

# Ecological site group 077BESG04

## Loamy Uplands

Last updated: 12/11/2023  
Accessed: 03/21/2025

---

### Key Characteristics

- Uplands
- Surface SAR <8 and subsurface EC <8 and surface EC <4
- EC <1.5 surface and <2 subsurface
- Depth >55cm
- Rock <30% surface and <30% subsurface
- Clay <30% surface and <35% subsurface
- Sand <75% or texture is sandy loam or finer in surface & subsurface
- Clay <20% or texture is sandy loam or sandier in surface

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 plains.

### Climate

This ESG is characterized by the mesic temperature regime.

### Vegetation dynamics

The modal ecological site for this ESG is R077BY021TX Sandy Loam 12-17" PZ.

### Major Land Resource Area

MLRA 077B  
Southern High Plains, Northwestern Part

### Subclasses

- R077BY009NM–Gravelly
- R077BY014TX–Deep Hardland 12-17" PZ
- R077BY021TX–Sandy Loam 12-17" PZ
- R077BY026NM–Gravelly Loam
- R077BY033NM–Loamy
- R077BY035NM–High Sandy Loam
- R077BY658TX–Sandy 12-17" PZ
- R077BY722TX–High Lime 12-17" PZ
- R077BY725TX–Draw 12-17" PZ

### Correlated Map Unit Components

24287359, 24287357, 24287035, 24287240, 24287247, 24287366, 24287048, 24287184, 24298726, 24298618, 24298546, 24298666, 24298780, 24298782, 24302032, 24301945, 24301862, 24302047, 24301822, 24319774,

24320126, 24320131, 24319768, 24319769, 24319781, 24319639, 24319946, 24319950, 24319940, 24320144, 24319790, 24319958, 24100921, 24101199, 24101203, 24101038, 24101042, 24101044, 24100641, 24101050, 24101052, 24101058, 24101059, 24117295, 24117299, 24117301, 24116674, 24116678, 24116680, 24117076, 24116695, 24116697, 24116704

## **Stage**

Provisional

## **Contributors**

Curtis Talbot

Travis Nauman

## **State and transition model**

## **Citations**