



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

COPY<sub>96</sub>

Well Record Page 1 of 2  
WATER WELL  
DRILLERS FORM

Well ID:

To be assigned by Dept. Of Environment

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:  TAKHINI LODGE  
PO BOX 21345 YT, Y1A-6R6

A4 Town / Village / Area / Lot #:  1370, QUAD 10SD/14, YT  
PLAN 99-0143

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

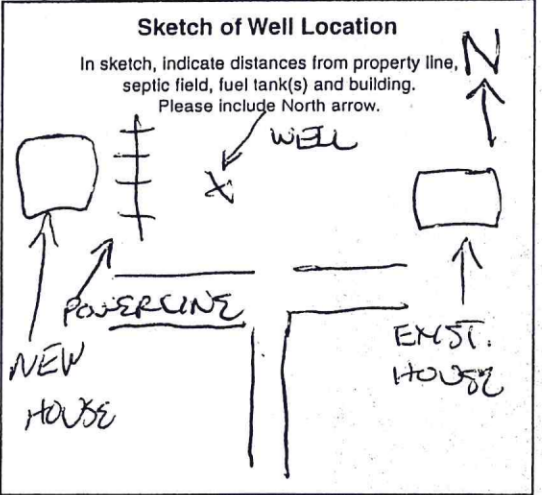
135° 27.899  60° 52.824  
WESTING Easting Northing

A6 Elevation of Top of Casing:  1.5 m  A.S.L. 700m A.S.L.

A7 Accuracy of GPS:  30 +/- m

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, 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	BRN	SILT		DRY
5	28	BRN/GY	CLAY		HARD
28	35	BRN	CLAY	TRACE FINE-MED	GRAVEL
35	55	BRN	CLAY		
55	300	GY	CLAY		HARD
300	385	GY	CLAY	SILTY SAND	SOFT
385	398	GY	FINE SILT (SAND)		SOFT
398	505	GY	BEDROCK		GRANITE

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

WELL CONSTRUCTION (Continues on Page 2)

Date Well Completed  20080922  
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 (cm)  (in)  
C4 Casing Material  Steel  Plastic  Other   
C5 Casing Wall Thickness  .219 (cm)  (in)  
C6 Casing Depth to:  407 (m)  (ft)

C7 Other Comments Regarding Casing:  
 4.94 PVC CASER FROM 385-505 BOTTOM 20FT SLOTTED



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

C8 Seal Material Type: 3/8 BENTONITE (i.e. Bentonite) C9 Diameter of Seal: 4 (cm) C10 Seal Depth from: 0 (m) C11 Seal Depth to: 15 (m) C12 Volume Placed: 11 BAGS @ 25

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

C13 Gravel Pack: NO 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: 4.94 (cm) C15 Screen Material: Steel C16 Screen Type: Slotted C17 Depth from: 485 (m) C18 Depth to: 505 (m) Slot Size / Perforation Di: 2 IPCU Thou. / mm / inch C19 Screen Comments: 2 IPCU VERTICAL SLOTS STAGGERED ALONG ENTIRE LENGTH LAST 20 FT

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Air Jetting / Air Lifting D2 Well Head Completion: Well House, Pitless Adaptor D3 Well Head Stick-up: 1.5 (m) D4 Static Water Level: 46.5 (m) D5 Well Yield Estimate: 2 (Lps / gpm) D6 Final Well Status: Water Supply (in use) 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 4 columns: Time (min), Water Level (m / ft) for Drawdown, Time (min), Water Level (m / ft) for Recovery. Rows from 0 to 60 minutes.

G1 GROUNDWATER QUALITY

Field Data Date Measurements Taken: 20 08 09 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: IRON

Well Disinfection

Was the well disinfected upon completion of the pump installation? YES NO

Briefly describe method of well disinfection.

1/2 GAL. 5% PIPER TO PVC INSTALL 1/2 GAL. AFTER

Bacteria Testing

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

Date Sample Taken: 20 08 09 42 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: 20 08 09 22 Y Y Y Y M M D D

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: DOBBS DRILLING LTD H2 Name of Driller(s): H3 Address: TERRACE B.C. Date Submitted to Dept. Of Environment: Y Y Y Y M M D D

CONSULTANT (If applicable)

1 Company Name: 1 Company Address: 1 Report Reference: 1 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 (ATIPPA) 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