

Ecological site group 030XESG15

Very Shallow

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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 <30cm

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 hills, mountains, and pediments.

Climate

This ESG is characterized by the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R030XB140CA Shallow Hill 4-6" P.Z.

Major Land Resource Area

MLRA 030X

Mojave Basin and Range

Subclasses

- F030XC001CA–Granitic, Loamy, Lithic Mountain Slopes
- F030XC238NV–Shallow Metamorphic Mesic Mountains
- F030XC249NV–Pinus monophylla/Quercus gambelii/Poa fendleriana
- F030XC278NV–Pinus monophylla-Juniperus osteosperma/Artemisia tridentata ssp. vaseyana/Poa fendleriana-Bouteloua gracilis
- F030XC375AZ–Granitic Hills 13-17" p.z. Stony (PIMO)
- R030XA001CA–Cool Loamy Fan Remnants 5-7
- R030XA002CA–Calcareous Fan 5-7
- R030XA006NV–SHALLOW LIMESTONE SLOPE 5-7 P.Z.
- R030XA010CA–Calcareous Hill 3-5
- R030XA035CA–Sedimentary Hill
- R030XA047CA–Shallow Granitic Slope 5-7" p.z.
- R030XA047NV–BARREN FAN
- R030XA048CA–Shallow Fans 5-7
- R030XA054NV–Limy Hill 5-7 P.Z.

- R030XA059NV–GRAVELLY HILL 5-7 P.Z.
- R030XA067NV–LIMY HILL 3-5 P.Z.
- R030XA101AZ–Basalt Hills 3-6" p.z.
- R030XA104AZ–Granitic Hills 3-6" p.z.
- R030XA108AZ–Limy Upland 3-6" p.z.
- R030XA118AZ–Volcanic Hills 3-6" p.z.
- R030XA120AZ–Sandy Loam Hills 3-6" p.z. Limy, Gravelly, Shallow
- R030XB001NV–LIMY HILL 5-7 P.Z.
- R030XB004NV–SANDY 5-7 P.Z.
- R030XB005NV–Arid Active Alluvial Fans
- R030XB008NV–SHALLOW GRANITIC HILL 5-7 P.Z.
- R030XB010NV–LOAMY SLOPE 5-7 P.Z.
- R030XB015NV–SHALLOW GRAVELLY SLOPE 7-9 P.Z.
- R030XB016NV–GRANITIC HILL 3-5 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.
- R030XB056NV–SHALLOW GRANITIC SLOPE 5-7 P.Z.
- R030XB057NV–SHALLOW GRANITIC LOAM 5-7 P.Z.
- R030XB062NV–GRANITIC SLOPE 3-5 P.Z.
- R030XB068NV–LIMESTONE 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
- R030XB087NV–GRANITIC SLOPE 5-7 P.Z.
- R030XB116NV–SHALLOW PEDIMENT 3-5 P.Z.
- R030XB121CA–Calcareous Hill 5-7" P.Z.
- R030XB122CA–Calcareous Loam 3-5" P.Z.
- R030XB123CA–Granitic Hill 5-7" P.Z.
- R030XB124NV–SHALLOW HILL 3-5 P.Z.
- R030XB125NV–CHANNERY HILL 3-5 P.Z.
- R030XB127NV–SHALLOW SANDSTONE SLOPE 3-5 P.Z.
- R030XB128NV–SHALLOW LIMESTONE HILL 5-7 P.Z.
- R030XB135CA–Cobbly Loam 5-7" P.Z.
- R030XB139CA–Shallow Dry Hill 4-6 P.Z.
- R030XB140CA–Shallow Hill 4-6" P.Z.
- R030XB144CA–Shallow Granitic Slope 5-7" P.Z.
- R030XB153CA–Loamy Hill 5-7" P.Z.
- R030XB164CA–Steep South Slopes
- R030XB166CA–Dissected Pediment, Cool
- R030XB170CA–Bouldery Very Shallow To Shallow Gravelly Slopes
- R030XB171CA–Dissected Pediment
- R030XB172CA–Warm Gravelly Shallow Hills
- R030XB179CA–LRU changed to XA then to XE
- R030XB188CA–Cool Shallow to Moderately Deep Fans
- R030XB189CA–Shallow Cool Hills
- R030XB193CA–Very Shallow To Moderately Deep Gravelly Slopes
- R030XB201AZ–Andesite Hills 6-9" p.z. Coarse
- R030XB204AZ–Breaks 6-9" p.z.
- R030XB208CA–CORA-AMDU2-(SICH) Fan Remnants
- R030XB210AZ–Limestone Hills 6-9" p.z.
- R030XB214AZ–Limy Upland 6-9" p.z.
- R030XB220CA–Very Shallow Duripan Fan Remnants
- R030XB221CA–Loamy Fan Remnants And Pediments
- R030XB225CA–Warm Sloping Pediments
- R030XB228CA–Warm Shallow Pediments

- R030XB230CA–Very Rarely Flooded Deep Fan Remnants
- R030XC002CA–Shallow Loamy-Skeletal Ustic Low Slopes
- R030XC007NV–SHALLOW GRAVELLY LOAM 7-9 P.Z.
- R030XC008NV–SHALLOW LIMESTONE SLOPE 7-9 P.Z.
- R030XC018NV–SHALLOW GRAVELLY SLOPE 11-13 P.Z.
- R030XC027NV–SHALLOW GRAVELLY SANDSTONE 7-9 P.Z.
- R030XC034NV–SHALLOW GRAVELLY LOAM 9-11 P.Z.
- R030XC038NV–SHALLOW GRAVELLY SLOPE 9-11 P.Z.
- R030XC044NV–ERODED SOUTH SLOPE 9-11 P.Z.
- R030XC236CA–Lithic Slopes
- R030XC238CA–Bi-Modal Semi-Desert Deep Fans 8-10 inches
- R030XC306AZ–Granitic Hills 10-13" p.z. Alkaline
- R030XC307AZ–Limestone Hills 10-13" p.z.
- R030XC308AZ–Limy Fan 10-13" p.z.
- R030XC324AZ–Shallow Upland 10-13" p.z.
- R030XC327AZ–Sandy Loam Hills 10-13" p.z. Limy, Shallow
- R030XC333AZ–Basalt Hills 10-13" p.z. Limy
- R030XD001CA–Hyperthermic Dry Hills
- R030XD003CA–Hyperthermic Steep South Slopes
- R030XD015CA–Hyper-Arid Fans
- R030XD042CA–Hyperthermic Shallow To Moderately Deep Fan Remnants
- R030XE191CA–Dry Sandy Mountain Slopes
- R030XE196CA–Sandy Xeric-Intergrade Slopes
- R030XE199CA–Stony Hills, Xeric Intergrade (QUC07-CEMO2-PIMO-JUCA7-CORA)
- R030XE200CA–Xeric Very Deep Sandy Fan Aprons On Pediments
- R030XY002CA–Desert Pavement
- R030XY023CA–Hyperthermic Dissected Shallow Pediment

Correlated Map Unit Components

22338445, 22338505, 22338520, 22338567, 22338580, 22341550, 22341563, 22341487, 22341489, 22341496, 22341538, 22391199, 22390983, 22391186, 22391167, 22390957, 22390955, 22391042, 22391028, 22391425, 22390979, 22391009, 22391005, 22391136, 22391165, 22391018, 22391171, 22391219, 22391250, 22391183, 22391181, 22391335, 22391286, 22391080, 22394153, 22394070, 22395141, 22395140, 22395034, 22394945, 22394906, 22395138, 22576541, 22639829, 22639943, 22641687, 23236765, 22645127, 22645056, 22645000, 22648544, 22648392, 22648393, 22648520, 22655356, 22655365, 22655368, 22655152, 22655153, 22655282, 22655191, 22655516, 22655091, 22655520, 22655522, 22655197, 22655307, 22655313, 22655317, 22655451, 22655459, 22655531, 22655166, 22655170, 22655051, 22655054, 22655172, 22655180, 22655189, 22655393, 22655337, 22655340, 22655347, 22655258, 22655481, 22655223, 22655510, 22655512, 22655545, 22658174, 22658397, 22658389, 22658390, 22658321, 22658323, 22658459, 22658461, 22658426, 22658196, 22658195, 22658338, 22658372, 22658507, 22658522, 22660906, 22660754, 22660756, 22660561, 22660935, 22660936, 22660930, 22660789, 22660790, 22660691, 22660637, 23435059, 23435058, 22661018, 22661013, 22661015, 22661161, 22661222, 22661752, 22661073, 22661374, 22661375, 22661378, 22661640, 22661131, 22661322, 22661327, 22661463, 22661462, 22661045, 22661657, 22661638, 22661455, 22661230, 22661236, 22661519, 22661483, 22661282, 22661279, 22661411, 22661249, 22661157, 22661443, 22661386, 22661384, 22661418, 22661333, 22661596, 22661780, 22662962, 22662973, 22662946, 22663304, 22663303, 22663202, 22663058, 23489301, 23489293, 23489294, 23487838, 23487704, 23487707, 23487755, 23148991, 23148726, 23148704, 23148939, 23148787, 23148785, 23148917, 23148751, 23148754, 23148969, 23237485, 23237538, 23237546, 23237670, 23237674, 23237681, 23237683, 23237691, 23237694, 23237700, 23238364, 23238368, 23238242, 23238235, 23238238, 23238230, 23238228, 23238373, 23238384, 23238390, 23238396, 23238399, 23238403, 23238406, 23238410, 23238412, 23238421, 23238425, 23238426, 23238428, 23238432, 23238438, 23238439, 23239394, 23238496, 23238521, 23238519, 23238522, 23239430, 23239630, 23239421, 23239714, 23238598, 23238614, 23238617, 23238621, 23238669, 23239651, 23238698, 23238731, 23239441, 23239583, 23239596, 23239597, 23238768, 23238767, 23238781, 23238855, 23239496, 23239494, 23239490, 23238880, 23239442, 23239409, 23238887, 23238894, 23238899, 23238902, 23238912, 23238914, 23238932, 23238946, 23238993, 23239008, 23239018, 23239023, 23239024, 23239027, 23239064, 23239072, 23239081, 23239094, 23239096, 23239564, 23239097, 23239099, 23239118, 23239121, 23239122, 23239129, 23239518, 23239528, 23239643, 23239136, 23239142, 23239145, 23238338, 23239547, 23239690, 23239694, 23239770, 23239937, 23239802,

23239719, 23239724, 23239816, 23239923, 22826053, 22826091, 22826129, 22826142, 22826257, 22826274, 22826309, 22826319, 22826322, 22826324, 22826328, 22826331, 22826359, 22826412, 22826425, 22826897, 22826872, 22826460, 22826461, 22826464, 22826489, 22826677, 22826865, 22826952, 22826950, 22827109, 22826956, 22826945, 22826999, 22826997, 22827167, 22827053, 22827192, 22827202, 22827203, 22827028, 22826994, 22827041, 22827061, 22827067, 22827069, 22827074, 22827081, 22827082

Stage

Provisional

Contributors

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Travis Nauman

State and transition model

Citations