

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

C8 Seal Material Type: Bentonite (i.e. Bentonite)
 C9 Diameter of Seal: 10 (cm / in)
 C10 Seal Depth from: 0-15 (m / ft)
 C11 Seal Depth to: 15 (m / ft)
 C12 Volume Placed: _____ (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: _____ (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: _____ (m / ft)
 C18 Depth to: _____ (m / ft)
 Slot Size / Perforation Dia: _____ Thou. / mm / inches
 Screen 1: _____ (m / ft) _____ (m / ft) _____ Thou. / mm / inches
 Screen 2: _____ (m / ft) _____ (m / ft) _____ Thou. / mm / inches
 Screen 3: _____ (m / ft) _____ (m / ft) _____ 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: 3 (m / ft) Well Pit (NOT PERMITTED) None (well not completed)
 D3 Well Head Stick-up (above ground surface): 5 (m / ft) (Use negative if below grade)
 D4 Static Water Level (below top of casing): 100 (m / ft) (Use negative if below grade)
 D5 Well Yield Estimate: 45 (Lps / gpm)
 D6 Final Well Status: Water Supply (In use) Not in use Stand by (Back-up) Observation Deepened Other: _____
 Abandoned Poor Quality Insufficient Yield
 If well was abandoned, please give reason: _____
 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: _____
 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: 350 (m / ft)
 Recomm. Pumping Rate: 5 (Lps / gpm)
 If flowing, provide rate: 5 (Lps / gpm)

F1 Well Water Level Drawdown/Recovery DATA

Drawdown		Recovery	
Time (min)	Water Level (m / ft)	Time (min)	Water Level (m / ft)
0 (SWL)		0 (FWL)	
1		1	
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

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
 Date Sample Taken: _____
 If yes, indicate the name of the laboratory: _____

Chemical Analysis of Water

Was a sample taken? YES NO
 Date Sample Taken: _____
 If yes, indicate the name of the laboratory: _____

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: MacDougall's Water Resources
 H2 Name of Driller(s): Brian Mac Dougall
 H3 Address of Driller: Box 10254 Whse 417 41724
 Signature of Primary 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 2702, Whitehorse, Yukon, Canada Y1A 2C6

Please feel free to contact us at:

Phone: (867) 667-3171, Toll free (In Yukon): (1-800) 661-0408, local 3171
 Fax: (867) 667-3105 E-mail: Water.Resources@gov.yk.ca