WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGY AND EARTH RESOURCES

GEOLOGIC MAP OF THE YAKIMA AREA

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MAP SYMBOLS

QUATERNARY — HOLOCENE
- Qf — Alluvial fans and related stream sediments
- Qal — Alluvium; flood-plain deposits
- Qls — Landslide debris
- Qt — Stream terrace deposits undifferentiated; mostly coarse gravel with sand.
  - Qt1 — Lower terrace
  - Qtm — Middle terrace
  - Qtu — Upper terrace

QUATERNARY — PLEISTOCENE
- Qped — Pediment gravels formed on the Ellensburg Formation
- Qta — Ticton Andesite

TERTIARY — PLIOCENE & MIOCENE — ELLENSBURG FORMATION
- Teu-g — Gravel and coarse sand consisting mostly of pumice and andesite
- Teu-s — Fine sand and silt, with some clay
- Teb — Beverly (Selah) Member of Ellensburg Formation; sand, gravel, and silt composed of andesitic and pumicitic particles

TERTIARY — PLIOCENE & MIOCENE — YAKIMA BASALT
- Tep — Pomona basalt
- Tpr — Priest Rapids Member of Yakima Basalt (two flows) Tps: Sediments below upper Priest Rapids flow
- Tyr — Rosa Basalt Member of Yakima Basalt
- Tfrb — Frenchman Springs Member of Yakima Basalt (five flows)
- Tyv — Vantage Sandstone
- Typv — Pre-Vantage flows: Museum Basalt and Rocky Coulee Basalt undifferentiated

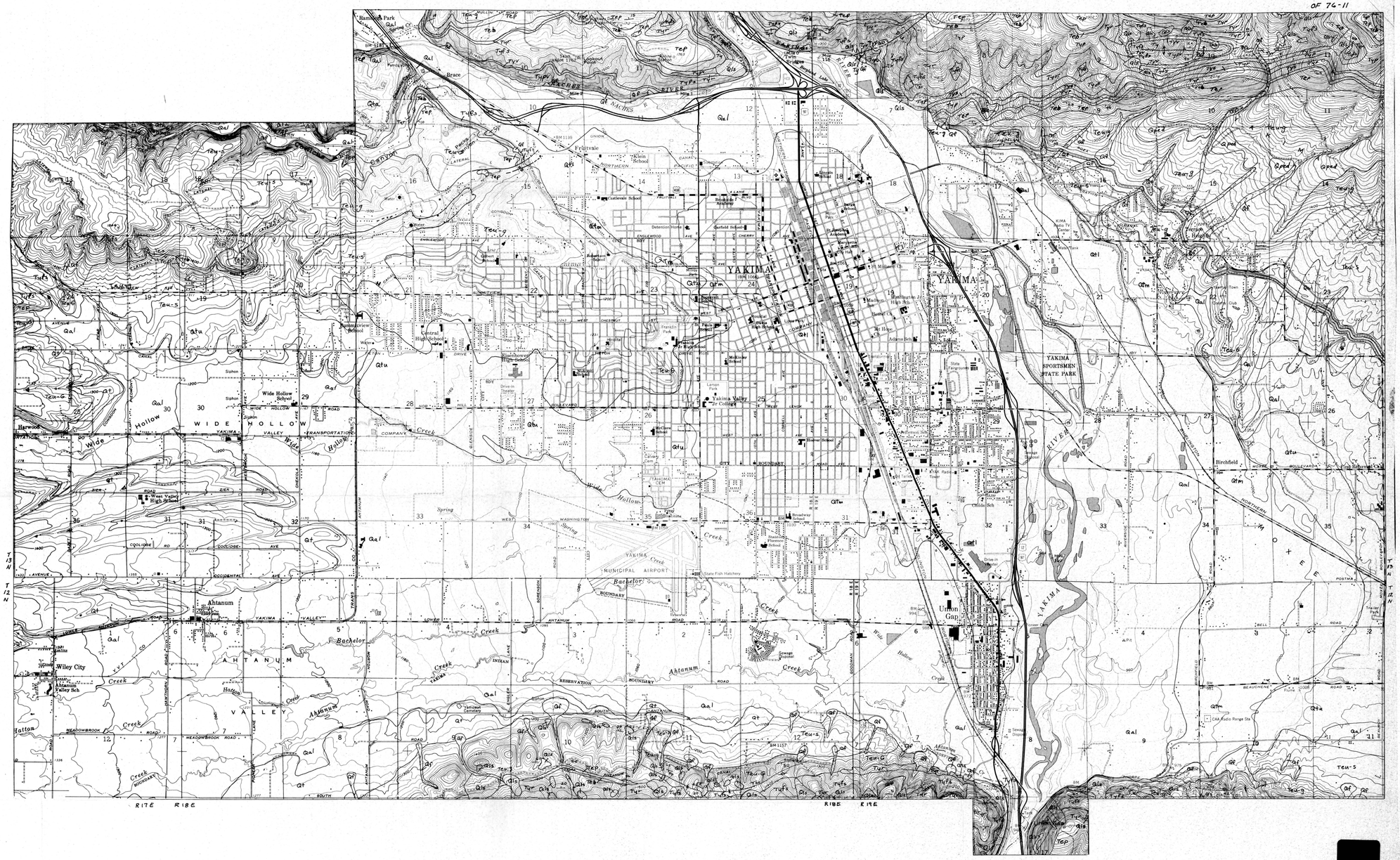
Contact, dashed where approximate

Fault, showing relative movement; dashed where approximate, dotted where concealed; queried where uncertain

10 — Strike and dip of bedding

Anticlinal axis

Synclinal axis, dashed where approximate


YAKIMA
WIDE HOLLOW
AHTANUM
VALLEY
Wide Hollow
Ahtanum
Wiley City
Harwood
Summitview
Fruitvale
Gilbert
Terrace Heights
Union Gap
Birchfield
Barge
Brace
Naches
Tieton
Cowiche
Moxee
Wide Hollow School
West Valley High School
Central High School
Eisenhower High School
Davis High School
Washington Jr High School
Franklin Jr High School
McKinley School
Lincoln School
Garfield School
Gilbert School
Northern School
Terrace Heights School
Yakima Valley Jr College
Ahtanum Valley Sch
Yakima Sportsmen State Park
Municipal Airport
State Fish Hatchery
Yakima Cemetery
Tahoma Cem
Fern Hill Cem
Calvary Cem
Yakima Creek
Wide Hollow Creek
Ahtanum Creek
Bachelor Creek
Spring Creek
Cowiche Creek
Naches River
Yakima River
Wiley City Creek
Hatton Creek
Meadowbrook Creek
Indian Creek
Sawtooth Ridge
Rattlesnake Ridge
Cowiche Mtn
Oak Flat
Yakima Indian Reservation
Ahtanum Indian Reservation
Yakima Training Center
Yakima Firing Center
Yakima Air Terminal
Yakima Valley Transportation Company
Yakima Valley Museum
Larson Park
Kiwanis Park
Lions Park
Fisher Park
Randall Park
Elks Golf Course
Yakima Town & Country Club
Yakima Sportsmen State Park
KIMA Radio TV Center
CAA Radio Range Sta
Sewage Disposal
Water
Reservoir
Tank
Church
Cemetery
Mine
Pit
Quarry
Gravel Pit
Trailer Park
Motel
Hospital
Golf Course
Boundary
Road
Trail
Railroad
Power Line
Pipe Line
Canal
Ditch
Bridge
Ford
Spring
Creek
Lake
Pond
Swamp
Levee
Dam
Fence
Building
Airport
Landing Strip
Fire Station
Post Office
Police Station
Jail
Courthouse
Library
Museum
Monument
Lookout
Campground
Picnic Ground
Rest Area
Scenic Point
Viewpoint
Waterfall
Rapids
Cliff
Escarpment
Sand Dune
Lava Flow
Glacier
Moraine
Terminal Moraine
Lateral Moraine
Kame
Esker
Kettle
Drumlin
Erratic
Striae
Roche Moutonnée
Cirque
Arête
Horn
Col
Saddle
Pass
Gap
Notch
Ridge
Peak
Mountain
Hill
Butte
Mesa
Plateau
Valley
Canyon
Gorge
Basin
Flat
Meadow
Swamp
Marsh
Bog
Island
Peninsula
Cape
Bay
Harbor
Port
Dock
Wharf
Pier
Jetty
Breakwater
Seawall
Lighthouse
Buoy
Channel
Shoal
Reef
Rock
Boulder
Sand
Gravel
Clay
Silt
Loam
Soil
Vegetation
Forest
Woodland
Shrubland
Grassland
Cropland
Orchard
Vineyard
Pasture
Range
Irrigation
Drainage
Flood Control
Levee
Dam
Reservoir
Water Supply
Power Plant
Substation
Transmission Line
Pipeline
Canal
Ditch
Bridge
Ford
Ferry
Railroad
Road
Trail
Boundary
Township
Range
Section
Quarter Section
Meridian
Baseline
Datum
Elevation
Contour
Index Contour
Intermediate Contour
Supplementary Contour
Depression Contour
Hachures
Hill Shading
Relief
Slope
Aspect
Gradient
Profile
Cross Section
Geologic Map
Topographic Map
Base Map
Overlay
Transparency
Scale
Legend
Key
Symbol
Color
Pattern
Texture
Line
Point
Area
Volume
Surface
Subsurface
Bedrock
Basement
Sedimentary
Igneous
Metamorphic
Volcanic
Intrusive
Extrusive
Plutonic
Batholith
Stock
Dike
Sill
Laccolith
Lopolith
Phacolith
Volcano
Caldera
Crater
Fumarole
Hot Spring
Geyser
Mud Pot
Solfatara
Obsidian
Pumice
Ash
Tuff
Breccia
Conglomerate
Sandstone
Shale
Limestone
Dolomite
Chert
Coal
Oil
Gas
Water
Aquifer
Confining Layer
Recharge
Discharge
Flow
Well
Spring
Seep
Stream
River
Lake
Pond