

Map Unit Description

La Plata County Area, Colorado

81 Zyme clay loam, 3 to 25 percent slopes

Setting

Elevation: 6000 to 7000 feet
Mean annual precipitation: 14 to 18 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 110 to 130 days

Composition

Zyme and similar soils: 70 percent

Description of Zyme

Setting

Landform: Hills, ridges
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from shale

Properties and Qualities

Slope: 3 to 25 percent
Depth to restrictive feature: 6 to 20 inches to Paralithic bedrock
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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 1.7 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Pinus edulis-Juniperus osteosp (F036XY907CO)

Typical Profile

0 to 4 inches: clay loam
4 to 10 inches: clay loam, clay, silty clay loam
10 to 14 inches: weathered bedrock