Ecological site group 047XESG06
Loamy Uplands

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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 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 ESG is located on mountain slopes and hillslopes.

Vegetation dynamics

The modal ecological site for this ESG is F047XA508UT High mountain loam (quaking aspen).

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)
- F047XA542UT–High Mountain Stony Sandy Loam (lodgepole pine)
- F047XA610UT–Subalpine Gravelly Loam (subalpine fir/Engelmann spruce)
- F047XC508UT–High Mountain Loam (quaking aspen)
- R047XA004UT–Interzonal Cold Semi-wet Fresh Meadow (meadow sedge/tufted hairgrass)
- R047XA006UT–Semi-wet Fresh Streambank (narrowleaf cottonwood)
- R047XA016UT–Loamy Bottom (basin wildrye)
- R047XA308UT–Upland Loam (basin big sagebrush)
- R047XA316UT–Upland Shallow Loam (black sagebrush)
- R047XA321UT–Upland Shallow Loam (Utah juniper)
- R047XA332UT–Upland Stony Loam (black sagebrush)
- R047XA336UT–Upland Stony Loam (pinyon/Utah juniper)

- R047XA338UT–Upland Stony Loam (Wyoming big sagebrush)
- R047XA406UT–Mountain Gravelly Loam (mountain big sagebrush)
- 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)
- R047XA440UT–Mountain Shallow Loam (curl-leaf mountain mahogany)
- R047XA456UT–Mountain Stony Loam (antelope bitterbrush)
- R047XA460UT–Mountain Stony Loam (browse)
- R047XA461UT–Mountain Stony Loam (mountain big sagebrush)
- R047XA463UT–Mountain Stony Loam (Gambel oak)
- R047XA473UT–Mountain Very Steep Stony Loam (browse)
- R047XA474UT–Mountain Very Steep Stony Loam (mountain big sagebrush)
- R047XA475UT–Mountain Windswept Ridge (black sagebrush)
- R047XA510UT–High Mountain Loam (bigtooth maple)
- R047XA516UT–High Mountain Loam (mountain big sagebrush)
- R047XA525UT–High Mountain Shallow Loam (low 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)
- R047XA614UT–Subalpine Loam (cranesbill)
- R047XA624UT–Subalpine Semiwet Meadow (tufted hairgrass)
- R047XA630UT–Subalpine Stony Loam (snowfield sagebrush)
- R047XB004UT–Semi-wet Fresh Meadow
- R047XB008UT–Wet Fresh Meadow
- R047XB210UT–Semidesert Gravelly Loam (black sagebrush)
- R047XB214UT–Semidesert Gravelly Loam (Wyoming big sagebrush)
- R047XB221UT–Semidesert Loam (black sagebrush)
- R047XB222UT–Semidesert Loam (Wyoming big sagebrush)
- R047XB252UT–Semidesert Stony Loam (black sagebrush)
- R047XB306UT–Upland Gravelly Loam (black sagebrush)
- R047XB308UT–Upland Loam (mountain big sagebrush/Indian ricegrass)
- R047XB309UT–Upland Loam (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)
- R047XB442UT–Mountain Shallow Loam (low sagebrush)
- R047XB463UT–Mountain Stony Loam (oak)
- R047XB519UT–High Mountain Loam (mixed conifer)
- R047XB539UT–High Mountain Stony Loam (mixed conifer)
- R047XC016UT–Loamy Bottom (basin big sagebrush)
- R047XC308UT–Upland Loam (Wyoming big sagebrush)
- R047XC310UT–Upland Loam (mountain big sagebrush)
- R047XC320UT–Upland Shallow Loam (black sagebrush)
- R047XC336UT–Upland Stony Loam (Bonneville big sagebrush)
- R047XC338UT–Upland Stony Loam (Wyoming big sagebrush)
- R047XC339UT–Upland Stony Loam (shrub)

- R047XC430UT–Mountain Loam (mountain big sagebrush)
- R047XC461UT–Mountain Stony Loam (curl-leaf mountain mahogany)
- R047XC475UT–Mountain Windswept Ridge (black sagebrush)
- R047XY010ID–High Mountain Loam 25-35 PZ ACSAG2/PHMA5/BRCA5

Correlated Map Unit Components

22599226, 22598973, 22598983, 22598981, 22599507, 22599511, 22599510, 22599645, 22599664, 22599667, 22599668, 22598852, 22598643, 22712739, 22712696, 22712697, 22712777, 22712778, 22712784, 22712786, 22712791, 22712793, 22712795, 22712796, 22712811, 22712804, 22604126, 22602790, 22602789, 22602602, 22602605, 22603625, 22604018, 22604019, 22604178, 22603333, 22603331, 22602899, 22370358, 22369862, 22369544, 22369542, 22368969, 22368973, 22369004, 22370154, 22368961, 22369800, 22369802, 22369809, 22369200, 22368966, 22369106, 22369149, 22368895, 22369068, 22369158, 22369349, 22369524, 22369127, 22369088, 22369090, 22369747, 22368978, 22368950, 22368991, 22368942, 22368946, 22369630, 22369207, 22370676, 22370920, 22371756, 22372059, 22373476, 22373492, 22373534, 22373540, 22373604, 22373680, 22373682, 22373684, 22373689, 22373693, 22373691, 22373696, 22373719, 22373304, 22374693, 22374701, 22374741, 22374758, 22374783, 22374860, 22374907, 22374922, 22374958, 22374963, 22374968, 22374983, 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Stage

Provisional

Contributors

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Travis Nauman

State and transition model

Citations