

Ecological site group 043BESG03

Clay Uplands

Last updated: 09/09/2024
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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 or >35% subsurface

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, hills, and 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

- EX043B15I953–Montane Deciduous Clayey Outwash Terrace 20-24" PZ Cryic Northern Rocky Mountain Front
- EX043B23A104–Clayey (Cy) Absaroka Lower Foothills
- EX043B23A110–Dense Clay (DC) Absaroka Lower Foothills
- EX043B23A120–Limy Upland (LiU) Absaroka Lower Foothills
- EX043B23A121–Limy Skeletal (LiSk) Absaroka Lower Foothills
- EX043B23A122–Loamy (Ly) Absaroka Lower Foothills
- EX043B23A128–Lowland (LL) Absaroka Lower Foothills
- EX043B23A130–Overflow (Ov) Absaroka Lower Foothills
- EX043B23A174–Subirrigated (Sb) Absaroka Lower Foothills
- EX043B23B100–Channery Upland (CnU) Absaroka Upper Foothills
- EX043B23B104–Clayey (Cy) Absaroka Upper Foothills
- EX043B23B106–Clayey Overflow (CyO) Absaroka Upper Foothills
- EX043B23B109–Cobbly Upland (CoU) Absaroka Upper Foothills
- EX043B23B110–Dense Clay (DC) Absaroka Upper Foothills
- EX043B23B122–Loamy (Ly) Absaroka Upper Foothills

- EX043B23B130—Overflow (Ov) Absaroka Upper Foothills
- EX043B23B168—Steep Loamy (SLy) Absaroka Upper Foothills
- EX043B23B174—Subirrigated (Sb) Absaroka Upper Foothills
- EX043B23C104—Clayey (Cy) Absaroka Subalpine Zone
- EX043B23C106—Clayey Overflow (CyO) Absaroka Subalpine Zone
- EX043B23C109—Cobbly Upland (CoU) Absaroka Subalpine Zone
- EX043B23C110—Dense Clay (DC) Absaroka Subalpine Zone
- F043BP607ID—Subirrigated Cool Woodland Group
- F043BP609ID—Upland Cold Woodland Group
- F043BP610ID—Upland Cool Woodland Group
- F043BP707WY—Subirrigated Cool Woodland Group
- F043BP708WY—Upland Aspen Woodland Group
- F043BP709WY—Upland Cold Woodland Group
- F043BP710WY—Upland Cool 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
- F043BP917MT—Subirrigated Cool Moist Woodland Group
- R043BP801MT—Bottomland Group
- R043BP810MT—Shallow Grassland Group
- R043BP815MT—Subirrigated Grassland Group
- R043BP818MT—Upland Grassland Group
- R043BP819MT—Upland Sagebrush Shrubland Group
- R043BP820MT—Upland Shrubland Group
- R043BP821MT—Upland Alpine Group
- R043BY009ID—Loamy 16-22 PZ ARTRV/FEID
- R043BY012ID—Mountain Poorly Drained Bottom ARCAV3-DAFRF/FEID
- 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
- R043BY024ID—Subalpine Loamy 22+ PZ BRMA4/POGR9-GEVI2
- R043BY108WY—Coarse Upland High Mountains
- R043BY110WY—Dense Clay High Mountains
- R043BY122WY—Loamy High Mountains
- R043BY130WY—Overflow High Mountains
- R043BY162WY—Shallow Loamy High Mountains
- R043BY168WY—Steep Loamy High Mountains
- R043BY174WY—Subirrigated High Mountains
- R043BY204WY—Clayey Foothills and Mountains West
- R043BY210WY—Dense Clay Foothills and Mountains West
- R043BY222WY—Loamy Foothills and Mountains West
- R043BY262WY—Shallow Loamy Foothills and Mountains West
- R043BY274WY—Subirrigated Foothills and Mountains West
- R043BY304WY—Clayey (Cy) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY322WY—Loamy (Ly) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY358WY—Shallow Clayey (SwCy) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY404WY—Clayey (Cy) 15-19" Northern Plains 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

Correlated Map Unit Components

24039358, 24039376, 24039425, 24039714, 24039716, 24039020, 24038548, 24038585, 24038586, 24039598,

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Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations