

Ecological site group 043BESG07

Loamy Uplands

Last updated: 10/08/2024
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Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR<8
- Gypsum <5% surface and <10% subsurface
- Subsurface EC<8 and surface EC<4
- EC <1.5 surface and <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 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 soil geomorphic unit is located on mountain slopes, hillslopes, and complex landslides.

Vegetation dynamics

The modal provisional ecological site group for this soil geomorphic unit is F043BP910MT Upland Cool Woodland Group.

Major Land Resource Area

MLRA 043B
Central Rocky Mountains

Subclasses

- R043BY016ID–Shallow Gravelly 16-22 PZ ARAR8/FEID
- R043BY017ID–Shallow Stony 22+ PZ ARTRV/FEID
- R043BY019ID–North Slope Loamy 16-22 PZ SYORU/FEID-PSSPS
- R043BY020ID–South Slope Gravelly 16-22 PZ ARTRV/BRMA4-ELTRT
- R043BY021ID–Mountain Loamy 22+ PZ FEID/POGR9-GEVI2
- R043BY022ID–Windswept Mountain Ridge 22+ PZ FEID-CAREX
- R043BY108WY–Coarse Upland High Mountains
- R043BY122WY–Loamy High Mountains
- R043BY130WY–Overflow High Mountains
- R043BY168WY–Steep Loamy High Mountains
- R043BY172WY–Stony High Mountains
- R043BY174WY–Subirrigated High Mountains

- R043BY178WY–Wetland High Mountains
- R043BY206WY–Clayey Overflow Foothills and Mountains West
- R043BY208WY–Coarse Upland Foothills and Mountains West
- R043BY212WY–Gravelly Foothills and Mountains West
- R043BY222WY–Loamy Foothills and Mountains West
- R043BY230WY–Overflow Foothills and Mountains West
- R043BY260WY–Shallow Igneous Foothills and Mountains West
- R043BY262WY–Shallow Loamy Foothills and Mountains West
- R043BY274WY–Subirrigated Foothills and Mountains West
- R043BY278WY–Wetland Foothills and Mountains West
- R043BY308WY–Coarse Upland (CU) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY322WY–Loamy (Ly) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY350WY–Sandy (Sy) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY362WY–Shallow Loamy (SwLy) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY374WY–Subirrigated (Sb) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY408WY–Coarse Upland (CU) 15-19" Northern Plains Precipitation Zone
- R043BY422WY–Loamy (Ly) 15-19" Northern Plains Precipitation Zone
- R043BY450WY–Sandy (Sy) 15-19" Northern Plains Precipitation Zone
- R043BY474WY–Subirrigated (Sb) 15-19" Northern Plains Precipitation Zone
- EX043B15Z955–Montane Subirrigated Meadow Cryic Northern Rocky Mountain Front
- EX043B23A100–Channery Upland (CnU) Absaroka Lower Foothills
- EX043B23A109–Cobbly Upland (CoU) Absaroka Lower Foothills
- EX043B23A112–Gravelly (Gr) Absaroka Lower Foothills
- EX043B23A120–Limy Upland (LiU) Absaroka Lower Foothills
- EX043B23A121–Limy Skeletal (LiSk) Absaroka Lower Foothills
- EX043B23A122–Loamy (Ly) Absaroka Lower Foothills
- EX043B23A123–Loamy Calcareous (LyCa) Absaroka Lower Foothills
- EX043B23A128–Lowland (LL) Absaroka Lower Foothills
- EX043B23A130–Overflow (Ov) Absaroka Lower Foothills
- EX043B23A150–Sandy (Sy) Absaroka Lower Foothills
- EX043B23A175–Skeletal (Sk) Absaroka Lower Foothills
- EX043B23B100–Channery Upland (CnU) Absaroka Upper Foothills
- EX043B23B109–Cobbly Upland (CoU) Absaroka Upper Foothills
- EX043B23B112–Gravelly (Gr) Absaroka Upper Foothills
- EX043B23B120–Limy Upland (LiU) Absaroka Upper Foothills
- EX043B23B122–Loamy (Ly) Absaroka Upper Foothills
- EX043B23B123–Loamy Calcareous (LyCa) Absaroka Upper Foothills
- EX043B23B128–Lowland (LL) Absaroka Upper Foothills
- EX043B23B130–Overflow (Ov) Absaroka Upper Foothills
- EX043B23B150–Sandy (Sy) Absaroka Upper Foothills
- EX043B23B168–Steep Loamy (SLy) Absaroka Upper Foothills
- EX043B23B170–Steep Stony Upland (SStU) Absaroka Upper Foothills
- EX043B23B172–Stony Upland (StU) Absaroka Upper Foothills
- EX043B23B174–Subirrigated (Sb) Absaroka Upper Foothills
- EX043B23B175–Skeletal (Sk) Absaroka Upper Foothills
- EX043B23C109–Cobbly Upland (CoU) Absaroka Subalpine Zone
- EX043B23C112–Gravelly (Gr) Absaroka Subalpine Zone
- EX043B23C122–Loamy (Ly) Absaroka Subalpine Zone
- EX043B23C150–Sandy (Sy) Absaroka Subalpine Zone
- EX043B23C168–Steep Loamy (SLy) Absaroka Subalpine Zone
- EX043B23C170–Steep Stony Upland (SStU) Absaroka Subalpine Zone
- EX043B23C175–Skeletal (Sk) Absaroka Subalpine Zone
- F043BP604ID–Shallow Warm Woodland Group
- F043BP607ID–Subirrigated Cool Woodland Group
- F043BP609ID–Upland Cold Woodland Group
- F043BP610ID–Upland Cool Woodland Group
- F043BP611ID–Upland, Warm Woodland Group
- F043BP616ID–Ashy Cold Woodland Group

- F043BP707WY–Subirrigated Cool Woodland Group
- F043BP708WY–Upland Aspen Woodland Group
- F043BP709WY–Upland Cold Woodland Group
- F043BP710WY–Upland Cool Woodland Group
- F043BP711WY–Upland Warm Woodland Group
- F043BP906MT–Subirrigated Cold Woodland Group
- F043BP907MT–Subirrigated Cool Woodland Group
- F043BP908MT–Upland Aspen Woodland Group
- F043BP909MT–Upland Cold Woodland Group
- F043BP910MT–Upland Cool Woodland Group
- F043BP911MT–Upland Warm Woodland Group
- F043BP912MT–Limy Cool Woodland Group
- F043BP916MT–Ashy Cold Woodland Group
- F043BP917MT–Subirrigated Cool Moist Woodland Group
- R043BP501ID–Alpine Group
- R043BP801MT–Bottomland Group
- R043BP804MT–Limy Grassland Group
- R043BP805MT–Limy Sagebrush Shrubland Group
- R043BP810MT–Shallow Grassland Group
- R043BP811MT–Shallow Sagebrush Shrubland Group
- R043BP815MT–Subirrigated Grassland Group
- R043BP816MT–Subirrigated Sagebrush Shrubland Group
- R043BP817MT–Subirrigated Shrubland Group
- R043BP818MT–Upland Grassland Group
- R043BP819MT–Upland Sagebrush Shrubland Group
- R043BP820MT–Upland Shrubland Group
- R043BP821MT–Upland Alpine Group
- R043BY002ID–Granitic 22+ PZ ARTRV/FEID
- R043BY003ID–Loamy 22+ PZ FEID-PSSPS
- R043BY004ID–Shallow Fractured Stony Loam 16-22 PZ ARTRV/FEID
- R043BY008ID–Dry Meadow PONE3-PHAL2
- R043BY009ID–Loamy 16-22 PZ ARTRV/FEID
- R043BY012ID–Mountain Poorly Drained Bottom ARCAV3-DAFRF/FEID
- R043BY013ID–South Slope Loamy 16-22 PZ ARTRV/FEID

Correlated Map Unit Components

25077067, 25077066, 25077084, 25077088, 25077096, 25077103, 25077105, 25077152, 25077156, 25077159, 25077247, 25077243, 25077313, 25077323, 25077379, 25077377, 25077383, 25077389, 25077390, 25077393, 25077398, 25077403, 25077409, 25077410, 25077505, 25077509, 25077511, 25077527, 25077559, 25077564, 25077568, 25077571, 25077578, 25077608, 25077607, 25077649, 25077687, 25077703, 25077716, 25077722, 25077785, 25077973, 25077979, 25078020, 25074859, 25102729, 25102779, 25102924, 25103075, 25103076, 25103105, 25103225, 25103310, 25103507, 25103560, 25103745, 25103712, 25103763, 26185631, 26185630, 26185742, 26185743, 26185705, 26185672, 26185747, 26185749, 26185710, 26185750, 26185716, 26185648, 26185718, 26185687, 26185688, 26185660, 26185661, 26185730, 26185693, 26185696, 26185695, 26185734, 26185775, 26185662, 25105255, 25105396, 25105559, 25105560, 25107027, 25107015, 25105476, 25105368, 25105656, 25105657, 25105664, 25105585, 25105501, 25105491, 25106137, 25106141, 25106147, 25106331, 25106406, 25106184, 25105868, 25106843, 25106841, 25106469, 25105853, 25106094, 25106260, 25106253, 25106156, 25106373, 25106849, 25106210, 25105797, 25105803, 25106682, 25106593, 25105924, 25106537, 25106867, 25106453, 25106509, 25106069, 25106895, 25106555, 25106560, 25106562, 25106579, 25107042, 25106608, 25107098, 25106616, 25106741, 25106625, 25106630, 25106650, 25107079, 25107048, 25107061, 25106653, 25106658, 25105252, 25109547, 25109627, 25109567, 26188269, 26188268, 26187724, 26188273, 26187725, 26187965, 26187967, 26187975, 26187973, 26187977, 26186960, 26187732, 26187735, 26188276, 26188667, 26188670, 26188672, 26188291, 26188292, 26187986, 26187991, 26187990, 26187989, 26187591, 26187997, 26188001, 26188007, 26187754, 26187753, 26188303, 26188302, 26188682, 26188309, 26188011, 26188848, 26188915, 26187767, 26187638, 26187771, 26187777, 26188030, 26188032, 26188334, 26187782, 26188335, 26186317, 26188343, 26187791, 26187794, 26188350, 26188348, 26188046, 26188044, 26188050, 26188733, 26188731, 26188738, 26188736, 26187805, 26188364, 26188066, 26188068, 26187810, 26187812,

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