

Ecological site group 030XESG14

Shallow

Last updated: 04/04/2023
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Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR <8, and Subsurface EC <8, and Surface EC <4
- Gypsum <5% surface and <10% subsurface
- EC <1.5 surface and <2 subsurface
- slope <35% or <40% surface rock
- Depth: 30-55 cm

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 fan terraces, mesas, and hills.

Vegetation dynamics

The modal ecological site for this ESG is R030XB005NV Arid Active Alluvial Fans.

Major Land Resource Area

MLRA 030X
Mojave Basin and Range

Subclasses

- F030XC001CA–Granitic, Loamy, Lithic Mountain Slopes
- F030XC238NV–Shallow Metamorphic Mesic Mountains
- F030XC243NV–Pinus monophylla-Juniperus osteosperma/Purshia stansburiana-Artemisia nova/Bouteloua gracilis
- F030XC246NV–Pinus monophylla-Juniperus osteosperma/Purshia stansburiana-Artemisia tridentata ssp. vaseyana/Poa fendleriana
- F030XC278NV–Pinus monophylla-Juniperus osteosperma/Artemisia tridentata ssp. vaseyana/Poa fendleriana-Bouteloua gracilis
- R030XA010CA–Calcareous Hill 3-5
- R030XA012CA–Calcareous Loam 5-7
- R030XA020CA–Arid Fans 5-7
- R030XA029CA–Shallow Limy 5-7
- R030XA030CA–Shallow Loam 5-7
- R030XA044NV–LOAMY HILL 5-7 P.Z.
- R030XA059NV–GRAVELLY HILL 5-7 P.Z.
- R030XA068NV–CALCAREOUS HILL 5-7 P.Z.
- R030XA094NV–SHALLOW GRAVELLY LOAM 5-7 P.Z.
- R030XA095NV–SHALLOW GRAVELLY SLOPE 5-7 P.Z.
- R030XA120AZ–Sandy Loam Hills 3-6" p.z. Limy, Gravelly, Shallow

- R030XB001NV–LIMY HILL 5-7 P.Z.
- R030XB005NV–Arid Active Alluvial Fans
- R030XB009CA–Loamy Cool Aridic Fans 6-8
- R030XB010NV–LOAMY SLOPE 5-7 P.Z.
- R030XB014NV–SHALLOW GRAVELLY LOAM 7-9 P.Z.
- R030XB015NV–SHALLOW GRAVELLY SLOPE 7-9 P.Z.
- R030XB017NV–LIMY HILL 3-5 P.Z.
- R030XB019NV–Eroded Fan Remnant Pavette 4-6 P.Z.
- R030XB029NV–SHALLOW GRAVELLY LOAM 5-7 P.Z.
- R030XB030NV–SHALLOW LIMESTONE SLOPE 5-7 P.Z.
- R030XB067NV–BOULDERY HILL 5-7 P.Z.
- R030XB068NV–LIMESTONE HILL 5-7 P.Z.
- R030XB069NV–BASALTIC HILL 5-7 P.Z.
- R030XB070NV–VOLCANIC HILL 5-7 P.Z.
- R030XB071NV–VOLCANIC SLOPE 7-9 P.Z.
- R030XB076NV–SHALLOW GRAVELLY SLOPE 6-8 P.Z.
- R030XB077NV–STEEP SOUTH SLOPE
- R030XB092NV–DESERT PATINA
- R030XB102NV–GRAVELLY LOAM 5-7 P.Z.
- R030XB107NV–COARSE GRAVELLY LOAM 5-7 P.Z.
- R030XB126NV–GRAVELLY PEDIMENT 5-7 P.Z.
- R030XB139CA–Shallow Dry Hill 4-6 P.Z.
- R030XB140CA–Shallow Hill 4-6" P.Z.
- R030XB141CA–Loamy 5-7" P.Z.
- R030XB156CA–Limy 5-7" p.z. (Low Production)
- R030XB164CA–Steep South Slopes
- R030XB166CA–Dissected Pediment, Cool
- R030XB171CA–Dissected Pediment
- R030XB188CA–Cool Shallow to Moderately Deep Fans
- R030XB189CA–Shallow Cool Hills
- R030XB201AZ–Andesite Hills 6-9" p.z. Coarse
- R030XB202AZ–Basalt Hills 6-9" p.z.
- R030XB210AZ–Limestone Hills 6-9" p.z.
- R030XB212AZ–Limy Slopes 6-9" p.z.
- R030XB214AZ–Limy Upland 6-9" p.z.
- R030XB228CA–Warm Shallow Pediments
- R030XC007NV–SHALLOW GRAVELLY LOAM 7-9 P.Z.
- R030XC023NV–SHALLOW GRAVELLY FAN 11-15 P.Z.
- R030XC034NV–SHALLOW GRAVELLY LOAM 9-11 P.Z.
- R030XC037NV–SHALLOW LOAM 9-11 P.Z.
- R030XC040NV–STEEP NORTH SLOPE 9-11 P.Z.
- R030XC041NV–GRAVELLY FAN APRON 9-11 P.Z.
- R030XC042NV–GRAVELLY LOAM 9-11 P.Z.
- R030XC189CA–Bi-Modal Semi-Arid Shallow Cool Hills
- R030XC232CA–Petrocalcic Fan Remnants
- R030XC237CA–Shallow Limestone Slopes
- R030XC306AZ–Granitic Hills 10-13" p.z. Alkaline
- R030XC308AZ–Limy Fan 10-13" p.z.
- R030XC311AZ–Limy Upland 10-13" p.z.
- R030XC324AZ–Shallow Upland 10-13" p.z.
- R030XC327AZ–Sandy Loam Hills 10-13" p.z. Limy, Shallow
- R030XC331AZ–Sandy Loam Slopes 10-13" p.z. Limy, Skeletal
- R030XC333AZ–Basalt Hills 10-13" p.z. Limy
- R030XD004CA–Low-Production Hyperthermic Hills
- R030XD042CA–Hyperthermic Shallow To Moderately Deep Fan Remnants
- R030XE196CA–Sandy Xeric-Intergrade Slopes
- R030XF003CA–COARSE LOAMY
- R030XF012CA–Sandy

- R030XF033CA–GRAVELLY LOAM
- R030XG023CA–SHALLOW LOAMY 4-9"
- R030XY002CA–Desert Pavement
- R030XY120UT–Desert Sand (Indian ricegrass)
- R030XY134UT–Desert Shallow Loam (Creosotebush)
- R030XY230UT–Semidesert Shallow Hardpan (Blackbrush)

Correlated Map Unit Components

22338487, 22338499, 22338503, 22338507, 22338509, 22338640, 22338645, 22338647, 22338649, 22338670, 22338673, 22338675, 22338677, 22341227, 22341230, 22341339, 22341340, 22341516, 22341343, 22341417, 22341584, 22341424, 22341426, 22341499, 22341539, 22341567, 22340856, 22340891, 22340894, 22391325, 22391418, 22390981, 22391013, 22391351, 22391006, 22391021, 22391094, 22391024, 22391127, 22391069, 22391338, 22391426, 22390980, 22391412, 22391040, 22391398, 22391288, 22391078, 22391087, 22391082, 22394960, 22394959, 22395143, 22395142, 22394916, 22394928, 22394942, 22394912, 22639784, 22639786, 22639843, 22639950, 22639879, 22639880, 22639881, 22639886, 22639885, 22639850, 22639938, 22639809, 22639940, 22641801, 22641859, 22641469, 22641468, 22641489, 22641512, 22642281, 22642390, 22642545, 22642548, 22642550, 22642551, 23236827, 23236833, 22645181, 22645185, 22655358, 22655568, 22655243, 22655375, 22655394, 22655472, 22655471, 22655103, 22655141, 22655225, 22655115, 22655425, 22655421, 22655541, 22655122, 22655542, 22655560, 22655134, 22655137, 22655147, 22655566, 22658166, 22658219, 22658239, 22658248, 22658525, 22658465, 22658371, 22658366, 22673370, 22673417, 22661082, 22661750, 22661513, 22661735, 22661212, 22661202, 22661201, 22661583, 22661498, 22661775, 22661639, 22661456, 22661168, 22661334, 22661557, 22661560, 22661449, 22661772, 22661072, 22661686, 22661172, 22661489, 22661595, 22662962, 23489615, 23489604, 23489289, 23489285, 23489306, 23489586, 23487739, 23487756, 23148821, 23148822, 23148938, 23148795, 23148702, 23148759, 23148757, 23148676, 23148723, 23148851, 23148984, 23148943, 23148797, 23148867, 23148863, 23148862, 23148686, 23148620, 23148929, 23148928, 23151329, 23151330, 23151569, 23237415, 23237443, 23237450, 23237446, 23237457, 23237474, 23237471, 23237469, 23237475, 23237476, 23237483, 23237489, 23237496, 23237537, 23237545, 23237609, 23237612, 23237616, 23237631, 23237637, 23237645, 23237646, 23237648, 23237659, 23237671, 23237669, 23237692, 23237697, 23237916, 23238395, 23238417, 23238281, 23238253, 23238244, 23238330, 23238528, 23239715, 23238609, 23238610, 23239243, 23239650, 23239488, 23238881, 23238920, 23238938, 23238951, 23238960, 23238968, 23239513, 23239506, 23239502, 23238988, 23239001, 23239538, 23239016, 23239032, 23239033, 23239038, 23239071, 23239576, 23239499, 23238342, 23239085, 23239565, 23239106, 23239116, 23239129, 23239520, 23239602, 23239616, 23239826, 23239892, 23239891, 23239933, 23239849, 23239719, 23239724, 23239925, 23239958, 23239809, 23239856, 23239859, 23239862, 23239866, 23239869, 22826052, 22826000, 22825989, 22826071, 22826075, 22826076, 22826081, 22826090, 22826156, 22826160, 22826177, 22826314, 22826316, 22826344, 22826365, 22826844, 22826432, 22826433, 22826434, 22826437, 22826854, 22826545, 22826674, 22826716, 22826774, 22826944, 22826982, 22826983, 22827173, 22827189, 22827190, 22827252, 22827033, 22827046, 22827052, 22827063, 22827062, 22827075, 22828847, 22828851, 22828855, 22601573, 22601152, 22600942, 22601204, 22601619, 22600998, 22601000, 22601233, 22601455

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations