

Well Log

Date: June 9/08

Well Owner: [redacted]
Address: Lot 1147 Gentrain Lane.
Phone: [redacted] Fax: [redacted]

Contractor: Pathway Water Resources
Address: [redacted]
Phone: [redacted]
Driller: [redacted]

General Information

Well Location: At owners address Other
Water Quality: Good Poor, why _____
Water Analysis: chemical Biological none
Comments: clear
Taste: taste good.
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 3 hrs minutes Rate: 5.5 gpm
Water level at start: 190 ft
Drawdown at end: 191 ft.
Estimated well capacity: 6 to 10 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	94'	clay	
94	125	dry sandy silt	
125	168	dry sand.	
168	195	glacial till w/ sandy layers	
195	197	gravel + sand. wet.	
197		fine sand.	

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

Well Construction

Surface Casing: Diameter 8"
Length 17' Stick up _____
 removed Left in place
Well Casing: Diameter 6"
Length 196'1" Stick up 20"
Wall thickness: 250"
Casing shoe yes no
Completion: well screen slotted pipe
 open end other
Well screen: stainless galvanized steel
 plastic
from 199' to 194' slot width 40
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: 190 ft
 flowing Rate: _____

60



May 27/06

#1	20' 3"	20' 3"	
#2	10' 1/2"	30' 3 1/2"	0-94 - clay
#3	10' 1/2"	40' 4"	94-125 dry sandys. H
#4	10' 1/2"	50' 4 1/2"	125-168 sand
#5	10' 1"	60' 5 1/2"	168 - Glacial till
#6	10'	70' 5 1/2"	
#7	10'	80' 5 1/2"	
#8	10' 1/2"	90' 6"	
#9	10' 1/2"	100' 6 1/2"	
#10	10'	110' 6 1/2"	
#11	10' 1/2"	120' 7"	
#12	10' 1/2"	130' 7 1/2"	
#13	9' 1/2"	140' 7"	
#14	10'	150' 7"	
#15	10'	160' 7"	
#16	10' 1/2"	170' 7 1/2"	

05 #06 10" 180' 7 1/2"

#97 10" 190' 7 1/2"

#8 7' 9 1/2" 198' 5"

#19 5' 5" 203' 10"

screen 4' 10" 40 slot S/L 57.95 toc

pullback 3' (190')

cut off 7' 9"

total casing 203' 10" - 7' 9" = 196' 1"

stickup 20"

bottom from top of casing 199' 1"

baill + pump baill 1 hr.

pump 5.25 gpm

drawdown 53.15