Ecological site group 047XESG04
Deep Rocky

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Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR <8 and 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 ESG is located on mountain slopes and hillslopes.

Vegetation dynamics

The modal ecological site for this ESG is R047XA461UT Mountain Stony Loam (mountain big sagebrush).

Major Land Resource Area

MLRA 047X
Wasatch and Uinta Mountains

Subclasses

- F047XA508UT–High Mountain Loam (quaking aspen)
- F047XA512UT–High Mountain Loam (Douglas-fir)
- F047XA531UT–High Mountain Stony Loam (quaking aspen)
- F047XA532UT–High Mountain Stony Loam (Douglas-fir)
- F047XA533UT–High Mountain Stony Loam (mixed conifer)
- F047XA610UT–Subalpine Gravelly Loam (subalpine fir/Engelmann spruce)
- F047XB512UT–High Mountain Loam (Douglas-fir)
- F047XC512UT–High Mountain Stony Loam (Douglas-fir)
- F047XC541UT–High Mountain Very Steep Stony Loam (Douglas-fir)
- R047XA004UT–Interzonal Cold Semi-wet Fresh Meadow (meadow sedge/tufted hairgrass)
- R047XA006UT–Semi-wet Fresh Streambank (narrowleaf cottonwood)
- R047XA016UT–Loamy Bottom (basin wildrye)
- R047XA305UT–Upland Stony Loam (Utah juniper)
- R047XA308UT–Upland Loam (basin big sagebrush)
- R047XA332UT–Upland Stony Loam (black sagebrush)
- R047XA334UT–Upland Stony Loam (mountain big sagebrush)
- R047XA336UT–Upland Stony Loam (pinyon/Utah juniper)
- R047XA338UT–Upland Stony Loam (Wyoming big sagebrush)
- R047XA406UT–Mountain Gravelly Loam (mountain big sagebrush)

- R047XA408UT–Mountain Gravelly Loam (Douglas-fir)
- R047XA410UT–Mountain Gravelly Loam (oak)
- R047XA416UT–Mountain Loamy Bottom (basin big sagebrush)
- R047XA418UT–Mountain Loam (bigtooth maple)
- R047XA430UT–Mountain Loam (mountain big sagebrush)
- R047XA432UT–Mountain Loam (oak)
- R047XA434UT–Mountain Loam (shrub)
- R047XA438UT–Mountain Shallow Loam (black sagebrush)
- R047XA454UT–Mountain Stony Clay (slender wheatgrass)
- R047XA456UT–Mountain Stony Loam (antelope bitterbrush)
- R047XA458UT–Mountain Stony Loam (quaking aspen thicket)
- R047XA460UT–Mountain Stony Loam (browse)
- R047XA461UT–Mountain Stony Loam (mountain big sagebrush)
- R047XA463UT–Mountain Stony Loam (Gambel oak)
- R047XA465UT–Mountain Stony Loam (Rocky Mountain juniper)
- R047XA471UT–Mountain Very Steep Stony Loam (oak)
- R047XA473UT–Mountain Very Steep Stony Loam (browse)
- R047XA474UT–Mountain Very Steep Stony Loam (mountain big sagebrush)
- R047XA475UT–Mountain Windswept Ridge (black sagebrush)
- R047XA516UT–High Mountain Loam (mountain big sagebrush)
- R047XA517UT–High Mountain Loam (silver sagebrush)
- R047XA530UT–High Mountain Gravelly Loam (subalpine big sagebrush)
- R047XA557UT–High Mountain Gravelly Loam (tall forb)
- R047XA560UT–High Mountain Gravelly Loam (mountain big sagebrush)
- R047XA611UT–Subalpine Clay Loam (mixed grasses/forbs)
- R047XA630UT–Subalpine Stony Loam (snowfield sagebrush)
- R047XB210UT–Semidesert Gravelly Loam (black sagebrush)
- R047XB214UT–Semidesert Gravelly Loam (Wyoming big sagebrush)
- R047XB252UT–Semidesert Stony Loam (black sagebrush)
- R047XB303UT–Upland Clay (pinyon/Utah juniper)
- R047XB304UT–Upland Gravelly Loam (pinyon/Utah juniper)
- R047XB306UT–Upland Gravelly Loam (black sagebrush)
- R047XB308UT–Upland Loam (mountain big sagebrush/Indian ricegrass)
- R047XB309UT–Upland Loam (black sagebrush)
- R047XB316UT–Upland Shallow Hardpan (black sagebrush)
- R047XB326UT–Upland Shallow Loam (pinyon/Utah juniper)
- R047XB332UT–Upland Stony Loam (black sagebrush)
- R047XB333UT–Upland Stony Loam (pinyon/Utah juniper)
- R047XB336UT–Upland Stony Loam (mountain big sagebrush)
- R047XB406UT–Mountain Gravelly Loam (mountain big sagebrush)
- R047XB410UT–Mountain Gravelly Loam (oak)
- R047XB420UT–Mountain Loam (shrub)
- R047XB426UT–Mountain Loam (black sagebrush)
- R047XB428UT–Mountain Loam (low sagebrush)
- R047XB430UT–Mountain Loam (mountain big sagebrush)
- R047XB432UT–Mountain Loam (oak)
- R047XB433UT–Mountain Loam (ponderosa pine)
- R047XB450UT–Mountain Shallow Loam (ponderosa pine)
- R047XB462UT–Mountain Stony Loam (mountain big sagebrush)
- R047XB463UT–Mountain Stony Loam (oak)
- R047XB475UT–Mountain Windswept Ridge (black sagebrush or low sagebrush)
- R047XB508UT–High Mountain Loam (aspen)
- R047XB516UT–High Mountain Loam (mountain big sagebrush)
- R047XB519UT–High Mountain Loam (mixed conifer)
- R047XB532UT–High Mountain Stony Loam (Douglas-fir)
- R047XB539UT–High Mountain Stony Loam (mixed conifer)
- R047XC004UT–Semi-wet Fresh Meadow
- R047XC006UT–Semi-wet Fresh Streambank (narrowleaf cottonwood)

- R047XC007UT–Semi-moist Stream Terrace (ponderosa pine)
- R047XC320UT–Upland Shallow Loam (black sagebrush)
- R047XC326UT–Upland Shallow Loam (pinyon/Utah juniper)
- R047XC332UT–Upland Stony Loam (black sagebrush)
- R047XC335UT–Upland Stony Loam (pinyon/Utah juniper)
- R047XC336UT–Upland Stony Loam (Bonneville big sagebrush)
- R047XC338UT–Upland Stony Loam (Wyoming big sagebrush)
- R047XC340UT–Upland Very Steep Stony Loam (pinyon/Utah juniper)
- R047XC430UT–Mountain Loam (mountain big sagebrush)
- R047XC456UT–Mountain Stony Loam (antelope bitterbrush)
- R047XC460UT–Mountain Stony Loam (shrub)
- R047XC461UT–Mountain Stony Loam (curl-leaf mountain mahogany)
- R047XC462UT–Mountain Stony Loam (mountain big sagebrush)
- R047XC475UT–Mountain Windswept Ridge (black sagebrush)
- R047XY009ID–Mountain Loam 18-22 PZ ACGRG/ARTRV/PSSP6
- R047XY247CO–Deep Clay Loam
- R047XY378CO–Mountain Stony Loam

Correlated Map Unit Components

22859348, 22860325, 22860417, 22860436, 22860541, 22859476, 22859477, 22859565, 22859976, 22860096, 22860097, 22860183, 22860182, 22860179, 22859992, 22859991, 22860007, 22860015, 22860030, 22860037, 22860063, 22860615, 22860616, 22860851, 22860881, 22860882, 22860758, 22860739, 22860700, 22860699, 22860696, 22854630, 22854553, 22854554, 22854559, 22854178, 22854533, 22854542, 22854247, 22854246, 22854241, 22854153, 22854530, 22854556, 22854763, 22854593, 22854457, 22854732, 22854567, 22854745, 22854379, 22854206, 22854534, 22854510, 22854573, 22854574, 22854582, 22854655, 22854657, 22854662, 22854663, 22854666, 22854670, 22854671, 22854673, 22854676, 22854679, 22854685, 22854693, 22854695, 22854696, 22854697, 22854703, 22854716, 22854717, 22600633, 22598821, 22600637, 22600639, 22599777, 22600535, 22599083, 22599084, 22599943, 22600196, 22599248, 22599251, 22600384, 22600188, 22600189, 22598804, 22599937, 22598655, 22598579, 22600820, 22598989, 22598991, 22600752, 22599780, 22600191, 22600193, 22598634, 22600065, 22600068, 22600069, 22600108, 22600566, 22600487, 22600298, 22599515, 22600574, 22600322, 22600696, 22600697, 22599522, 22599287, 22599019, 22599020, 22599024, 22599586, 22599588, 22599600, 22599602, 22599034, 22599298, 22599534, 22599539, 22599304, 22599307, 22599305, 22599610, 22599049, 22599319, 22600849, 22600784, 22600786, 22600851, 22600850, 22600854, 22598975, 22599234, 22599238, 22599646, 22599666, 22599656, 22599661, 22598849, 22598638, 22598642, 22598650, 22712738, 22712695, 22712785, 22712787, 22712788, 22712792, 22712794, 22712805, 22603411, 22603628, 22603629, 22603871, 22604148, 22602898, 22369385, 22369386, 22370361, 22370364, 22370372, 22370366, 22370380, 22370393, 22369018, 22369022, 22369617, 22369859, 22369488, 22369302, 22368971, 22368975, 22370155, 22368962, 22368965, 22368893, 22369101, 22369070, 22369159, 22369133, 22369121, 22368955, 22369501, 22369474, 22369476, 22369749, 22369058, 22369057, 22369086, 22369085, 22369026, 22369053, 22368948, 22369172, 22369174, 22369076, 22368993, 22369044, 22369460, 22369463, 22369210, 22368987, 22371216, 22371215, 22371367, 22371380, 22371387, 22371416, 22371421, 22371439, 22371437, 22371502, 22370621, 22370625, 22370642, 22370644, 22370650, 22370677, 22370847, 22371575, 22371588, 22371760, 22371761, 22371762, 22371766, 22371772, 22371825, 22372062, 22372448, 22372471, 22372482, 22372485, 22372492, 22372496, 22372497, 22372500, 22372620, 22372774, 22373176, 22373181, 22373185, 22373391, 22373395, 22373470, 22373472, 22373474, 22373480, 22373478, 22373521, 22373524, 22373529, 22373532, 22373548, 22373550, 22373554, 22373557, 22373561, 22373575, 22373601, 22373599, 22373606, 22373607, 22373609, 22373612, 22373610, 22373615, 22373688, 22373694, 22373711, 22373712, 22373748, 22373768, 22373773, 22373803, 22373810, 22373815, 22373829, 22373833, 22373303, 22373302, 22373305, 22373379, 22373381, 22373384, 22374714, 22374721, 22374748, 22374794, 22374844, 22374909, 22374913, 22374917, 22374970, 22375047, 22375052, 22375106, 22375133, 22375138, 22375142, 22375212, 22375214, 22375228, 22375453, 22375455, 22375457, 22375470, 22375472, 22401355, 22401359, 22401364, 22401371, 22401565, 22401664, 22401669, 22401742, 22401780, 22401829, 22401845, 22401849, 22401988, 22401995, 22402027, 22402033, 22402036, 22402042, 22402102, 22402151, 22402168, 22402188, 22402201, 22402221, 22402231, 22402232, 22402233, 22402289, 22402238, 22402248, 22402307, 22402316, 22402317, 22402374, 22402385, 22402401, 22402469, 22402529, 22402534, 22402535, 22402536, 22402544, 22402560, 22402547, 22402551, 22402545, 22402552, 22402571, 22402617, 22402626, 22402605, 22402637, 22402675, 22402676, 22402705, 22402706, 22402725, 22402764, 22402773, 22402776, 22403262, 22403268, 22403364, 22403388, 22403396,

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Stage

Provisional

Contributors

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State and transition model

Citations