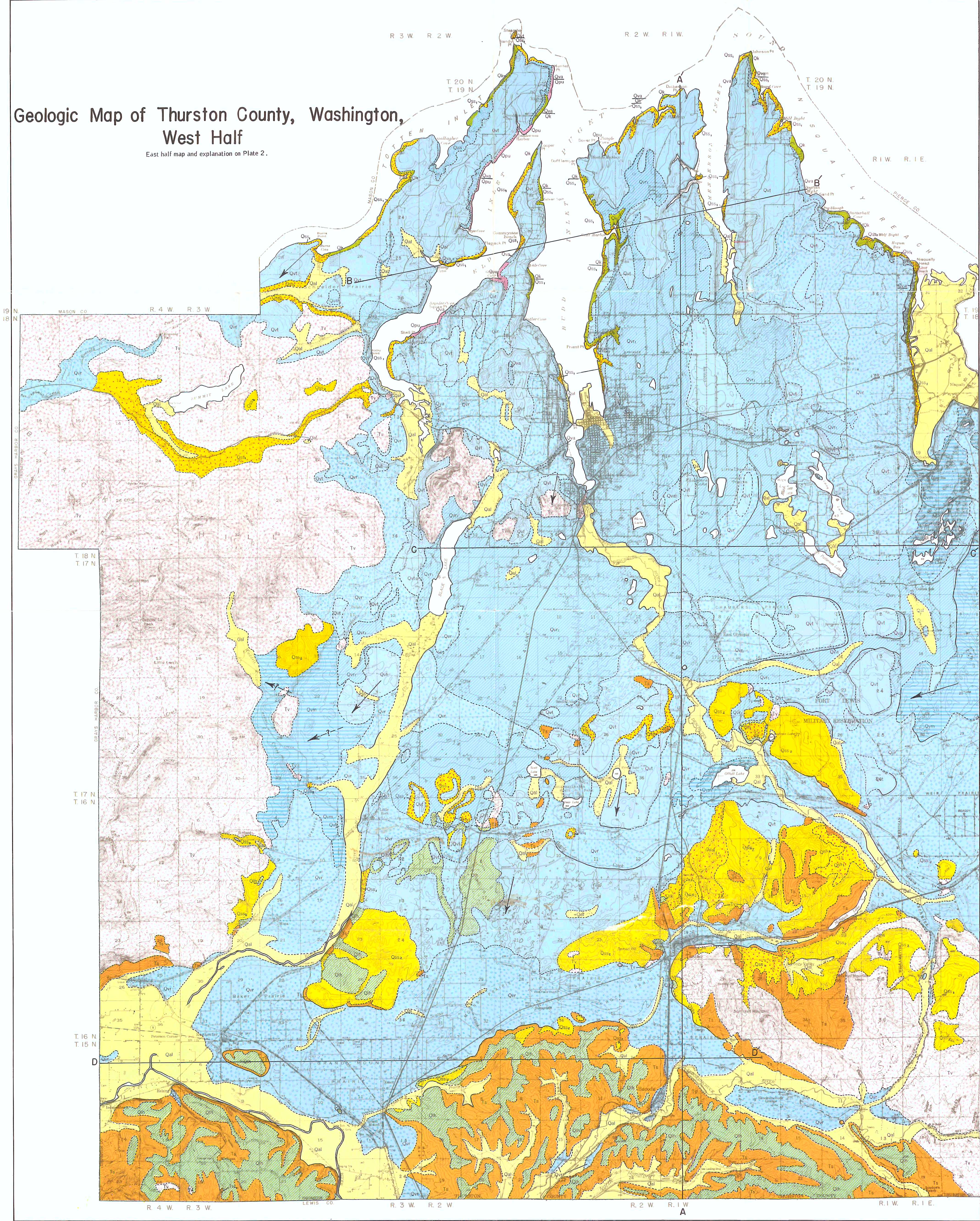


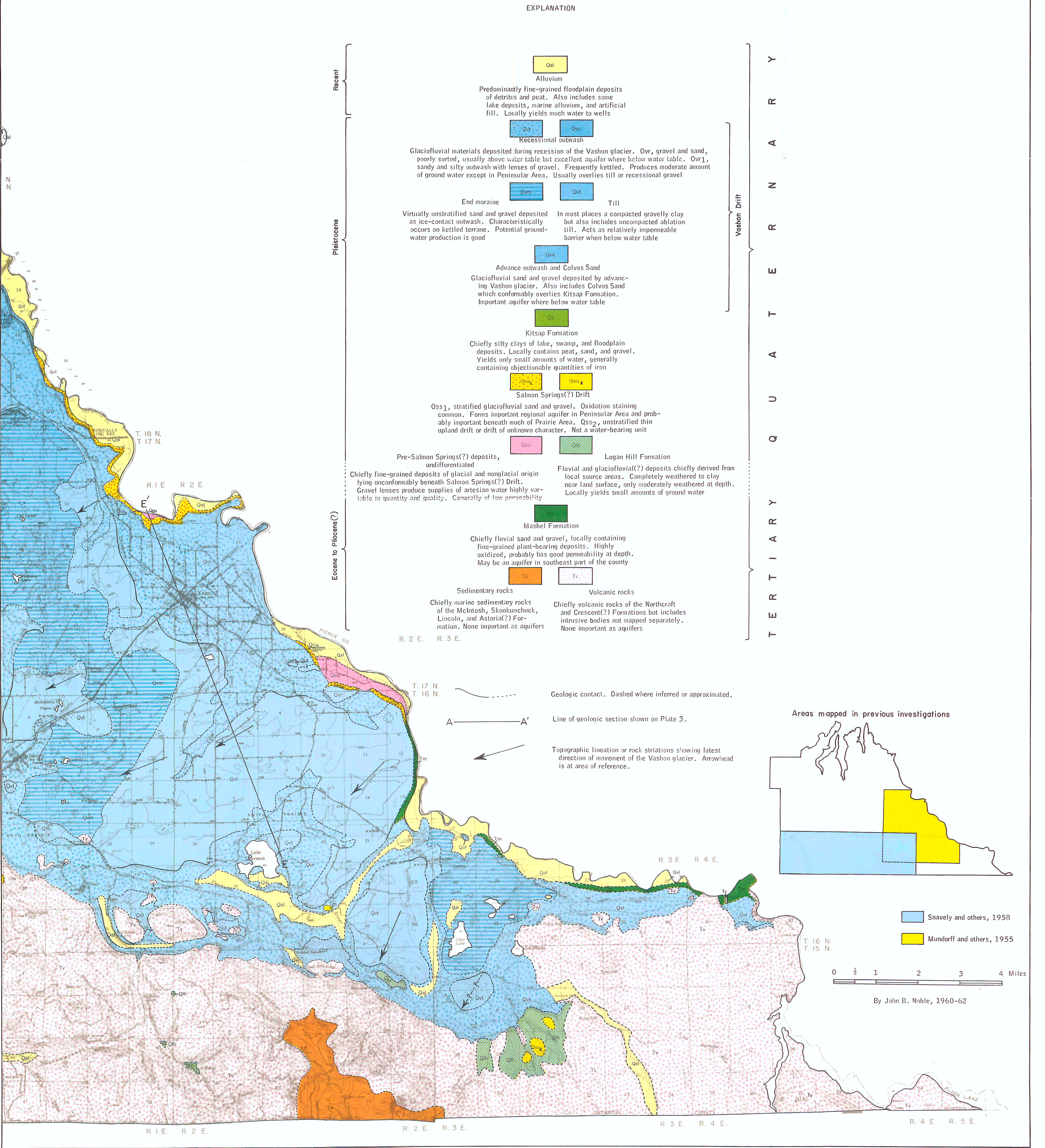
Geologic Map of Thurston County, Washington, West Half

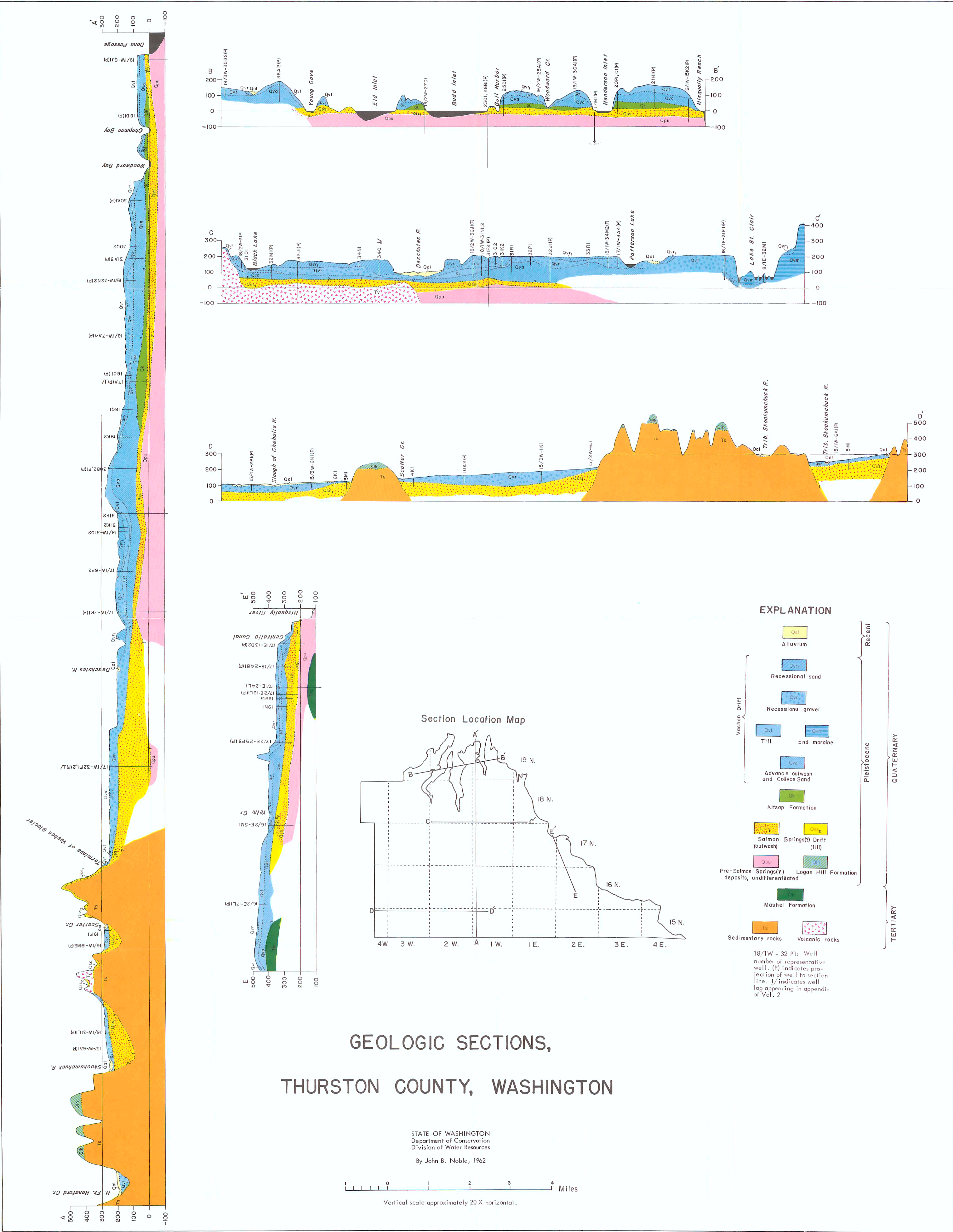
East half map and explanation on Plate 2.



Geologic Map of Thurston County, Washington, East Half

West half map on Plate 1.

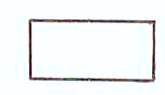




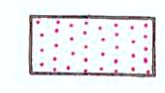
MAP OF THURSTON COUNTY
SHOWING
WATER-TABLE CONTOURS
AND
AVAILABILITY OF GROUND WATER

1962
By Eugene F. Wallace

EXPLANATION



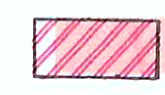
Areas of doubtful ground-water supply. Very few well records available. Yields of most wells less than 10 gpm.



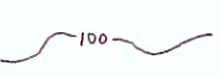
Areas where ground-water supply is generally adequate for domestic and small irrigation supplies. Yields of most wells range from 10 to 50 gpm.



Areas where yields of wells range from 50 to 250 gpm.

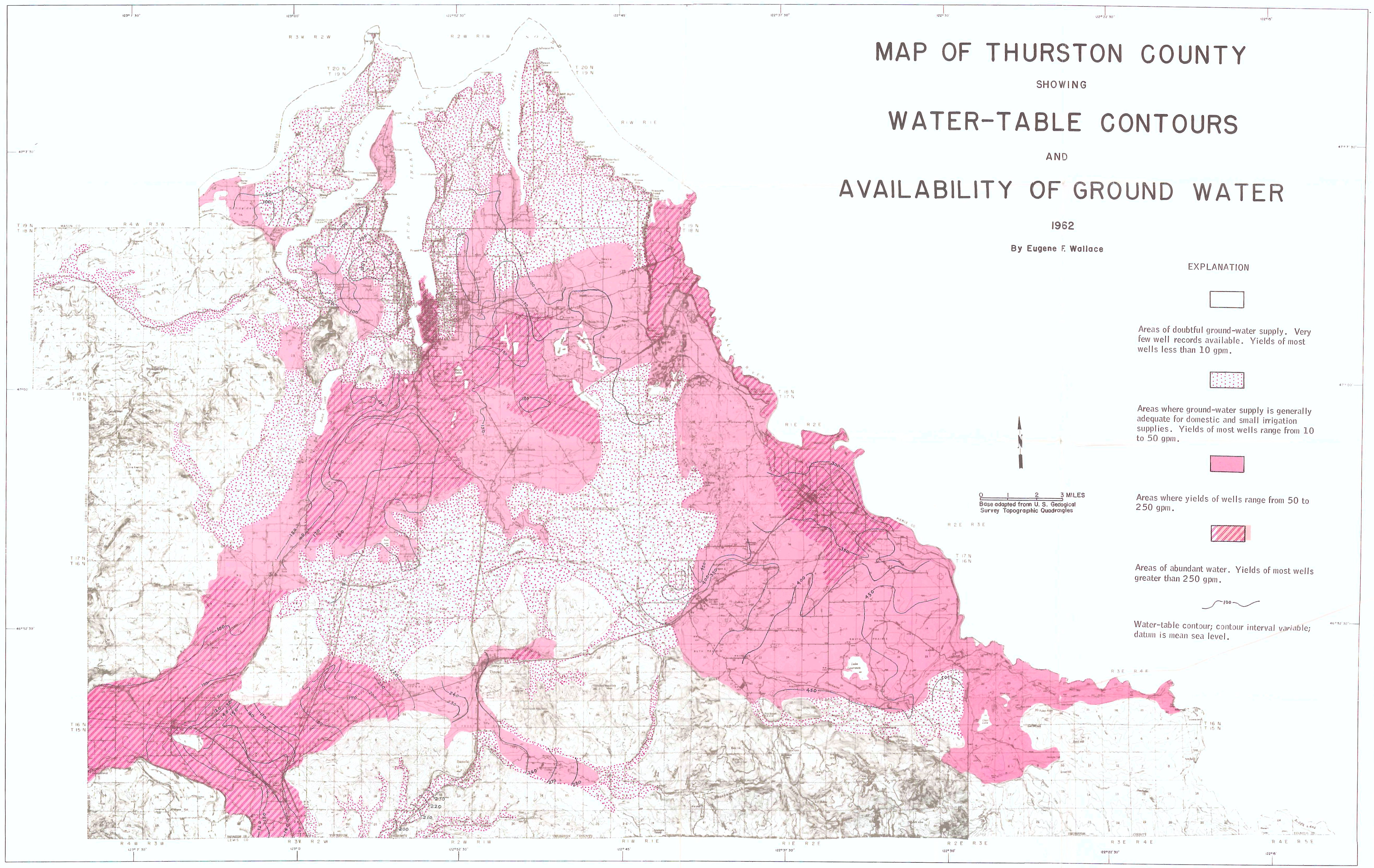


Areas of abundant water. Yields of most wells greater than 250 gpm.

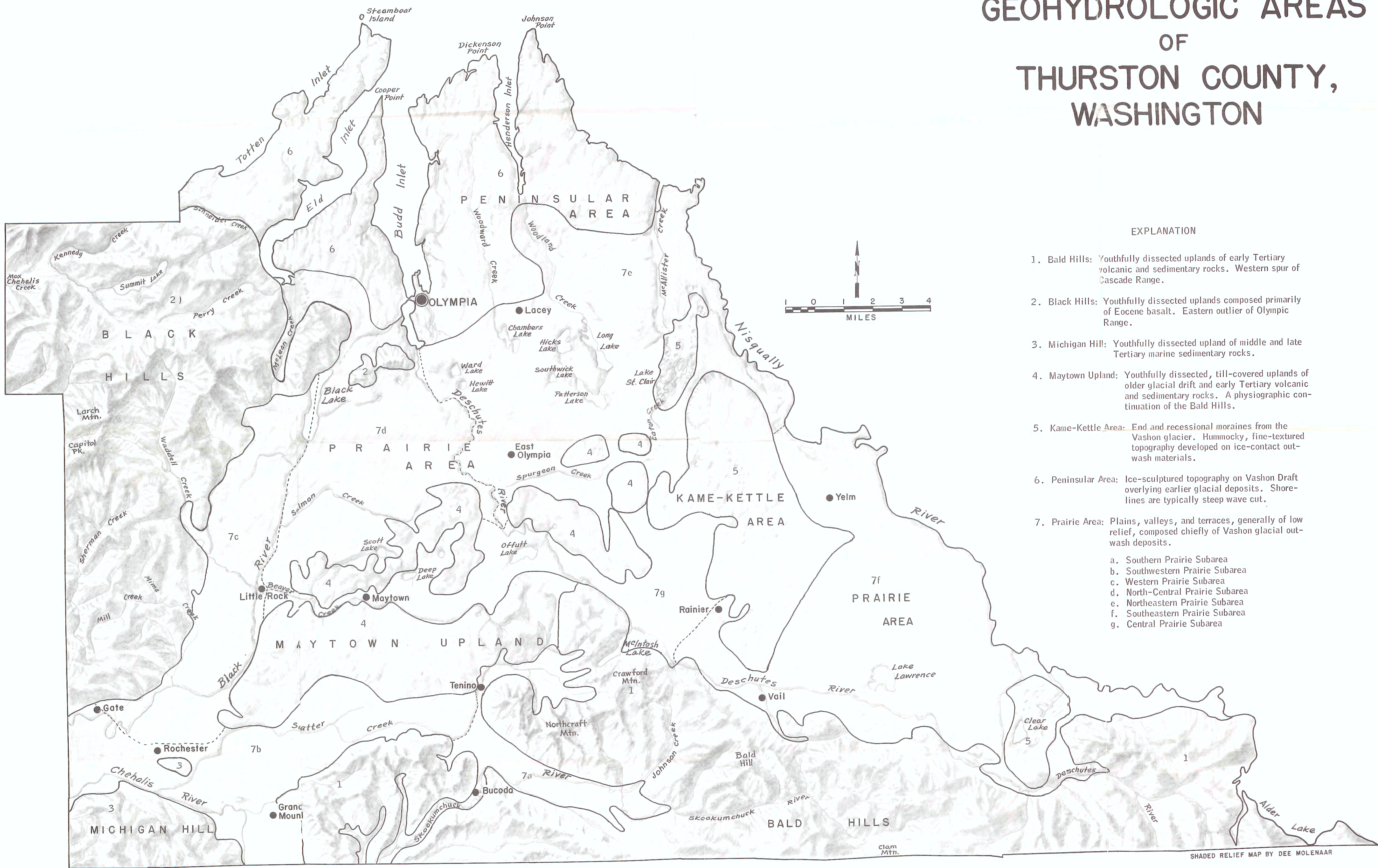


Water-table contour; contour interval variable; datum is mean sea level.

0 1 2 3 MILES
Base adapted from U. S. Geological Survey Topographic Quadrangles



GEOHYDROLOGIC AREAS OF THURSTON COUNTY, WASHINGTON



EXPLANATION

1. Bald Hills: Youthfully dissected uplands of early Tertiary volcanic and sedimentary rocks. Western spur of Cascade Range.
2. Black Hills: Youthfully dissected uplands composed primarily of Eocene basalt. Eastern outlier of Olympic Range.
3. Michigan Hill: Youthfully dissected upland of middle and late Tertiary marine sedimentary rocks.
4. Maytown Upland: Youthfully dissected, till-covered uplands of older glacial drift and early Tertiary volcanic and sedimentary rocks. A physiographic continuation of the Bald Hills.
5. Kame-Kettle Area: End and recessional moraines from the Vashon glacier. Hummocky, fine-textured topography developed on ice-contact outwash materials.
6. Peninsular Area: Ice-sculptured topography on Vashon Drift overlying earlier glacial deposits. Shorelines are typically steep wave cut.
7. Prairie Area: Plains, valleys, and terraces, generally of low relief, composed chiefly of Vashon glacial outwash deposits.
 - a. Southern Prairie Subarea
 - b. Southwestern Prairie Subarea
 - c. Western Prairie Subarea
 - d. North-Central Prairie Subarea
 - e. Northeastern Prairie Subarea
 - f. Southeastern Prairie Subarea
 - g. Central Prairie Subarea