

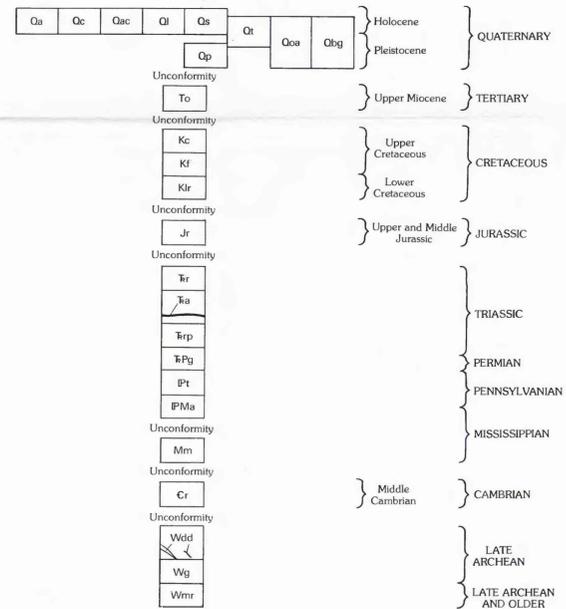
EXPLANATION OF MINERAL RESOURCE POTENTIAL

[No geologic terrane having high or moderate mineral resource potential for any commodity was identified by this study. The entire study area has no mineral resource potential for commodities 4 and 5 (see list below), at certainty level D. Phanerozoic rocks have no resource potential for any metallic elements, at certainty level D.]

- 1 L/C** Geologic terrane having low mineral resource potential for commodity 1, at certainty level C
- 2 L/C** Geologic terrane having low mineral resource potential for commodity 2, at certainty level C
- 3 L/C** Geologic terrane having low mineral resource potential for commodity 3, at certainty level C

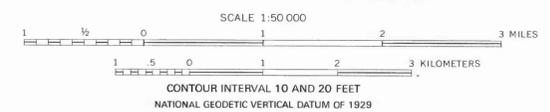
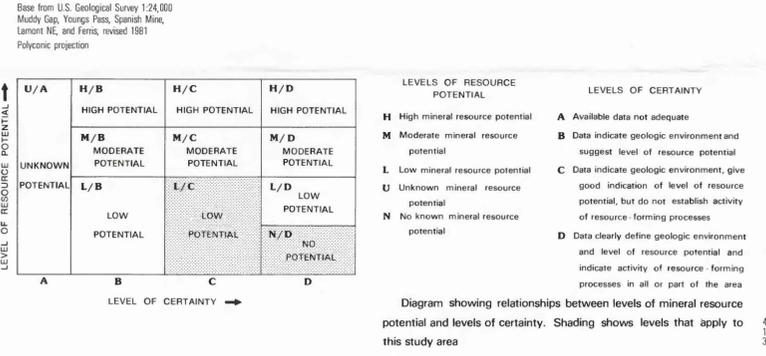
- Commodities**
1. Gold, silver, copper, lead, zinc, iron, nickel, molybdenum, tungsten, lithium, beryllium, manganese
 2. Limestone (CaCO₃), cement or flux use
 3. Silica
 4. Gypsum, phosphate, uranium, thorium, coal
 5. Oil and natural gas

CORRELATION OF MAP UNITS



LIST OF MAP UNITS

- | | | | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|
| Qa | Alluvium (Holocene) | IPMa | Amsden Formation (Pennsylvanian and Mississippian) |
| Qc | Colluvium (Holocene) | Mm | Madison Limestone (Mississippian) |
| Qac | Colluvium and alluvium, undivided (Holocene) | Cr | Sedimentary rocks, undivided (Cambrian)—Includes Buck Spring Formation and Flathead Sandstone |
| Ql | Landslide deposits (Holocene) | Wdd | Selected diabase and amphibolite dikes (Late Archean; may include some Early Proterozoic rocks) |
| Qs | Eolian sand (Holocene) | Wg | Porphyritic granite and granodiorite (Late Archean) |
| Qr | Terrace gravel (Holocene and Pleistocene) | Wmr | Metamorphic rocks, undivided (Late Archean and older) |
| Qoa | Older alluvium (Holocene and Pleistocene) | | |
| Qbg | Boulder gravel deposits (Holocene and Pleistocene) | | |
| Qp | Pediment gravel (Pleistocene) | | |
| To | Ogallala Formation (Upper Miocene) | | |
| Kc | Cody Shale (Upper Cretaceous) | | |
| Kf | Frontier Formation (Upper Cretaceous) | | |
| Klr | Sedimentary rocks, undivided (Lower Cretaceous)—Includes Mowry Shale, Thermopolis Shale, and Cloverly Formation | | |
| Jr | Sedimentary rocks, undivided (Jurassic)—Includes Upper Jurassic Morrison Formation and Upper and Middle Jurassic Sundance Formation | | |
| Tr | Sedimentary rocks, undivided (Triassic)—Includes Nugget Sandstone, Popo Agie Formation, and Jelm Formation | | |
| Ta | Alcova Limestone (Triassic) | | |
| Trp | Red Peak Formation (Triassic) | | |
| Fp | Goose Egg Formation (Triassic and Permian) | | |
| IPt | Tensleep Sandstone (Pennsylvanian) | | |



MAP SHOWING THE MINERAL RESOURCE POTENTIAL, GEOLOGY, AND PROSPECTS OF THE FERRIS MOUNTAINS WILDERNESS STUDY AREA, CARBON COUNTY, WYOMING