

# Map Unit Description

Moffat County Area, Colorado

## 162 Rock River sandy loam, 3 to 12 percent slopes

### Setting

Elevation: 6200 to 7200 feet  
Mean annual precipitation: 11 to 13 inches  
Mean annual air temperature: 42 to 45 degrees F  
Frost-free period: 75 to 95 days

### Composition

Rock river and similar soils: 85 percent

### Description of Rock river

#### Setting

Landform: Alluvial fans, benches, hillslopes  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian deposits and residuum derived from sandstone

#### Properties and Qualities

Slope: 3 to 12 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Moderate (about 7.6 inches)

#### Interpretive Groups

Land capability (non irrigated): 4e  
Ecological site: Rolling Loam (R034XY298CO)

#### Typical Profile

0 to 3 inches: sandy loam  
3 to 22 inches: sandy clay loam  
22 to 32 inches: sandy clay loam  
32 to 60 inches: sandy loam