

Scale from U.S. Geological Survey, 1:24,000  
Cortez Reservoir, Lay Y Point, Mullen Hill,  
Plug Hut Rock, Pungly Hill and Skull Creek, 1962

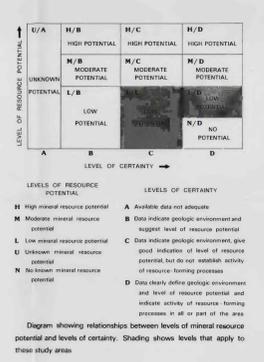
Geology by R.E. Van Loosen and W.A. Bryant, 1968  
F.S. Rowley and W.A. Hansen, 1979

**EXPLANATION OF MINERAL RESOURCE POTENTIAL**  
L/C Geologic terranes having low resource potential for all undiscovered metals, including uranium, vanadium, and copper, and oil and gas—Applies to both study areas  
L/D Geologic terranes having low resource potential for all undiscovered coal—Applies to both study areas

**CORRELATION OF MAP UNITS**

Qac	Qa	Qd	Qs	Qm	} Quaternary	} CENOZOIC
Unconformity						
Km	Kmf	Kmn	Kd		} Upper Cretaceous	} CRETACEOUS
Unconformity						
Km	Kmf	Kmn	Kd		} Lower Cretaceous	
Unconformity						
jm					} Upper Jurassic	} JURASSIC
Unconformity						
ju					} Middle Jurassic	
Unconformity						
ju					} Lower Jurassic	
Unconformity						
tr					} Upper Triassic	} TRIASSIC
Unconformity						
tr					} Middle(?) and Lower Triassic	
Unconformity						
pp					} Lower Permian	} PERMIAN
Unconformity(?)						
ppv					} Upper and Middle Pennsylvanian	} PENNSYLVANIAN
Unconformity(?)						

- LIST OF MAP UNITS**
- Qac Alluvium and colluvium (Quaternary)
  - Qa Landslide deposits (Quaternary)
  - Qs Terrace deposits (Quaternary)
  - Qd Dune deposits (Quaternary)
  - Km Mancos Shale (Upper Cretaceous)
  - Kmf Main body
  - Kmn Frontier Sandstone Member
  - Kd Mowry Shale Member
  - Km Dakota Sandstone (Lower Cretaceous)
  - jm Cedar Mountain Formation (Lower Jurassic)
  - ju Morrison Formation (Upper and Middle Jurassic)
  - ju Stump Formation (Upper and Middle Jurassic)
  - ju Redwater Member (Upper Jurassic)
  - ju Curtis Member (Middle Jurassic)
  - ju Entrada Sandstone (Middle Jurassic)
  - ju Carmel Formation (Middle Jurassic)
  - ju Glen Canyon Sandstone (Lower Jurassic)
  - ju Chiale Formation (Upper Triassic)
  - tr Moenkopi Formation (Middle? and Lower Triassic)
  - pp Park City Formation (Lower Permian)
  - ppv Wabier Sandstone (Lower Permian and Upper and Middle Pennsylvanian)
- Contact—Dashed where inferred  
— Normal fault—Dashed where inferred, dotted where concealed; bar and ball on down-throw side  
— Anticline—Arrow shows direction of plunge  
— Joint  
— S Strike and dip  
— M Mix or prospect  
— Q Quarry



**Source of mapping**

Rowley and Hansen, 1979	Van Loosen and Bryant, 1968
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MAP SHOWING MINERAL RESOURCE POTENTIAL AND GEOLOGY OF THE WILLOW CREEK AND SKULL CREEK WILDERNESS STUDY AREAS, MOFFAT COUNTY, COLORADO