

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

C8 Seal Material Type: Bentonite (i.e. Bentonite)
C9 Diameter of Seal: 8 (cm)
C10 Seal Depth from: 10-77 (m/ft)
C11 Seal Depth to: 17 (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): 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: 5 (cm/in)
C15 Screen Material: Stainless Steel
C16 Screen Type: Continuous Wire Wrap
C17 Depth from: 65'8" (m/ft)
C18 Depth to: 62'8" (m/ft)
Slot Size / Perforation Dia: 18 (Thou./mm/inches)
C19 Screen Comments:

WELL DEVELOPMENT AND STATUS

D1 Well Developed by: Air Jetting / Air Lifting, Pumping
D2 Well Head Completion: Well House, Pitless Adaptor
D3 Well Head Stick-up: 2 (m/ft)
D4 Static Water Level: 60 (m/ft)
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: Pumping Test

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: uS
pH:
Temperature: °C

Groundwater Type

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

RECOMMENDATIONS

Recomm. Pump Depth: 66 (m/ft)
Recomm. Pumping Rate: 2 (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? YES NO
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? YES NO
Date Sample Taken: 20070527 ALS

Chemical Analysis of Water

Was a sample taken? YES NO
Date Sample Taken: 20070527 ALS

WELL CONTRACTOR

H1 Name of Contractor / Drilling Company: Pathway Water Resources
H2 Name of Driller(s):
H3 Address:
Signature of Primary Driller:
Date Submitted to Dept. Of Environment: Y Y Y Y M M D D

CONSULTANT (If applicable)

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

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
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

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

Date: May 25/07

Well Owner: [Redacted]

Address: Grizzly Valley

Phone: _____ Fax: _____

Contractor: Cathway Water Resources

Address: _____

Phone: _____

Driller: [Redacted]

General Information

Well Location: At owners address Other

Water Quality: Good Poor, why _____

Water Analysis: chemical Biological none

Comments: _____

Taste: _____

Water use: domestic Stock Garden

Irrigation Heat pump Industry

Community supply; number of connections _____

Other _____

Aquifer: Rock Sand and gravel

Well Capacity

Capacity: dry hole Inadequate

Satisfactory for proposed use

Capacity test: Bail test Air lift Pump test

Length of test 24 hrs minutes Rate: 1.59 gpm

Water level at start: 60'

Drawdown at end: 63'

Estimated well capacity: 1.59 gpm

Was a water sample taken at end of test? Yes No

Final well completion

Cover on casing Welded plate Pitless adaptor

Aluminium cover Well seal

Casing: above ground In pit In old dug well

Is casing sealed? Yes No

If Yes, describe: _____

Is site protected from obvious hazards, ie. poor drainage, grazing animals, buried fuel tanks, etc. Yes No

If no, what can be done? _____

If well location cannot be described from a road address, please sketch approximate location on reverse side of file copy of well record or attach separate sheet.

Well Log		Metres <input type="checkbox"/>	Feet <input checked="" type="checkbox"/>
From	To	Description	
0	6	sandy gravel.	
6	7	rocky	
7	12	brown sand	
12	50	glacial fill very hard	
50	54	sandy gravel/some silt	
54	60	sandy gravel/silt (looser)	
60	66	sandy gravel (water bearing)	

* If drilling is in rock, note depth of fractures which make water.

Well Construction

Surface Casing: Diameter 8"

Length 18' Stick up _____

removed Left in place

Well Casing: Diameter 6"

Length 64'8" Stick up 2'

Wall thickness: .219"

Casing shoe yes no

Completion: well screen slotted pipe

open end other

Well screen: stainless galvanized steel

plastic

from 62'8" to 65'8" slot width .018

from _____ to _____ slot width _____

Design based on: sieve analysis

estimated slot size

Other screen data: _____

Development method: surge bail air

water jet pump other _____

Static water level below ground: 60'

flowing Rate: _____