



GROUNDWATER RESOURCES

Piteau Associates' legacy of project experience and local knowledge in British Columbia, Canada (location of our head office), and dedicated staff, have made us one of the foremost groundwater resource consultants in the province. We offer services relating to the identification, development, and management of groundwater resources to clients including regional and municipal governments, First Nations, land development, and industry, and we have been involved with many large-scale projects.

Specific areas of experience include:

- Regional aquifer assessments in support of aquifer management and determination of sustainable groundwater supply potential;
- Large-scale reconnaissance level surveys using geologic mapping, remote sensing, and geophysics;
- Detailed aquifer investigations involving test drilling, aquifer pump testing, laboratory analysis of groundwater, and monitoring;
- Water balance and numerical groundwater flow modeling;
- Studies in support of regulatory requirements (e.g., environmental impact assessment and groundwater licensing);
- Assessing groundwater pollution hazards, assessing risk, and developing risk management strategies, such as groundwater monitoring, in support of aquifer protection plans; and
- Long-term monitoring and assessment of aquifer trends and well performance.



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