

Map Unit Description

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

2 Badland

Setting

Elevation: 5200 to 7300 feet
Mean annual precipitation: 8 to 18 inches
Mean annual air temperature: 40 to 50 degrees F
Frost-free period: 75 to 130 days

Composition

Badland: 80 percent

Description of Badland

Setting

Landform: Ridges, hills, mountainsides, canyons
Landform position (two-dimensional): Backslope, footslope, shoulder, summit, toeslope
Down-slope shape: Concave, convex
Across-slope shape: Convex, linear
Parent material: Highly calcareous residuum weathered from calcareous shale and/or gypsiferous residuum weathered from shale

Properties and Qualities

Slope: 10 to 65 percent
Depth to restrictive feature: 0 to 3 inches to Paralithic bedrock
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Very low (about 0.0 inches)

Interpretive Groups

Land capability (non irrigated): 8e

Typical Profile

0 to 60 inches: weathered bedrock