

# Ecological site group 034AESG37

## Semiarid Cool Very Shallow

Last updated: 09/18/2024  
Accessed: 05/10/2025

---

### Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Udic, ustic, and xeric moisture regimes
- Uplands
- Surface SAR <8
- Gypsum <5% surface and <10% subsurface
- Subsurface EC <8 and surface EC <4
- EC <1.5 surface and <2 subsurface
- Depth <30cm

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

### Physiography

This ESG is located on hills.

### Climate

This ESG is characterized by the ustic moisture regime.

### Vegetation dynamics

The modal ecological site for this ESG is R034AY262WY Shallow Loamy Foothills and Basins West (SwLy).

### Major Land Resource Area

MLRA 034A  
Cool Central Desertic Basins and Plateaus

### Subclasses

- R034AY228WY–Lowland Foothills and Basins West (LL)
- R034AY234WY–Rocky Hills Foothills and Basins West (RH)
- R034AY244WY–Saline Upland Foothills and Basins West (SU)
- R034AY254WY–Shale Foothills and Basins West (Sh)
- R034AY260WY–Shallow Igneous Foothills and Basins West (SwIg)
- R034AY262WY–Shallow Loamy Foothills and Basins West (SwLy)
- R034AY263WY–Shallow Loamy Calcareous Foothills and Basins West (SwLyCa)
- R034AY266WY–Shallow Sandy Foothills and Basins West (SwSy)
- R034AY274WY–Subirrigated Foothills and Basins West (Sb)
- R034AY276WY–Very Shallow Foothills and Basins West (VS)
- R034AY300CO–Loamy Breaks
- R034AY362WY–Shallow Loamy High Plains Southeast (SwLy)
- R034AY366WY–Shallow Sandy High Plains Southeast (SwSy)

- R034AY376WY–Very Shallow High Plains Southeast (VS)

### **Correlated Map Unit Components**

23778385, 23778513, 23725249, 24513129, 24284968, 24289049, 24300434, 24301010, 24300307, 24300793, 24301049, 24444911, 24444931, 24445093, 24444627, 24444651, 24445168, 24444959, 24444909, 24325358, 24325359, 24325361, 24325425, 24325427, 24325438, 24325338, 24364665, 24364565, 24369722, 24369854, 24370222, 24372166, 24372176, 24372564, 24372462, 24374172, 24374806, 24374784, 24374821, 24374826, 24375071

### **Stage**

Provisional

### **Contributors**

Curtis Talbot  
Travis Nauman

### **State and transition model**

### **Citations**