

EXPLANATION

Tr
Arikaree (Miocene), White River (Oligocene), and Wagon Bed (Eocene) Formations

Til
Dacitic and alkalic igneous intrusive rocks and associated lavas

Twd
Wind River Formation

TKr
Fort Union (Paleocene), Lance, Lewis, Meeteetse, Mesaverde, Cody, and Frontier (Upper Cretaceous) Formations

Kkr
Mowry, Thermopsis, Cloverly (Lower Cretaceous), Morrison, Sundance, Nugget (Jurassic), Chugwater, and Dinwoody (Triassic) Formations

pCr
Phosphoria (Permian), Tensleep (Pennsylvanian), Ansdien (Pennsylvanian and Mississippian), Madison (Mississippian), Gros Ventre, and Flathead (Cambrian) Formations

pCg
Granite, gneiss, and hornblende schist

Contact
Dashed where approximately located

Fault
Dashed where probable; Bar and ball on downthrown side. Arrow shows relative horizontal movement

Probable fault
Dashed where probable; dotted where concealed. R, upthrown side

Reverse fault
Dashed where probable; dotted where concealed. R, upthrown side

Anticline
Showing crestline and direction of plunge; dashed where probable; dotted where concealed. Short arrow indicates steeper limb of asymmetric anticline

Syncline
Showing troughline and direction of plunge; dashed where probable; dotted where concealed. Short arrow indicates steeper limb of asymmetric syncline

Mines
Active or abandoned. Locations and names as of 1960

BART MINE
Open-pit uranium mine

ANDRIA MINE
Smaller open-pit uranium mine

RIDGE MINE
Portal or adit of uranium mine

PEACH MINE
Shaft of uranium mine

Abandoned oil or gas test hole
Gas well

Abandoned gas well
Oil and gas well

Abandoned gas well with show of oil
Oil well

Abandoned test hole with show of oil
Abandoned test hole with show of gas

Atomic Energy Commission core hole, 1955
GH-3

Sources of information used in compiling map. Complete references are listed in "References Cited" at the end of the report

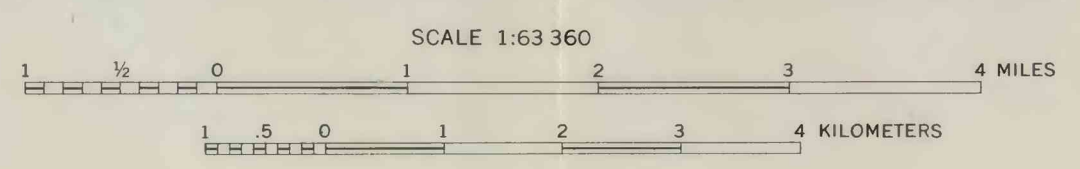
1. J. J. Bogert (1954)
2. B. D. Carey, Jr. (1954a, b)
3. C. J. Hare (1916)
4. J. D. Love, J. L. Weitz, and R. K. Rose (1955)
5. J. P. Minard (written commun., 1957)
6. P. E. Soister (1966a)
7. P. E. Soister (1966b)
8. P. E. Soister (1967a)
9. P. E. Soister (1967b)
10. P. E. Soister (photogeology)
11. R. M. Thompson and V. L. White (1952a, b)
12. E. Van Houten and J. L. Weitz (1956)
13. H. D. Zeller (1957)
14. H. D. Zeller (written commun., 1958)
15. H. D. Zeller, P. E. Soister, and H. J. Hyden (1956)

QUADRANGLES (7½-MINUTE) COVERED BY THIS MAP

Numbers, keyed to list in explanation, show principal sources of information

107°52'30"	107°45'	107°37'30"	107°30'	107°22'30"
43°00'	43°00'	43°00'	43°00'	43°00'
107°52'30"	107°45'	107°37'30"	107°30'	107°22'30"
43°00'	43°00'	43°00'	43°00'	43°00'

GEOLOGIC MAP OF SOUTH-CENTRAL WIND RIVER BASIN, WYOMING



INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D.C.—1648-2213-301
Compiled by P. E. Soister, 1965

