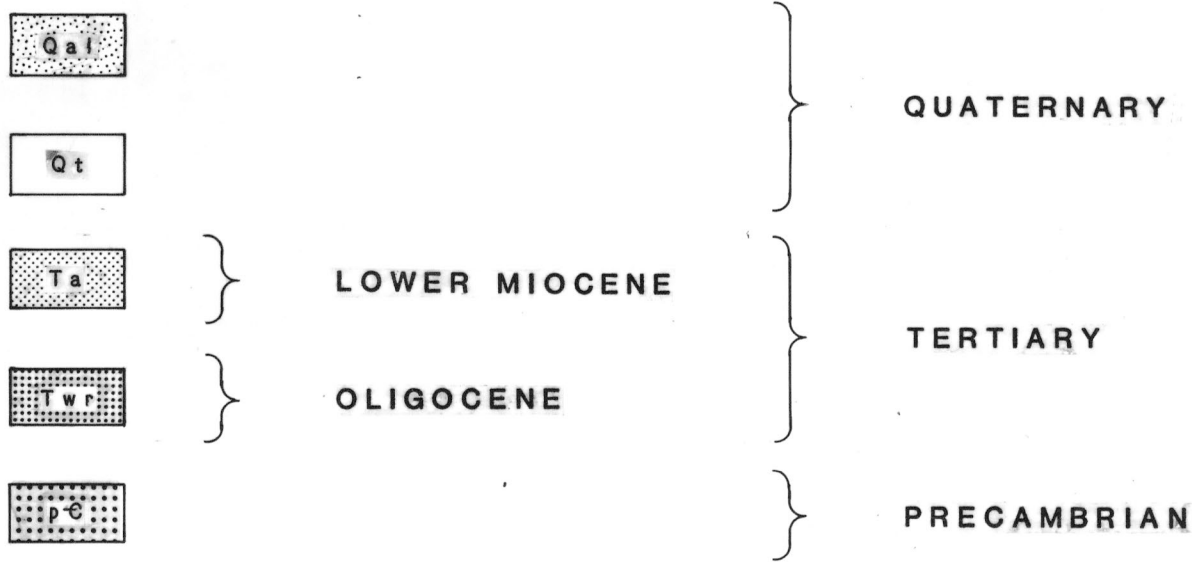


EXPLANATION

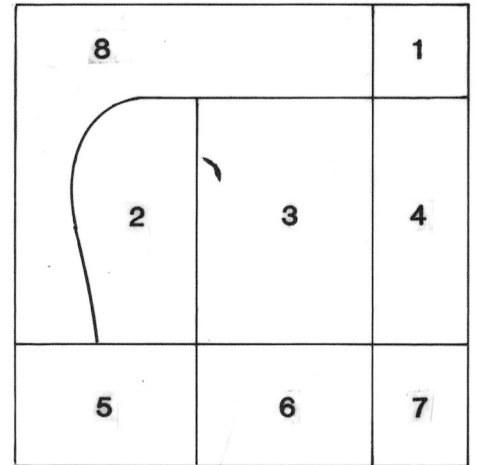
CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

- ALLUVIUM**--Lenses of silt, sand, and gravel. Ranges in thickness from 0 to about 40 feet
- TERRACE DEPOSITS**--Subangular to rounded unconsolidated sand, gravel, cobbles, and boulders, interbedded with lenses of clay and silt. Ranges in thickness from 5 to 90 feet
- ARIKAREE FORMATION**--Primarily loosely to moderately cemented very fine to fine white to gray sand and silt. Upper unit is principally very fine-grained, moderately hard sandstone and silt. A lower unit consists of loosely to well-cemented sandstone interbedded with lenses of well-cemented conglomerate. Thickness ranges from 0 to about 1,100 feet
- WHITE RIVER FORMATION**--Moderately hard, brittle, argillaceous siltstone; contains channel deposits of sand, sandstone, localized beds of limestone, moderately thick beds of clay, and a few beds of volcanic ash
- PRECAMBRIAN**--Granite, schist, and gneiss

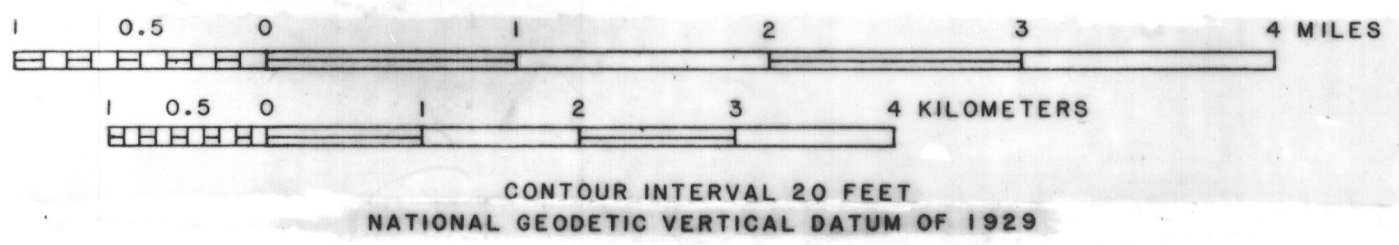
- LOCATION OF SECTION**
- CONTACT**--Dashed where approximately located
- FAULT**--Dashed where approximately located. D, downthrown side; U, upthrown side
- IRRIGATION WELL**
- MUNICIPAL OR PUBLIC-SUPPLY WELL**
- INDUSTRIAL WELL**



- 1. McGrew (1967a)
- 2. Weeks (1964)
- 3. McGrew (1967b)
- 4. McGrew (1967c)
- 5. McGrew (1967d)
- 6. McGrew (1967e)
- 7. McGrew (1967f)
- 8. Morris and Babcock (1960)

INDEX TO GEOLOGIC MAPPING

Base from U.S. Geological Survey
Antelope Gap, Bordeaux, Dwyer,
Ferguson Corner, Hightower,
Lewis Flat, Natwick, Wheatland,
and Wheatland NE 1:24,000
quadrangles, 1951-78.



Compiled and modified by M. A. Grist, 1980.

MAP SHOWING GEOLOGY AND LOCATION OF SELECTED IRRIGATION, MUNICIPAL, AND INDUSTRIAL WELLS, WHEATLAND FLATS AREA, WYOMING.