



- GEOLOGIC UNITS**
- SEDIMENTARY DEPOSITS**
- QUATERNARY AND OLDER SEDIMENTARY DEPOSITS
- Qd Dune sand (Holocene)
 - Qla Lacustrine and fluvial deposits (Holocene)
 - Qa Alluvium (Holocene to Pleistocene)
 - Qaf Alluvial fans (Holocene to Pleistocene)
 - Ql Loess (Holocene to Pleistocene)
 - Qls Mass-wasting deposits (Holocene to Pleistocene)
 - Qfs Outburst flood deposits, silt and sand (Pleistocene)
 - Qfg Outburst flood deposits, gravel (Pleistocene)
 - Qrbg Outburst flood deposits, backwater gravels (Pleistocene)
 - Qrb Bonneville flood deposits (Pleistocene)
 - Qmg Gravel (Pleistocene to Miocene?)
- TERTIARY SEDIMENTARY DEPOSITS**
- RMc Continental sedimentary deposits (Pliocene to upper Miocene)
- TERTIARY VOLCANIC ROCKS**
- COLUMBIA RIVER BASALT GROUP**
- SADDLE MOUNTAINS BASALT**
- Mwsm Lower Monumental Member (upper Miocene)
 - Mwsm Elephant Mountain Member (upper Miocene)
 - Mwgs Saddle Mountains Basalt, undivided (middle Miocene)
 - Mwgs Pomona Member (middle Miocene)
 - Mwgs Esquatzel Member (middle Miocene)
 - Mwgs Asotin Member (middle Miocene)
 - Mwgs Wilbur Creek Member (middle Miocene)
- WANAPUM BASALT (MIDDLE MIOCENE)**
- Mwpr Priest Rapids Member
 - Mwrs Roza Member
 - Mwts Frenchman Springs Member
- GRANDE RONDE BASALT (MIDDLE MIOCENE)**
- Mwgs2 Upper flows of normal magnetic polarity

SCALE 1:100,000
0 1 2 3 4 5 6 7 8 9 10
KILOMETERS
0 1 2 3 4 5
MILES
5000 0 5000 10000 15000 20000 25000
FEET
CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
PROJECTION AND 10,000-METER GRID, ZONE 11
UNIVERSAL TRANSVERSE MERCATOR
25,000-FOOT GRID TICKS BASED ON WASHINGTON COORDINATE
SYSTEM, SOUTH ZONE
BASE MAP BY USGS
EDITED - 1983

GEOLOGIC MAP OF THE CONNELL 1:100,000 QUADRANGLE, WASHINGTON

Compiled by
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- scratch boundary (unresolved differences between source maps).
- ?--- contact, long dashed where approximately located, queried where uncertain.
- normal fault, dotted where concealed, bar and ball on downthrown side.

- EXPLANATION**
- anticline, dotted where concealed, showing plunge direction.
- syncline, dotted where concealed, showing plunge direction.
- X? eruptive center, queried where uncertain.