

# Ecological site group ESG2

## Deep sand

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### Key Characteristics

- Not flooded (hills, convex portions of piedmont slopes, broad basin floors)
- Exposed bedrock absent and few if any cobbles and stones
- Soil surface texture loamy sand to medium sandy loam, subsoil non gravelly, gypsum absent
- Soil is not shallow ( $\geq 50$  cm) and does not have a clear pedogenic horizon, continuous undulating surface or dunes

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.

### Climate

Dunes, sandsheets mantling fan piedmonts, alluvial flats, and floodplains. Soils are sand or loamy sand in surface and subsurface with little change in texture with depth. Soils are torripsamments.

### Vegetation dynamics

Dunes, sandsheets mantling fan piedmonts, alluvial flats, and floodplains. Soils are sand or loamy sand in surface and subsurface with little change in texture with depth. Soils are torripsamments.

### Major Land Resource Area

MLRA 042B  
Southern Rio Grande Rift

### Subclasses

- R042BB011NM–Deep Sand, Desert Shrub

### Correlated Map Unit Components

21843252, 21843388, 21843136, 21843413, 21843573, 21843438, 21843437, 21843197, 21843322, 21843202, 21843201, 21843200, 21843463, 21843038, 21842837, 21842900, 21842840, 21842910, 21842914, 21842913, 21843050, 21842982, 21843059, 21842871, 21842953, 21842956, 21842957, 21842961, 21843027, 21842883, 21843033, 21843032, 21842977, 21840293, 21840294, 21840209, 21840122, 21840149, 21840241, 21840240, 21840237, 21840236, 21840417, 21839739, 21840041, 21839927, 21839933, 21840043, 21839930, 21840046, 21840047, 21839754, 21839755, 21839838, 21839839, 21839782, 21839878, 21839882, 21839965, 21840069, 21840068, 21839870, 21839871, 21839798, 21839802, 21839806, 21839809, 21840000, 21840105, 21840008, 21840106, 21840014, 21839815, 21841603, 21841609, 21841612, 21841989, 21841987, 21841637, 21841814, 22054051, 22054052, 22054053, 22054345, 22054059, 22054361, 22054063, 22054068, 22054073, 22054074, 22054079, 22054106, 22054236, 22054331, 21844001, 21838147, 21838056, 21838243, 21838224, 21838223, 21838111, 21838113, 21838354, 21838327, 21838267, 21838066, 21838133, 21838181, 21838180, 21837942, 21837695, 21837765, 21837772, 21837926, 21838035, 21837929, 21837715, 21837710, 21837845, 21837872, 21837777, 21837831, 21837790, 21837797, 21837990, 21837992, 21837998, 21837999, 21837809, 21837810, 21837905, 21838016, 21838021, 21838022, 21838528

## Stage

Provisional

## Contributors

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## State and transition model

### Ecosystem states

1. Grass-dominated

2. Grass-shrub co-  
dominant

3. Shrub-dominated

### State 1 Grass-dominated



### State 2 Grass-shrub co-dominant



**State 3**  
**Shrub-dominated**



**Citations**