

# Ecological site group ESG048A31

## Loamy Uplands

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### Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR <8, or Subsurface EC <8, or Surface EC <4
- Gypsum <5% surface and <10% subsurface
- EC <1.5 surface or <2 subsurface
- slope <35% or <40% surface rock
- depth >55cm
- Rock <30% surface and <30% subsurface
- Clay <30% surface and <35% subsurface
- sand <75% or texture is Loamy Fine Sand or finer in surface & subsurface
- Clay <20% or texture is Sandy Loam or sandier in surface - 993 soil components
- 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 Sandy Loam or sandier in surface - 993 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, hills, and moraines.

### Soil features

This ESG is characterized by clay<20% or texture is sandy loam or sandier in surface.

### Vegetation dynamics

The modal ecological site for this ESG is F048AY918CO - Spruce-Fir Woodland.

### Major Land Resource Area

MLRA 048A  
Southern Rocky Mountains

### Subclasses

- F048AY449CO–Aspen Woodland

- F048AY457UT–Mountain Stony Loam (Ponderosa pine)
- F048AY475UT–Mountain Very Steep Stony Loam (Douglas Fir)
- F048AY506UT–High Mountain Loam (Aspen)
- F048AY509UT–High Mountain Loam (Douglas-Fir)
- F048AY523UT–High Mountain Stony Loam (Douglas Fir)
- F048AY524UT–High Mountain Stony Loam (Engelmann Spruce)
- F048AY530UT–High Mountain Very Steep Loam (Douglas Fir)
- F048AY908CO–Mixed Conifer
- F048AY912CO–Lodgepole Pine
- F048AY915CO–Engelmann Spruce – Whortleberry– Jacob's-Ladder
- F048AY917CO–Abies lasiocarpa/Paxistima myrsinites/Erigeron eximius
- F048AY918CO–Spruce-Fir Woodland
- F048AY919CO–Subalpine Fir/Blueberry/Twinflower
- F048AY924CO–Douglas Fir/Gambel Oak
- F048AY925CO–Ponderosa Pine Forest
- R048AA228CO–Mountain Loam Gunnison Basin LRU
- R048AA241CO–Mountain Meadow Gunnison Basin LRU
- R048AA245CO–Mountain Swale Gunnison Basin LRU
- R048AA250CO–Subalpine Loam Gunnison Basin LRU
- R048AY002NM–Mountain Grassland
- R048AY003NM–Mountain Valley
- R048AY004NM–Mountain Loam
- R048AY006NM–Mountain Meadow
- R048AY006UT–Semiwet Fresh Streambank
- R048AY007NM–Mountain Shale
- R048AY010NM–Pine Grassland
- R048AY010UT–Wet Fresh Streambank (Willow)
- R048AY011NM–Subalpine Grassland Dry
- R048AY122WY–Mountain Loam
- R048AY222CO–Loamy Park
- R048AY226CO–Mountain Loam 13-18 PZ Westcliffe Area
- R048AY228CO–Mountain Loam
- R048AY229CO–Rocky Loam
- R048AY230CO–Shallow Loam
- R048AY231CO–Dry Mountain Loam
- R048AY237CO–Stony Loam
- R048AY238CO–Brushy Loam
- R048AY241CO–Mountain Meadow
- R048AY245CO–Mountain Swale
- R048AY250CO–Subalpine Loam
- R048AY252CO–Subalpine Clay
- R048AY255CO–Pine Grasslands
- R048AY272CO–Sandy Bench
- R048AY287CO–Stony Foothills
- R048AY292CO–Deep Loam
- R048AY303CO–Loamy Slopes
- R048AY304CO–Alpine Slopes
- R048AY305CO–Alpine Meadow
- R048AY306CO–Shrubby Alpine
- R048AY306UT–Upland Loam (Wyoming Big Sagebrush)
- R048AY308CO–Shallow Alpine
- R048AY311CO–Mountain Outwash
- R048AY316CO–Dry Mountain Outwash
- R048AY405UT–Mountain Loam (Mountain Big Sagebrush)
- R048AY410UT–Mountain Loamy Bottom (Basin Wildrye)
- R048AY415UT–Mountain Loam (Oak)
- R048AY417UT–Mountain Loam (Ponderosa Pine)
- R048AY448UT–Mountain Stony Loam (Mountain Big Sagebrush)

- R048AY465UT–Mountain Very Steep Loam (Oak)
- R048AY503UT–High Mountain Clay

### Correlated Map Unit Components

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## Stage

Provisional

## Contributors

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## State and transition model

## Citations