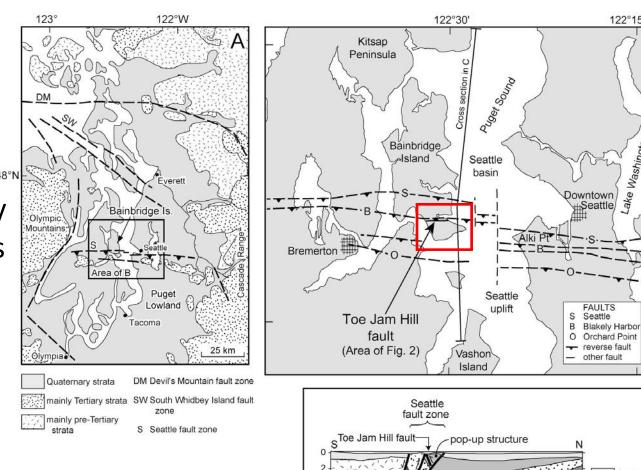
Seattle fault, Bainbridge Island, WA

LATE HOLOCENE EARTHQUAKES, SEATTLE FAULT ZONE, BAINBRIDGE ISLAND, WASHINGTON

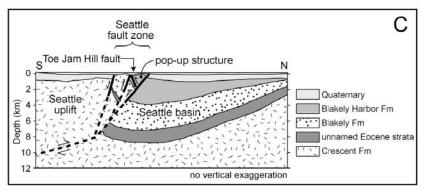
Toe Jam Hill fault is a northdipping backthrust to the Seattle fault zone.

The earthquake history of the Toe Jam Hill fault provides a proxy for the recurrence of earthquakes along the Seattle fault zone.

These data inform seismic hazard assessments.



Nelson et al., 2003, GSA Bulletin



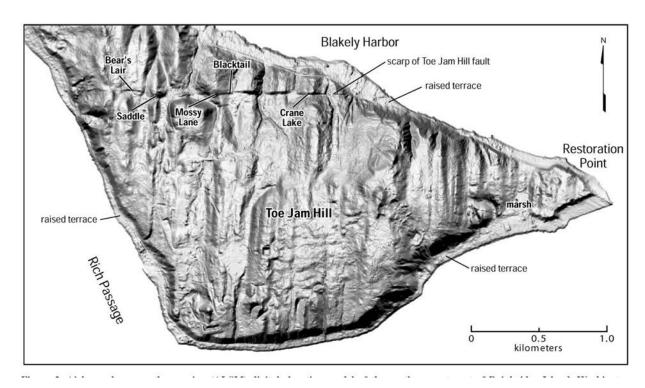
122°15'W

FAULTS

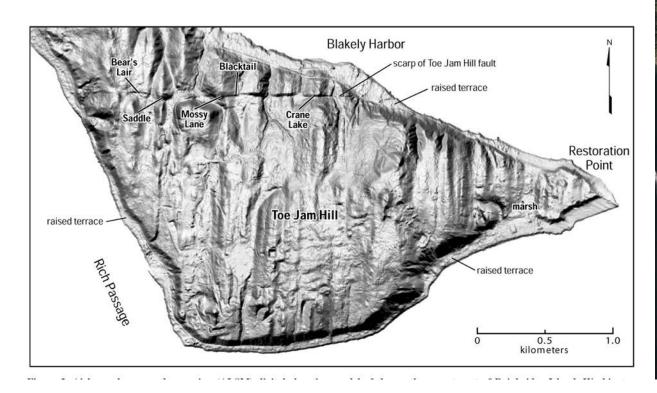
B-47°45'

47°30'N

5 km

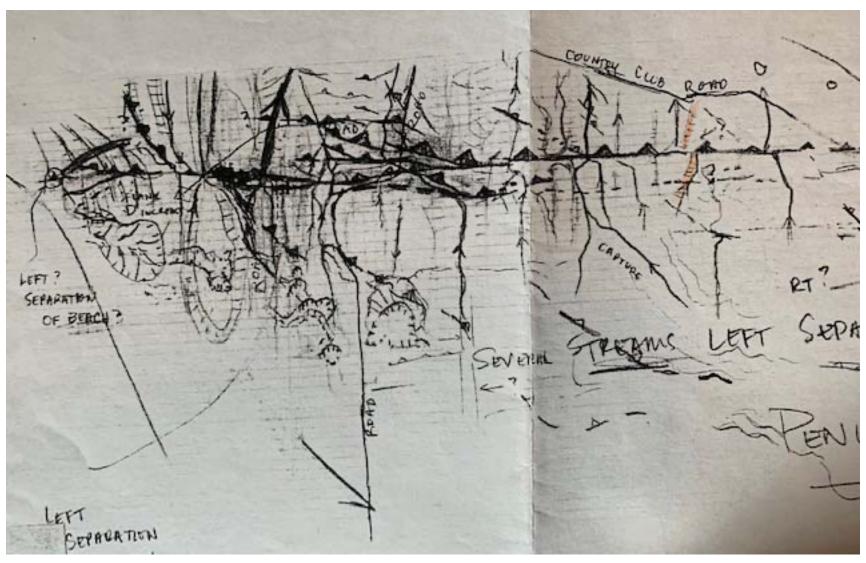




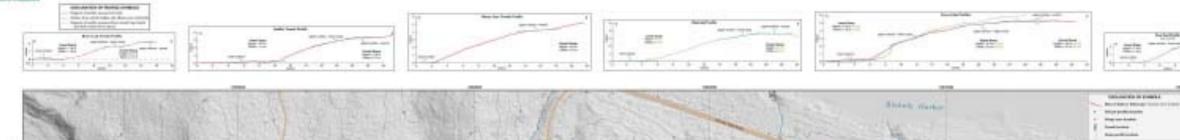




Interpretation of lidar and morphology mapping

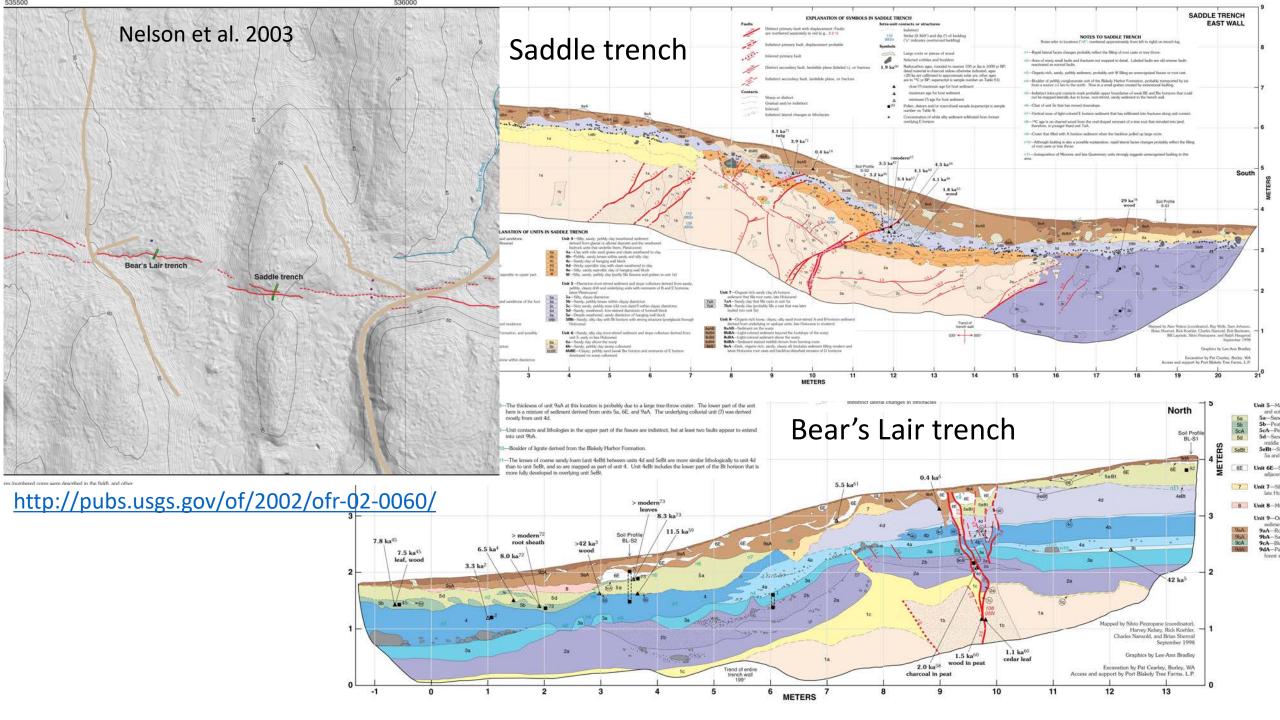


100



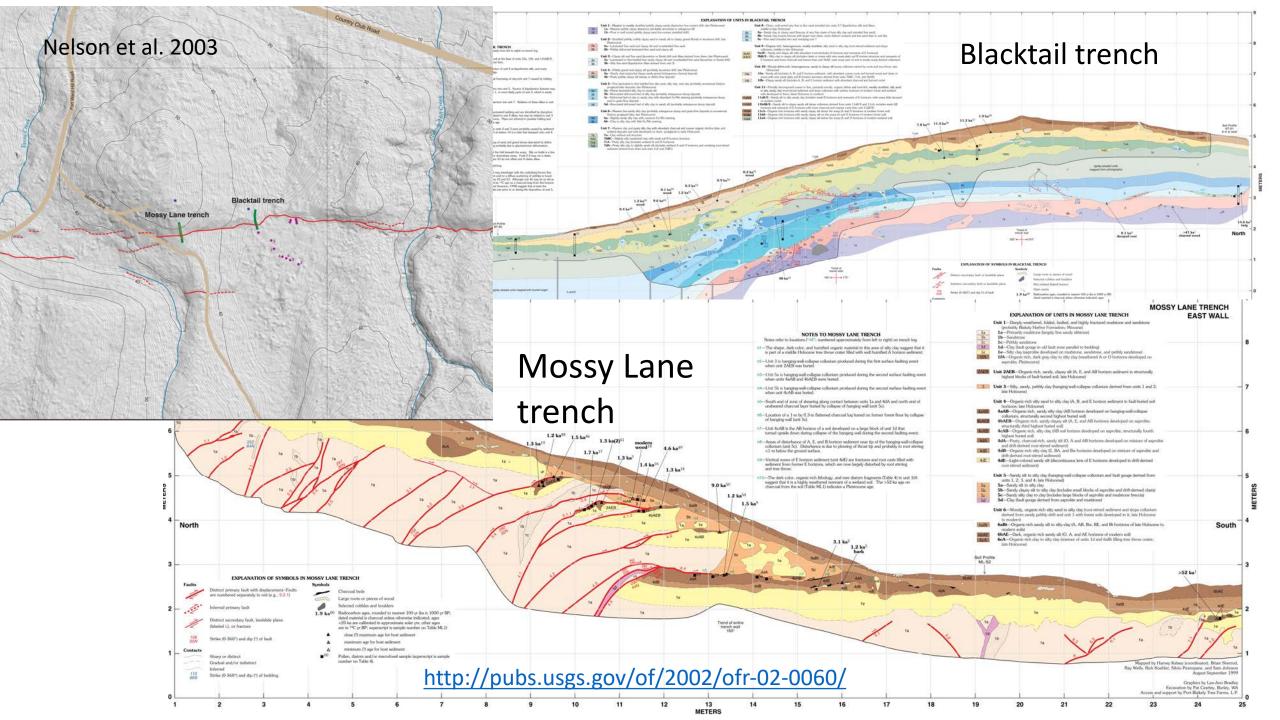


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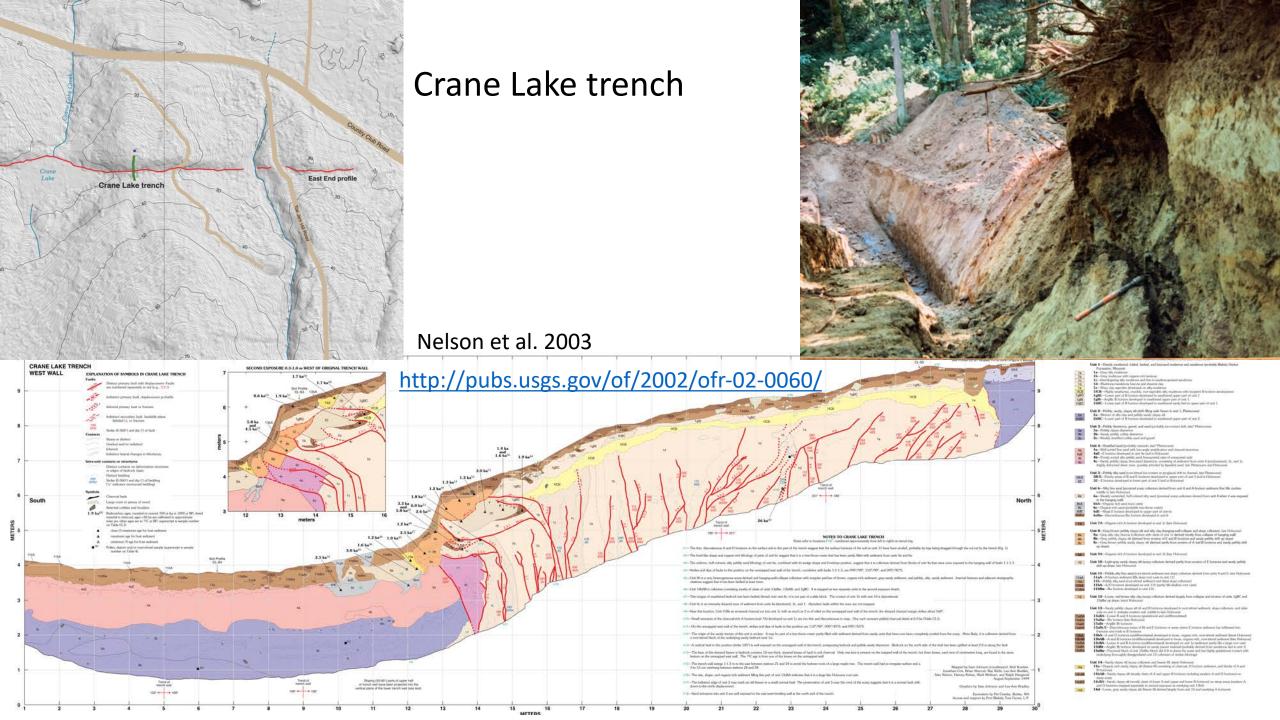


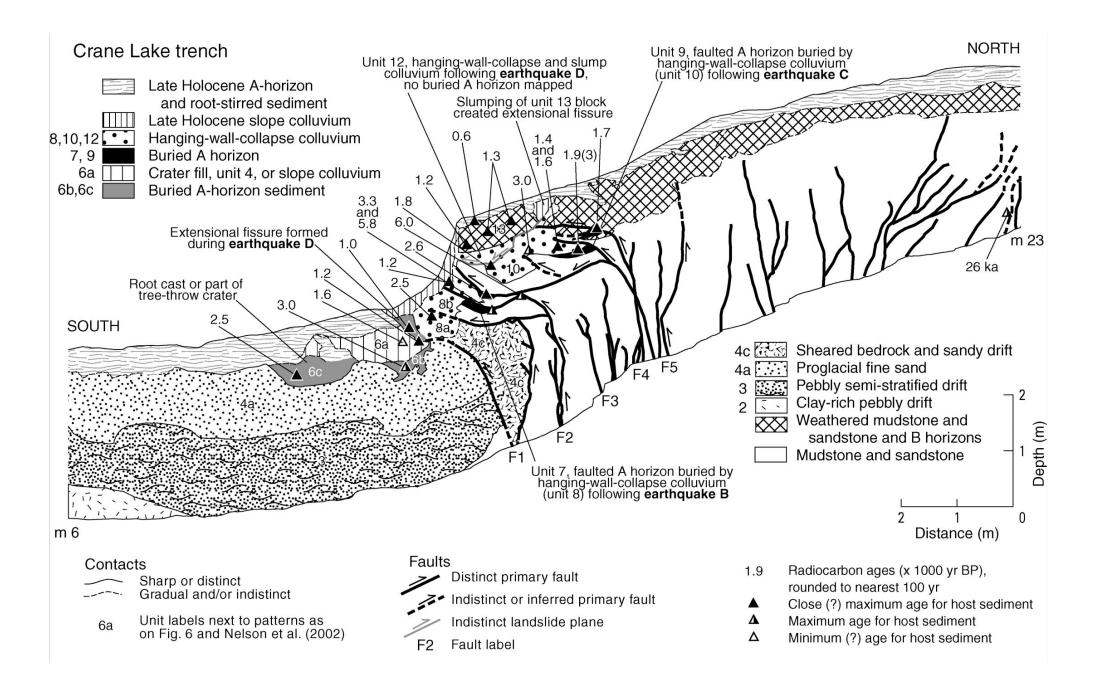






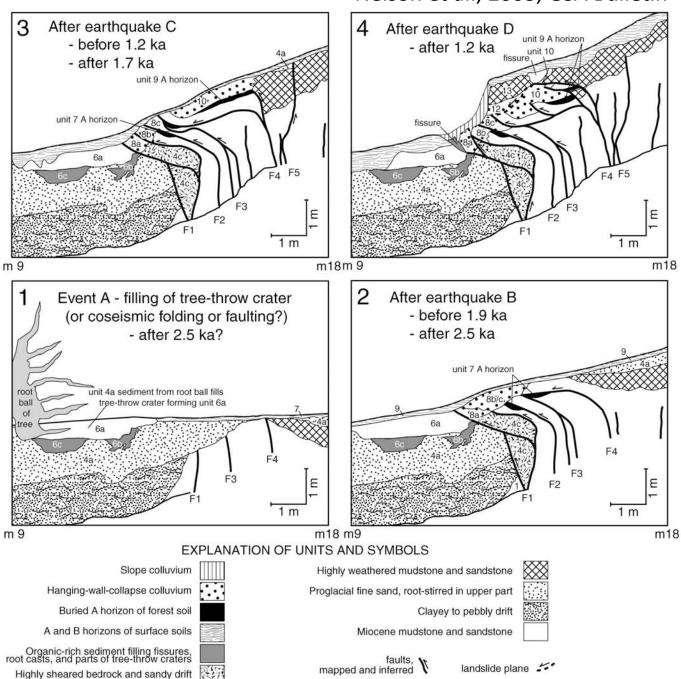


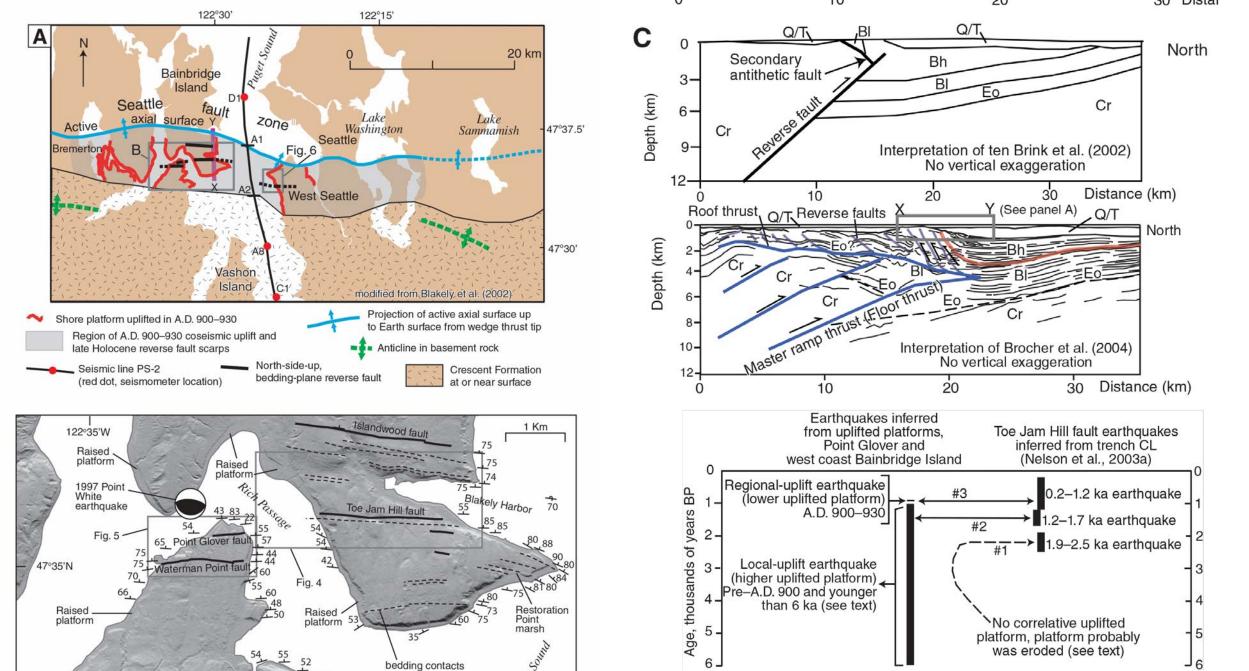




Nelson et al., 2003, GSA Bulletin

Three, or possibly four, earthquakes between 2500 and 1000 yr ago. The most recent earthquake occurred Between 1050–1020 cal. (calibrated) yr B.P. (A.D. 900–930).



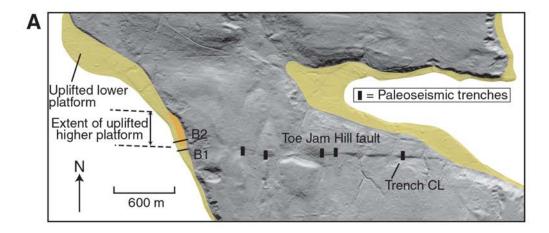


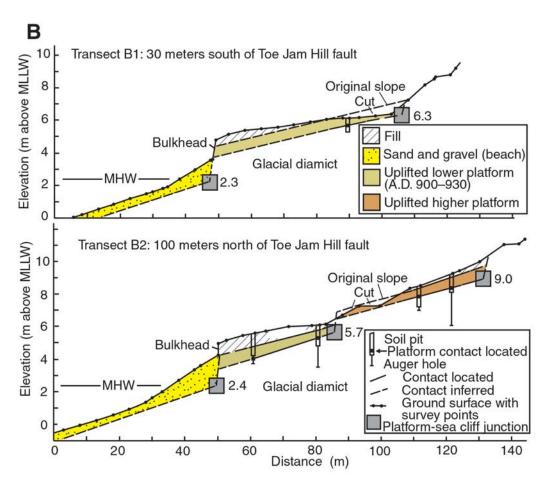
West

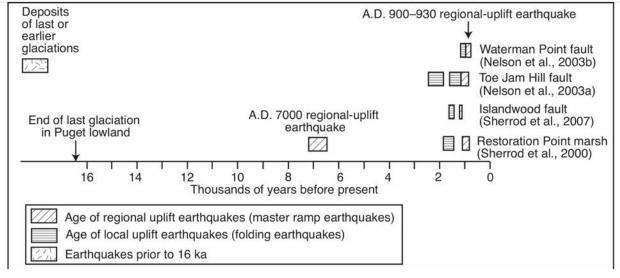
East

← 1.75 km →

环 Kelsey et al., 2008 🦠







Kelsey et al., 2008



