

Well ID:    
To be assigned by Dept. Of Environment

## WATER WELL DRILLERS FORM

Metric  Imperial

### INSTRUCTIONS FOR COMPLETING THE FORM

- Additional information is provided at the bottom of this form on page 2.
- Question can be directed to Water Resources at 867 667-3171.
- All well construction measurements shall be reported to 0.1 m or 0.3 ft.
- Please print clearly in blue or black ink.
- Completion and submission of this form is the responsibility of the drilling contractor.
- 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:   Company / Department / Organization  

A3 Street Address of Well Location: 14 Larch Lane

A4 Town / Village / Area / Lot #: Tagish, Lot 201

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

A6 Elevation of Top of Casing:   m / ft ASL

A7 Accuracy of GPS:   +/- m / ft

### 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.

105 D01  
8V  
537 787 E  
6676 725 N  
± 100-300

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

\*- Bedrock @ 125

Depth (m / ft)	EXAMPLE ONLY →		CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK		MOISTURE: dry / moist / saturated (wet)	
	(brown, grey, green, black, redish, beige, olive, yellowish)	brown	SAND	trace gravel	some silt	soft and saturated
B2 From	B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description	
0	28	brown	clay sand	and gravel		
22	33	grey	clay			
33	38	grey	fine gravel			
38	44		fine gravel/clay		dry	
44	49		fine gravel	and sand silty	saturated	
49	54		clay	and gravel	dry	
54	74		clay silt	and gravel	saturated	
74	78		sand		saturated	
78	123		clay		HARD DRY	
123	131		cobbles	and clay	"	
131	163		clay	trace gravel / gravel	dry	
163	165		Boulder		"	
165	167		clay	and gravel	Dry Moist	
167	175		gravel	and sand	Saturated	

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

### WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed 2015 09 14  
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: 6.5 (cm / in)  
 C4 Casing Material:  Steel  Plastic  Other 0.219  
 C5 Casing Wall Thickness:   (cm / in)  
 C6 Casing Depth to: 175 (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/in) C10 Seal Depth from: [15] (m/ft) C11 Seal Depth to: [16] (m/ft) C12 Volume Placed: [200] (m<sup>3</sup>/ft<sup>3</sup>)

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

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

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

C14 Outside Diameter: [4.5] (cm/in) C15 Screen Material: [X] Stainless Steel C16 Screen Type: [X] Slotted C17 Depth from: [ ] (m/ft) C18 Depth to: [175-2] (m/ft) Slot Size / Perforation Dia: [20] Thou./mm/inches

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: [X] Water Jetting D2 Well Head Completion: [X] Well House D3 Well Head Stick-up: [24] (m/ft) D4 Static Water Level: [14-8] (m/ft) D5 Well Yield Estimate: [6-7] (Lps/gpm) D6 Final Well Status: [X] Water Supply (in use) D7 Well Abandonment Status: [ ] YES [ ] NO D8 Method Used to Estimate Well Yield: [X] Air Lifting

PUMPING TEST RECORD AND GROUNDWATER QUALITY

(All depths below ground, circle appropriate units)

E1 Pumping Test Information

Pumping Test Start Date: [ ] Y Y Y Y M M D D

Static Water Level (SWL): [ ] (m/ft)

Pump Intake Set at: [ ] (m/ft)

Duration of pumping: [ ] hrs [ ] min

Final Water Level (FWL) at end of Pumping Test: [ ] (m/ft)

G1 GROUNDWATER QUALITY

Field Data

Date Measurements Taken: [ ] Y Y Y Y M M D 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

Briefly describe method of well disinfection: [ ]

F1 Well Water Level Drawdown/Recovery DATA

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

Bacteria Testing

Was a sample taken? [ ] YES [ ] NO If yes, indicate the name of the laboratory:

Date Sample Taken: [ ] Y Y Y Y M M D 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 Y M M D D

Clear Form

Print Form

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: [CATWAY WATER] H2 Name of Driller(s): [BRANT BODIN] H3 Address of Driller: [Whitchurch, YT] Signature of Primary Driller: [ ]

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:

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

Water Resources Section (Y-310), Department of Environment, Government of Yukon Box 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) 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