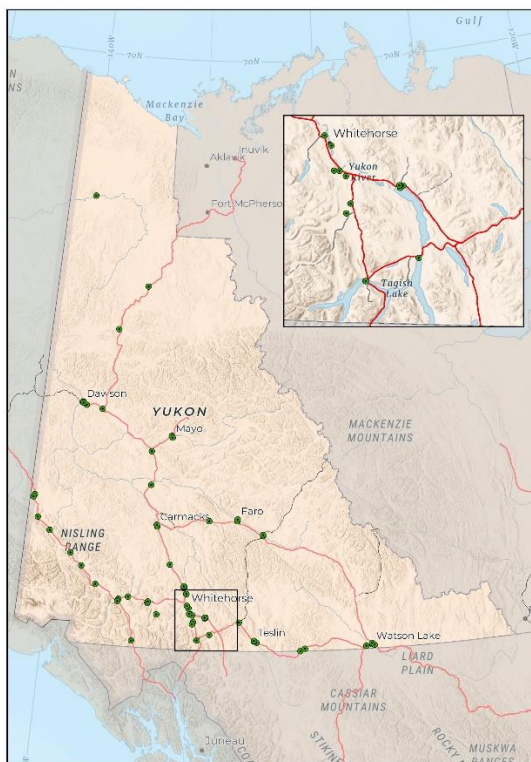




Yukon Observation Well Network



YOWN well locations as of February 2024.

Project summary

The Yukon Observation Well Network (YOWN) operated by the Water Resources Branch is used to monitor levels and quality of groundwater across the territory.

The monitoring results are used to:

- enhance understanding of key aquifers;
- evaluate potential and real impact of human activities on groundwater; and
- evaluate long-term groundwater trends due to climate change.

The network began with the installation of one observation well in the Wolf Creek drainage basin in 2001. Under the 2014 Yukon Water Strategy and Action Plan, the network was renamed and the project scope broadened to increase our understanding of groundwater across the territory. The YOWN has grown from eight wells in 2013 to 74 wells in February of 2024.

What it means for you

- 97% of Yukoners get their drinking water from groundwater sources.
- Groundwater and surface water are interconnected. Nearly all surface water features (streams, lakes, reservoirs and wetlands) interact with groundwater, so it is important to ensure groundwater information informs decision-making.
- YOWN provides an early warning system for changes in groundwater levels and changes in water quality from natural or human causes.



A groundwater technologist collects a groundwater sample from a YOWN well.

FOR MORE INFORMATION, PLEASE CONTACT:

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