

Ecological site group 040XESG03

Clay Uplands

Last updated: 12/13/2022
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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 and <30% subsurface
- Clay >30% surface or >35% 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.

Climate

This ESG is characterized by the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R040XA114AZ Loamy Upland 10"-13" p.z.

Major Land Resource Area

MLRA 040X
Sonoran Basin and Range

Subclasses

- F040XB214AZ–Loamy Bottom, Woodland 7"-10" p.z.
- R040XA103AZ–Clayey Slopes 10"-13" p.z.
- R040XA104AZ–Clayey Upland 10"-13" p.z.
- R040XA109AZ–Loamy Hills 10"-13" p.z.
- R040XA112AZ–Loamy Swale 10"-13" p.z.
- R040XA113AZ–Loamy Slopes 10"-13" p.z.
- R040XA114AZ–Loamy Upland 10"-13" p.z.
- R040XA118AZ–Sandy Loam Upland 10"-13" p.z.
- R040XA120AZ–Clay Loam Upland 10"-13" p.z.
- R040XB203AZ–Clayey Swale 7"-10" p.z.
- R040XB204AZ–Clayey Upland 7"-10" p.z.
- R040XB205AZ–Clay Loam Upland 7"-10" p.z.
- R040XB207AZ–Limy Fan 7"-10" p.z.

- R040XB211AZ–Loamy Swale 7"-10" p.z.
- R040XB213AZ–Loamy Upland 7"-10" p.z.
- R040XB227AZ–Saline Bottom 7"-10" p.z.

Correlated Map Unit Components

22341239, 22341434, 22353547, 22353563, 22353567, 22353569, 22353527, 22353571, 22353573, 22353608, 22353750, 22353752, 22353756, 22367230, 22367251, 22367252, 22367253, 22367254, 22367255, 22367257, 22367261, 22367260, 22367280, 22367283, 22367288, 22367308, 22367337, 22367365, 22367406, 22367407, 22367415, 22367430, 22367473, 22367985, 22367986, 22368098, 22368099, 22368091, 22368093, 22368094, 22368155, 22368853, 22368860, 22368871, 22368873, 22374346, 22375651, 22375653, 22375670, 22375692, 22375715, 22375766, 22375861, 22375857, 22375750, 22375855, 22375829, 22376675, 22376676, 22376677, 22376699, 22376725, 22376726, 22376727, 22376728, 22376729, 22376730, 22376736, 22376753, 22376756, 22376759, 22376761, 22376766, 22376767, 22376768, 22376769, 22376770, 22376773, 22376776, 22377373, 22377375, 22377377, 22377378, 22386787, 22386790, 22395415, 22395416

Stage

Provisional

Contributors

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State and transition model

Citations