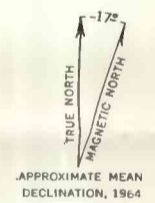


EXPLANATION

- |                           |  |            |
|---------------------------|--|------------|
| Recent                    | <b>Qt</b>  | QUATERNARY |
|                           | Tufa<br>Calcareous tufa intertongued with alluvial silt, sand, and gravel                                |            |
| Lower Cretaceous          | <b>Kc</b>  | CRETACEOUS |
|                           | Lower part of the Colorado Group<br>Principally black shale with included concretions                    |            |
| Upper Jurassic            | <b>Kcl</b>   | JURASSIC   |
|                           | Cloverly Formation<br>Variegated shale with sandstone bed at top and conglomeratic sandstone at the base |            |
| Middle and Upper Jurassic | <b>Jm</b>  | JURASSIC   |
|                           | Morrison Formation<br>Variegated clay, shale, and soft sandstone   |            |
| Middle and Upper Jurassic | <b>Je</b>  | JURASSIC   |
|                           | Ellis Group<br>Varicolored shale, clay, and limestone below; olive-brown clay and sandstone above        |            |
|                           | <b>Rc</b>  | TRIASSIC   |
|                           | Chugwater Formation<br>Red sandstone and siltstone beds with some interbedded gypsum                     |            |
|                           | <b>Contact</b><br>Dashed where inferred  |            |
|                           | <b>Fault</b><br>Dashed where approximately located. U, upthrown side; D, downthrown side                 |            |
|                           | ● Flowing well   |            |
|                           | ○ Spring   |            |



Base map adapted from topographic map prepared by Fairchild Aerial Surveys, Inc., for the U.S. Bureau of Reclamation

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964—W63423

Geology and hydrology mapped in 1960 by E. A. Zimmerman

**GEOLOGY OF THE BLUEWATER SPRINGS AREA  
CARBON COUNTY, MONTANA**

