

Ecological site group 030XESG03

Deep Rocky

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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 >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 fan terraces, flood plains, and fan remnants.

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

- F030XC240NV–Pinus monophylla/Cercocarpus ledifolius-Quercus gambelii/Poa fendleriana
- F030XC244NV–Pinus monophylla-Juniperus osteosperma/Cercocarpus ledifolius var. intermontanus/Bouteloua gracilis
- F030XC254NV–PIMO-JUOS/ARTRV
- F030XC278NV–Pinus monophylla-Juniperus osteosperma/Artemisia tridentata ssp. vaseyana/Poa fendleriana-Bouteloua gracilis
- F030XC279NV–Pinus ponderosa var. scopulorum-Juniperus scopulorum/Cercocarpus ledifolius var. intermontanus/Bouteloua gracilis
- F030XC280NV–Pinus ponderosa ssp. scopulorum/Ribes cereum/Pseudoroegneria spicata ssp. spicata
- F030XC284NV–Pinus longaeva-Pinus flexilis/Juniperus communis var. depressa/Carex rossii
- F030XC288NV–Pinus monophylla-Juniperus osteosperma/Quercus gambelii-Cercocarpus ledifolius var. intermontanus/Poa fendleriana-Bouteloua gracilis
- F030XC291NV–NORTH-FACING LIMESTONE SLOPES
- F030XC375AZ–Granitic Hills 13-17" p.z. Stony (PIMO)
- R030XA020CA–Arid Fans 5-7
- R030XA048CA–Shallow Fans 5-7
- R030XA051NV–COBBLY CLAYPAN 5-7 P.Z.
- R030XA053NV–CALCAREOUS LOAM 3-5 P.Z.

- R030XA061NV–LOAMY 5-7 P.Z.
- R030XA065NV–DRY WASH
- R030XA066NV–CALCAREOUS LOAM 5-7 P.Z.
- R030XA076NV–UPLAND WASH
- R030XA105AZ–Limy Fan 3-6" p.z.
- R030XA107AZ–Limy Slopes 3-6" p.z.
- R030XA109AZ–Limy Upland 3-6" p.z. Deep
- R030XA115AZ–Sandy Wash 3-6" p.z.
- R030XA116AZ–Cobbly Limy Upland 3-6" p.z. Deep
- R030XA175CA–Sandy upper fan apron 5-8" p.z.
- R030XA176CA–Sandy lower fan apron 5-8" p.z.
- R030XB001NV–LIMY HILL 5-7 P.Z.
- R030XB004NV–SANDY 5-7 P.Z.
- R030XB005NV–Arid Active Alluvial Fans
- R030XB009CA–Loamy Cool Aridic Fans 6-8
- R030XB014NV–SHALLOW GRAVELLY LOAM 7-9 P.Z.
- R030XB017NV–LIMY HILL 3-5 P.Z.
- R030XB019NV–Eroded Fan Remnant Pavette 4-6 P.Z.
- R030XB028NV–VALLEY WASH
- R030XB029NV–SHALLOW GRAVELLY LOAM 5-7 P.Z.
- R030XB031NV–SHALLOW LIMY 5-7 P.Z.
- R030XB037NV–LIMY SAND 5-7 P.Z.
- R030XB038NV–GRAVELLY PEDIMENT 3-5 P.Z.
- R030XB039NV–LIMY FAN 5-7 P.Z.
- R030XB043NV–CLAYPAN 5-7 P.Z.
- R030XB044NV–COBBLY CLAYPAN 5-7 P.Z.
- R030XB046NV–OUTWASH PLAIN
- R030XB047NV–ALLUVIAL PLAIN
- R030XB052NV–RUBBLY OUTWASH
- R030XB056NV–SHALLOW GRANITIC SLOPE 5-7 P.Z.
- R030XB058NV–GRANITIC FAN 5-7 P.Z.
- R030XB059NV–GRANITIC FAN 3-5 P.Z.
- R030XB065NV–SODIC SAND
- R030XB069NV–BASALTIC HILL 5-7 P.Z.
- R030XB073NV–VOLCANIC SLOPE 5-7 P.Z.
- R030XB074NV–COBBLY LOAM 5-7 P.Z.
- R030XB075NV–GRAVELLY FAN 5-7 P.Z.
- R030XB076NV–SHALLOW GRAVELLY SLOPE 6-8 P.Z.
- R030XB080NV–STONY LOAM 5-7 P.Z.
- R030XB092NV–DESERT PATINA
- R030XB097NV–SANDHILL 3-5 P.Z.
- R030XB099NV–GRAVELLY RIDGE 5-7 P.Z.
- R030XB100NV–GRAVELLY CLAYPAN 5-7 P.Z.
- R030XB102NV–GRAVELLY LOAM 5-7 P.Z.
- R030XB105NV–BOULDERY LIMESTONE SLOPE 5-7 P.Z.
- R030XB107NV–COARSE GRAVELLY LOAM 5-7 P.Z.
- R030XB122NV–LIMY SAND 3-5 P.Z.
- R030XB124CA–Gravelly Loam 3-5" P.Z.
- R030XB125CA–Gravelly Slope 5-7" P.Z.
- R030XB134NV–QUARTZITE OUTWASH
- R030XB136CA–Dry Wash
- R030XB137CA–Granitic Loam
- R030XB138CA–Granitic Slope 3-5
- R030XB139CA–Shallow Dry Hill 4-6 P.Z.
- R030XB139NV–COBBLY FAN 5-7 P.Z.
- R030XB140CA–Shallow Hill 4-6" P.Z.
- R030XB141CA–Loamy 5-7" P.Z.
- R030XB142CA–Sandy 5-7" P.Z.

- R030XB143CA–Shallow Granitic Loam 5-7" P.Z.
- R030XB151CA–Shallow Gravelly Loam 5-7" P.Z.
- R030XB156CA–Limy 5-7" p.z. (Low Production)
- R030XB158CA–Ballena Summit
- R030XB168CA–Cool Deep Sandy Fans
- R030XB173CA–Coarse Loamy Very Deep Fan Remnants
- R030XB174CA–Sandy Fan Aprons
- R030XB183CA–Loamy Very Deep Fan Remnants
- R030XB187CA–Rarely Flooded Warm Thermic Ephemeral System
- R030XB189CA–Shallow Cool Hills
- R030XB192CA–Very Rarely Flooded, Warm Thermic Fan Piedmonts
- R030XB205AZ–Sandy Loam Upland 6-10" p.z. Limy Subsurface, Gravelly
- R030XB206AZ–Cobbly Limy Upland 6-9" p.z. Deep
- R030XB208CA–CORA-AMDU2-(SICH) Fan Remnants
- R030XB211AZ–Limy Fan 6-9" p.z.
- R030XB212AZ–Limy Slopes 6-9" p.z.
- R030XB214AZ–Limy Upland 6-9" p.z.
- R030XB218AZ–Sandy Wash 6-9" p.z.
- R030XB221CA–Loamy Fan Remnants And Pediments
- R030XB226AZ–Sandy Loam Upland 6-9" p.z. Fine
- R030XB227AZ–Clay Loam Upland 6-9" p.z.
- R030XC007NV–SHALLOW GRAVELLY LOAM 7-9 P.Z.
- R030XC024NV–GRAVELLY FAN 9-11 P.Z.
- R030XC028NV–ALPINE SLOPE
- R030XC041NV–GRAVELLY FAN APRON 9-11 P.Z.
- R030XC042NV–GRAVELLY LOAM 9-11 P.Z.
- R030XC170CA–Bouldery Slopes
- R030XC189CA–Bi-Modal Semi-Arid Shallow Cool Hills
- R030XC232CA–Petrocalcic Fan Remnants
- R030XC234CA–Fine-Loamy Very Deep Slopes
- R030XC236CA–Lithic Slopes
- R030XC238CA–Bi-Modal Semi-Desert Deep Fans 8-10 inches
- R030XC305AZ–Coarse Sandy Loam 10-13" p.z.
- R030XC308AZ–Limy Fan 10-13" p.z.
- R030XC309AZ–Loamy Slopes 10-13" p.z. Cobbly
- R030XC311AZ–Limy Upland 10-13" p.z.
- R030XC313AZ–Limy Upland 10-13" p.z. Deep
- R030XC315AZ–Sandy Loam Upland 10-13" p.z. Fine, Gravelly
- R030XC317AZ–Sandy Bottom 10-13" p.z.
- R030XC318AZ–Sandy Loam Upland 10-13" p.z. Limy, Skeletal
- R030XC320AZ–Sandy Loam Terrace 10-13" p.z.
- R030XC321AZ–Sandy Loam Upland 10-13" p.z. Fine
- R030XC322AZ–Sandy Wash 10-13" p.z.
- R030XC328AZ–Sandy Upland 10-13" p.z.
- R030XC329AZ–Granitic/Schist Upland 10-13" p.z. Alkaline
- R030XC331AZ–Sandy Loam Slopes 10-13" p.z. Limy, Skeletal
- R030XC333AZ–Basalt Hills 10-13" p.z. Limy
- R030XC334AZ–Clay Loam Upland 10-13" p.z.
- R030XD002CA–Desert Pavement
- R030XD004CA–Low-Production Hyperthermic Hills
- R030XD006CA–Abandoned Fan
- R030XD008CA–Hyperthermic Sandhill
- R030XD010CA–Frequently Flooded, Gravelly, Hyperthermic To Warm-Thermic Ephemeral Stream
- R030XD015CA–Hyper-Arid Fans
- R030XD025CA–Hyperthermic Sandsheets
- R030XD039CA–Coarse Gravelly Fans
- R030XD042CA–Hyperthermic Shallow To Moderately Deep Fan Remnants
- R030XD046CA–Fan Skirt

- R030XE191CA–Dry Sandy Mountain Slopes
- R030XE196CA–Sandy Xeric-Intergrade Slopes
- R030XF012CA–Sandy
- R030XF025CA–GRAVELLY COARSE LOAMY
- R030XF028CA–COBBLY SANDY
- R030XG022CA–SANDY 4-9"
- R030XY001CA–Occasionally Flooded, Hyperthermic, Diffuse Ephemeral Stream
- R030XY002CA–Desert Pavement
- R030XY010CA–Frequently Flooded, Gravelly, Hyperthermic To Warm-Thermic Ephemeral Stream
- R030XY021CA–Occasionally Flooded, Hyperthermic, Desert Pavement Ephemeral Stream
- R030XY038CA–Flooded Gravelly Fans
- R030XY046NV–OUTWASH PLAIN
- R030XY047NV–ALLUVIAL PLAIN
- R030XY092NV–DESERT PATINA
- R030XY128CA–Broad, Gravelly, Hyperthermic Ephemeral Stream
- R030XY159CA–Gravelly Outwash
- R030XY167CA–Large, Sandy, Thermic, Ephemeral Stream
- R030XY186CA–Mid Size Thermic To Hyperthermic Ephemeral Stream

Correlated Map Unit Components

23487792, 23487732, 23487733, 23487807, 23487820, 23148911, 23148719, 23148743, 23149016, 23148707, 23149003, 23148849, 23148710, 23148895, 23148992, 23149005, 23148703, 23148842, 23148640, 23148641, 23148999, 23148955, 23148753, 23148987, 23148919, 23148970, 23148879, 23148696, 23148840, 23148732, 23148626, 23148629, 23148633, 23148634, 23148875, 23148736, 23148949, 23148654, 23148653, 23148659, 23148657, 23148829, 23151336, 23151327, 23151328, 23151338, 23151549, 23151207, 23151567, 23151318, 23151320, 23237396, 23237398, 23237404, 23237406, 23237418, 23237432, 23237436, 23237437, 23237438, 23237454, 23237505, 23237520, 23237533, 23237551, 23237610, 23237635, 23237638, 23237651, 23237652, 23237655, 23237678, 23237917, 23238374, 23238377, 23238378, 23239180, 23238288, 23238385, 23238448, 23238452, 23238270, 23238271, 23238264, 23238265, 23238262, 23238458, 23238455, 23238250, 23238463, 23238469, 23239392, 23238479, 23239455, 23238492, 23238515, 23238313, 23239337, 23238527, 23238531, 23239648, 23239263, 23239221, 23239225, 23238305, 23238306, 23238299, 23238296, 23238294, 23238554, 23239422, 23238567, 23238569, 23238572, 23238584, 23238582, 23238588, 23239708, 23239709, 23239395, 23239249, 23238639, 23238659, 23238662, 23238660, 23239432, 23238685, 23238693, 23238695, 23238700, 23238708, 23238707, 23238745, 23238756, 23238758, 23239586, 23238800, 23238802, 23239207, 23239210, 23238810, 23238818, 23239200, 23239201, 23239605, 23239607, 23238829, 23238834, 23238838, 23238837, 23239197, 23239190, 23238842, 23238845, 23238847, 23239314, 23239310, 23239306, 23239298, 23238856, 23238866, 23238869, 23238875, 23238885, 23238889, 23238888, 23238909, 23238908, 23238924, 23238934, 23238942, 23238949, 23238952, 23239517, 23238972, 23239510, 23239706, 23238978, 23238982, 23239505, 23239388, 23239005, 23239006, 23239287, 23239290, 23239042, 23239659, 23239661, 23239567, 23239128, 23239554, 23239640, 23239144, 23239551, 23239543, 23239156, 23239159, 23239672, 23239163, 23239165, 23239167, 23239170, 23239677, 23239685, 23239278, 23239373, 23239699, 23239785, 23239951, 23239940, 23239792, 23239842, 23239843, 23239847, 23239741, 23239918, 23239912, 23239754, 22826059, 22826825, 22826001, 22826094, 22826097, 22826107, 22826110, 22826116, 22826128, 22826880, 22826888, 22826838, 22826147, 22826152, 22826172, 22826879, 22826182, 22826184, 22826192, 22826212, 22826227, 22826234, 22826232, 22826236, 22826240, 22826238, 22826242, 22826253, 22826262, 22826268, 22826842, 22826329, 22826338, 22826381, 22826416, 22826417, 22826421, 22826430, 22826896, 22826492, 22826904, 22826661, 22826679, 22826689, 22826907, 22826864, 22826863, 22826786, 22827086, 22827090, 22827091, 22827246, 22827094, 22826927, 22826939, 22827238, 22827239, 22827113, 22827114, 22827117, 22827118, 22827119, 22827120, 22827121, 22827122, 22827123, 22827124, 22827125, 22827126, 22826963, 22827137, 22827138, 22827139, 22827141, 22827142, 22827144, 22826972, 22826973, 22826977, 22827180, 22827188, 22827191, 22827201, 22827206, 22827209, 22827214, 22827036, 22827015, 22827017, 22827083, 23237312, 22645236, 22645068, 22645069, 22645002, 22645231, 22648384, 22648521, 22648472, 22648528, 22648530, 22648533, 22648474, 22648457, 22654976, 22654992, 22655192, 22655514, 22655092, 22655165, 22655161, 22655287, 22655404, 22655252, 22655096, 22655097, 22655201, 22655204, 22655209, 22655210, 22655216, 22655439, 22655009, 22655464, 22655465, 22655047, 22655042, 22655043, 22655323, 22655325, 22655530, 22655529, 22655441, 22655445, 22655015, 22655050, 22655389, 22655390, 22655381, 22655382, 22655022, 22655020, 22655534, 22655535, 22655342, 22655106, 22655352, 22655446, 22655296, 22655060, 22655061, 22655480,

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Stage

Provisional

Contributors

Curtis Talbot

Travis Nauman

State and transition model

Citations