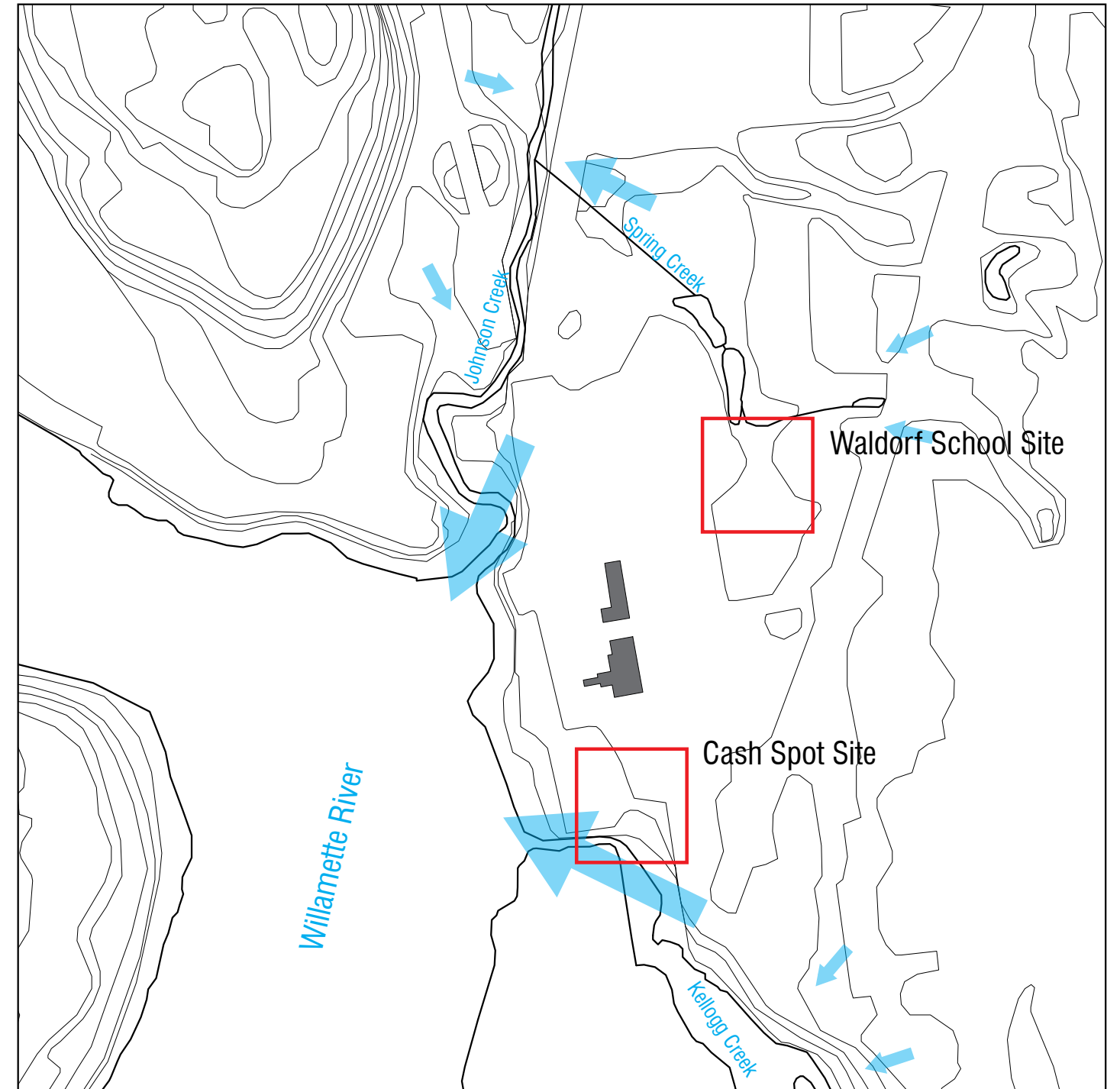
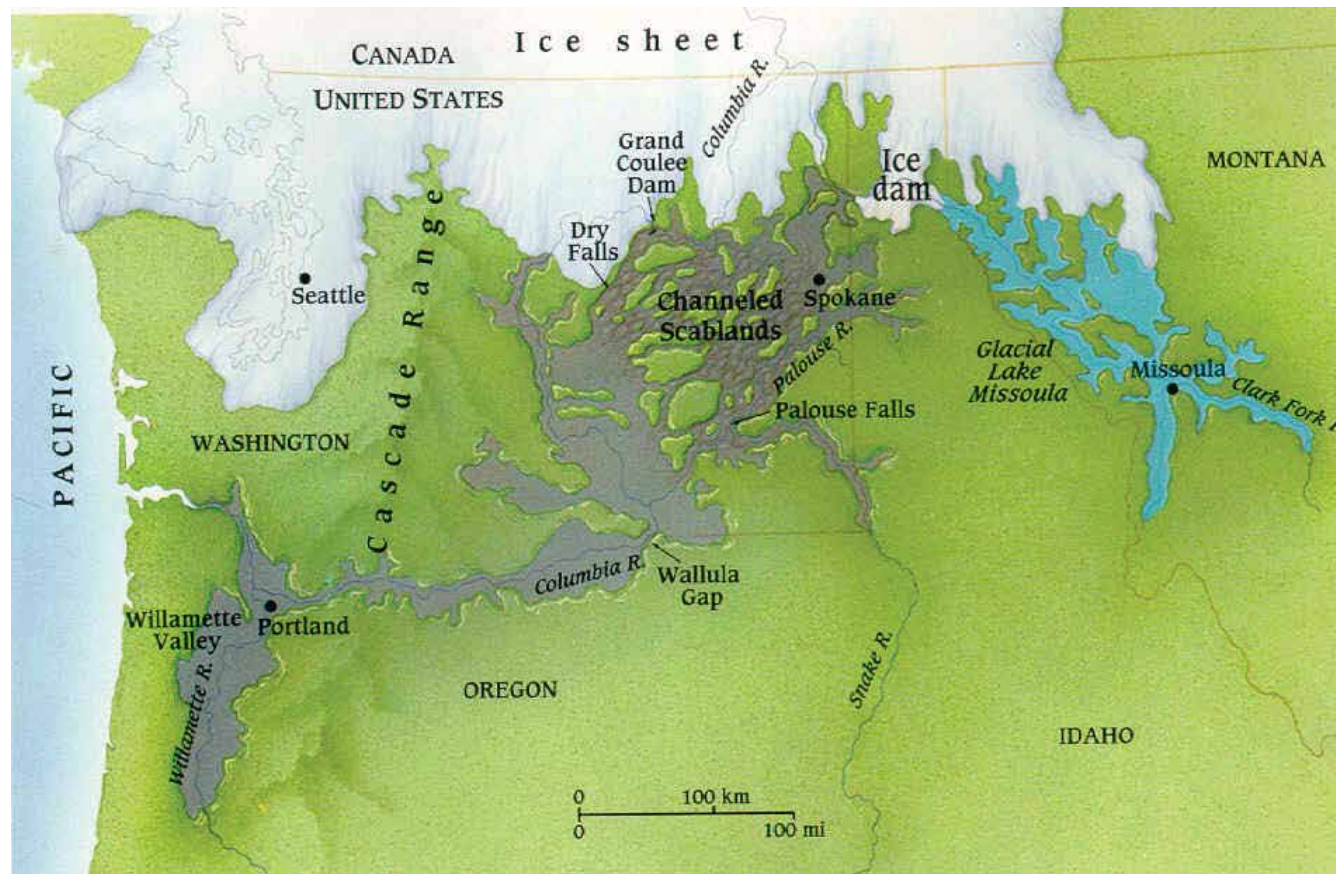


NATURAL ENVIRONMENT: Geology

Lake Missoula Floods

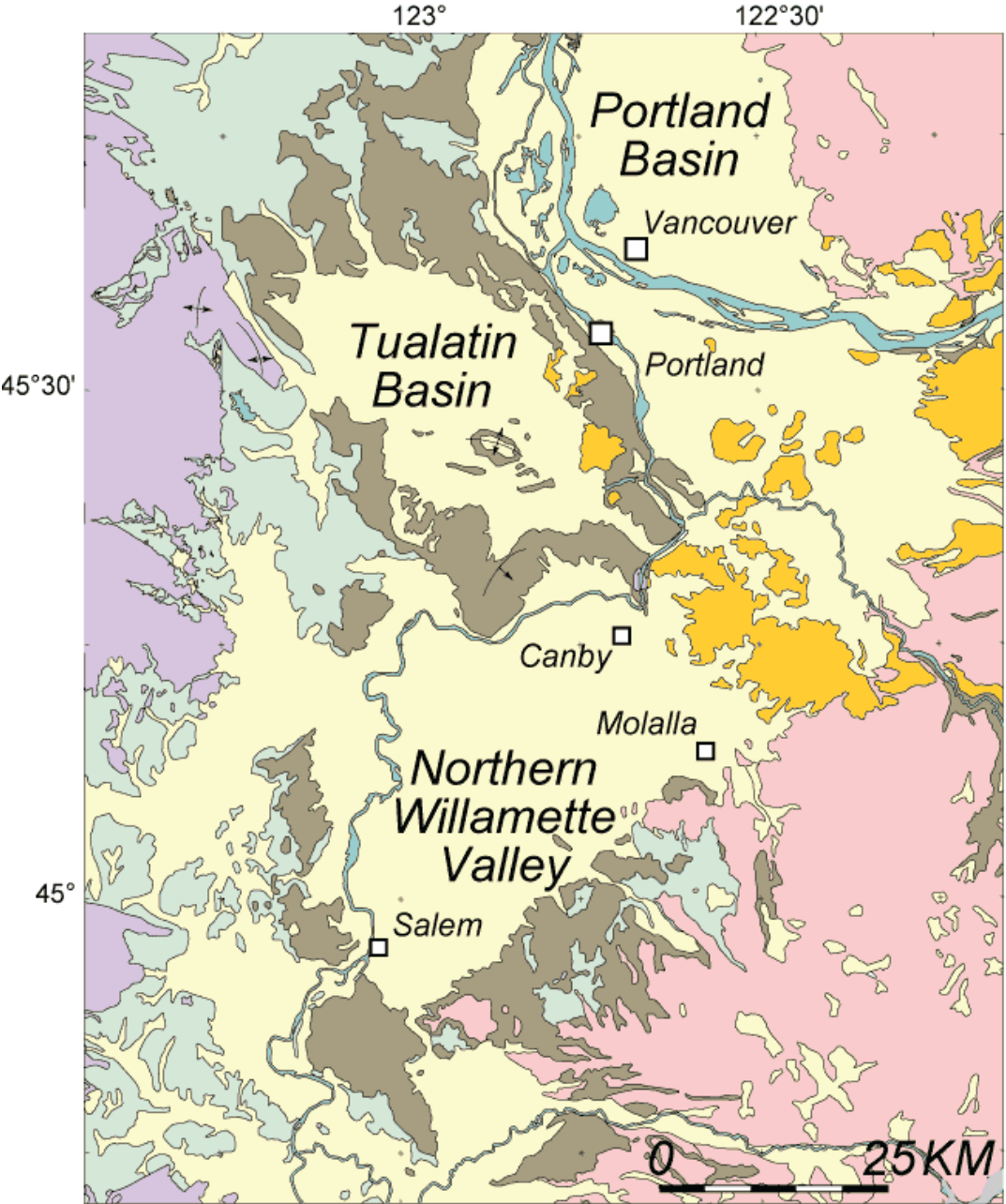
15,000 - 13,000 B.C

- Occured Periodically during the last Ice Age
- Largest freshwater flood documented
- Entire Willamette Valley under 300-400 feet of water known as Lake Allison
- As the lake drained, rich deposits of silt were layered to create the rich fertile soil the valley is known for. The willamette Valley watershed was also created.



NATURAL ENVIRONMENT: Geology

Generalized Geology



- Quat. and younger deposits
- Boring Lava (Pleistocene)
- Columbia R. basalt (Miocene)
- Eocene-Paleocene sediments
- Western Cascades volc. rocks
- Eocene oceanic basement



Artist depiction on Missoula floods carving out Columbia Gorge

