



Government
Department of Environment
Water Resources Section V-310
Yukon Water Well Registry
Box 2703 Whitehorse, Yukon Y1A 2C8

Y 1348

**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 867 667-3171
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: First Name Last Name Company / Department / Organization

A3 Street Address of Well Location: **Tarhini River Road**

A4 Town / Village / Area / Lot #: **Lot 1525**

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 (M)

A8 Purpose of Wells

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

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

Property Assessment & Taxation

JUN 13 2022

RECEIVED

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

EXAMPLE ONLY

Depth: m (ft) B2 From: B3 To:	B4 General Colour <small>(brown, gray, green, black, reddish, beige, olive, yellowish)</small>	B5 Most Common Material <small>CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK</small>	B6 Secondary Material: <small>'trace' < 10% (i.e. SILT trace gravel) 'some' 10-20% (i.e. SAND some gravel) 'silty / sandy / gravelly' 20-30% (i.e. silty SAND) 'and sand' or 'and gravel' 35-50%</small>		MOISTURE: dry / moist / saturated (wet) HARDNESS: soft / hard / very hard
			trace gravel	some silt	
0 - 5		Clay			415 Sand
5 - 20		Sand			415-420 Clay Sand/Silt water
20 - 60		Silt			
60 - 180		Clay			
180 - 200		Clay & Silt			420-425 Sand Coarse
200 - 220		Sand			
220 - 240		Sand			442-445 Sand Coarse
240 - 250		Clay			
250 - 260		Sand			
260 - 270		Sand			445-450 Gravel
270 - 280		Clay			
280 - 295		Sand			
295 - 380		Clay			450-468 - Coarse sand Gravel
380 - 390		Sand & Gravel			
390 - 400		Sand			468-480 - Coarse Sand Water

B8 Permafrost Encountered: NO YES If yes, indicated depth (m/ft) from:

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed: **2022 06 05**
Y Y Y Y M M D D

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: In what geological material is the water producing zone located?
 OVERBURDEN BEDROCK

Casing (depth below ground surface, please circle appropriate units)

C3 Outside Diameter: cm m
C4 Casing Material: Steel Plastic Other
C5 Casing Wall Thickness: cm m
C6 Casing Depth to: m ft

C7 Other Comments Regarding Casing:

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

C8 Seal Material Type: Bentonite (i.e. Bentonite)
C9 Diameter of Seal: 10 (cm)
C10 Seal Depth from: 0 (m)
C11 Seal Depth to: 1.5 (m)
C12 Volume Placed: []

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

C13 Gravel Pack: NO
If yes, indicated depth (m): []
Material type (i.e. silica): []

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

C14 Outside Diameter: 6 (cm)
C15 Screen Material: Stainless Steel
C16 Screen Type: Open Hole
C17 Depth from: 4.66 (m)
C18 Depth to: 4.70 (m)
Slot Size / Perforation Dia: 15 (Thou / mm)
C19 Screen Comments: []

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: []
D2 Well Head Completion: []
D3 Well Head Stick-up: 2 (m)
D4 Static Water Level: 1.30 (m)
D5 Well Yield Estimate: 14 (Lps)
D6 Final Well Status: []
D7 Well Abandonment Status: []
D8 Method Used to Estimate Well Yield: []

PUMPING TEST RECORD AND GROUNDWATER QUALITY

(All depths below ground, circle appropriate units)

E1 Pumping Test Information
Pumping Test Start Date: []
Static Water Level (SWL): []
Pump Intake Set at: []
Duration of pumping: [] hrs [] min
Final Water Level (FWL) at end of Pumping Test: []

RECOMMENDATIONS
Recomm. Pump Depth: []
Recomm. Pumping Rate: []
If flowing, provide rate: []

F1 Well Water Level Drawdown/Recovery DATA

Table with 4 columns: Time (min), Water Level (m/R) for Drawdown, Time (min), Water Level (m/R) for Recovery. Rows 0-60.

G1 GROUNDWATER QUALITY

Field Data
Date Measurements Taken: []
Electrical Conductivity: [] uS
pH: []
Temperature: [] C
Groundwater Type: []

Turbidity/Sand Content
Well Disinfection
Was the well disinfected upon completion of the pump installation? [] YES [] NO
Briefly describe method of well disinfection: []

Bacteria Testing
Was a sample taken? [] YES [] NO
Date Sample Taken: []
Chemical Analysis of Water
Was a sample taken? [] YES [] NO
Date Sample Taken: []

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: []
H2 Name of Driller(s): []
H3 Address of Driller: []
Signature of Primary Driller: []
Date Submitted to Dept. of Environment: []

CONSULTANT (if applicable)

I1 Company Name: []
I2 Company Address: []
I3 Report Reference: []
I4 Report Date: []

ADDITIONAL INSTRUCTIONS

Upon completing this form, please mail it to:
Water Resources Section (V.31.01)
Department of Environment
Government of Yukon P.O. 2703
Whitehorse, Yukon, Canada Y1A 2C6

Personal information contained on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIP/PP) 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, Hydrology Water Resources at (867) 667-3223, toll free within Yukon 1-800-661-0308 Ext 3223.
I have read the above clause and understand the purpose for collection of personal information.
Signature of Well Owner: []