ... 034AESG28 – Semiarid Cool Bottoms

### ii. Uplands

a. Surface SAR >8 ... 034AESG33 – Semiarid Cool Saline Hills

b. Surface SAR <8

1) Gypsum >5% surface or >10% subsurface ... 034AESG31 – Semiarid Cool Gypsum

2) Gypsum <5% surface and <10% subsurface

a) Subsurface EC >8 or surface EC >4 ... 034AESG33 – Semiarid Cool Saline Hills

b) Subsurface EC <8 and surface EC <4

(1) EC >1.5 surface or >2 subsurface ... 034AESG34 – Semiarid Cool Saline Uplands, Sandy Uplands, Loamy Uplands, & Finer Uplands

(2) EC <1.5 surface and <2 subsurface

(a) Depth <30cm ... 034AESG37 – Semiarid Cool Very Shallow

(b) Depth: 30-55cm ... 034AESG36 – Semiarid Cool Shallow

(c) Depth >55cm

(1) Rock >30% surface or >30% subsurface ... 034AESG30 – Semiarid Cool Deep Rocky

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

(a) Clay >30% surface or >35% subsurface ... 034AESG29 – Semiarid Cool Clay Uplands

(b) Clay <30% surface or <35% subsurface ... 034AESG34 – Semiarid Cool Saline Uplands, Sandy Uplands, Loamy Uplands, & Finer Uplands