

Acreage and Proportionate Extent of the Soils

Archuleta County Area, Colorado

Map symbol	Map unit name	Acres	Percent
A6-B	Bayfield silty clay loam, 1 to 3 percent slopes	0	--
Total		0	--

* Less than 0.1 percent.

Map Unit Description

Archuleta County Area, Colorado

A6-B Bayfield silty clay loam, 1 to 3 percent slopes

Setting

Elevation: 6000 to 7000 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 110 to 130 days

Composition

Bayfield and similar soils: 90 percent
Minor components: 10 percent

Description of Bayfield

Setting

Landform: Valley flats
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sandstone and shale

Properties and Qualities

Slope: 1 to 3 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: 5 percent
Gypsum maximum: 2 percent
Salinity maximum: Non saline or slightly saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio maximum: 20.0
Available water capacity: High (about 10.9 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 6e
Ecological site: Clayey Foothills (R036XY289CO)

Typical Profile

0 to 2 inches: silty clay loam
2 to 4 inches: silty clay loam
4 to 8 inches: silty clay loam
8 to 15 inches: silty clay loam
15 to 20 inches: silty clay loam
20 to 35 inches: silty clay
35 to 48 inches: silty clay loam
48 to 60 inches: silty clay loam

Minor Components

Arboles soils

Percent of map unit: 9 percent
Landform: Pediments
Ecological site: Clayey Foothills (R036XY289CO)

Aquents soils

Percent of map unit: 1 percent
Landform: Depressions
Ecological site: Mountain Meadow (R048AY241CO)

Soil Features

Archuleta County Area, Colorado

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		<i>In</i>	<i>In</i>		<i>In</i>	<i>In</i>			
A6-B: Bayfield	---	---	---	---	0	---	Low	High	Low