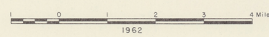




EXPLANATION

- | | | | |
|-----------------------------|------|--|-------------------------------|
| Pleistocene(?) | Qal | Alluvium | TERTIARY QUATERNARY |
| | Q1 | Terrace deposits
(Number one terrace is the oldest) | |
| Upper Cretaceous | Tr | Igneous rocks | CRETACEOUS |
| | Kj | Judith River formation | |
| | Kc | Claggett shale | |
| | Ke | Eagle sandstone | |
| Lower Cretaceous | Ktcc | Telegraph Creek formation and Colorado shale (undivided) | CRETACEOUS |
| | Kk | Kootenai formation | |
| Upper Jurassic | Jm | Morrison formation | PENNSYLVANIAN - JURASSIC |
| | Je | Ellis group
(includes Swift, Rierdon, and Piper formations) | |
| Middle Jurassic | Jm | Morrison formation | PENNSYLVANIAN - JURASSIC |
| | Je | Ellis group
(includes Swift, Rierdon, and Piper formations) | |
| Upper Mississippian | Ca | Amsden formation | MISSISSIPPIAN - CARBONIFEROUS |
| | Ch | Heath shale | |
| Lower & Upper Mississippian | Co | Otter formation | MISSISSIPPIAN - CARBONIFEROUS |
| | Ks | Kibbey sandstone | |
| Lower & Upper Mississippian | Cm | Madison limestone | MISSISSIPPIAN - CARBONIFEROUS |
| | Cm | Madison limestone | |
-
- Geologic contact
Dashed where inferred
 - Strike and dip of beds
 - Fault
Dashed where inferred
U, upthrown side; D, downthrown side
 - Dam
 - Landslide

Geology by E. A. Zimmerman
Modified from U.S.G.S. Bull. 1027, Pl. 45



GEOLOGIC MAP OF SOUTHERN JUDITH BASIN, MONTANA