

WELL CONSTRUCTION (Continued from Page 1)

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

C8 Seal Material Type: Clay (Le. Bentonite)
 C9 Diameter of Seal: 10 (cm / in)
 C10 Seal Depth from: 0 (m / ft)
 C11 Seal Depth to: 20' (m / ft)
 C12 Volume Placed: _____ (m³ / m³)

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: Screen 1: 77 (m / ft)
 Screen 2: _____ (m / ft)
 Screen 3: _____ (m / ft)
 C18 Depth to: Screen 1: 81 (m / ft)
 Screen 2: _____ (m / ft)
 Screen 3: _____ (m / ft)
 C19 Screen Comments: _____
 Slot Size / Perforation Dia: Screen 1: 3 Thou. / mm / inch
 Screen 2: _____ Thou. / mm / inch
 Screen 3: _____ Thou. / mm / inch

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: _____ (m / ft)
 Well Pit (NOT PERMITTED)
 None (well not completed)
 D3 Well Head Stick-up (above ground surface): 2 (m / ft)
 (Use negative if below grade)
 D4 Static Water Level (below top of casing): 45 (m / ft)
 (Use negative if below grade)
 D5 Well Yield Estimate: 15 (lps / gpm)
 D6 Final Well Status: Water Supply (in use)
 Stand-by (Back-up)
 Observation
 Not in use
 Deepened
 Other: _____
 Abandoned Dry
 If well was abandoned, please give reason: _____
 Poor Quality
 Insufficient Yield
 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: 05/07/06
 Static Water Level (SWL): 45 (m / ft)
 Pump Intake Set at: _____ (m / ft)
 Duration of pumping: 2 hrs. _____ min.
 Final Water Level (FWL) at end of Pumping Test: 25 (m / ft)

RECOMMENDATIONS

Recomm. Pump Depth: 60 (m / ft)
 Recomm. Pumping Rate: 10 (Lps / gpm)
 If flowing, provide rate: _____ (Lps / gpm)

E1 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

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: 13634 Yukon Inc
 H2 Name of Driller(s): Paul Wassenaar
 H3 Address of Driller: Box 21360 Whitehorse
 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 2703, Whitehorse, Yukon, Canada Y1A 2G6

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