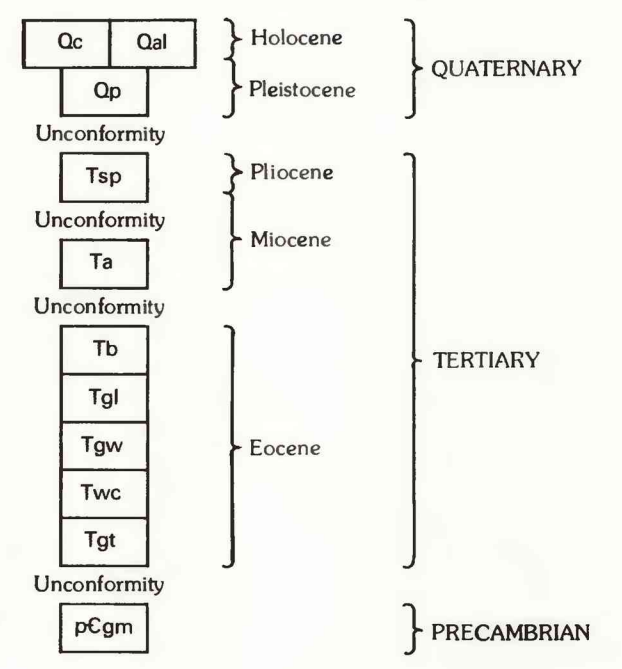


**M/C
L/B
L/C** Geologic terrane having moderate resource potential for oil and gas with certainty level C; low resource potential for coal, uranium, and geothermal energy with certainty level B; and low resource potential for oil shale, placer gold, and metals other than uranium and placer gold with certainty level C—Applies to entire wilderness study area

CORRELATION OF MAP UNITS



LIST OF MAP UNITS

- Qal Alluvium (Holocene and Pleistocene)
 - Qc Colluvium (Holocene and Pleistocene)
 - Op Pediment deposits (Pleistocene?)
 - Tsp South Pass Formation (Pliocene and Miocene)
 - Ta Arikaree Formation (Miocene)
 - Tb Bridger Formation (Eocene)
 - Tgl Laney Member of the Green River Formation (Eocene)
 - Tgw Wilkins Peak Member of the Green River Formation (Eocene)
 - Twc Cathedral Bluffs Tongue of the Wasatch Formation (Eocene)
 - Tgt Tipton Shale Member of the Green River Formation (Eocene)
 - pCgm Granitic and metamorphic rocks (Precambrian)
- Contact
 - - - Fault—Dashed where approximately located; bar and ball on downthrown side; dotted where concealed
 -▲- Thrust fault—Concealed; sawteeth on upper plate
 -∩- Anticline
 -∪- Syncline
 -A-S- Monocline—Showing trace of axes; A, axis of anticlinal bend; S, axis of synclinal bend
 -e- Strike and dip of beds
 -5- Component of dip—Dot marks point of observation
 -3- Dry hole—Numbers keyed to table 2

LEVEL OF RESOURCE POTENTIAL ↑	U/A	H/B	H/C	H/D
		HIGH POTENTIAL	HIGH POTENTIAL	HIGH POTENTIAL
	UNKNOWN	M/B MODERATE POTENTIAL	M/C MODERATE POTENTIAL	M/D MODERATE POTENTIAL
	POTENTIAL	L/B LOW POTENTIAL	L/C LOW POTENTIAL	L/D LOW POTENTIAL
	A	B	C	D
	LEVEL OF CERTAINTY →			

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

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

Base from U.S. Geological Survey
 Dickie Springs, 1980, 1:24,000; Pacific Springs, 1980, 1:24,000;
 Freighters Gap, 1958, 1:62,500

SCALE 1:50,000

CONTOUR INTERVAL 20 AND 40 FEET
 DATUM IS MEAN SEA LEVEL

WYOMING

Geology modified from Zeller and Stephens, 1969

MINERAL RESOURCE POTENTIAL AND GEOLOGIC MAP OF THE OREGON BUTTES WILDERNESS STUDY AREA, SWEETWATER COUNTY, WYOMING