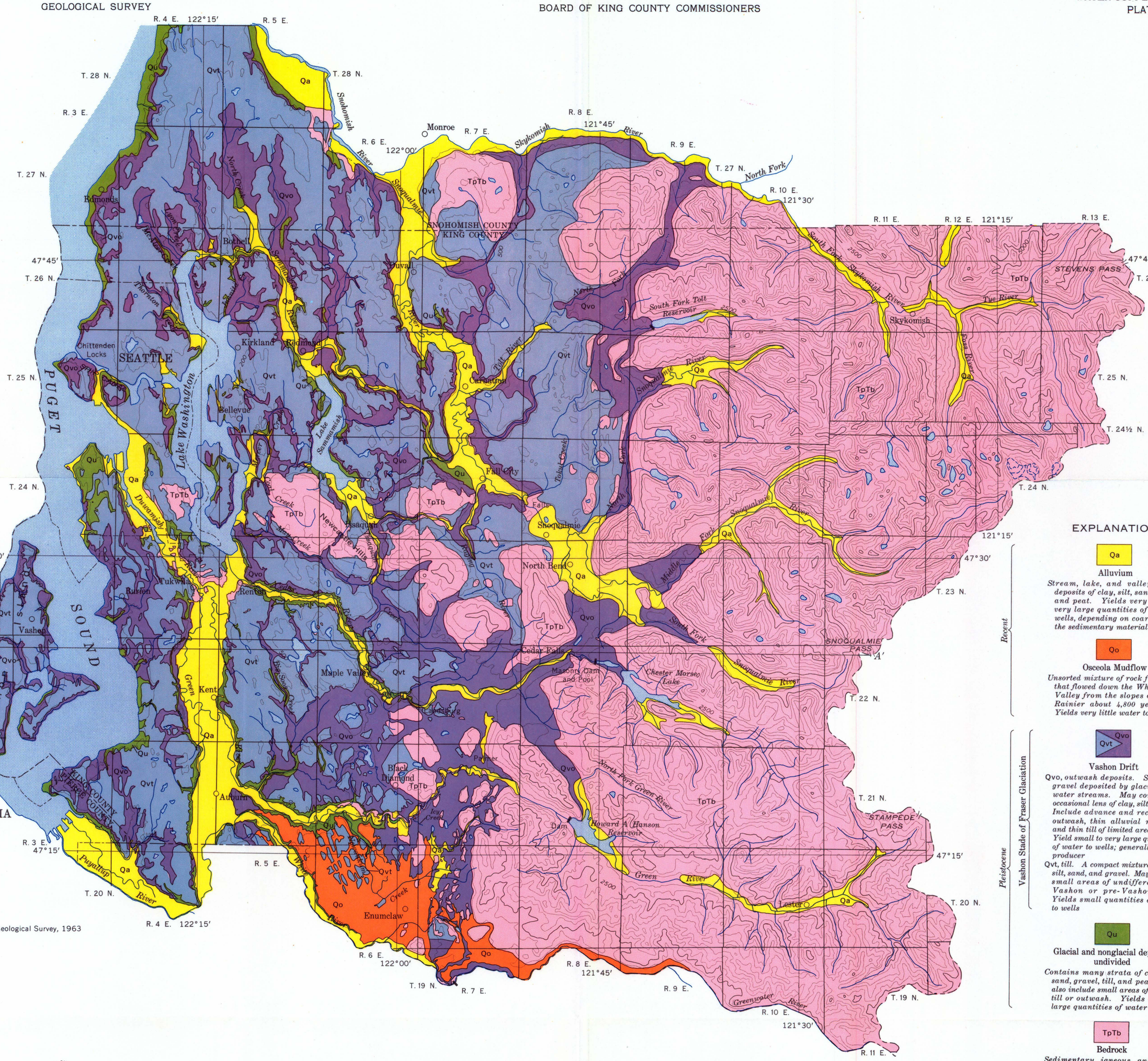
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
BOARD OF KING COUNTY COMMISSIONERS

WATER-SUPPLY PAPER 1852
PLATE 1



EXPLANATION

Qa — Alluvium
Stream, lake, and valley-glacier deposits of clay, silt, sand, gravel, and peat. Yields very small to very large quantities of water to wells, depending on coarseness of the sedimentary material

Qo — Osceola Mudflow
Unsorted mixture of rock fragments that flowed down the White River Valley from the slopes of Mount Rainier about 4,800 years ago. Yields very little water to wells

Recent

Qvo, Qvt — Vashon Drift
Qvo, *outwash deposits. Sand and gravel deposited by glacial meltwater streams. May contain an occasional lens of clay, silt, or peat. Include advance and recessional outwash, thin alluvial material, and thin till of limited areal extent. Yield small to very large quantities of water to wells; generally a good producer*
Qvt, *till. A compact mixture of clay, silt, sand, and gravel. May include small areas of undifferentiated Vashon or pre-Vashon drift. Yields small quantities of water to wells*

Pleistocene — Vashon Stade of Fraser Glaciation

Qu — Glacial and nonglacial deposits, undivided
Contains many strata of clay, silt, sand, gravel, till, and peat. May also include small areas of Vashon till or outwash. Yields small to large quantities of water to wells

QUATERNARY

TpTb — Bedrock
Sedimentary, igneous, and metamorphic rocks such as sandstone, shale, coal, granitic and gneissic rocks, and volcanic ash and lava flows. Generally yields very little water to wells

PRE-TERTIARY AND TERTIARY

Contact

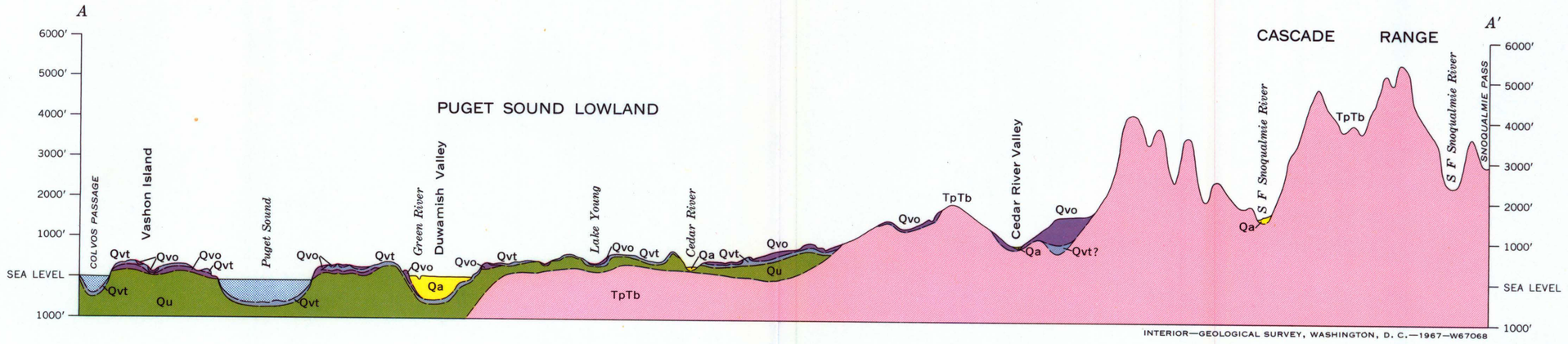
Base by U.S. Geological Survey, 1963

Northwestern King County: Liesch, Price, and Walters (1963)
Southwestern King County: Crandell (1963), Luzier (1967), Mullineaux (1961, 1965a, b, c), and Waldron (1961, 1962)
Eastern King County: Huntting and others (1961)
Vashon Island: Garling and others (1965)
Pierce County: Walters and Kimmel (1967)
Snohomish County: Newcomb (1952)

APPROXIMATE MEAN DECLINATION, 1967
TRUE NORTH
MAGNETIC NORTH
22°

SCALE 1:250 000
5 0 5 10 15 MILES
5 0 5 10 15 KILOMETERS

CONTOUR INTERVAL 500 FEET
SUPPLEMENTAL CONTOUR AT 200 FEET
DATUM IS MEAN SEA LEVEL



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1967—W67068

GENERALIZED GEOLOGIC MAP AND SECTION OF KING COUNTY AND CERTAIN ADJACENT AREAS, WASHINGTON