DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

TOPOGRAPHY

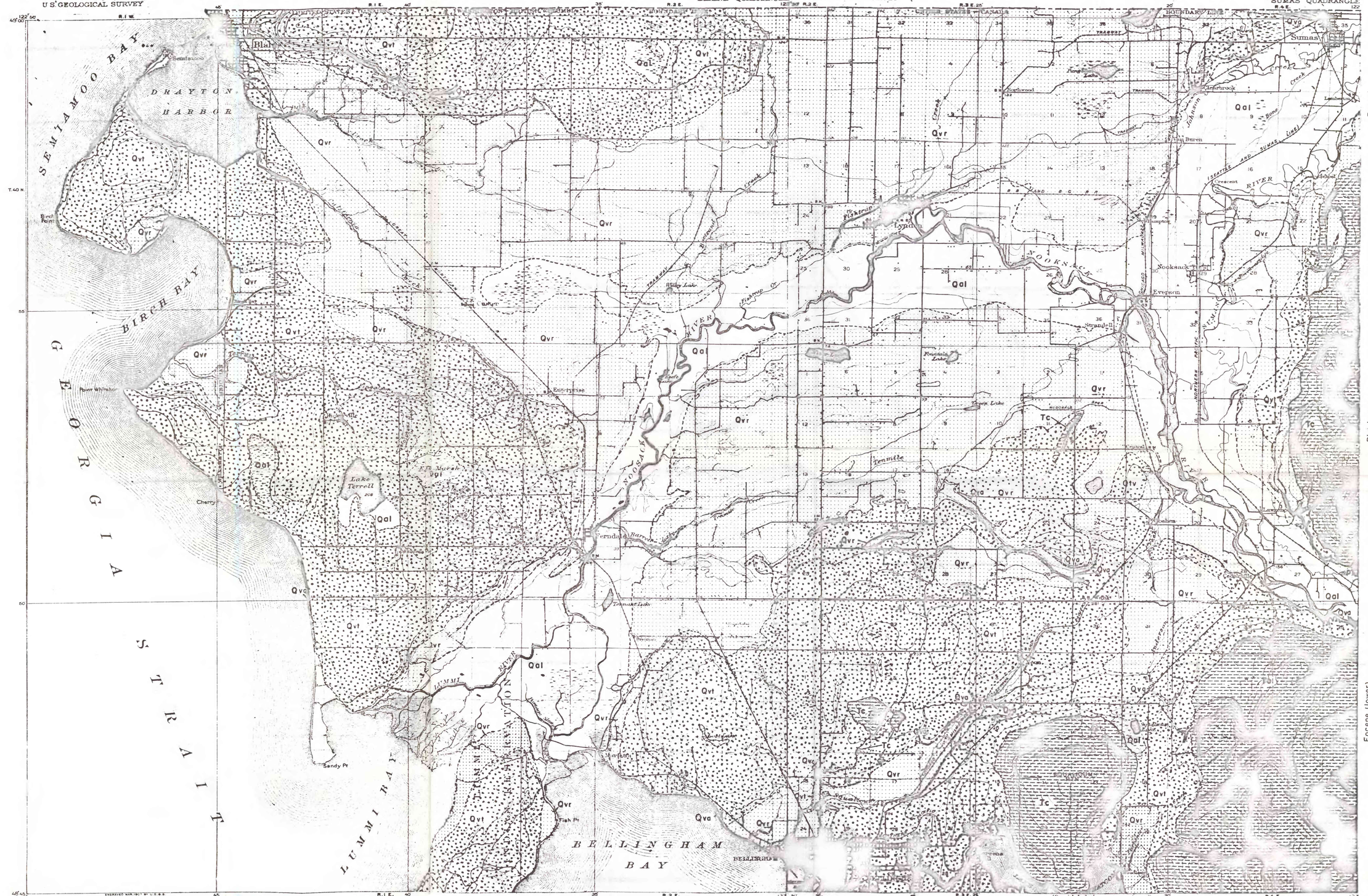
WASHINGTON
(WHATCOM COUNTY)
BLAINE QUADRANGLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WASHINGTON
(WHATCOM COUNTY)
SUMAS QUADRANGLE

PLATE 2

50-7



EXPLANATION

Qal — Alluvium
(Clay, silt, peat, sand and gravel; coarse-grained members yield moderately large quantities of ground water. Water generally contains iron.)

Qvr — Recessional outwash of the Vashon glaciation
(Sand, clay, silt, and gravel; deposited by outwash streams from the retreating ice of the latest glaciation. In places mantled by Recent alluvium. Coarse-grained members yield moderately large quantities of ground water. Water in many places contains iron.

Qvt — Till of the Vashon glaciation
(Gray, blue, hard, intimate mixture of clay, silt, sand, and gravel that is principally a ground-moraine deposit from 1 to 50 feet in thickness. Essentially impervious, but in most places the soil zone at surface yields small quantities of perched ground water.)

Qva — Advance outwash of the Vashon glaciation and pre-Vashon (?) Pleistocene deposits, undifferentiated
(Silt, sand, and gravel deposits laid down in front of the advancing Vashon ice. Includes older (?) fossil-bearing clay. Coarse-grained members yield moderately large quantities of ground water where below level of the regional water table.)

Recent — Pleistocene — QUATERNARY

Tc — Tertiary sedimentary rocks
(Series of sandstones, shales, conglomerates, and coal, up to 10,000+ feet in thickness. Deposited as continental sediments. In most places is mantled with a cover of glacial material. Yields saline or mineralized ground water, small yields of potable water are obtained where salinity has been flushed out by ground water circulation.)

Eocene (lower) — TERTIARY

pTu — Pre-Tertiary rocks, undifferentiated
(Metamorphosed sedimentary and igneous rocks. Yield little or no ground water.)

PRE-TERTIARY

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