GEOLOGIC MAP OF THE GREAT FALLS REGION MONTANA

By Cassius A. Fisher. 1906

Scale 1:125000

0 1 2 3 4 5 6 7 8 9 10 miles

0 1 2 3 4 5 6 7 8 9 10 kilometers

Contour interval 100 feet

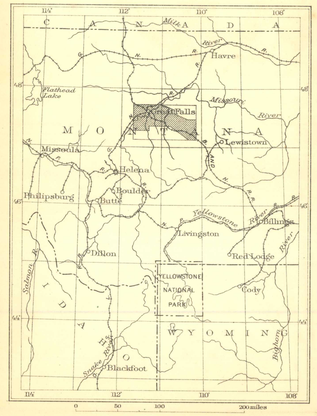
Datum is mean sea level.

1907

LEGEND

- Valley filling (recent); alluvium and glacial lake deposits (only larger areas shown) — QUATERNARY
- Glacial deposits (not including lake sediments)
- Terrace gravels (sand, gravel, sandy clay and conglomerates) — TERTIARY
- Colorado formation (dark-gray shales with sandstone at base) — CRETACEOUS
- Kootenai formation (red sandy shales, gray sandstone and concretionary limestone; coal near base)
- Morrison formation? (variegated shales; argillaceous limestone and thin-bedded sandstone) — JURASSIC
- Ellis formation (buff-colored sandstone and conglomerate with dove-colored limestone at base)
- Quadrant formation (variegated shales, gypsum and limestone) — CARBONIFEROUS
- Madison limestone (massive gray limestone)
- Dikes (mainly basalt)
- Dip and strike
- Roads

INDEX MAP

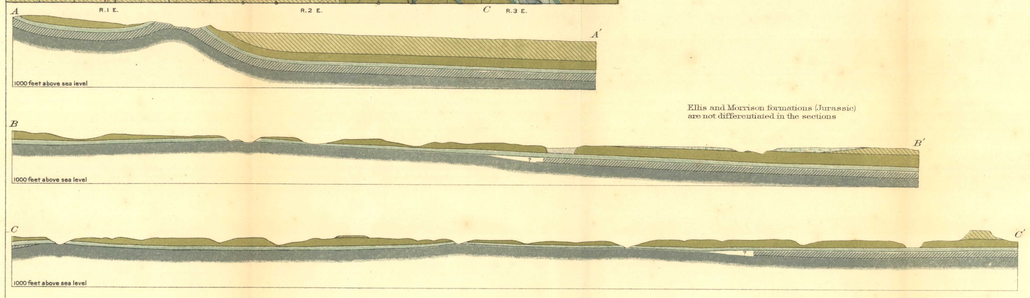


GEOLOGIC SECTIONS ON LINES A-A', B-B', AND C-C'.

Vertical scale

0 5000 10000 feet

Horizontal scale same as map



Ellis and Morrison formations (Jurassic) are not differentiated in the sections