



Department of Environment
Water Resources Section V-310
Yukon Water Well Registry
Box 2703 Whitehorse, Yukon Y1A 2C6

Well ID:

To be assigned by Dept. of Environment

Well Record Page 1 of 2
**WATER WELL
DRILLERS FORM**

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: **56 Boreal Road**

A4 Town / Village / Area / Lot #: **Miners Ridge**

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 /

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.

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, grey, green, black, white, beige, etc. yellowish)</small>	B5 Most Common Material <small>CLAY, SILT, SAND, GRAVEL COBBLES, BOULDERS, BEDROCK</small>	B6 Secondary Materials <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>		B7 General Description <small>MOISTURE dry / moist / saturated (wet) HARDNESS soft / hard / very hard</small>
				trace gravel	some silt	
	0 32	brown	sand			
	32 45	"	clay			
	45 58	grey	"			
	58 75	black/wh	bedrock			
	75 105	grey/wh	"			
	105 310	black/wh	"			
	310 330	grey/wh	"			
	330 340	black/wh	"			
	340 350	grey/wh	"			

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed **2006 22**
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 **6** (cm / in)
C4 Casing Material Steel Plastic Other
C5 Casing Wall Thickness **2.81** (cm / in)
C6 Casing Depth to: **6** (m / ft)

C7 Other Comments Regarding Casing:

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

C8 Seal Material Type: Bentonite
C9 Diameter of Seal: 10 (cm)
C10 Seal Depth from: 0 (m)
C11 Seal Depth to: 1.5 (m)
C12 Volume Placed: (m³)

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

C13 Gravel Pack: YES
If yes, indicated depth (m) from: to:
Indicate diameter of material (mm) Material type (i.e. silica)

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

C14 Outside Diameter:
C15 Screen Material: Stainless Steel, Steel, Plastic, N/A, Other
C16 Screen Type: Continuous Wire Wrap, Louver Screen, Perforated, Slotted, Open Hole
C17 Depth from:
C18 Depth to:
Slot Size / Perforation Dia:
C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Surge Block, Water Jetting, Air Jetting / Air Lifting, Bailing, Pumping, Other
D2 Well Head Completion: Well House, Pitless Adapter, Well Pit (NOT PERMITTED), None
D3 Well Head Stick-up (above ground surface):
D4 Static Water Level (below top of casing):
D5 Well Yield Estimate (Lps):
D6 Final Well Status: Water Supply (In use), Stand by (Back-up), Observation, Not in use, Deepened, Other
D7 Well Abandonment Status: Was the well properly decommissioned with bentonite grout? YES/NO, If YES Indicate Date.
D8 Method Used to Estimate Well Yield: Air Lifting, Bailing, Pumping Test

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:
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 columns: Time (min), Water Level (m / ft), Time (min), Water Level (m / ft). Rows for 0 (SWL), 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60.

G1 GROUNDWATER QUALITY

Field Date:
Date Measurements Taken:
Electrical Conductivity:
pH:
Temperature:
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
Briefly describe method of well disinfection:

Bacteria Testing
Was a sample taken? YES/NO
Date Sample Taken:
If yes, indicate the name of the laboratory:

Chemical Analysis of Water
Was a sample taken? YES/NO
Date Sample Taken:
If yes, indicate the name of the laboratory:

WELL CONTRACTOR

H1 Name of Contractor:
H2 Name of Driller(s):
H3 Address of Driller(s):
Date Submitted to Dept. of Environment: 2020 07 15

CONSULTANT (If applicable)

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

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 2C6
Please feel free to contact us at: Phone: (867) 567-3171, Fax: (867) 567-3175

Personal information contained on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIP/PI) 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