

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

17 Cochetopa loam, 9 to 50 percent slopes

Setting

Elevation: 7000 to 9500 feet

Composition

Cochetopa and similar soils: 80 percent

Description of Cochetopa

Setting

Landform: Alluvial fans, mountainsides

Down-slope shape: Concave, convex

Across-slope shape: Concave, convex

Parent material: Alluvium derived from basalt

Properties and Qualities

Slope: 9 to 50 percent

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: Moderate (about 8.0 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Ecological site: Brushy Loam (R048AY238CO)

Typical Profile

0 to 21 inches: loam

21 to 30 inches: stony clay loam

30 to 60 inches: stony clay

Rangeland Productivity and Plant Composition

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Map symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		<i>Lb/Ac</i>	<i>Lb/Ac</i>	<i>Lb/Ac</i>		<i>Pct</i>
17:						
Cochetopa	Brushy Loam	3,000	2,000	1,500	Gambel oak	20
					Mountain brome	20
					Elk sedge	10
					Utah serviceberry	10
					Mountain snowberry	5
					Slender wheatgrass	5