

Map Unit Description

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

SR Saruche-Rombo-Rock outcrop complex, 25 to 50 percent slopes

Setting

Landscape: Foothills
Elevation: 6800 to 8500 feet
Mean annual precipitation: 16 to 22 inches
Mean annual air temperature: 42 to 46 degrees F
Frost-free period: 70 to 100 days

Composition

Saruche and similar soils: 40 percent
Rombo and similar soils: 35 percent
Rock outcrop: 15 percent
Minor components: 10 percent

Description of Saruche

Setting

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

Properties and Qualities

Slope: 25 to 50 percent
Surface area covered with stones and boulders: 30.0 percent
Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock; 8 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
Available water capacity: Very low (about 2.6 inches)

Interpretive Groups

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

Typical Profile

0 to 4 inches: channery silty clay loam
4 to 16 inches: parachannery silty clay loam
16 to 20 inches: bedrock
20 to 30 inches: bedrock

Description of Rombo

Setting

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

Properties and Qualities

Slope: 25 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)

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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 Rock outcrop

Setting

Landform: Scarps
Parent material: Sandstone

Properties and Qualities

Slope: 35 to 50 percent
Depth to restrictive feature: 0 to 0 inches to Lithic bedrock
Capacity of the most limiting layer to transmit water (Ksat): Very low or moderately high (0.00 to 0.20 in/hr)

Interpretive Groups

Land capability (non irrigated): 8s

Typical Profile

0 to 60 inches: bedrock

Minor Components

Bandarito soils

Percent of map unit: 5 percent
Landform: Fan remnants, valley sides
Landform position (two-dimensional): Backslope, footslope, toeslope
Down-slope shape: Concave
Across-slope shape: Linear
Ecological site: Clayey Foothill (R049XB208CO)
Other vegetative classification: Clayey Foothills #208 (049XY208CO_3)

Stout soils

Percent of map unit: 3 percent
Landform: Hills
Landform position (two-dimensional): Shoulder
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: Pinus ponderosa-Juniperus scop (F048AY011NM)
Other vegetative classification: ponderosa pine/mountain muhly (Pipo/Mumo)

Dargol soils

Percent of map unit: 2 percent
Landform: Hills
Landform position (two-dimensional): Backslope
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: Pinus ponderosa-Juniperus scop (F048AY011NM)
Other vegetative classification: Douglas fir (048AY903CO)