

Map Unit Description

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

42 Grobutte very channery loam, 30 to 60 percent slopes

Setting

Elevation: 6000 to 8000 feet
Mean annual precipitation: 16 to 18 inches
Mean annual air temperature: 36 to 38 degrees F
Frost-free period: 80 to 100 days

Composition

Grobutte and similar soils: 90 percent

Description of Grobutte

Setting

Landform: Mountainsides, hills
Landform position (two-dimensional): Backslope
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Mixed material colluvium

Properties and Qualities

Slope: 30 to 60 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 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: Low (about 4.8 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Pinus edulis-Juniperus osteosp (F034XY448CO)

Typical Profile

0 to 4 inches: very channery loam
4 to 60 inches: very channery loam, extremely channery loam