

Ecological site group ESG048A37

Udic Clay 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 AND Udic soil moisture regime - 216 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 and complex landslides.

Climate

This ESG is characterized by the udic soil moisture regime.

Soil features

This ESG is characterized by clay >30% surface or >35% subsurface.

Vegetation dynamics

The modal ecological site for this ESG is F048AY449CO - Aspen Woodland.

Major Land Resource Area

MLRA 048A
Southern Rocky Mountains

Subclasses

- F048AY449CO–Aspen Woodland
- F048AY506UT–High Mountain Loam (Aspen)
- F048AY908CO–Mixed Conifer
- F048AY917CO–*Abies lasiocarpa*/*Paxistima myrsinites*/*Erigeron eximius*
- F048AY918CO–Spruce-Fir Woodland
- F048AY924CO–Douglas Fir/Gambel Oak
- R048AY006NM–Mountain Meadow
- R048AY222CO–Loamy Park
- R048AY228CO–Mountain Loam
- R048AY237CO–Stony Loam
- R048AY238CO–Brushy Loam
- R048AY241CO–Mountain Meadow

- R048AY247CO–Deep Clay Loam
- R048AY250CO–Subalpine Loam
- R048AY252CO–Subalpine Clay
- R048AY304CO–Alpine Slopes

Correlated Map Unit Components

20976070, 20987095, 20987178, 20988200, 21054024, 20992095, 20993787, 20993790, 20993828, 20994037, 20993705, 20993682, 20994440, 20994416, 20994338, 20994373, 21286170, 21286152, 21286163, 21286165, 21286206, 21286308, 21286262, 21286266, 21286358, 21286318, 21286319, 21286436, 21286417, 21286421, 21286466, 21285957, 21285250, 21285224, 21284293, 21284391, 21284377, 21284359, 21284398, 21256434, 21256432, 21256404, 21256401, 21256445, 21256446, 21664079, 21664005, 21276826, 21276823, 21276870, 21276794, 21272841, 21272882, 21272880, 21272893, 21272917, 21273018, 21273042, 21273125, 21273147, 21273116, 21273151, 21273181, 21273186, 21273173, 21270931, 21251227, 21251243, 21251234, 21251320, 21251498, 21251524, 21251571, 21251463, 21251466, 21251478, 21251613, 21251514, 21251665, 21251662, 21251561, 21251710, 21251781, 21250697, 21250691, 21250761, 21250933, 21250851, 21250846, 21250883, 21250767, 21250895, 21250804, 21250925, 21250922, 21250910, 21250885, 21250948, 21250949, 21245662, 21245971, 21245970, 21245967, 21245965, 21245945, 21245955, 21245949, 21245950, 21245446, 21245440, 21245434, 21245435, 21268224, 21268302, 21268299, 21268294, 21268209, 21268213, 21268186, 21268187, 21244960, 21244923, 21244927, 21269366, 21269442, 21269461, 21269477, 21269589, 21269614, 21269685, 21269547, 21269581, 21269419, 21269496, 21269498, 21269592, 21269598, 21269663, 21269626, 21269702, 21269732, 21269470, 21269468, 21269659, 21269654, 21269692, 21269715, 21269717, 21269782, 21269783, 21269815, 21269924, 21269956, 21270059, 21269710, 21269980, 21269898, 21269931, 21270086, 21270096, 21270523, 21270544, 21270537, 21270534, 21270601, 21270570, 21270296, 21270262, 21242059, 21242044, 21241946, 21241947, 21241952, 21241986, 21241988, 21241088, 21241126, 21241170, 21240991, 21241002, 21241004, 21836151, 21835539, 21842485, 21842487, 21842307, 21842504, 21978462, 21979463, 21979459, 21979571, 21979573, 21979705, 21979616, 21980237, 21980246, 21981061, 21407176, 21865686, 21910942, 21910943, 21910948, 21910947, 21910648, 21910755, 21910760, 21910759, 21910764, 21910763, 21910767, 21910771, 21910782, 21910809, 21910813, 21910856, 21910858

Stage

Provisional

Contributors

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State and transition model

Citations