

# 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)

# 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 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)