

Map Unit Description

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

23 Clapper very stony loam, 25 to 65 percent slopes

Setting

Elevation: 5600 to 7100 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

Clapper and similar soils: 85 percent

Description of Clapper

Setting

Landform: Mountains
Landform position (two-dimensional): Foothills
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Material weathered from glacial till derived from basalt

Properties and Qualities

Slope: 25 to 65 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: 40 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: Juniperus osteosperma-Pinus ed (F034XY447CO)

Typical Profile

0 to 3 inches: very stony loam
3 to 12 inches: very stony loam
12 to 26 inches: very cobbly loam
26 to 60 inches: very cobbly loam, extremely cobbly loam