




CORRELATION OF MAP UNITS

| | | | | | | |
|--------------|----|-----|--|--|-------------------------------------|-------------------|
| Ga | Ql | | | | } QUATERNARY | |
| Unconformity | | | | | | |
| Kd | | | | | } Lower Cretaceous | |
| Unconformity | | | | | | |
| Kcm | | | | | | |
| Unconformity | | | | | } CRETACEOUS | |
| Jm | | | | | | |
| Unconformity | | | | | | |
| Js | | Jse | | | } Upper Jurassic | |
| Unconformity | | | | | | |
| Jc | | | | | | |
| Unconformity | | | | | | } Middle Jurassic |
| Je | | | | | | |
| Jca | | | | | | |
| Unconformity | | | | | } Lower Jurassic and Upper Triassic | |
| Jtg | | | | | | |
| Unconformity | | | | | | |
| | | | | | } JURASSIC AND TRIASSIC | |
| | | | | | | |

LIST OF MAP UNITS

| | |
|-----|---|
| Qa | Alluvium, slope wash, and colluvium (Quaternary) |
| Ql | Landslide deposits (Quaternary) |
| Kd | Dakota Sandstone (Lower Cretaceous) |
| Kcm | Cedar Mountain Formation (Lower Cretaceous) |
| Jm | Morrison Formation (Upper Jurassic) |
| Js | Stump Formation (Upper and Middle Jurassic) |
| Je | Entrada Sandstone (Middle Jurassic) |
| Jse | Stump Formation and Entrada Sandstone (Upper and Middle Jurassic) |
| Jca | Carmel Formation (Middle Jurassic) |
| Jtg | Glen Canyon Sandstone (Lower Jurassic and Upper Triassic) |

 Contact
 Anticline—Dashed where approximately located, dotted where concealed, showing direction of plunge
 Syncline—Dashed where approximately located, showing direction of plunge
 Strike and dip of beds
 Locality and number of Glen Canyon Sandstone samples

| U/A | H/B | H/C | H/D |
|----------------------|------------------------------|------------------------------|------------------------------|
| UNKNOWN POTENTIAL | HIGH POTENTIAL | HIGH POTENTIAL | HIGH POTENTIAL |
| | M/B MODERATE POTENTIAL | M/C MODERATE POTENTIAL | M/D MODERATE POTENTIAL |
| | L/B LOW POTENTIAL | L/C LOW POTENTIAL | L/D LOW POTENTIAL |
| | | | N/D NO POTENTIAL |
| | A | B | C |

| LEVELS OF RESOURCE POTENTIAL | | LEVELS OF CERTAINTY | |
|---------------------------------|-------------------------------------|---------------------|---|
| H | High mineral resource potential | A | Available data not adequate |
| M | Moderate mineral resource potential | B | Data indicate geologic environment and suggest level of resource potential |
| L | Low mineral resource potential | C | Data indicate geologic environment, give good indication of level of resource potential, but do not establish activity of resource - forming processes |
| U | Unknown mineral resource potential | D | Data clearly define geologic environment and level of resource potential and indicate activity of resource - forming processes in all or part of the area |
| N | No known mineral resource potential | | |

Diagram showing relationships between levels of mineral resource potential and levels of certainty. Shading shows levels that apply to this study area

**MINERAL RESOURCE POTENTIAL AND GEOLOGIC MAP OF THE BULL CANYON WILDERNESS STUDY AREA,
MOFFAT COUNTY, COLORADO, AND UINTAH COUNTY, UTAH**