



EXPLANATION

CORRELATION OF MAP UNITS

|     |               |
|-----|---------------|
| Qal | QUATERNARY    |
| Qt  |               |
| Ta  | LOWER MIocene |
| Twf |               |
| TpC | OLIGOCENE     |
| TpC |               |
| TpC | PRECAMBRIAN   |
| TpC |               |

DESCRIPTION OF MAP UNITS

|     |   |
|-----|---|
| Qal | ALLUVIUM--Lenses of silt, sand, and gravel. Ranges in thickness from 0 to about 40 feet   |
| Qt  | 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   |
| Ta  | 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 |
| Twf | 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   |
| TpC | 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

|   |   |
|---|---|
| 8 | 1 |
| 2 | 3 |
| 5 | 6 |

INDEX TO GEOLOGIC MAPPING

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)

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

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

