

# GEOEXCHANGE DRILLER

## EMPLOYER DECLARATION OF WORK EXPERIENCE

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To qualify to challenge certification in this trade, you must:

- Have worked a minimum of **4,860 hours** performing some or all of the job tasks listed in Section D of this form, and
- Have experience performing at least **70%** of those tasks

**960 documented hours of directly related work experience for holders of a Certificated of Qualification in Water Well Driller or Geotechnical/Environmental Driller will be required to challenge the Certificate of Qualification Examination.**

**3,650 documented hours of directly related work experience for holders of a Certificated of Qualification in Well Pump Installer will be required to challenge the Certificate of Qualification Examination.**

This form is used to declare work experience for periods of employment. The information provided is used to verify the applicant's work experience in this trade. This form must be completed by a **direct supervisor of the applicant**, who will be contacted by the BC Ground Water Association (BCGWA) or SkilledTradesBC.

**Note:** An Employer Declaration of Work Experience form must be completed by each Employer listed on the applicant's completed Application form. A Statutory Declaration of Work Experience form must be completed for periods during which the applicant was self-employed or a previous employer is unavailable to complete an Employer Declaration. For more information, see **Instructions for Certification Challenge**.

### A. Applicant Name

Enter the name of the individual for whom this form is being completed.

Legal First Name:	Legal Middle Name(s):	Legal Last Name:
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### B. Supervisor Contact Information

Enter the name and contact information for the person who directly supervised the applicant at this employer. Ensure the information given is current as the application will be denied if this person cannot be contacted by SkilledTradesBC.

Name of Organization/Employer/Business:		
First and Last Name of Applicant's Direct Supervisor:		Supervisor Position or Title:
Suite Number:	Street Number and Name:	
City:	Province:	Postal Code:
Business Number: ( )	Mobile Phone Number: ( )	Supervisor E-Mail Address:

*Enter the Supervisor and Applicant names from Page 1 on every page of this form*

Supervisor First and Last Name:	Applicant First and Last Name:
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### C. Employment Information of Applicant

Dates of Applicant's Employment (MM/DD/YYYY): From: _____ To: _____	Total Number Hours of <b>Geoexchange Driller</b> Experience Accumulated in that Period: _____
Job Title of Applicant: _____	

### D. Supervisor Declaration of Job Task Performance

By checking "Yes" or "No" in the Declaration Response column, indicate whether or not you, as the direct supervisor of the applicant, have personally witnessed the applicant performing the job tasks listed. Cross out any job tasks you did not see the applicant perform.

Job Tasks	Declaration Response
<b>Industry Overview and Professional Work Practices</b> Including: Describe the scope of the trade in B.C., describe the B.C. Certification System and describe professional work practices.	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Workplace Safety</b> Including: Describe common safety hazards associated with the trade, use safety equipment and procedures when dealing with hazards, use the WHMIS System to practice safe care and control of hazardous products, recognize and describe hazards to the environment associated with the trade, recognize and comply with WorkSafeBC Regulations, recognize and comply with the B.C. Water Act and the B.C. Groundwater Protection Regulations, work safely on the drilling sites, recognize and comply with road and traffic regulations, state the safety considerations when dealing with gas encounters, utility clearances and sources of contamination.	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Drilling Methods</b> Including: Describe the different types of well drilling systems applicable to the trade, use well drilling methods as applicable to the trade.	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Geology</b> Including: Identify various rock types and the processes that form them, describe various soil types found in B.C., use proper terminology to describe rock formations as it applies to the trade.	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Ground Water</b> Including: Describe the Hydrologic Cycle (Water Cycle), use proper terminology to describe ground water formations, describe different sources of water.	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Artesian Water Flow Prevention</b> Including: Describe the characteristics of artesian water flow, recognize and prepare for the likelihood of encountering artesian water flow, identify the potential hazards associated with artesian water flow, describe the measures to contain/close artesian water flow.	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Maps and Other Information Sources</b> Including: Read and interpret maps that pertain to geology, hydrogeology and location, read and interpret B.C. Water Atlas online GIS resource, seek information from the property owner.	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Vertical Closed Loop Borehole Heat Exchanger Construction and Installation</b> Including: Explain the principles of borehole heat exchanger performance, identify the different types of closed loop geoexchange boreholes, use specific methods for vertical closed loop geoexchange borehole construction, use specific methods for vertical closed loop geoexchange borehole pipe installation, describe the purpose of sealing, grouting and cementing boreholes, use different types and application of grout for vertical closed loop geoexchange borehole grouting.	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Hydraulic Systems</b> Including: Explain the principles of operation and components of different types of hydraulic systems applicable to the trade, explain the importance of maintenance schedules and required system servicing.	Yes: <input type="checkbox"/> No: <input type="checkbox"/>

*Enter the Supervisor and Applicant names from Page 1 on every page of this form*

Supervisor First and Last Name: _____	Applicant First and Last Name: _____
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**E. Confirmation of Prerequisite Credentials or Certificates**

For some trades, evidence that the applicant has earned prerequisite credentials or certificates is required before the individual is permitted to challenge certification. For those trades, a current or previous employer must verify that the applicant has the required prerequisite credentials. Prerequisite credentials for this trade are listed below.

- There are no prerequisite credentials or certificates for this trade.

**F. Supervisor Signature**

I certify that the information I, as the current or former direct supervisor of the applicant, have provided is accurate. (Note: Collection and protection of personal information on this form is in accordance with the provisions of the Freedom of Information and Protection of Privacy Act.)

Supervisor name (Please Print):	Supervisor Signature:	Date Signed: (MM/DD/YYYY)

*Enter the Supervisor and Applicant names from Page 1 on every page of this form*

Supervisor First and Last Name:	Applicant First and Last Name: