

Map Unit Description

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

VD Dargol-Stout-Vamer complex, 1 to 9 percent slopes

Setting

Landscape: Foothills
Elevation: 7500 to 8500 feet
Mean annual precipitation: 17 to 22 inches
Mean annual air temperature: 43 to 46 degrees F
Frost-free period: 70 to 100 days

Composition

Dargol and similar soils: 40 percent
Stout and similar soils: 25 percent
Vamer and similar soils: 20 percent

Description of Dargol

Setting

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

Properties and Qualities

Slope: 3 to 9 percent
Surface area covered with stones and boulders: 20.0 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): Very low or moderately low (0.00 to 0.06 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.7 inches)

Interpretive Groups

Land capability (non irrigated): 6s
Ecological site: Pinus ponderosa-Juniperus scop (F048AY011NM)
Other vegetative classification: Ponderosa pine/Gambel's oak (PIPO/QUGA)

Typical Profile

0 to 1 inches: moderately decomposed plant material
1 to 6 inches: loam
6 to 10 inches: clay
10 to 29 inches: clay
29 to 60 inches: bedrock

Description of Stout

Setting

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

Properties and Qualities

Slope: 1 to 9 percent
Surface area covered with stones and boulders: 17.0 percent
Depth to restrictive feature: 10 to 20 inches to Lithic bedrock
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): Very low or moderately high (0.00 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: Very low (about 1.8 inches)

Map Unit Description

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

Interpretive Groups

Land capability (non irrigated): 6s
Ecological site: Pinus ponderosa-Juniperus scop (F048AY011NM)
Other vegetative classification: ponderosa pine/mountain muhly (Pipo/Mumo)

Typical Profile

0 to 1 inches: slightly decomposed plant material
1 to 5 inches: gravelly sandy loam
5 to 16 inches: gravelly sandy loam
16 to 60 inches: bedrock

Description of Vamer

Setting

Landform: Hills
Landform position (two-dimensional): Summit
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Slope alluvium and/or colluvium derived from shale over sandstone

Properties and Qualities

Slope: 1 to 9 percent
Surface area covered with stones and boulders: 3.0 percent
Depth to restrictive feature: 10 to 20 inches to Lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low or moderately low (0.00 to 0.14 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 2.6 inches)

Interpretive Groups

Land capability (non irrigated): 6s
Ecological site: Pinus ponderosa-Juniperus scop (F048AY011NM)
Other vegetative classification: ponderosa pine/mountain muhly (Pipo/Mumo)

Typical Profile

0 to 1 inches: slightly decomposed plant material
1 to 3 inches: fine sandy loam
3 to 7 inches: fine sandy loam
7 to 16 inches: clay
16 to 60 inches: bedrock