

SURFICIAL DEPOSITS

QUATERNARY

- Qal** Alluvium
- Qt** Terraced deposits
- Qaf** Alluvial fan deposits
- Qls** Landslide deposits
- Qla** Eolian deposits
- Qofa** Older alluvial fan deposits
- Qf** Catastrophic flood slackwater sediments

PLIOCENE - PLEISTOCENE

- Qts** Older gravel remnants

PLIOCENE

- Tfs** Thorp gravel

SEDIMENTARY AND EXTRUSIVE IGNEOUS ROCKS

PLEISTOCENE

- Qvfi** Tieton andesite

MIOCENE

Columbia River Basalt Group

Yakima Basalt Subgroup

Saddle Mountains Basalt

Pomona Member

Asotin Member

Wilbur Creek Member

Wanapum Basalt

Priest Rapids Member

Roza Member

Frenchman Springs Member

Wanapum Basalt Undivided

Grande Ronde Basalt

Upper flows of normal polarity

Flows of reversed polarity

Lower flows of normal polarity

Ellensburg Formation Undivided

Vantage Member

Fifes Peak Formation

Fifes Peak Formation Dikes

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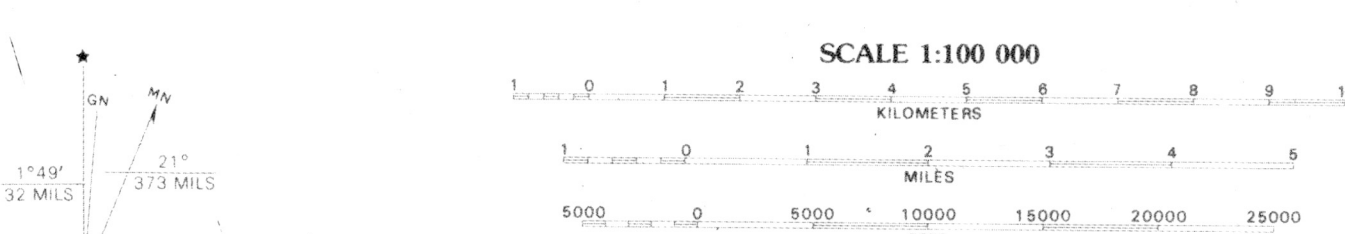
Fifes Peak Formation Dikes

Fifes Peak Formation Dikes

Fifes Peak Formation Dikes

EXPLANATION

- Horizontal beds
- Anticline (arrow showing plunge; dotted where concealed)
- Thrust fault (barbs on upper plate, dotted where concealed)
- Strike and dip of beds
- Syncline (arrow showing plunge; dotted where concealed)
- High angle fault (U/D and - showing relative motion; dotted where concealed)
- Contact (dashed where uncertain)



Geologic Map of the West Half of the Yakima Quadrangle, Washington

Compiled by
Timothy J. Walsh
1986

- ROAD CLASSIFICATION**
- Primary highway, hard surface
 - Secondary highway, hard surface
 - Light-duty road, hard or improved surface
 - Street or unimproved road
 - Trail
 - Interstate Route
 - U.S. Route
 - State Route

YAKIMA, WASH.
NE 1/4 YAKIMA PL. 1941 1:50,000 SCALE MAP
N4630-W12000/30 x 60

This report consists of 1 map sheet and
a 9-page text.