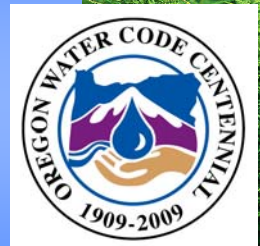


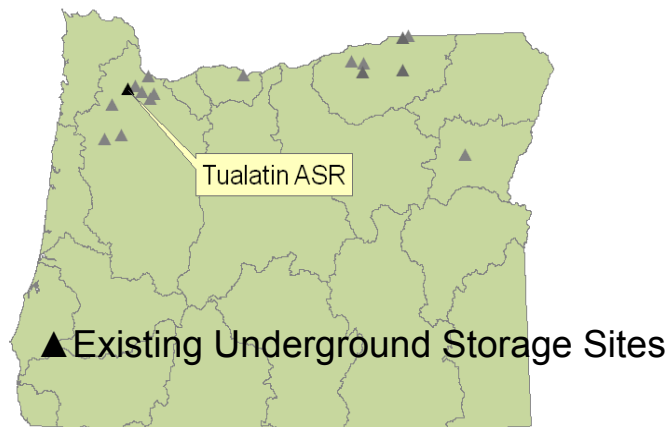


# Oregon Underground Storage: Tualatin ASR



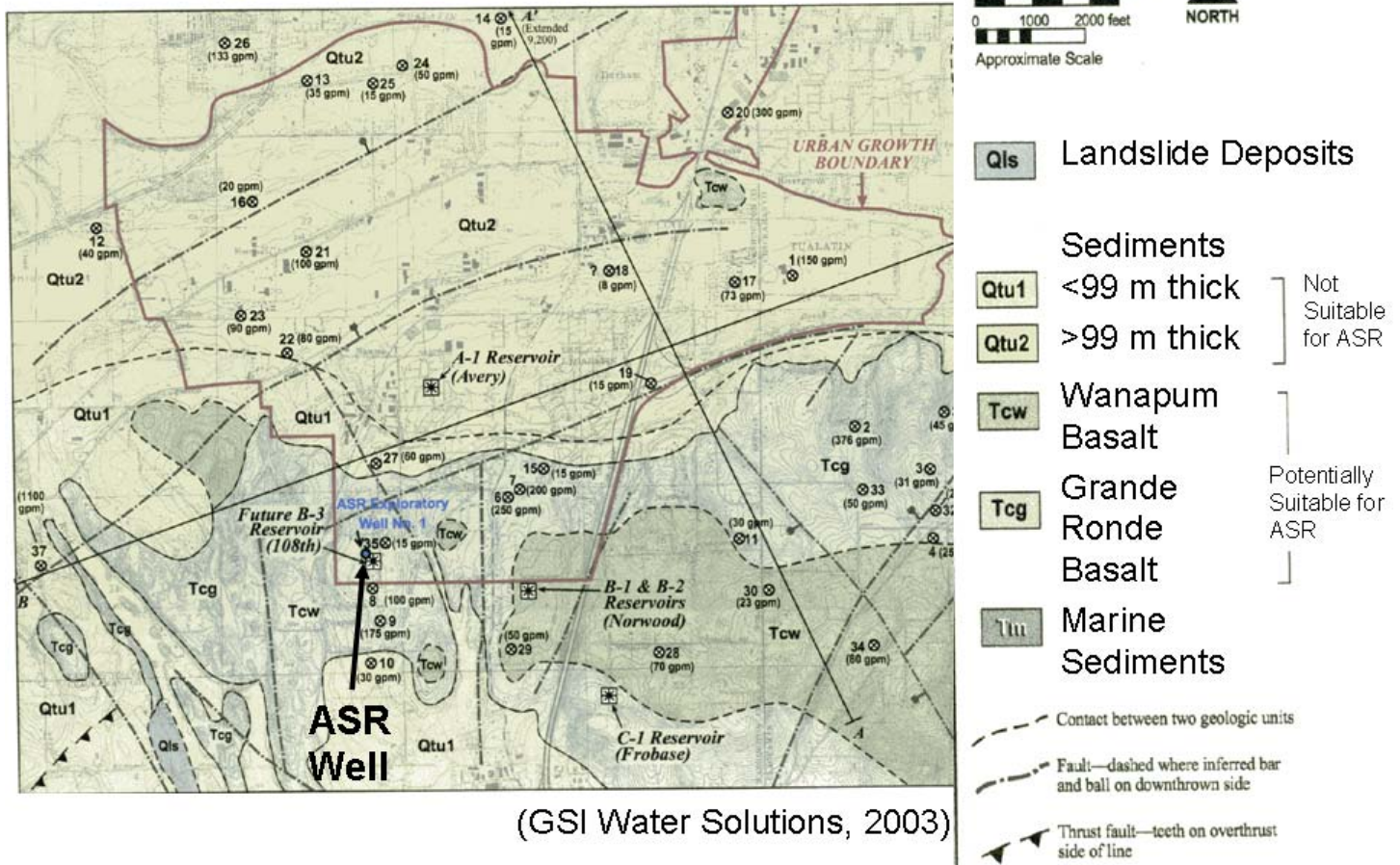
## Project Background

- Tualatin is located in the northern Willamette Valley, in an area that typically receives more than 40 inches of precipitation per year.
- The City obtained an ASR limited license in 2004.

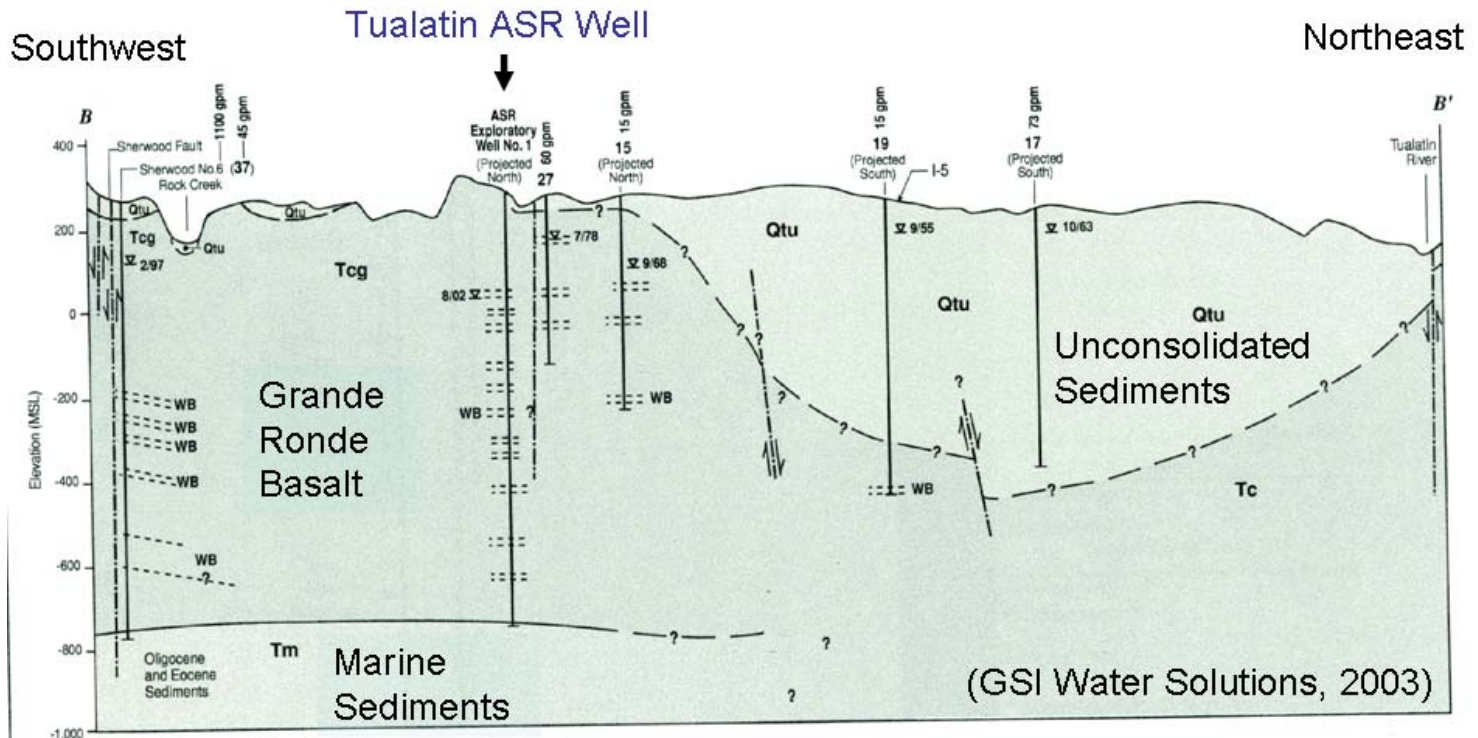


- **Source water:** Tualatin plans to purchase water from other entities during low-demand periods.
- **Aquifer:** The city plans to store water in the Grande Ronde Basalt member of the Columbia River Basalt Group. Static water levels at the ASR well were about 250 feet below the surface in the summer of 2002.

## City of Tualatin Geology Map







**A conceptual geologic cross-section through Tualatin's ASR well.**

- **ASR:** The City of Tualatin is authorized to inject 475 million gallons per year. This municipal project can provide supplemental water reserves during high demand periods, although no testing reports are available at this time. As of December 2008, no annual reports indicate activity at this site.