

Ecological site group ESG048A38

Ustic 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 Ustic soil moisture regime - 370 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 hills, mountainsides, and valley sides.

Climate

This ESG is characterized by the ustic 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 R048AY247CO - Deep Clay Loam.

Major Land Resource Area

MLRA 048A
Southern Rocky Mountains

Subclasses

- F048AY439UT–Mountain Shallow Loam (Ponderosa pine)
- F048AY449CO–Aspen Woodland
- F048AY908CO–Mixed Conifer
- F048AY912CO–Lodgepole Pine
- F048AY918CO–Spruce-Fir Woodland
- F048AY925CO–Ponderosa Pine Forest
- R048AA228CO–Mountain Loam Gunnison Basin LRU
- R048AA241CO–Mountain Meadow Gunnison Basin LRU
- R048AA250CO–Subalpine Loam Gunnison Basin LRU
- R048AY001NM–Subalpine Grassland
- R048AY002NM–Mountain Grassland
- R048AY003NM–Mountain Valley

- R048AY004NM–Mountain Loam
- R048AY005NM–Mountain Malpais
- R048AY006NM–Mountain Meadow
- R048AY007NM–Mountain Shale
- R048AY012NM–Mountain Loam Dry
- R048AY014NM–Mountain Valley Dry
- R048AY222CO–Loamy Park
- R048AY228CO–Mountain Loam
- R048AY234CO–Mountain Clay
- R048AY237CO–Stony Loam
- R048AY238CO–Brushy Loam
- R048AY241CO–Mountain Meadow
- R048AY244CO–Mountain Shale
- R048AY245CO–Mountain Swale
- R048AY247CO–Deep Clay Loam
- R048AY248CO–Mountain Clay Loam
- R048AY250CO–Subalpine Loam
- R048AY252CO–Subalpine Clay
- R048AY292CO–Deep Loam
- R048AY303CO–Loamy Slopes
- R048AY306UT–Upland Loam (Wyoming Big Sagebrush)
- R048AY405UT–Mountain Loam (Mountain Big Sagebrush)
- R048AY415UT–Mountain Loam (Oak)
- R048AY417UT–Mountain Loam (Ponderosa Pine)
- R048AY448UT–Mountain Stony Loam (Mountain Big Sagebrush)
- R048AY451UT–Mountain Stony Loam (Shrub)
- R048AY503UT–High Mountain Clay

Correlated Map Unit Components

20985879, 20985938, 20987081, 20987146, 20988244, 21070436, 20992098, 20993462, 20993491, 20994154, 20994576, 20994441, 20994662, 20994372, 20994377, 21287097, 21287088, 21287072, 21287073, 21287102, 21287155, 21286317, 21285727, 21285735, 21285962, 21286067, 21285809, 21286007, 21286006, 21285935, 21285937, 21285975, 21285891, 21285980, 21285279, 21285259, 21285265, 21285292, 21285492, 21285504, 21285298, 21285301, 21285311, 21284222, 21284220, 21284364, 21284365, 21262200, 21262202, 21262204, 21262182, 21262191, 21262228, 21262223, 21262271, 21262303, 21262304, 21262308, 21262397, 21262398, 21262402, 21256050, 21256092, 21256089, 21256105, 21256102, 21256124, 21256158, 21256140, 21256190, 21256172, 21256218, 21256222, 21256262, 21256260, 21256297, 21256299, 21256268, 21256235, 21256269, 21256237, 21256285, 21256283, 21256301, 21256334, 21256350, 21256441, 21256360, 21256327, 21256370, 21256330, 21256372, 21256377, 21256374, 21256367, 21256366, 21256399, 21256429, 21256430, 21256477, 21256478, 21256479, 21256482, 21256483, 21256472, 21664146, 21276839, 21276858, 21276884, 21276789, 21276775, 21276612, 21276634, 21276642, 21276626, 21276629, 21276701, 21276690, 21276709, 21276722, 21276729, 21276784, 21272956, 21272958, 21131231, 21131237, 21131279, 21131282, 21251879, 21251827, 21251797, 21251766, 21251276, 21251767, 21251424, 21251434, 21251440, 21251642, 21251520, 21251559, 21251704, 21251725, 21251800, 21251913, 21251912, 21251841, 21251718, 21250737, 21250771, 21250834, 21250835, 21250887, 21250898, 21245535, 21245540, 21245545, 21245542, 21245558, 21245621, 21245623, 21245974, 21245975, 21245724, 21245722, 21245759, 21245788, 21245867, 21245877, 21245901, 21245902, 21245930, 21245933, 21245942, 21246002, 21245340, 21245341, 21245365, 21245370, 21245372, 21245376, 21245453, 21245427, 21245500, 21245501, 21245473, 21245502, 21245487, 21268277, 21268261, 21268288, 21268291, 21268285, 21268157, 21268129, 21268197, 21264946, 21265068, 21265113, 21265046, 21265028, 21265071, 21265086, 21265118, 21265080, 21265125, 21265321, 21265278, 21265327, 21244778, 21244781, 21244784, 21244813, 21244814, 21244821, 21244830, 21244831, 21244835, 21244860, 21244865, 21244869, 21244879, 21244887, 21243243, 21243352, 21242873, 21242894, 21242904, 21243227, 21242930, 21242961, 21242936, 21243002, 21243023, 21243096, 21243099, 21243131, 21243088, 21243090, 21243109, 21243150, 21243153, 21242074, 21241260, 21241295, 21241299, 21241301, 21241284, 21241239, 21241278, 21241281, 21241011, 21241022, 21835810, 21835936, 21835713, 21836102, 21835855, 21835981, 21836110, 21836012, 21834996, 21834896, 21835112, 21835543, 21835552, 21835281, 21835301, 21835434, 21835571, 21835443, 21835182, 21835464, 21835486, 21835627, 21835214, 21835653, 21835388, 21835538, 21842184, 21842476,

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Stage

Provisional

Contributors

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State and transition model

Citations