



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

WATER WELL DRILLERS FORM

Well Record Page 1 of 2

Well ID:
To be assigned by Dept. Of Environment

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.

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)

Drilled For: David Storey

Street Address of Well Location: KM 197.8 Klondike Hwy

Town / Village / Area / Lot #: 1122

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

Easting: Northing:

Elevation of Top of Casing: m / ft ASL

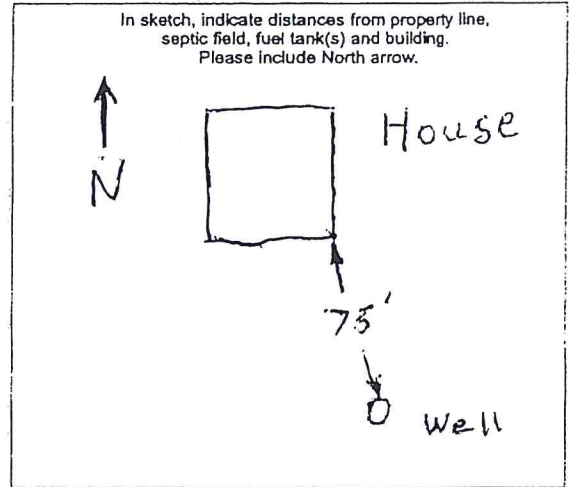
Accuracy of GPS: +/- m / ft

3 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 →

(brown, grey, green, black, reddish, beige, olive, yellowish)
brown

CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK
SAND

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 "silt gravel" 35-50%)
trace gravel some silt

MOISTURE: dry / moist / saturated (wet)
HARDNESS: soft / hard / very hard
soft and saturated

Depth (m / ft)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
From	To				
0	15	Brown	Sand		soft damp
15	30	Brown	clay		Hard dry
30	70	Brown	Sand	Sand	soft dry
70	100	Brown	Sand	clay	Fine grey
100	125	Grey	Sand		SOFT
125	145	Grey	clay		Hard
145	190	Grey	Sand + Water	clay	Fine
190	200	Grey	Sand + Water		Fine
200	216		Water	Sand	COARSE

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed: 1 1 0 9 2 0 0 7

Example:
31 01 2005

1 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)

3 Outside Diameter: 6.25 (cm / in)
 C4 Casing Material: Steel Plastic Other
 C5 Casing Wall Thickness: 1.30 (cm / in)
 C6 Casing Depth to: (m / ft)
 C7 Other Comments Regarding Casing:

WELL CONSTRUCTION (Continued from Page 1)

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

C8 Seal Material Type: Clay (Le. Bentonite)
 C9 Diameter of Seal: 8" (cm / in)
 C10 Seal Depth from: Surface (m / ft)
 C11 Seal Depth to: NA (m / ft)
 C12 Volume Placed: NA (m³ / ft³)

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

C13 Gravel Pack: NO If yes, Indicated depth (m / ft):
 YES 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: Stainless Steel
 Steel
 Plastic
 N/A
 Other:
 C16 Screen Type: Continuous Wire-Wrap
 Louver Screen
 Perforated
 Slotted
 Open Hole
 C17 Depth from: Screen 1: 206 (m / ft)
 Screen 2: 210 (m / ft)
 Screen 3: (m / ft)
 C18 Depth to: Screen 1: 210 (m / ft)
 Screen 2: 216 (m / ft)
 Screen 3: (m / ft)
 Slot Size / Perforation Dia: Screen 1: 10 Thou. / mm / inches
 Screen 2: 10 Thou. / mm / inches
 Screen 3: Thou. / mm / inches
 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 Adaptor: Depth of adaptor: 6 (m / ft)
 Well Pit (NOT PERMITTED)
 None (well not completed)
 D3 Well Head Stick-up (above ground surface): 10 (m / ft) inches
 (Use negative if below grade)
 D4 Static Water Level (below top of casing): 96 (m / ft)
 (Use negative if below grade)
 D5 Well Yield Estimate: 15 (Lps / gpm)
 D6 Final Well Status: Water Supply (in use)
 Stand-by (Back-up)
 Observation
 Not in use
 Deepened
 Other:
 Abandoned
 If well was abandoned, please give reason:
 Dry
 Poor Quality
 Insufficient Yield
 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
 (If test conducted, complete Pumping Test Record)

PUMPING TEST RECORD AND GROUNDWATER QUALITY

(All depths below ground, circle appropriate units)

E1 Pumping Test Information

Pumping Test Start Date: 15/09/2017
 Static Water Level (SWL): 96 (m / ft)
 Pump Intake Set at: 210 (m / ft)
 Duration of pumping: 48 hrs min
 Final Water Level (FWL) at end of Pumping Test: 96 (m / ft)

RECOMMENDATIONS

Recomm. Pump Depth: 210 (m / ft)
 Recomm. Pumping Rate: 10 (Lps / gpm)
 If flowing, provide rate: (Lps / gpm)

F1 Well Water Level Drawdown/Recovery DATA

Time (min)	Drawdown		Recovery	
	Time (min)	Water Level (m / ft)	Time (min)	Water Level (m / ft)
0 (SWL)			0 (FWL)	
1		96	1	96
2			2	
3			3	
4			4	
5			5	
10			10	
15			15	
20			20	
25			25	
30			30	
40			40	
50			50	
60			60	

G1 GROUNDWATER QUALITY

Field Data
 Date Measurements Taken:
 Electrical Conductivity: uS
 pH:
 Temperature: °C

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: 10/15/2017
 If yes, indicate the name of the laboratory:

Chemical Analysis of Water

Was a sample taken? YES NO
 Date Sample Taken: 10/15/2017
 If yes, indicate the name of the laboratory:

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: 13634 Yukon Inc
 H2 Name of Driller(s): Roger Peck
 H3 Address of Driller: Box 10141 Whitehorse YL7A1
 Signature of Primary Driller:
 Date Submitted to Dept. Of Environment: 05/11/2017

CONSULTANT (if applicable)

I-1 Company Name:
 I-2 Company Address:
 I-3 Report Reference:
 I-4 Report Date: 05/11/2017

ADDITIONAL INSTRUCTIONS

Upon completing this form,

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

Please feel free to contact us at:
 Phone: (867) 887-3171 Toll free (in Yukon): 1-800-964-6000