Major Land Resource Area 041X
Madrean Archipelago

Accessed: 10/12/2024

Ecological site group keys

16-20” PZ within Land Resource Unit 41.AZ1, Mexican Oak-Pine Forest and Oak Savannah

---

I. Flooded (bottom position, flooded from the valley-side or over-bank)
  A. Soils with a perennial high water-table (3-15 ft.)
    1 Soils sandy and gravelly with redox features
    2 Soils loamy to clayey with redox features
  B. Soils with seasonal (summer) water table (3-15 ft.)
    1 Soils sandy loam to clay loam
  C. Soils without a high water table (3-15 ft)
    1 Soils sandy
    2 Soils sandy loam to clay loam
    3 Soils clayey (vertic)
II. Not Flooded (upland position, receives only precipitation)
  A. Slopes less than 15%
    1 Soils calcareous throughout
      a. Soils shallow (less than 20 inches deep)
        1 Soils with a lime cemented hardpan
      b. Soils moderately deep to deep (30 to 60 inches)
        1 Soils with an argillic horizon
    2 Soils non calcareous in upper 10 inches
      a. Soils shallow (less than 20 inches deep)
        1 Soils underlain by granite, schist, rhyolite bedrock
      b. Soils moderately deep to deep (30 to 60 inches)
        1 Soils without an argillic horizon
          a. Soils loamy fine sand to sandy loam
        2 Soils with an argillic horizon
          a. Soils with sandy loam surface 4 in. or thicker
          b. Soils with sandy loam surface less than 4 in.
          c. Soils with clay loam surface (not vertic)
          d. Soils with a clayey surface (vertic)
  B. Slopes greater than 15%
    1 Soils shallow (less than 20 inches deep)
      a. Soils calcareous throughout
        1 Soils over limestone parent materials
      b. Soils non calcareous
        1 Soils over granite, schist, gneiss, rhyolite (acid igneous)

        2 Soils over basalt, andesite, welded tuff (basic igneous)

2 Soils moderately deep and deep (30 to 60 inches)

  a. Soils calcareous throughout

        1 Soils dark colored in the surface 5 inches (10YR, 4/2)

  b. Soils non calcareous in the upper 10 inches

        1 Soils sandy loam to clay loam

        2 Soils clayey

        3 Add criteria