

Map Unit Description

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

LRT Lorencito-Rombo-Sarcillo complex, 25 to 65 percent slopes

Setting

Landscape: Foothills
Elevation: 6500 to 8500 feet
Mean annual precipitation: 15 to 18 inches
Mean annual air temperature: 43 to 50 degrees F
Frost-free period: 80 to 135 days

Composition

Lorencito and similar soils: 40 percent
Rombo and similar soils: 30 percent
Sarcillo and similar soils: 20 percent

Description of Lorencito

Setting

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

Properties and Qualities

Slope: 30 to 65 percent
Surface area covered with stones and boulders: 15.0 percent
Depth to restrictive feature: 10 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: 0 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 2.0
Available water capacity: Very low (about 2.5 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Pinus edulis-Juniperus scopulo (F048AY016NM)
Other vegetative classification: Pinyon/juniper (PIED/JUSC2)

Typical Profile

0 to 4 inches: channery clay loam
4 to 16 inches: parachannery clay
16 to 26 inches: bedrock

Description of Rombo

Setting

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

Properties and Qualities

Slope: 30 to 50 percent
Surface area covered with stones and boulders: 30.0 percent
Depth to restrictive feature: 20 to 40 inches to Paralithic 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: 5 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 2.0
Available water capacity: Low (about 5.4 inches)

Map Unit Description

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

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Shrubby Foothill (R049XF223CO)

Typical Profile

0 to 4 inches: channery silty clay loam
4 to 22 inches: channery silty clay loam
22 to 34 inches: parachannery silty clay loam
34 to 44 inches: bedrock

Description of Sarcillo

Setting

Landform: Hills
Landform position (two-dimensional): Toeslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Slope alluvium derived from sandstone and shale

Properties and Qualities

Slope: 25 to 40 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 high (0.00 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 5 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 2.6 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Pinus edulis-Juniperus scopulo (F048AY016NM)
Other vegetative classification: Pinyon/juniper (PIED/JUSC2)

Typical Profile

0 to 5 inches: loam
5 to 8 inches: clay loam
8 to 13 inches: clay
13 to 16 inches: clay
16 to 60 inches: bedrock