

Major Land Resource Area 034B

Warm Central Desertic Basins and Plateaus

Accessed: 03/21/2025

Ecological site group keys

MLRA 34B

I. >75% bedrock outcrop ... 034BESG07 – Outcrops

II. <75% bedrock outcrop

A. Perennial water ... 034BESG08 – Riparian

B. Ephemeral water or uplands

1 Aridic moisture regime

i. Ephemeral water

a. Subsurface EC >4 ... 034BESG22 – Arid Cool Saline Bottoms

b. Subsurface EC <4 ... 034BESG25 – Arid Cool Sandy Bottoms

ii. Uplands

a. Surface SAR >8 ... 034BESG23 – Arid Cool Saline Hills

b. Surface SAR <8

1) Gypsum >5% surface or >10% subsurface ... 034BESG20 – Arid Cool Gypsum

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

a) Subsurface EC >8 or subsurface EC >4 ... 034BESG23 – Arid Cool Saline Hills

b) Subsurface EC <8 and surface EC <4

(1) EC >1.5 surface or >2 subsurface ... 034BESG24 – Arid Cool Saline Uplands

(2) EC <1.5 surface and <2 subsurface

(a) Slope >35% & >40% surface rock ... 034BESG16 – Arid Cool Breaks

(b) Slope <35% or <40% surface rock

(1) Depth <30cm ... 034BESG28 – Arid Cool Very Shallow

(2) Depth: 30-55cm ... 034BESG27 – Arid Cool Shallow

(3) Depth >55cm

(a) Rock >30% surface or >30% subsurface ... 034BESG18 – Arid Cool Deep Rocky

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

(1) Clay >30% surface or >35% subsurface ... 034BESG17 – Arid Cool Clay Uplands

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

(a) Sand >75% or texture is loamy sand or sandier in surface & subsurface ... 034BESG26 – Arid Cool Sandy Uplands

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

(1) Clay <20% or texture is sandy loam or sandier in surface ... 034BESG21 – Arid Cool Loamy Uplands

(2) Clay >20% or texture is finer than sandy loam in surface ... 034BESG19 – Arid Cool Finer Uplands

2 Ustic moisture regime

i. Ephemeral water ... 034BESG35 – Semiarid Cool Sandy Bottoms

ii. Uplands

a. Surface SAR >8 ... 034BESG33 – Semiarid Cool Saline Hills

b. Surface SAR <8

1) Gypsum >5% surface or >10% subsurface ... 034BESG32 – Semiarid Cool Gypsum

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

a) Subsurface EC>8 or surface EC>4 ... 034BESG33 – Semiarid Cool Saline Hills

b) Subsurface EC<8 and surface EC<4

(1) EC >1.5 surface or >2 subsurface ... 034BESG34 – Semiarid Cool Saline Uplands, Sandy Uplands, Loamy Uplands, & Finer Uplands

(2) EC <1.5 surface and <2 subsurface

(a) Slope >35% & >40% surface rock ... 034BESG29 – Semiarid Cool Breaks

(b) Slope <35% or <40% surface rock

(1) Depth <30cm ... 034BESG37 – Semiarid Cool Very Shallow

(2) Depth: 30-55cm ... 034BESG36 – Semiarid Cool Shallow

(3) Depth >55cm

(a) Rock >30% surface or >30% subsurface ... 034BESG31 – Semiarid Cool Deep Rocky

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

(1) Clay >30% surface or >35% subsurface ... 034BESG30 – Semiarid Cool Clay Uplands

(2) Clay <30% surface and <35% subsurface ... 034BESG34 – Semiarid Cool Saline Uplands, Sandy Uplands, Loamy Uplands, & Finer Uplands