

# Map Unit Description

Moffat County Area, Colorado

## 1 Abor silty clay loam, 12 to 25 percent slopes

### Setting

Elevation: 6300 to 7000 feet  
Mean annual precipitation: 13 to 15 inches  
Mean annual air temperature: 42 to 45 degrees F  
Frost-free period: 75 to 95 days

### Composition

Abor and similar soils: 85 percent

### Description of Abor

#### Setting

Landform: Hillslopes  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Residuum derived from shale

#### Properties and Qualities

Slope: 12 to 25 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: 4 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 5.7 inches)

#### Interpretive Groups

Land capability (non irrigated): 6e  
Ecological site: Clayey Foothills (R034XY289CO)

#### Typical Profile

0 to 4 inches: silty clay loam  
4 to 37 inches: silty clay  
37 to 41 inches: weathered bedrock