

# Major Land Resource Area 026X

## Carson Basin and Mountains

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### Ecological site keys

#### Mono-Adobe-Long Valleys Key

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- I. Site has a water table within 60 inches of the soil surface, or the site is on a landform that experiences flooding.
  - A. Site does not have a water table within 60 inches, but does experience flooding. ... R026XF006CA – Dry Floodplain
  - B. Site has a water table within 60 inches of the soil surface and experiences flooding.
    - 1 Site is influenced by salt.
      - i. Water table is shallow (24 inches or less). ... R026XF016CA – Wet Sodic Meadow
      - ii. Water table is deeper (between 36 and 60 inches of the soil surface). ... R026XF007CA – Sodic Meadow
    - 2 Site is not influenced by salt.
      - i. Site is found in a bottom location, not associated with a stream, but may have a drainageway. ... R026XF010CA – Wet Meadow
      - ii. Site is associated with a stream. ... R026XF017CA – Moist Floodplain
- II. Site does not have a water table within 60 inches of the soil surface.
  - A. Site is shallow to a restrictive layer (less than 20 inches to a restrictive layer).
    - 1 Site is located on volcanic flows. ... R026XF015CA – Mahogany Slope 8-12" P.Z.
    - 2 Site is located on mountains or hill, but not volcanic flows.
      - i. Soil is shallow (10 to 20 inches to restrictive layer) and site occurs slightly lower on the landscape. ... R026XF042CA – Steep Rocky Loam (BLM)
      - ii. Site is very shallow (less than 10 inches to a restrictive layer). Site also occurs slightly higher on the landscape. ... R026XF613CA – Rocky Upland Loam (BLM)
  - B. Site is moderately deep to deep (20 inches or more to a restrictive layer).
    - 1 Site is found on glacial moraines. ... R026XF014CA – Granitic Loam 8-12" P.Z.
    - 2 Site is not found on glacial moraines.
      - i. Soil is moderately deep (20 to 40 inches to a restrictive layer). ... R026XF605CA – Sandy Juniper Flat (BLM)
      - ii. Soil is deep (over 40 inches to a restrictive layer).
        - a. Slope is greater than 15 percent. ... R026XF606CA – Sandy Upland Pinyon (BLM)
        - b. Slope is less than 15 percent.
          - 1) Site located on stabilized dunes. ... R026XF002CA – Dune 8-12" P.Z.
          - 2) Sites are located on lake terraces, alluvial fans, or valley floors.
            - a) Soil is a mollisol, with dark top horizon colors, and well developed. ... R026XF012CA – Ashy Loam 8-12" P.Z.
            - b) Soil is an entisol, does not have dark top horizon colors, and is not well developed.
              - (1) Soil surface texture is coarse sand to sand. See also R026XF046CA Gravelly Sand (BLM). ... R026XF005CA – Deep Ashy 10-12" P.Z.
              - (2) Soil surface texture is finer (loamy sand to sandy loam).

- (a) Soil surface or subsurface has less than 10 percent rock fragments by cover or volume. ... R026XF001CA – Interdune 8-10" P.Z.
- (b) Soil surface or subsurface has more than 10 percent rock fragments by cover or volume. All three sites should be field checked for site differences. See also R026XF004CA Gravelly Coarse Loamy 8-12", this site has antelope bitterbrush in the community. ... R026XF003CA – Sandy 8-12" P.Z.