

## 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