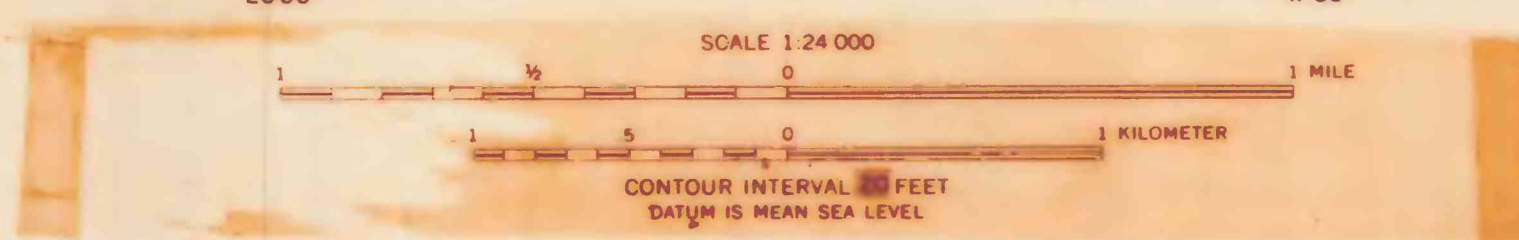




Base from U.S. Geological Survey
unedited advance print

Geology mapped in 1973



PRELIMINARY GEOLOGIC MAP OF THE BERTHA 2 NE QUADRANGLE, CAMPBELL COUNTY, WYOMING

By
E. J. McKay and E. R. Landis
1974

U.S. Geological Survey
OPEN FILE REPORT
This map is preliminary and has not
been edited or reviewed for conformity
with Geological Survey standards or
nomenclature.

EXPLANATION

- | | | |
|-------------|--|------------|
| Qal | ALLUVIUM (HOLOCENE)—Unconsolidated silt and sand on the flood plains of the largest streams. Includes some slope wash locally | QUATERNARY |
| Tfr | Tongue River Member—Gray to light-yellow fine-grained sandstone and siltstone, medium-gray mudstone and claystone, brown carbonaceous shale, and coal. Provisional base of member is the Cache coal bed | |
| Tfls | Tongue of Lake Shale Member—About 100 feet thick; about 100 feet above the Cache coal bed south of 85 Creek | TERTIARY |
| Tfls | Lake Shale and Tullock Members—Gray claystone containing reddish-brown siderite concretions, thin coal, and carbonaceous shale beds. Lake Shale Member at surface except possibly in creek bottoms on east side of quadrangle where underlying Tullock Member may be exposed | |

- | | |
|-------|--|
| — | Contact—Dashed where approximately located; dotted where concealed |
| — | Fault—Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side |
| Cache | Outcrop of coal bed—Drawn on base of the coal. Dashed where approximately located; dotted where concealed. Number identifies locality of measured coal section shown on sheet 2. Bed name queried where correlation is uncertain |