

Ecological site group 043BESG04

Deep Rocky

Last updated: 09/18/2024
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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 or >30% 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 moraines.

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

- R043BY222WY–Loamy Foothills and Mountains West
- R043BY230WY–Overflow Foothills and Mountains West
- R043BY262WY–Shallow Loamy Foothills and Mountains West
- R043BY270WY–Steep Stony Foothills and Mountains West
- R043BY272WY–Stony 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
- R043BY360WY–Shallow Igneous (Swlg) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY362WY–Shallow Loamy (SwLy) 15-19" Foothills and Mountains East Precipitation Zone
- R043BY366WY–Shallow Sandy (SwSy) 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
- EX043B05C113–Granitic Loamy Bighorn Mountains Sub-alpine Zone
- EX043B15I953–Montane Deciduous Clayey Outwash Terrace 20-24" PZ 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
- EX043B23A121–Limy Skeletal (LiSk) Absaroka Lower Foothills
- EX043B23A122–Loamy (Ly) Absaroka Lower Foothills
- EX043B23A123–Loamy Calcareous (LyCa) Absaroka Lower Foothills
- EX043B23A130–Overflow (Ov) Absaroka Lower Foothills
- EX043B23A150–Sandy (Sy) Absaroka Lower Foothills
- EX043B23A162–Shallow Loamy (SwLy) Absaroka Lower Foothills
- EX043B23A172–Stony Upland (StU) Absaroka Lower Foothills
- EX043B23A174–Subirrigated (Sb) 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
- EX043B23B121–Limy Skeletal (LiSk) Absaroka Upper Foothills
- EX043B23B122–Loamy (Ly) 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 (SSStU) 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
- EX043B23C130–Overflow (Ov) Absaroka Subalpine Zone
- EX043B23C150–Sandy (Sy) Absaroka Subalpine Zone
- EX043B23C170–Steep Stony Upland (SSStU) Absaroka Subalpine Zone
- EX043B23C175–Skeletal (Sk) Absaroka Subalpine Zone
- F043BP607ID–Subirrigated Cool Woodland Group
- F043BP609ID–Upland Cold Woodland Group
- F043BP610ID–Upland Cool Woodland Group
- F043BP611ID–Upland, Warm Woodland Group
- F043BP612ID–Limy Cold Woodland Group
- F043BP616ID–Ashy Cold Woodland Group
- F043BP708WY–Upland Aspen Woodland Group
- F043BP709WY–Upland Cold Woodland Group
- F043BP710WY–Upland Cool Woodland Group
- F043BP711WY–Upland Warm Woodland Group
- F043BP901MT–Rubbly Cool Woodland Group
- F043BP902MT–Shallow Cold Woodland Group
- F043BP906MT–Subirrigated Cold 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
- F043BP913MT–Limy Warm Woodland Group
- F043BP916MT–Ashy Cold Woodland Group
- R043BP501ID–Alpine Group
- R043BP801MT–Bottomland Group
- R043BP804MT–Limy Grassland Group

- R043BP805MT–Limy Sagebrush Shrubland Group
- R043BP812MT–Shallow Shrubland Group
- R043BP815MT–Subirrigated Grassland Group
- R043BP817MT–Subirrigated Shrubland Group
- R043BP818MT–Upland Grassland Group
- R043BP819MT–Upland Sagebrush Shrubland Group
- R043BP820MT–Upland Shrubland Group
- R043BP821MT–Upland Alpine Group
- R043BP822MT–Limy Alpine Group
- R043BY003ID–Loamy 22+ PZ FEID-PSSPS
- R043BY004ID–Shallow Fractured Stony Loam 16-22 PZ ARTRV/FEID
- R043BY009ID–Loamy 16-22 PZ ARTRV/FEID
- R043BY012ID–Mountain Poorly Drained Bottom ARCAV3-DAFRF/FEID
- R043BY013ID–South Slope Loamy 16-22 PZ ARTRV/FEID
- R043BY016ID–Shallow Gravelly 16-22 PZ ARAR8/FEID
- R043BY018ID–South Slope Stony 22+ PZ PSSP6-FEID
- R043BY020ID–South Slope Gravelly 16-22 PZ ARTRV/BRMA4-ELTRT
- R043BY021ID–Mountain Loamy 22+ PZ FEID/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
- R043BY208WY–Coarse Upland Foothills and Mountains West
- R043BY212WY–Gravelly Foothills and Mountains West

Correlated Map Unit Components

24045414, 24045328, 24045520, 23871175, 23871176, 23871179, 23871209, 23871146, 23870948, 23871120, 23870967, 23870968, 23871124, 23871220, 23871125, 23870989, 23871047, 23871201, 23870957, 23871216, 23870964, 23871058, 23871119, 23870986, 23871065, 23871144, 23871068, 23871054, 23871055, 23871070, 23871133, 23871132, 23871095, 23871191, 23870975, 23871192, 23871193, 23871037, 23871038, 23871202, 23871048, 23870969, 23870971, 23871151, 23871049, 23870961, 23870963, 23871041, 23871185, 23871187, 23871031, 23871032, 23871033, 23870953, 23870954, 23871076, 23871077, 23871223, 23871224, 23871159, 23871084, 23870997, 23870999, 23871086, 23871090, 23871089, 23871164, 23871229, 23871230, 23871079, 23871233, 23871234, 23858369, 23858199, 23858367, 23858260, 23858314, 23858366, 23858168, 23858170, 23858299, 23858172, 23858241, 23858301, 23858302, 23858359, 23984054, 23984009, 23983881, 23983882, 23983993, 23984064, 23983994, 23983896, 23983942, 23984048, 23984061, 23983893, 23983947, 23983948, 23983999, 23984000, 23983943, 23983883, 23984014, 23983944, 23983876, 23987464, 23987427, 23987483, 23987409, 23987407, 23987401, 23987405, 23987297, 23987450, 23987432, 23987431, 23987357, 23987358, 23987362, 23987363, 23987318, 23987433, 23878869, 23878805, 23878876, 23878870, 23878872, 23881494, 23881470, 23881546, 23881629, 23889723, 23889754, 23889732, 23889735, 23889737, 23889762, 23889721, 23889765, 23889747, 23929301, 23929330, 23929277, 23929389, 23929392, 23929393, 23929337, 23929288, 23929313, 23929374, 23929375, 23929263, 23929265, 23929314, 23929377, 23929316, 23929380, 23929381, 23932229, 23932231, 23932236, 23932239, 23932196, 23932232, 23946715, 23946905, 23946666, 23946711, 23946673, 23946589, 23946744, 23946745, 23946950, 23946964, 23954151, 23954060, 23954061, 23954153, 23953909, 23953910, 23954203, 23954204, 23953941, 23953945, 23804887, 23804891, 23804744, 23804745, 23804680, 23804677, 23804962, 23804965, 23804537, 23804695, 23804696, 23804876, 23804877, 23804548, 23804549, 23804670, 23804671, 23804672, 23804647, 23804650, 23804648, 23804825, 23804827, 23804829, 23804830, 23804832, 23804834, 23804836, 23859319, 23859418, 23986945, 23987212, 23987214, 23986783, 23987285, 23987218, 23987061, 23986761, 23987070, 23987074, 23986839, 23986838, 23987035, 23987036, 23986859, 23987080, 23987079, 23986750, 23986739, 23986740, 23986741, 23986742, 23986782, 23986828, 23986868, 23986877, 23986705, 23986707, 23986962, 23986964, 23987252, 23987217, 23987215, 23986835, 23986836, 23986798, 23986966, 23986766, 23987278, 23986764, 23987039, 23986842, 23987037, 23987045, 23986730, 23986731, 23986975, 23986976, 23986977, 23986979, 23986734, 23986733, 23987048, 23986933,

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