

Ecological site group 038XESG07

Loamy Uplands

Last updated: 01/05/2023
Accessed: 05/10/2025

Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR<8, or 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 or <35% subsurface
- sand <75% or texture is Loamy Fine Sand 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 alluvial fans.

Vegetation dynamics

The modal ecological site for this ESG is R038XA109AZ Loamy Upland 12-16 p.z.

Major Land Resource Area

MLRA 038X
Mogollon Transition South

Subclasses

- F038XA123AZ–Sandy Bottom 12-16 (POFR2, FRVE2)
- F038XA124AZ–Loamy Terrace 12-16 (PRVE)
- F038XC311AZ–Sandstone Hills 20-24" p.z. (PIED, PIMOF, PIPO)
- F038XC315AZ–Ponderosa Pine - Gray Oak Forest 20-25" p.z. (PIPO, QUGR3)
- R038XA106AZ–Limy Upland 12-16" p.z.
- R038XA107AZ–Loamy Bottom 12-16 p.z.
- R038XA108AZ–Clayey Slopes 12-16" p.z.
- R038XA109AZ–Loamy Upland 12-16 p.z.
- R038XA111AZ–Sandy Bottom 12-16
- R038XA112AZ–Sandy Loam Upland, Deep 12-16" p.z.
- R038XA113AZ–Sandy Loam Upland 12-16
- R038XA119AZ–Granitic Upland 12-16
- R038XA126AZ–Limy Slopes 12-16" p.z.
- R038XA128AZ–Limestone Upland 12-16" p.z.

- R038XB208AZ–Loamy Slopes 16-20
- R038XB209AZ–Loamy Upland 16-20" p.z.
- R038XB226AZ–Loamy Swale 16-20" p.z.
- R038XC303AZ–Clay Loam Upland 20-24" p.z.
- R038XC308AZ–Loamy Swale 20-24" p.z.

Correlated Map Unit Components

22341571, 22353479, 22353475, 22353511, 22353600, 22353652, 22353653, 22353662, 22353843, 22353846, 22353832, 22353834, 22365630, 22365653, 22365656, 22365669, 22365675, 22365689, 22365741, 22365879, 22365742, 22365898, 22365743, 22365745, 22365746, 22365913, 22365916, 22365930, 22365931, 22365937, 22365868, 22365869, 22365728, 22365749, 22365730, 22365776, 22365732, 22365836, 22365837, 22365839, 22365843, 22375945, 22382689, 22382728, 22382688, 22382892, 22382722, 22386722, 22386808, 22386736, 22386752, 22386645, 22386615, 22386595, 22386696, 22386700, 22386701, 22386703, 22386706, 22391263, 22391311

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations