

# Ecological site group ESG048A42

## Aridic Finer Uplands

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### Key Characteristics

- Uplands
- <75% bedrock outcrop
- Gypsum <5% surface, gypsum <10% subsurface, surface SAR <8, subsurface EC <8, and surface EC <4.
- EC<1.5 surface or <2 subsurface
- Soil not steep, rocky, or shallow
- Clay >30% surface or >35% subsurface
- sand <75% or texture is Loamy Fine Sand or finer in surface & subsurface
- Clay >20% or texture is Fine Sandy Loam or finer in surface AND Aridic soil moisture regime - 96 soil components

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 mountain slopes, alluvial fans, and valley sides.

### Climate

This ESG is characterized by the aridic soil moisture regime.

### Soil features

This soil is characterized by clay >20% or texture is fine sandy loam or finer.

### Vegetation dynamics

The modal ecological site for this ESG is F048AY908CO - Mixed Conifer.

### Major Land Resource Area

MLRA 048A  
Southern Rocky Mountains

### Subclasses

- F048AY449CO–Aspen Woodland
- F048AY475UT–Mountain Very Steep Stony Loam (Douglas Fir)
- F048AY908CO–Mixed Conifer
- F048AY924CO–Douglas Fir/Gambel Oak
- F048AY925CO–Ponderosa Pine Forest
- R048AY001NM–Subalpine Grassland
- R048AY013NM–Mountain Slopes
- R048AY222CO–Loamy Park
- R048AY228CO–Mountain Loam

- R048AY237CO–Stony Loam
- R048AY238CO–Brushy Loam
- R048AY241CO–Mountain Meadow
- R048AY287CO–Stony Foothills
- R048AY292CO–Deep Loam
- R048AY303CO–Loamy Slopes
- R048AY306UT–Upland Loam (Wyoming Big Sagebrush)
- R048AY311CO–Mountain Outwash
- R048AY331UT–Upland Stony Loam (Pinyon-Utah Juniper)
- R048AY405UT–Mountain Loam (Mountain Big Sagebrush)
- R048AY451UT–Mountain Stony Loam (Shrub)

### **Correlated Map Unit Components**

20985829, 21054064, 21070414, 21070427, 21070460, 20993489, 21285286, 21285288, 21285368, 21285348, 21285351, 21285353, 21284292, 21281963, 21256475, 21256427, 21276614, 21276619, 21131270, 21131317, 21251736, 21251618, 21251667, 21250937, 21250671, 21245894, 21245510, 21245513, 21268273, 21244807, 21244810, 21244920, 21244942, 21243257, 21243274, 21243285, 21243276, 21243286, 21243325, 21243281, 21243306, 21243307, 21243327, 21243340, 21243341, 21243360, 21243362, 21243364, 21269771, 21242945, 21242947, 21242988, 21242986, 21242214, 21242215, 21834947, 21978757, 21978755, 21978441, 21978438, 21978642, 21978666, 21979394, 21979507, 21979688, 21979685, 21979158, 21979532, 21978919, 21979702, 21979141, 21980670, 21980029, 21980193, 21980541, 21979910, 21980682, 21981140, 21981137, 21981823, 21979888, 21981170, 21981179, 21981187, 21981269, 21981165, 21981239, 21981292, 21981917, 21981916, 21981774, 21840566, 21407149, 21407039, 21407019

### **Stage**

Provisional

### **Contributors**

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### **State and transition model**

### **Citations**