



Base from U.S. Geological Survey
unedited advance print

Geology mapped in 1973



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.

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

By
E. J. McKay
1974

EXPLANATION	
Qal	ALLUVIUM (HOLOCENE)—Unconsolidated silt and sand on the flood plains of the largest streams. Includes some slope wash locally
Tfer	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 the member is the Cache coal bed
Tflt	Lebo Shale and Tullock Members—Gray claystone containing reddish-brown siderite concretions, thin coal, and carbonaceous shale beds
	QUATERNARY
	TERTIARY
U/D	Contact—Dashed where approximately located; dotted where concealed
—/—	Fault—Dashed where approximately located; U, upthrown side; D, downthrown side.
—/—	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 queried where correlation is uncertain
—/—	Outcrop of burned coal bed—Dashed where approximately located. Dotted line shows limit of rock altered by burning of the coal
⊕	Drill hole—Showing holes for which thickness and depth of coal have been determined as listed on table 1 (sheet 3)
⊙	Sandstone channel—Locally cuts across coal outcrop. Dotted line is outline of the channel