

Y265

Well ID:

To be assigned by Dept. Of Environment

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:

A3 Street Address of Well Location: Km 235, North Klondike

A4 Town / Village / Area / Lot #: 1103

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.

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

EXAMPLE ONLY		(brown, gray, green, black, red, 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)	B2 From	B3 To	B4 General Colour	B5 Most Common Material	B6 Secondary Materials	B7 General Description
0	24	24	grey/brown	Gravel		soft
24	41	41	brown	clay	and si.	soft
41	49	49	grey brown	gravel		soft/moist
49	62	62	grey brown	Bedrock		soft/fractured/saturated

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

**WELL CONSTRUCTION** (Continues on Page 2)

Date Well Completed 20140017  
Y Y Y Y M M D D

Example: 2005 07 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 .219  
 C5 Casing Wall Thickness  (cm / in)  
 C6 Casing Depth to: 49 (m / ft)

C7 Other Comments Regarding Casing:

Clear Form Print Form



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

C8 Seal Material Type: C9 Diameter of Seal: C10 Seal Depth from: C11 Seal Depth to: C12 Volume Placed:

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

C13 Gravel Pack: NO 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: C15 Screen Material: C16 Screen Type: C17 Depth from: C18 Depth to: Slot Size / Perforation Dia: C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: D2 Well Head Completion: D3 Well Head Stick-up: D4 Static Water Level: D5 Well Yield Estimate: D6 Final Well Status: D7 Well Abandonment Status: D8 Method Used to Estimate Well Yield:

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: pH: Temperature:

Groundwater Type: Salty Sulphur / Egg Odour Organic Taste / Odour Metallic Taste Other:

RECOMMENDATIONS

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

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? Briefly describe method of well disinfection.

F1 Well Water Level Drawdown/Recovery DATA

Table with columns: Drawdown (Time, Water Level) and Recovery (Time, Water Level). Rows 0-60 minutes.

Bacteria Testing: Was a sample taken? Date Sample Taken:

Chemical Analysis of Water: Was a sample taken? Date Sample Taken:

Clear Form Print Form

WELL CONTRACTOR

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

CONSULTANT (if applicable)

I 1 Company Name: I 2 Company Address: I 3 Report Reference: I 4 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

Personal information collected on this form is collected under the authority of the Access to Information and Protection of Privacy (ATIPPA) Act, Section 29 (c) and will be used to compile a public database of well and ground water information.

Signature of Well Owner