U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
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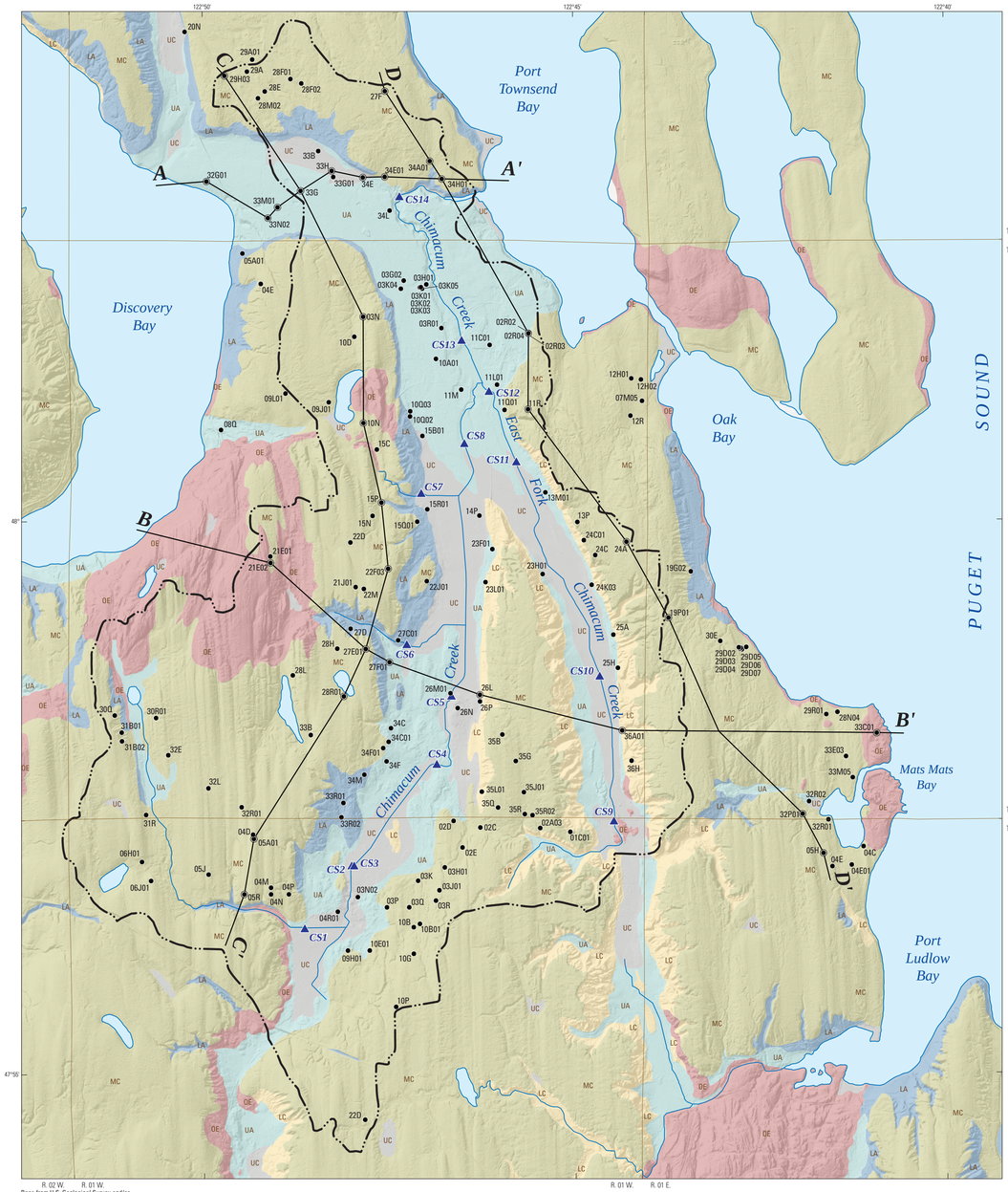
JEFFERSON COUNTY and the
WASHINGTON STATE DEPARTMENT OF ECOLOGY

SCIENTIFIC INVESTIGATIONS REPORT 2011–5129
Geologic map and cross sections showing hydrogeologic units—PLATE 1
Jones, J.L., Welch, W.B., Frans, L.M. and Olsen, T.D., 2011, Hydrogeologic framework, groundwater movement, and water budget in the Chimacum Creek basin and vicinity, Jefferson County, Washington



EXPLANATION

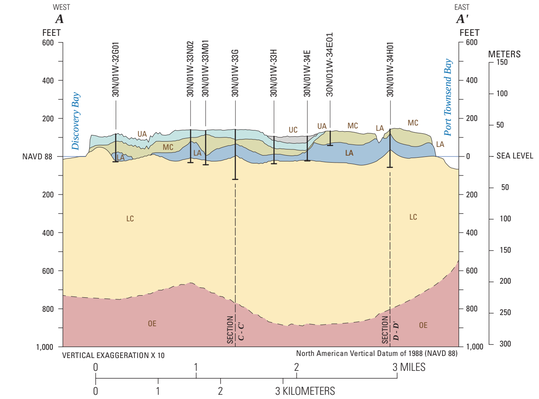
Hydrogeologic Unit

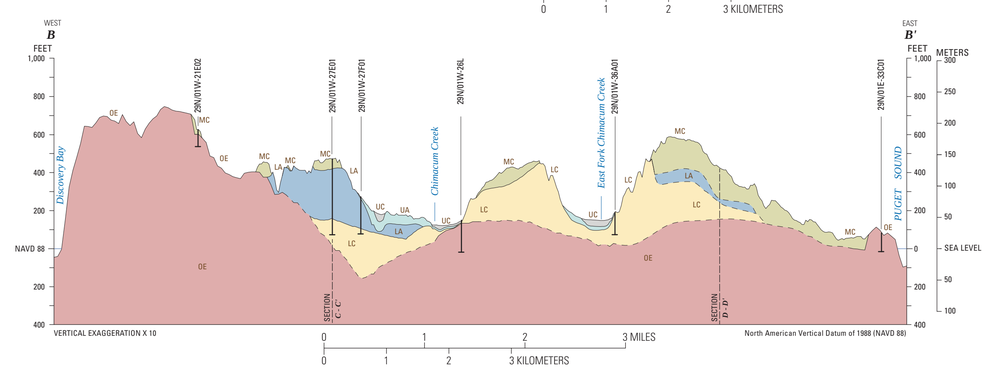
- UC — Upper confining unit, Alluvial and recessional outwash deposits
- UA — Upper aquifer, Recessional outwash and till
- MC — Middle confining unit, Recessional outwash, till, and advance outwash deposits
- LA — Lower aquifer, Till, and advance outwash deposits
- LC — Lower confining unit, Undifferentiated glacial and inter-glacial deposits
- OE — Bedrock, Sedimentary and Igneous Rocks

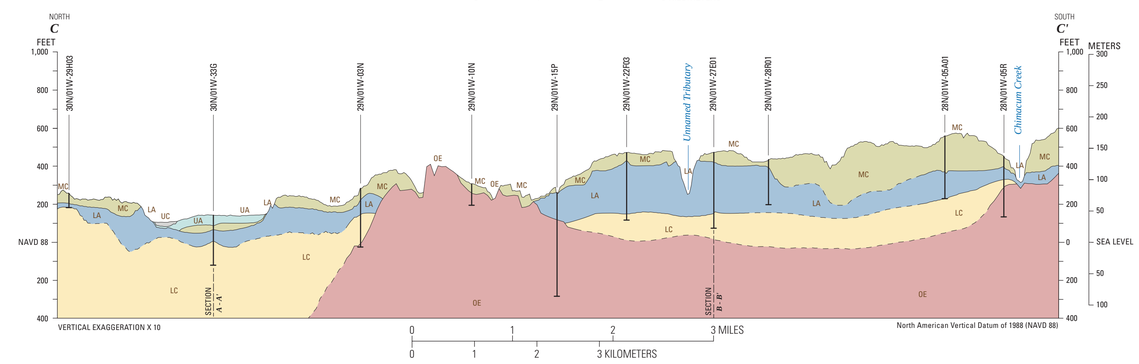
Well No. 30N/01W-34H01
Land surface
Well
Hydrogeologic contact
Well bottom
Contact dashed where uncertain
SECTION D - D'
Common well for two sections

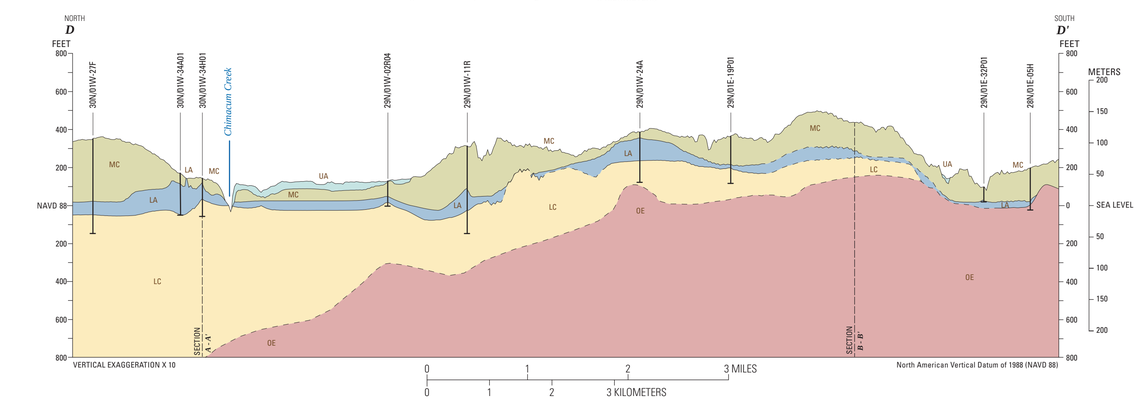
EXPLANATION

- Surface water
- Chimacum Creek basin boundary
- B — B' Line of hydrogeologic sections
- 35L01 Well location with local no.
- CS5 Streamflow measurement site









Geologic Map and Cross Sections Showing Hydrogeologic Units in Chimacum Creek Basin, Jefferson County, Washington

By
Joseph L. Jones, Wendy B. Welch, Lonna M. Frans, and Theresa D. Olsen
2011