

Map Unit Description

Las Animas County Area, Colorado, Parts of Huerfano and Las Animas Counties

AW Allens Park-Wahatoya complex, 30 to 60 percent slopes

Setting

Landscape: Foothills
Elevation: 7400 to 8800 feet
Mean annual precipitation: 20 to 24 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 70 to 100 days

Composition

Allens park and similar soils: 45 percent
Wahatoya and similar soils: 40 percent

Description of Allens park

Setting

Landform: Hills
Landform position (two-dimensional): Backslope, footslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Slope alluvium and residuum weathered from sandstone

Properties and Qualities

Slope: 30 to 50 percent
Surface area covered with stones and boulders: 1.0 percent
Depth to restrictive feature: 20 to 40 inches to Lithic 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: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 5.1 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Pseudotsuga menziesii-Pinus po (F048AY009NM)
Other vegetative classification: Rocky Mountain Douglas fir/whi (048AY904CO_2)

Typical Profile

0 to 2 inches: slightly decomposed plant material
2 to 4 inches: sandy loam
4 to 9 inches: sandy loam
9 to 14 inches: sandy clay loam
14 to 30 inches: sandy clay loam
30 to 37 inches: sandy clay loam
37 to 60 inches: bedrock

Description of Wahatoya

Setting

Landform: Hills
Landform position (two-dimensional): Backslope, shoulder
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Colluvium and residuum weathered from sandstone

Properties and Qualities

Slope: 30 to 60 percent
Surface area covered with stones and boulders: 5.0 percent
Depth to restrictive feature: 20 to 40 inches to Lithic 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: 0 percent
Gypsum maximum: 0 percent

Map Unit Description

Las Animas County Area, Colorado, Parts of Huerfano and Las Animas Counties

Available water capacity: Low (about 3.6 inches)

Interpretive Groups

Land capability (non irrigated): 7s

Ecological site: *Pseudotsuga menziesii*-*Pinus* po (F048AY009NM)

Other vegetative classification: Rocky Mountain Douglas fir/whi (048AY904CO_2)

Typical Profile

0 to 1 inches: slightly decomposed plant material

1 to 3 inches: sandy loam

3 to 9 inches: sandy loam

9 to 21 inches: very cobbly sandy clay loam

21 to 31 inches: very cobbly sandy clay loam

31 to 36 inches: very cobbly sandy clay loam

36 to 60 inches: bedrock