

Ecological site group 040XESG04

Deep Rocky

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Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR <8, or Subsurface EC <8, or 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, alluvial fans, and fan remnants.

Climate

This ESG is characterized by the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R040XB208AZ Limy Upland Deep 7"-10" p.z.

Major Land Resource Area

MLRA 040X
Sonoran Basin and Range

Subclasses

- R040XA105AZ–Shallow Hills 10"-13" p.z.
- R040XA106AZ–Limy Upland, Deep 10"-13" p.z.
- R040XA108AZ–Limy Fan 10"-13" p.z.
- R040XA110AZ–Limy Slopes 10"-13" p.z.
- R040XA113AZ–Loamy Slopes 10"-13" p.z.
- R040XA114AZ–Loamy Upland 10"-13" p.z.
- R040XA115AZ–Sandy Wash 10"-13" p.z.
- R040XA117AZ–Sandy Loam Upland, Deep 10"-13" p.z.
- R040XA118AZ–Sandy Loam Upland 10"-13" p.z.
- R040XA120AZ–Clay Loam Upland 10"-13" p.z.
- R040XA124AZ–Loamy Bottom, Woodland 10"-13" p.z.
- R040XA130AZ–Loamy Upland, Limy 10"-13" p.z.
- R040XB202AZ–Paralithic Hills 7"-10" p.z.
- R040XB205AZ–Clay Loam Upland 7"-10" p.z.

- R040XB207AZ–Limy Fan 7"-10" p.z.
- R040XB208AZ–Limy Upland, Deep 7"-10" p.z.
- R040XB209AZ–Limy Slopes 7"-10" p.z.
- R040XB210AZ–Limy Upland 7"-10" p.z.
- R040XB212AZ–Loamy Slopes 7"-10" p.z.
- R040XB213AZ–Loamy Upland 7"-10" p.z.
- R040XB216AZ–Sandy Wash 7"-10" p.z.
- R040XB217AZ–Sandy Upland 7"-10" p.z.
- R040XB218AZ–Sandy Loam Upland 7"-10" p.z.
- R040XB219AZ–Schist Hills 7"-10" p.z.
- R040XB221AZ–Sandy Loam, Deep 7"-10" p.z.
- R040XB230AZ–Desert Pavement 7"-10" p.z.
- R040XC302AZ–Limy Slopes 3"-7" p.z.
- R040XC305AZ–Paralithic Hills 3"-7" p.z.
- R040XC306AZ–Limy Fan 3"-7" p.z.
- R040XC307AZ–Limy Fan, Sandy 3"-7" p.z.
- R040XC311AZ–Limy Upland, Deep 3"-7" p.z.
- R040XC317AZ–Saline Upland 3"-7" p.z.
- R040XC326AZ–Desert Pavement 3"-7" p.z.
- R040XD002CA–Desert Pavement 2-4" p.z.
- R040XD003CA–Rocky Slopes 2-4" p.z.
- R040XD006CA–Hyper-Arid Abandoned Fans 2-4" p.z.
- R040XD009CA–Gravelly Fan Remnants And Fan Aprons
- R040XD026CA–Large, High Intensity, Frequently Flooded Ephemeral Stream
- R040XD030CA–Extremely Stony Fan Remnants
- R040XD034CA–Gravelly, Braided, Ephemeral Stream
- R040XD200CA–Rarely Flooded Fans
- R040XD201CA–Cobbly Fan Remnants

Correlated Map Unit Components

22341236, 22341257, 22341288, 22341289, 22341298, 22341299, 22341304, 22341307, 22341344, 22341346, 22341367, 22341370, 22341458, 22341461, 22341462, 22341464, 22341469, 22341468, 22341466, 22341470, 22341471, 22341473, 22341492, 22367276, 22367277, 22367278, 22367279, 22367285, 22367289, 22367292, 22367290, 22367294, 22367296, 22367298, 22367297, 22367301, 22367300, 22367303, 22367305, 22367306, 22367307, 22367309, 22367314, 22367315, 22367318, 22367364, 22367390, 22367425, 22367427, 22367431, 22367435, 22367506, 22367570, 22367586, 22367595, 22367635, 22367610, 22367609, 22367642, 22367648, 22367650, 22367975, 22367978, 22367955, 22367981, 22367983, 22368005, 22368025, 22368023, 22368203, 22368214, 22368224, 22368225, 22368243, 22368249, 22368326, 22368347, 22368849, 22368850, 22368864, 22368865, 22374407, 22374408, 22374422, 22374435, 22374494, 22374357, 22374448, 22374334, 22374484, 22374393, 22374394, 22374522, 22374365, 22374368, 22374374, 22374389, 22374470, 22374472, 22374471, 22374540, 22374542, 22374384, 22374545, 22374491, 22374518, 22374536, 22374530, 22374532, 22374467, 22374468, 22374501, 22374516, 22374320, 22375578, 22375601, 22375663, 22375683, 22375983, 22375984, 22375786, 22375974, 22375798, 22375852, 22375933, 22375806, 22375751, 22375754, 22375761, 22375837, 22375763, 22375764, 22375998, 22375842, 22375930, 22375831, 22375981, 22375860, 22375919, 22376625, 22376577, 22376575, 22376613, 22376614, 22376737, 22377189, 22377571, 22377225, 22377598, 22377251, 22377280, 22377282, 22377284, 22377285, 22377286, 22377301, 22377317, 22377315, 22377318, 22377320, 22377322, 22377336, 22377351, 22377369, 22377370, 22383103, 22382999, 22383004, 22383008, 22382984, 22382983, 22382986, 22382987, 22382922, 22382931, 22386785, 22386794, 22386792, 22386741, 22395268, 22395441, 22395309, 22395343, 22395349, 22395472, 22395354, 22395377, 22395378, 22395409, 22395410, 22395422, 22661085, 22661098, 22661097, 22661095, 22661350, 22661532, 22661536, 22661534, 22661506, 22661505, 22661503, 22661502, 22661351, 22661744, 22661141, 22661420, 22661285, 22661571, 22661292, 22661293, 22661353, 22661354

Stage

Provisional

Contributors

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State and transition model

Citations