

## Routt Area, Colorado, Parts of Rio Blanco and Routt Counties

### 9E—Shermap loam, 12 to 35 percent slopes

#### Map Unit Setting

*Elevation:* 6,400 to 7,300 feet

*Mean annual precipitation:* 16 to 20 inches

*Mean annual air temperature:* 40 to 44 degrees F

*Frost-free period:* 80 to 110 days

#### Map Unit Composition

*Shermap and similar soils:* 80 percent

#### Description of Shermap

##### Setting

*Landform:* Structural benches, hills

*Landform position (three-dimensional):* Base slope, head slope, nose slope, side slope

*Parent material:* Eolian deposits derived from sandstone and shale and/or slope alluvium derived from sandstone

##### Properties and qualities

*Slope:* 12 to 35 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high (0.20 to 0.60 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water capacity:* High (about 9.8 inches)

##### Interpretive groups

*Farmland classification:* Not prime farmland

*Land capability (nonirrigated):* 6e

*Hydrologic Soil Group:* B

*Ecological site:* Mountain Loam (R048AY228CO)

##### Typical profile

*0 to 10 inches:* Loam

*10 to 18 inches:* Clay loam

*18 to 30 inches:* Clay loam

*30 to 46 inches:* Clay loam

*46 to 49 inches:* Clay loam

*49 to 65 inches:* Sandy clay loam

### 10E—Bulkley silty clay, 12 to 25 percent slopes

#### Map Unit Composition

*Bulkley and similar soils:* 100 percent

**Description of Bulkley**

**Setting**

*Landform:* Hills

*Landform position (three-dimensional):* Side slope, base slope, head slope, nose slope

*Parent material:* Colluvium derived from sandstone and shale and/or slope alluvium derived from sandstone and shale

**Properties and qualities**

*Slope:* 12 to 25 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to moderately high (0.06 to 0.20 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 15 percent

*Gypsum, maximum content:* 5 percent

*Maximum salinity:* Nonsaline (0.0 to 2.0 mmhos/cm)

**Interpretive groups**

*Farmland classification:* Not prime farmland

*Land capability (nonirrigated):* 6e

*Hydrologic Soil Group:* C

*Ecological site:* Claypan (R034XY296CO)

Custom Soil Resource Report

Rangeland Productivity and Plant Composition– Routt Area, Colorado, Parts of Rio Blanco and Routt Counties						
Map unit 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>
9E—Shermap loam, 12 to 35 percent slopes						
Shermap	Mountain Loam	1,800	1,500	1,200	Mountain big sagebrush	15
					Letterman's needlegrass	15
					Slender wheatgrass	10
					Western wheatgrass	10
					Mountain brome	5
					Elk sedge	5
					Mountain snowberry	5
					Miscellaneous perennial forbs	5
					Nodding brome	5
					Miscellaneous perennial grasses	5
10E—Bulkley silty clay, 12 to 25 percent slopes						
Bulkley	Claypan	—	—	—	—	—