

Ecological site group 030XESG06

Loamy Uplands

Last updated: 03/08/2023
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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 >55cm
- Rock <30% surface and <30% subsurface
- Clay <30% surface and <35% subsurface
- sand <75% and 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 fan terraces, alluvial fans, 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

- F030XC288NV–Pinus monophylla-Juniperus osteosperma/Quercus gambelii-Cercocarpus ledifolius var. intermontanus/Poa fendleriana-Bouteloua gracilis
- R030XA020CA–Arid Fans 5-7
- R030XA029CA–Shallow Limy 5-7
- R030XA035CA–Sedimentary Hill
- R030XA105AZ–Limy Fan 3-6" p.z.
- R030XB004NV–SANDY 5-7 P.Z.
- R030XB005NV–Arid Active Alluvial Fans
- R030XB009CA–Loamy Cool Aridic Fans 6-8
- R030XB019NV–Eroded Fan Remnant Pavette 4-6 P.Z.
- R030XB020NV–LOAMY BOTTOM
- R030XB035NV–SANDY LOAM 5-7 P.Z.
- R030XB043NV–CLAYPAN 5-7 P.Z.
- R030XB076NV–SHALLOW GRAVELLY SLOPE 6-8 P.Z.

- R030XB137CA–Granitic Loam
- R030XB156CA–Limy 5-7" p.z. (Low Production)
- R030XB192CA–Very Rarely Flooded, Warm Thermic Fan Piedmonts
- R030XB193CA–Very Shallow To Moderately Deep Gravelly Slopes
- R030XB205AZ–Sandy Loam Upland 6-10" p.z. Limy Subsurface, Gravelly
- R030XB206AZ–Cobbly Limy Upland 6-9" p.z. Deep
- R030XB211AZ–Limy Fan 6-9" p.z.
- R030XB214AZ–Limy Upland 6-9" p.z.
- R030XB218AZ–Sandy Wash 6-9" p.z.
- R030XB226AZ–Sandy Loam Upland 6-9" p.z. Fine
- R030XC001CA–Granitic Loamy Ustic Fan Remnants 8-10 inches
- R030XC007NV–SHALLOW GRAVELLY LOAM 7-9 P.Z.
- R030XC232CA–Petrocalcic Fan Remnants
- 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.
- R030XC311AZ–Limy Upland 10-13" p.z.
- R030XC314AZ–Sandy Loam Slopes 10-13" p.z. Gravelly, Warm
- 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
- R030XC321AZ–Sandy Loam Upland 10-13" p.z. Fine
- R030XC331AZ–Sandy Loam Slopes 10-13" p.z. Limy, Skeletal
- R030XD003CA–Hyperthermic Steep South Slopes
- R030XD006CA–Abandoned Fan
- R030XE006CA–COARSE LOAMY
- R030XF003CA–COARSE LOAMY
- R030XF012CA–Sandy
- R030XG018CA–LOAMY
- R030XG020CA–ALKALI FLATS 4-9"
- R030XG021CA–LOAMY 4-9"
- R030XG022CA–SANDY 4-9"
- R030XY046NV–OUTWASH PLAIN
- R030XY047NV–ALLUVIAL PLAIN
- R030XY110UT–Desert Loam (Creosotebush)
- R030XY134UT–Desert Shallow Loam (Creosotebush)

Correlated Map Unit Components

22338410, 22338432, 22338437, 22338447, 22338476, 22338480, 22338500, 22338502, 22341245, 22341505, 22341311, 22341511, 22341361, 22341385, 22341388, 22341389, 22341393, 22341398, 22341400, 22341403, 22341405, 22391161, 22391083, 22391342, 22391343, 22391061, 22391054, 22391071, 22391055, 22391327, 22391104, 22391108, 22391397, 22391396, 22391060, 22390970, 22391340, 22391113, 22391114, 22391031, 22391380, 22391419, 22391420, 22391065, 22394099, 22393997, 22393998, 23482305, 23482312, 23482316, 22639895, 22639831, 22639785, 22639787, 22639911, 22639841, 22639947, 22639948, 22639937, 22641802, 22641623, 22641485, 22641861, 22641504, 22642338, 22642431, 22642267, 22642447, 22642293, 22642296, 22642301, 23236782, 23236785, 23236946, 23237325, 23237329, 23236987, 23236991, 23237054, 23237347, 23237212, 23237357, 22655001, 22655438, 22655104, 22655022, 22655333, 22655142, 22655144, 22655346, 22655110, 22655278, 22655296, 22655062, 22655234, 22658438, 22658460, 22658297, 22658421, 22658331, 22658242, 22658526, 22660733, 22660674, 22660803, 22595766, 22672948, 22673730, 22673610, 22673623, 22673627, 22673389, 22673391, 22673533, 22673424, 22661108, 22661468, 22661298, 22661234, 22661521, 22663562, 22663563, 23148669, 23148755, 23148670, 23148716, 23148798, 23148947, 23148815, 23148691, 23151221, 23151322, 23237421, 23237427, 23237621, 23237628, 23237630, 23238441, 23239514, 23239507, 22601386, 22600951, 22601168, 22601178, 22601592, 22600985, 22601609, 22601200, 22601614, 22601007

Stage

Provisional

Contributors

Curtis Talbot
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State and transition model

Citations