

**62 Rock outcrop-Torriorthents complex, very steep****Setting**

Elevation: 5800 to 8500 feet  
 Mean annual precipitation: 10 to 15 inches  
 Mean annual air temperature: 39 to 46 degrees F  
 Frost-free period: 80 to 105 days

**Composition**

Rock outcrop: 65 percent  
 Torriorthents and similar soils: 30 percent

**Description of Rock outcrop****Setting**

Landform: Hillslopes, escarpments, plateaus  
 Landform position (two-dimensional): Shoulder  
 Down-slope shape: Concave, convex  
 Across-slope shape: Concave, convex  
 Parent material: Very stony colluvium derived from calcareous shale

**Properties and Qualities**

Slope: 50 to 80 percent  
 Depth to restrictive feature: 0 to 0 inches to Paralithic bedrock  
 Capacity of the most limiting layer to transmit water (Ksat): Very low or moderately high (0.00 to 0.20 in/hr)  
 Frequency of flooding: None  
 Available water capacity: Very low (about 0.0 inches)

**Interpretive Groups**

Land capability (non irrigated): 8s

**Typical Profile**

0 to 60 inches: unweathered bedrock

**Description of Torriorthents****Setting**

Landform: Hillslopes, plateaus  
 Landform position (two-dimensional): Shoulder  
 Down-slope shape: Convex  
 Across-slope shape: Convex  
 Parent material: Alluvium derived from calcareous shale

**Properties and Qualities**

Slope: 50 to 80 percent  
 Depth to restrictive feature: 4 to 30 inches to Lithic bedrock  
 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: 0 percent  
 Available water capacity: Very low (about 2.4 inches)

**Interpretive Groups**

Land capability (non irrigated): 8e

**Typical Profile**

0 to 4 inches: variable  
 4 to 30 inches: fine sandy loam  
 30 to 34 inches: unweathered bedrock