

Water-Level Contours in the Uppermost Aquifer of the Lynden-Everson-Nooksack-Sumas (LENS) Study Area



EXPLANATION
 Surficial hydrogeologic units in the Lynden-Everson-Nooksack-Sumas (LENS) study area

- Sumas aquifer unconfined
- Sumas aquifer confined
- Everson-Vashon and Vashon semiconfining units
- Bedrock unit

Preliminary study area
 Water
 Glacier
 LENS Study area boundary
 Ground-water level contour; shows altitude of the ground-water level in 1990. In unconfined areas of the Sumas aquifer, the contours represent the altitude of the water table. In confined areas of the Sumas aquifer and the Everson-Vashon and Vashon semiconfining units, the contours represent the potentiometric surface. Contour interval is 10 feet from 30 to 150 feet, and 50 feet from 150 to 300 feet. Datum is sea level.
 National boundary
 County boundary
 Reservation boundary
 Approximate location of tribal lands
 River
 Highway
 City

From: Cox, S.E., and Kahle, S.C., 1999, Hydrogeology, Ground-Water Quality, and Sources of Nitrate in Lowland Glacial Aquifers of Whatcom County, Washington, and British Columbia, Canada: U.S. Geological Survey Water-Resources Investigations Report 98-4195, 5 plates, 251 p.

Provisional and subject to revision
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