



Department of Environment
Water Resources Section V-319
Yukon Water Well Registry
Box 2793 Whitehorse, Yukon Y1A 2C8

1/892

**WATER WELL
DRILLERS FORM**

Well ID:

To be assigned by Dept. Of Environment

Metric Imperial

INSTRUCTIONS FOR COMPLETING THE FORM

1. Additional information is provided at the bottom of this form on page 2.
2. Question can be directed to Water Resources at 867 687-3171.
3. All well construction measurements shall be reported to 0.1 m or 0.3 ft.
4. Please print clearly in blue or black ink.
5. Completion and submission of this form is the responsibility of the drilling contractor.
6. Please specify metric or imperial units for all measurements.

WELL LOCATION AND OWNER'S INFORMATION

A1 Well Name: Optional (i.e. City Well No. 2)

A2 Drilled For:

A3 Street Address of Well Location: 47 Crag Lake

A4 Town / Village / Area / Lot #: Lot 7 / Crag Lake

A5 UTM Coordinates (using handheld GPS): NAD 8 3 Zone

Easting Northing

A6 Elevation of Top of Casing: m @ASL

A7 Accuracy of GPS: +/- m @D

Sketch of Well Location
In sketch, indicate distances from property line, septic field, fuel tank(s) and building. Please include North arrow.

A8 Purpose of Wells

- Domestic
- Commercial
- Industrial
- Test Well
- Municipal
- Agricultural
- Irrigation
- Observation - Water Level
- Public/Recreational
- Environmental (Quality)
- Other (please specify use):

LOG OF OVERBURDEN AND BEDROCK MATERIALS (All depths are below ground surface, circle appropriate units, use descriptors provided)

EXAMPLE ONLY		CLAY SILT SAND GRAVEL COMBLES BOULDERS BEDROCK	MOISTURE: dry / moist / saturated (wt) HARDNESS: soft / hard / very hard		
Depth (m)	Depth (ft)	General Colour	Most Common Material	Secondary Materials	General Description
0	0	Brown	Sand		
5	15	Brown	Gravel	Sand	
30	90	black	bedrock		Cased
116	380	black	bedrock		

B8 Permafrost Encountered: NO YES If yes, indicated depth (m @D) from: m

WELL CONSTRUCTION (Continues on Page 2) Date Well Completed: 2018 10 16 Example: 2005 01 31

C1 Drilling Method: Air Rotary (Conventional) Dug Other (please specify)
 Reverse Air Rotary Cable Tool
 Mud Rotary Auger (Hollow / Solid Stem)
 C2 Well Type: OVERBURDEN BEDROCK

Casing (depth below ground surface, please circle appropriate units)
 C3 Outside Diameter: 7 (cm @D)
 C4 Casing Material: Plastic Metal Other
 C5 Casing Wall Thickness: 1.25 (cm @D)
 C6 Casing Depth to: 1.5 (m @D)
 C7 Other Comments Regarding Casing:

Surface / Environmental Seal (depth below ground surface, please circle appropriate units)

C9 Seal Material: Cement Mortar Other: _____
 C9 Diameter of Seal: (cm) (m) (m)
 C10 Seal Depth from: (m) (m) (m)
 C11 Seal Depth to: (m) (m) (m)
 C12 Volume of Seal: m³ m³

Gravel Pack (depth below ground surface, please circle appropriate units)

C13 Gravel Pack: NO If yes, indicated depth (m) to Indicate diameter of material: (mm / $\frac{1}{16}$ ") Material type:

Well Screen Information (depth below ground surface, please circle appropriate units)

C14 Screen Material: Galvanized Steel Inconel NVA Other: _____
 C15 Screen Material: (cm) (m) (m)
 C16 Screen Type: Continuous Wire Wrap Louver Screen Perforated Slotted Open Hole
 C17 Depth from: Screen 1: (m) (m) (m) Screen 2: (m) (m) (m) Screen 3: (m) (m) (m)
 C18 Depth to: (m) (m) (m)
 Slot Size / Perforation Dia: Thou. / mm / inches
 C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Surge Block Water Jetting Air Jetting / Air Lifting Soiling Other: _____
 D2 Well Head Completion: Well House Well Head Adapter Other: _____
 D3 Well Head Stick-up: (m) (m) (m)
 D4 Static Water Level: (m) (m) (m)
 D5 Well Yield Estimate: (Lps / $\frac{1}{16}$ ")
 D6 Final Well Status: Water Supply (in use) Standby (Back-up) Observation Not in use Abandoned Dry Other: _____
 D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES NO
 D8 Method Used to Estimate Well Yield: Air Lifting Bailer Pumping Test (If test conducted, complete Pumping Test Record)

PUMPING TEST RECORD AND GROUNDWATER QUALITY

E1 Pumping Test Information: Pumping Test Start Date: Y Y Y M M D
 Static Water Level (SWL): (m) (m) (m)
 Pump Intake Set at: (m) (m) (m)
 Duration of pumping: hrs min
 Final Water Level (FWL) at end of Pumping Test: (m) (m) (m)
 G1 GROUNDWATER QUALITY
 Field Data: Y Y Y M M D
 Electrical Conductivity: uS
 pH:
 Temperature: °C
 Groundwater Type: Salty Sulphur / Egg Odour Organic Taste / Odour Metallic Taste Other: _____
 Turbidity/Sand Content: Clear Slightly turbid/cloudy Moderately turbid/cloudy Turbid/cloudy Trace sand present No sand present
 Well Disinfection: Was the well disinfected upon completion of the pump installation? YES NO
 Describe method of well disinfection:

F1 Well Water Level Drawdown/Recovery DATA

Time (min)	Drawdown		Recovery	
	Water Level (m / ft)	Drawdown (m / ft)	Time (min)	Water Level (m / ft)
0 (SWL)			0 (FWL)	
1			1	
2			2	
3			3	
4			4	
5			5	
10			10	
15			15	
20			20	
25			25	
30			30	
40			40	
50			50	
60			60	

Bacteria Testing: Was a sample taken? YES NO If yes, indicate the name of the laboratory:
 Date Sample Taken: Y Y Y M M D
 Chemical Analysis of Water: Was a sample taken? YES NO If yes, indicate the name of the laboratory:
 Date Sample Taken: Y Y Y M M D

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company:
 H2 Name of Driller(s):
 H3 Address of Driller:
 Signature of Driller: Y Y Y M M D

CONSULTANT (if applicable)

I1 Company Name:
 I2 Company Address:
 I3 Report Reference:
 I4 Report Date: Y Y Y M M D

ADDITIONAL INSTRUCTIONS

Upon completing this form, please mail or fax it to:
 Water Resources Section (V-310),
 Department of Environment,
 Government of Yukon Box 2703,
 Whitehorse, Yukon, Canada Y1A 2C8
 Please feel free to contact us at:
 Phone: (867) 667-3171, Toll free (In Yukon): (1-800) 661-0408, local 3171)
 Fax: (867) 667-3195 E-mail: Water.Resources@gov.yk.ca

Personal information contained on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIP) Act, Section 29 (c) and will be used to compile a public database of well and ground water information. For further information contact the Manager of Hydrology, Water Resources at (867) 667-3223, toll free within Yukon 1-800-661-0408 Ext. 3223.
 I have read the above clause and understand the purpose for collection of personal information.
 Signature of Well Owner: