



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

Y1333

Well ID:

To be assigned by Dept Of Environment

**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:

A4 Town / Village / Area / Lot #:

A5 UTM Coordinates (using handheld GPS): NAD Zone

Easting Northing

A6 Elevation of Top of Casing: m @ASL

A7 Accuracy of GPS: +/- m @

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

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

EXAMPLE ONLY		(brown, grey, green, black, red, tan, orange, yellowish)	CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS, BEDROCK	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%	MOISTURE: dry / moist / saturated (wet) HARDNESS: soft / hard / very hard	
		brown	SAND	trace gravel some silt	soft and saturated	
Depth (m (ft))	B2 From	B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	4		Brown	Gravel	Sand Clay	
4	40			Boulders	Gravel	
40	80		Grey/white	Bedrock		
80	200		Grey	"		
200	220		Black	"		

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed
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 (in))
C4 Casing Material Steel Plastic Other
C5 Casing Wall Thickness: (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: Bentonite
C9 Diameter of Seal: 10 (cm)
C10 Seal Depth from: 0 (m)
C11 Seal Depth to: 15 (m)
C12 Volume Placed: (m³)

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

C13 Gravel Pack: NO
If yes, indicated depth (m):
Indicate diameter of material: (mm/inches)
Material type: (i.e. silica)

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

C17 Depth from: C18 Depth to: Slot Size / Perforation Dia:
Screen 1, 2, 3
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, Well Pit (NOT PERMITTED), None
D3 Well Head Stick-up: 2 (m)
D4 Static Water Level: (below top of casing)
D5 Well Yield Estimate: 4 (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
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): (m)
Pump Intake Set at: (m)
Duration of pumping: hrs min
Final Water Level (FWL) at end of Pumping Test: (m)

RECOMMENDATIONS

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

F1 Well Water Level Drawdown/Recovery DATA

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

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. If yes, indicate the name of the laboratory.

Chemical Analysis of Water

Was a sample taken? YES/NO. If yes, indicate the name of the laboratory.

WELL CONTRACTOR

H1 Name, H2 Name, H3 Address

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 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 (V-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