



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

**WATER WELL
DRILLERS FORM**

Well ID: 107071027
To be assigned by Dept. Of Environment

115607

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:

Company / Department / Organization

A3 Street Address of Well Location: D. Bay Y.T

A4 Town / Village / Area / Lot #: Destruction Bay

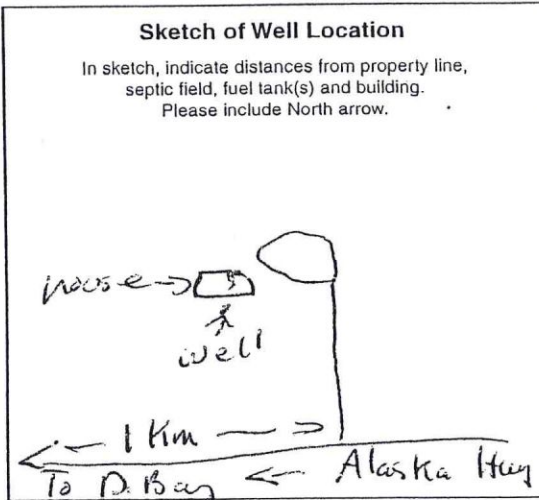
A5 UTM Coordinates (using handheld GPS): NAD 8 3 Zone 0 7

2 9 5 2 1 6 Easting 6 7 9 7 7 3 6 Northing

A6 Elevation of Top of Casing: m / ft ASL

accuracy: 1000-3000

A7 Accuracy of GPS: +/- m / ft



A8 Purpose of Wells

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

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

EXAMPLE ONLY		(brown, grey, green, black, redish, beige, olive, 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)		B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
B2 From	B3 To				
0	5	Grey	Sand	gravel	
5	15	Grey	clay		
15	152	Grey	clay	Sand	
152	160	Light Grey	gravel	Silt	

B8 Permafrost Encountered: NO YES If yes, indicated depth (m / ft): from: 15 to: 152

WELL CONSTRUCTION (Continues on Page 2) Date Well Completed 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 107.9 (cm / in)
 C4 Casing Material Steel Plastic Other
 C5 Casing Wall Thickness 2.19 (cm / in)
 C6 Casing Depth to: 157 (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: (m / ft); C12 Volume Placed: (m³ / ft³)

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

C13 Gravel Pack: 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: 6 (cm / in); C15 Screen Material: Stainless Steel; C16 Screen Type: Continuous Wire Wrap; C17 Depth from: 156 (m / ft); C18 Depth to: 160 (m / ft); Slot Size / Perforation: 20 Thou. / mm / in; C19 Screen Comments: water very cold Artesian 3 gpm over top

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Air Jetting / Air Lifting; D2 Well Head Completion: Pitless Adaptor; D3 Well Head Stick-up: 18 (m / ft); D4 Static Water Level: Artesian (m / ft); D5 Well Yield Estimate: 26 (Lps / gpm); D6 Final Well Status: Observation; D7 Well Abandonment Status: YES; D8 Method Used to Estimate Well Yield: 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)

RECOMMENDATIONS

Recomm. Pump Depth: (m / ft)

Recomm. Pumping Rate: (Lps / gpm)

If flowing, provide rate: (Lps / gpm)

F1 Well Water Level Drawdown/Recovery DATA

Table with columns for Drawdown (Time, Water Level) and Recovery (Time, Water Level) at 0 (SWL) and 0 (FWL) for intervals 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60.

G1 GROUNDWATER QUALITY

Field Data

Date Measurements Taken: Y Y Y Y M M D D

Electrical Conductivity: uS

pH:

Temperature: °C

Turbidity/Sand Content

Clear, Slightly turbid/cloudy, Moderately turbid/cloudy, Turbid/cloudy, Trace sand present, No sand present

Groundwater Type

Salty, Sulphur / Egg Odour, Organic Taste / Odour, Metallic Taste, Other:

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 laborator

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 laborator

Date Sample Taken: Y Y Y Y M M D D ALS

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: [Redacted]; H2 Name of Driller(s): [Redacted]; H3 Address of Driller: [Redacted]; Date Submitted to Dept. Of Environment: 20121211

CONSULTANT (if applicable)

I 1 Company Name: I 2 Company Address: I 3 Report Reference: I 4 Report Date: Y Y Y Y M M D D

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 (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 (ATIPP) Act, Section 29 (c) and will be used to compile a public database of well and ground water information.

I have read the above clause and understand the purpose for collection of personal information.

Signature of Well Owner