

Map Unit Description

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

32 Dominguez clay loam, 3 to 8 percent slopes

Setting

Elevation: 5000 to 6400 feet
Mean annual precipitation: 12 to 15 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 100 to 150 days

Composition

Dominguez and similar soils: 80 percent

Description of Dominguez

Setting

Landform: Mountains, alluvial fans
Landform position (two-dimensional): Toeslope
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Wasatch shales alluvium and/or wasatch shales residuum

Properties and Qualities

Slope: 3 to 8 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 5.0
Available water capacity: High (about 9.1 inches)

Interpretive Groups

Land capability classification (irrigated): 3s
Land capability (non irrigated): 4c
Ecological site: Semidesert Clay Loam (R034XY328CO)

Typical Profile

0 to 3 inches: clay loam
3 to 60 inches: clay