# Hydrogeology and Servicing Assessment Proposed Residential subdivision 3852 Ganaraska Road Campbellcroft, Ontario

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Mr. Jeff Mycyk Mistral Land Development Inc. 5905 Earlscourt Crescent Ottawa, Ontario K4M 1KZ

Hydrogeology and Servicing Assessment Proposed Residential Subdivision 3852 Ganaraska Road Campbellcroft, Ontario

Dear Jeff,

We are pleased to submit this water supply/well interference evaluation for your proposed residential subdivision in Garden Hill.

We trust that this report is complete within our terms of reference and sufficient for your requirements. Please call us if you have any questions about the report or any areas that require clarification. Once you have had the chance to review the draft, we will make any edits required and issue a final document.

Yours very truly,

THE GREER GALLOWAY GROUP INC. CONSULTING ENGINEERS

Charles Mitz, Ph.D., P.Geo.

Senior Project Manager





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# 1. Introduction

The Greer Galloway Group was retained by Mr. Jeff Mycyk on behalf of and his partners to carry out a hydrogeological and servicing assessment for a proposed residential development planned for a 30.5 ha property located in the Hamlet of Garden Hill, Ontario on the north side of Ganaraska Road (part Lot 16, Concession 8, Geographic Township of Hope). Current plans call for the development of approximately 44 residential lots and up to 10 apartment units on the southern 17 ha of the property. These lots are to be serviced by individual groundwater wells and private septic systems with lots accessed by an internal road fabric connecting to Ganaraska Road and Porter Crescent.

The purpose of the work was to determine soil and groundwater conditions at the site and to demonstrate that the property is able to accommodate private sewage treatment/disposal systems in accordance with Provincial standards without affecting surrounding private water sources.

# 2. Investigation Methods

The study was carried out in accordance with the Ministry of the Environment, Conservation and Parks (MECP) Procedure D-5-4 (Individual On-Site Sewage Systems) and the Procedure D-5-5 (Private Well: Well Assessment) and included:

- Review of existing information regarding local hydrogeologic conditions,
- A neighbourhood survey for confirmation of reported water quality and quantity conditions,
- Pumping tests on four (4) test wells located on the property to make water quality and quantity observations and assess the potential of well interference on the subject and neighbouring properties.
- An assessment to determine whether private septic systems are a suitable form of servicing
- Evaluation of potential impacts to groundwater by the proposed subdivision.

The investigation methods are described further in the following subsections:

#### 2.1 Information Sources

The initial task was a review of available information to characterize existing soil and groundwater conditions, and to identify any potential hazards/constraints associated with the planned permanent infrastructure. Information sources include topographic and geologic mapping, aerial photography and MECP Water Well Records.

The site was visited in April and June 2021. During the site reconnaissance visit, the property was traversed on foot and observations made regarding topography, soil exposures, vegetation, drainage, and neighbouring lands.

# 2.2 Neighbouring Well Survey

A door-to-door well survey was carried out by Greer Galloway staff for a subset of neighbouring wells within an approximately 500 m radius of the site. The purpose of this survey was to "ground truth" the results of the well records search and to determine whether some residences were supplied by wells not included in the MECP well records. Introductions were made and information regarding well water quality and quantity and location of the septic systems was requested. To limit physical interactions



during the Covid-19 pandemic, only those residences located in the immediate vicinity of the subject property were visited.

## 2.3 Geotechnical Investigation

A soils investigation was conducted for the property by Terraspec Engineering on April 27, 2021. Twelve (12) exploratory boreholes were placed on site using a track-mounted drill rig. Groundwater was typically encountered at depths of 1.0 to 2.0 m below surface. Monitoring wells were installed at Boreholes 4, 7, and 10. The well construction consisted of 3 m of 10-slot screen with sand fill, and 50 mm diameter schedule 40 PVC casing sealed at the top with bentonite fill, and fitted with a lockable steel monument cap.

Soil laboratory testing consisted of moisture content determination and grain size analysis. The borehole logs and laboratory testing data have been appended to this report (see Appendix A).

# 2.4 Test Well Construction and Testing

#### 2.4.1 Test Well Construction

Four test wells A319286, A319287, A319288 and A319297 were constructed on four of the proposed lots across the portion of the site proposed for development. Four wells were selected as representative given the size of the site and the number of water well records available in the vicinity. We note that MECP Guideline D-5-5 calls for a minimum of five test wells (at least one of which must be located on the proposed development property) for sites of between 25 and 40 ha. However, the actual portion of the site to be developed is approximately 15 ha for which the minimum would be three wells (with a minimum of one being located on-site).

A319288 is a 152 mm diameter well drilled to a depth of 52.4 m on proposed Lot #7 in the central portion of the site. This well penetrated a surficial layer of grey gravelly sand and then a thick stratum of sandy clay to a depth of 29.6 m followed by soft grey clay to 41.1 m. An approximately 1.2 m thick layer of cemented sand and gravel was then encountered overlying bedrock at 42.6 m. The remainder of the well was extended through bedrock to a depth of 52.4 m. The driller reported a tested yield of 3.5 Imperial gallons per minute (15.8 L/min).

A319287 is a 152 mm diameter well drilled to a depth of 54.3 m on the boundary between proposed Lots #3 and #4 in the south-central portion of the site. This well penetrated a 1.5 m thick surficial layer of grey gravelly sand and then a thick stratum of sandy clay to a depth of 41.5 m. An approximately 0.3 m thick layer of cemented "shale" and gravel was then encountered overlying bedrock at 41.8 m. The remainder of the well was extended through bedrock to a depth of 54.3 m. The driller reported a tested yield of 0.5 Imperial gallons per minute (2.2 L/min).

A319286 is a 152 mm diameter well drilled to a depth of 34.0 m on proposed Lot #37 in the east-central portion of the site. This well penetrated a 0.9 m thick surficial layer of grey gravelly sand and then a thick stratum of clay-textured soils to a depth of 32.6 m. A 1.4 m thick layer of sand and gravel was then encountered extending to the termination depth of the well at 34.0 m. A 1.07 length of 30-slot stainless steel wire wound screen was set across the sand and gravel layer. The driller reported a tested yield of 100 Imperial gallons per minute (450 L/min).

A319297 is a 152 mm diameter well drilled to a depth of 43.6 m on proposed Lot #44 in the southeast corner of the site. This well penetrated 3.4 m of clayey sand (presumably glacial till) and then a thick stratum of clay-textured soils to a depth of 41.8 m. A cemented layer of sand and gravel was



encountered over limestone bedrock which was intersected at a depth of 43.3 m. The bottom 0.3 m of the well was uncased open hole. The driller reported a tested yield of 50 Imperial gallons per minute (225 L/min).

Well records are provided in Appendix B while the locations are shown on Figure 2 and details of the well construction and testing are summarized on the following table:

**Table 1: Summary of Well Construction and Testing** 

Well Number	A319288	A319287	A319286	A319297
Purpose	Test well	Test well	Test well	Test well
Туре	Drilled	Drilled	Drilled	Drilled
Depth (m)	52.4	54.3	34.0	43.6
Diameter (mm)	152	152	152	152
Static level (m BGL)	5.77	7.13	1.11	6.47
Aquifer	Bedrock	Bedrock	Overburden	Interface
Test date	02/02/2022	16/03/2022	01/02/2022	03/02/2022
Test type <sup>1</sup>	Variable rate	Variable rate	Fixed rate	Fixed rate
Test rate (L/min)	6	4	34	22
Duration (min) <sup>1</sup>	794	85	425	361
Quantity pumped (L)	6,005	507	14,450	8,048

#### 2.4.2 Pumping Tests

Three nominally 6-hour pumping test were carried out from February 1 to 3, 2022 to assess yield and the potential for well interference. An additional pumping test was performed on well A319287 on March 16 2022. For each test, the well discharge was routed through a gate valve and the pumping rate was checked periodically using the time-volume method. Water levels were recorded during the pumping and recovery using datalogging pressure transducers (Solinst Model 3001). The discharge water was directed away from the pumped well a distance of approximately 40 m (downgradient of the well) and was allowed to flow overland away from the well to avoid artificial recharge of the aquifer. The water level observations during the test and the recovery period following the testing are included Appendices B to H.

During the first three pumping test, four on-site water supply wells (A319286, A319287, A319288, and A319297) and three 50 mm diameter monitoring wells (BH-4, BH-7 and BH-10) were monitored. Offsite drilled wells at 3988 Frost Ave (A032997) and 3964 Ganaraska Road (A147474) were also instrumented as observation wells to test for possible interference. During pumping of A319287, well A319288 was monitored as an observation well.

All dataloggers were synchronized prior to the testing and set to record at 20 s intervals with the exception of test wells A319286, A319288 and A319297 which were set to record at 10 s intervals. Monitoring of the neighbouring and test wells commenced on January 31, and continued until February 7, 2022, four days after the completion of the third pumping test. 20 s intervals for the monitoring wells and 10 s intervals for the test well was the same intervals used during pumping of A319287.



A groundwater quality sample was collected during each of the 4 pumping tests: The sample was collected 5 hours after commencing the flow test for A319286, A319288, and A319297. Pumping Test 4 on well A288287 was terminated early on as the well was assessed to be not suitable as a domestic supply well, and the water sample was collected prior to terminating the pumping test. The samples were placed in variety of laboratory-prepared sample containers that were sealed, placed into a cooler with ice packs to maintain a temperature of approximately 4 °C and transported to Caduceon Laboratories Kingston, Ontario. Analytical parameters included E. coli and total coliform bacteria, pH, total hardness, total alkalinity; calcium, magnesium, sodium; potassium; iron, manganese; chloride; sulphate; nitrate (NO<sub>3</sub>-N); nitrite (NO<sub>2</sub>-N); conductivity; dissolved organic carbon, tannins and lignins; and a variety of additional parameters (refer to the Laboratory Certificates of Analysis in Appendix C).

Pumping of A319286 was initiated at 12:48 pm on February 1, 2022. The weather at the start of the testing was clear and about -1 °C. Mean temperature for the previous month had been no greater than 0 degrees Celsius and no melt events had occurred in the previous two weeks. A static level of 1.11 m below ground level was measured immediately prior to the test.

The initial pumping rate was approximately 34 L/min. The pumping rate remained constant at 34±0.5 L/min for the full extent of the pumping test. The pumping test was ended after pumping for 7 hours and 5 minutes (425 minutes) with a drawdown of 0.39 m. Recovery was fairly quick with 49% recovery occurring within 5 minutes of the cessation of pumping and 64% complete within 45 minutes following the termination of the test. A total of 14,450 litres were pumped from the well during the course of the test. Drawdown and recovery are mildly impacted by drawdown of the water table from neighbouring wells.

Pumping of A319288 was initiated at 9:40 am on February 2, 2022. The weather at the start of the testing was clear and about 2 °C. The sky was completely overcast with light to moderate precipitation occurring between 2 and 4 pm, frozen ground conditions remained throughout the course of the pumping test. A static level of 5.77 m below ground level was measured immediately prior to commencing the pumping test.

The initial pumping rate was approximately 5 L/min, 20 minutes into the test the rate was altered to 10 L/min as planned step test. This rate was continued for 200 minutes until the static level reached the base of the pump and the well was allowed to recover for 5 minutes before resuming pumping at 9 L for 44 minutes until the base of the pump was again reached. The pumping rate was then gradually reduced to 6 L/min where it remained until the end of the pumping test at 11:06 pm when the pump was shut off and final recovery was allowed to occur. As the sustainable well yield is less than the residential rate of 13.7 L/min the pumping test was extended so that more than the equivalent amount of water was pumped during the pumping test. While pumping at a rate of 6 L/min the well recovered during pumping until the water level stabilized at approximately 15.8 m below ground level.

Recovery following the end of pumping reached 50% recovery within 110 minutes of the cessation of pumping and 74% within 238 minutes following the termination of the test. A total of 6,005 litres were pumped from the well during the course of the test.

Pumping of A319297was initiated at 10:13 am on February 3rd, 2022. The weather at the start of the testing was overcast and about -4 °C Temperature decreased to -7 °C by the end of the pumping test and periods of flurries occurred throughout the day. A static level of 6.47 m below ground level was measured immediately prior to the test.

The initial pumping rate was approximately 28 L/min and the rate changed to 22 L/min when a setting was changed on the generator after 16 minutes of pumping. After this initial pumping rate change the



pumping rate remained constant at 22±0.5 L/min for the full extent of the pumping test. The pumping test was ended after pumping for 6 hours and 1 minutes (361 minutes) with a total drawdown of 3.11 m. Recovery was fairly quick with 60% recovery occurring within the first hour following the termination of the test. A total of 8,048 litres were pumped from the well during the course of pumping test. Interference from neighbouring water supply wells is visible in the hydrograph for A319297 and delays full recovery of the well until 12 hours and 20 minutes following the end of the test.

Pumping of A319287 was initiated at 12:56 pm on March 16, 2022. Unlike the first three pumping tests, this test occurred during a period with a high water table and snow melt with little frost in the ground. The weather at the start of the testing was overcast and about 2°C. A static level of 7.13 m below ground level was measured immediately prior to the test. Pumping occurred at 6 L per minute but this was reduced to 2 L per minute by the end of the first portion of the test at 1:27 pm. The pumping test was then resumed at 4:30 pm at 14 L/min until the water level reached the bottom of the pump at 19.01 m below ground surface, 24 minutes after pumping restarted. The pump was then shut off at 5:12 pm and lowered to a depth of 25.3 m below ground surface. Pumping was then resumed at 5:17 pm at a rate of 12 L/min. The water level reached the base of the pump within 9 minutes of pumping and the pump was again shut off at 5:29 pm and allowed to recover.

The pumping test cumulative duration was 1 hour and 25 minutes with a maximum drawdown of 18.14 m. Recovery was fairly quick with 60% recovery occurring within the first hour following the termination of the test. A total of 507 litres were pumped from the well during the course of the test.

# 3. Site Description and Background

# 3.1 Project and Site Description

Forty-four (44) residential lots are proposed for an approximately 16 ha area bounded by Ganaraska Road on the south and by the Garden Hill Conservation Area on the west. The roughly rectangular-shaped property is approximately 370 m wide at its thickest and extends approximately 650 m in a north direction from Ganaraska Road to a hydro corridor that bisects the larger 30.5 ha property. The lands are bounded by forested lands on the north and by residential land uses to the southwest and east. Current vegetative cover consists of a mix of active agricultural lands and forested lands bordering the hydro corridor.

# 3.2 Topography and Drainage

The property is undulating to rolling with the highest elevations occurring in the northeast portion of the site where the ground surface reaches approximately 191 metres above mean sea level (mASL). The balance of the property slopes in a southwesterly direction toward the banks of the North Ganaraska River at the Garden Hill Conservation Area where a low of approximately 173 mASL is reached. Drainage follows the topography with all surface water run-off entering the North Ganaraska River which flows in a generally southerly direction to the Hamlet of Canton approximately 8 km south southeast from the site where it joins the main branch of the Ganaraska River. The main branch of the Ganaraska continues flowing in a southerly direction until it enters Lake Ontario at Port Hope a further 7 km to the south south-east.

The North Ganaraska River is classified as a cold-water fishery dominated by brook trout (*Salvelinus fontinalis*), brown trout (*Salmo trutta*), rainbow trout (*Oncorhynchus mykiss*), mottled scuplin (*Cottus bairdii*), and pacific salmon (*Oncorhynchus spp.*) being the main cold-water species.



### 3.3 Climate and Water Balance

The proximity of the area to Lake Ontario has a moderating effect on the climate, creating less extreme conditions in summer and winter than in other parts of the province. The subject area is characterized by mild winters and relatively cool humid summers. Snow typically occurs during 5 months of the year from December to April with lake effect snow resulting in highly variable levels of winter precipitation from year to year. The estimated annual precipitation is approximately 865 mm for the Ganaraska River watershed.

Evapotranspiration is moderate and typically accounts for about half of the total water balance. Modelling carried out by the Trent Conservation Coalition Source Protection Committee (TCCSPC, 2018) indicates actual evapotranspiration (AET) of 498 mm/a for the area. Subtracting AET from total precipitation indicates a water surplus of approximately 367 mm/a.

The infiltration for the site was calculated as per the MECP 1995 guidance document (Hydrogeological Technical Information Requirements for Land Development Applications). It is based on three subfactors which are:

- Topography sub-factor;
- Soil sub-factor; and,
- Cover sub-factor.

The following table presents infiltration factors based on the details of the ground cover factors for the area under current conditions:

Table 2: Summary of Local Well Depths and Yields

Site Characteristic	Infiltration Factor
Topography	
Flat Land	0.3
Rolling Land	0.2
Hilly Land	0.1
Soils	
Tight impervious clay	0.1
Medium combinations of clay and loam	0.2
Open sandy loam	0.4
Cover	
Cultivated Land	0.1
Woodland	0.2
Sum of Infiltration Factors	0.7

Given an average annual moisture surplus (P-ET) of approximately 372 mm and an infiltration factor of 0.7, we estimate an average infiltration of about 260 mm/a or roughly 7,123 L/day per hectare. This estimate may be compared to water budget modelling contained in the Ganaraska Source Protection Plan which estimated groundwater recharge in the range of 240 mm/a for glaciolacustrine sands. We note that this number is taken from guidelines published by the MECP for the purposes of nitrate loading calculations and the resulting recharge estimate may not be suitable for other purposes.



## 3.4 Geology

The subject property is located along the southern margin of the physiographic region of Southern Ontario known as the Oak Ridges Moraine (Chapman and Putnam, 1984). The Oak Ridges Moraine stretches from the foot of the Niagara Escarpment in Peel Region to the Trent River and contains numerous areas of natural significance as well as serving as a major groundwater recharge zone.

The surficial physiography of the region has resulted primarily from glacial activity that took place during the Wisconsinan Substage of the Quaternary period (circa 100,000 to 12,000 years BP). During this time, there were repeated advances and retreats of glacial ice lobes removing much of any pre-existing overburden. Overlying the bedrock are four or more glacial till deposits, two of which are regionally extensive and significant from a hydrostratigraphic perspective: the Halton and Bowmanville Tills. The quaternary geology is locally complex and may contain early or even pre-Wisconsinan deposits. This complexity has led to multiple competing conceptual geological sequences and nomenclatures in the published literature however there is a general consensus that the following sequence captures the key hydrostratigraphic units. There is no consensus on nomenclature and we have chosen the unit names that we believe are most familiar to hydrogeologists and engineers in the area.

- 1. Recent alluvium and organic deposits
- 2. Halton Till (and stratigraphic equivalents such as the Bouchette Till)
- 3. Oak Ridges Moraine Deposits
- 4. Bowmanville Till (equivalent to the Newmarket Till)
- 5. Clarke Deposits (equivalent to Thornecliffe Fm.)
- 6. Lower Strata (Port Hope Till, Sunnybrook Till, Scarborough Formation, pre-Wisconsinan)
- 7. Bedrock (Upper Lindsay Fm.)

Halton Till forms the upper glacial till in the area and forms a low-permeability cap over the Oak Ridges Moraine deposits. The till was deposited during the Port Huron Stadial (about 13,000 years ago) by glacial ice advancing from the Lake Ontario basin. The till is characteristically a fine textured clayey silt material further to the west (e.g., in Peel Region) but it becomes coarser further to the east (i.e. in the subject area) where it has a sandy loam texture and has been named the Bouchette Till (Martini et al., 1981).

The underlying sediments of the Oak Ridges Moraine are characterized by a variable (and often substantial) thickness of coarse-grained outwash and glaciofluvial strata deposited as an interlobate moraine. The stratigraphy within the Oak Ridges Moraine is complex and characterized by multiple episodes of deposition, erosion, and redeposition resulting in contrasting zones of high permeability that could be described as stacked braided stream channels. This unit is thin to absent beneath the subject site.

Bowmanville Till, is a very dense grey till varying between silty sand and sandy silt in texture with numerous limestone pebbles and occasional fragments of dark grey to black shale (Brennand, 1998). Lenses or thin beds of sand and fine gravel are reported within this unit, particular in the lower horizons. This Till is considered equivalent to the Newmarket Till (Sharpe et al., 2009) described further to the west.

The Bowmanville Till is underlain by another sequence of lacustrine and fluvial or glaciofluvial sand and gravel deposits referred to as the Clarke Deposits (Brookfield et al. 1982) of probable interstadial age. These deposits are considered to be stratigraphically equivalent to the Thornecliffe Formation (Davies and Holysh, 2007) of the Toronto area and they are underlain by lower permeability strata including the



Port Hope Till as well as a variety of early and possibly pre-Wisconsinan strata which may form productive aquifers of restricted areal extent.

The bedrock consists of limestones and shales laid down over older Precambrian-age rock of the Grenville Province beginning in the middle Ordovician (approximately 460 million years ago) as part of a continent-wide marine transgression. This transgression (a period of increasing sea levels) deposited, in order, the Shadow Lake, Gull River, Bobcaygeon, Verulam and Lindsay Formations (Armstrong and Carter, 2010). The Lindsay Formation is the uppermost bedrock unit beneath the subject site. It consists mainly of medium brown and grey, finely crystalline limestone, uniformly bedded with subequal thickness of pale to medium brown shale. These strata dip shallowly to the west.

# 3.5 Hydrogeology

Within the property, the groundwater table is encountered within the shallow sandy loam soils at depths between about 0.5 and 3 m below ground surface. Deeper wells screened in the underlying bedrock or basal sand and gravel aquifer have a lower water level ranging from 1 to 7 m below ground surface. This difference in piezometric elevation is unlikely to be the result of a strong downward gradient but rather the "daylighting" of deep aquifer horizons further to the south. Groundwater flow within the shallow overburden is interpreted to be in a south to southwesterly direction roughly parallel to the surface water drainage (see Figure 3, appended). Groundwater flow within the deep confined aquifer is interpreted to be in a southerly direction.

Review of MECP water well records for the area returned 125 well records within a radius of approximately 1.0 km from the property (see Figure 4, appended). Well records are provided in Appendix D and key data is summarized on the following table:

Table 3: Summary of Local Well Depths and Yields

Table 5. Summary of Local Well Depths and Tields							
Well No.	Static level (m)	Yield (L/min)	Depth to Bedrock (m)	Well depth (m)	Water	Formation	
1902126	18.0			43.0	fresh	Overburden	
1902127	Artesian	180.0	42.0	43.0	fresh	Bedrock	
1902129	6.1		43.0	43.3	fresh	Bedrock	
1902131	10.4			14.9	fresh	Overburden	
1902132	Artesian	19.0		31.1	fresh	Overburden	
1902133	6.1	11.3	40.8	41.1	fresh	Bedrock	
1902134	7.6	15.1	41.0	42.7	fresh	Bedrock	
1902136				42.7	Dry	Overburden	
1902172	4.8	18.9		24.1	fresh	Overburden	
1902173	6.1	11.4		39.9	fresh	Overburden	
1902174	4.5	18.9		24.1	fresh	Overburden	
1902175	5.4	18.9		17.7	fresh	Overburden	
1902176	Artesian	18.9	45.7	50.3	fresh	Bedrock	
1902697	6.0	9.5		24.1	fresh	Overburden	
1902721	11.5	18.9		44.2	fresh	Overburden	
1903703	7.3	11.4		11.0	fresh	Overburden	
4504521	4.5	22.7		7.9	fresh	Overburden	
4504633	3.4	22.7		41.1	fresh	Overburden	



	Static	Yield	Depth to	Well		
Well No.	level (m)	(L/min)	Bedrock (m)	depth (m)	Water	Formation
4504798	6.0	37.9		22.9	fresh	Overburden
4505035	4.6	22.7		13.7	fresh	Overburden
4505552	8.5			45.7	fresh	Overburden
4505581	7.9	18.9		42.7	fresh	Overburden
4505584	41.1	37.9		41.1	fresh	Overburden
4506050	0.0	18.9		40.8		Overburden
4506213	3.0	18.9		8.2	fresh	Overburden
4506532	9.1	56.8		40.8		Overburden
4506539	0.0	37.9		37.8	fresh	Overburden
4506542	10.7	30.3		39.6	fresh	Overburden
4506764	4.5	15.1		15.5	fresh	Overburden
4507011	7.9	30.3		21.0		Overburden
4507062	6.0	15.1	41.4	45.7		Bedrock
4507063	4.5	11.4	39.0	47.2		Bedrock
4507123	9.8	18.9		15.2	fresh	Overburden
4507128	1.5	15.1		7.3	fresh	Overburden
4507281	0.6	37.9		40.8	fresh	Overburden
4507283	6.1	7.6	44.1	80.2	fresh	Bedrock
4507284	7.6	22.7	45.7	49.4	fresh	Bedrock
4507285	3.0	22.7		32.9	fresh	Overburden
4507613	1.2	15.1		7.9	fresh	Overburden
4507684	4.2	18.9		20.7		Overburden
4507685	3.2	18.9		21.9	fresh	Overburden
4507686	2.9	18.9		20.4	fresh	Overburden
4507693	19.8	15.1		27.4	fresh	Overburden
4507697	4.0	18.9	43.5	43.9	fresh	Bedrock
4507810	7.6	15.1	42.1	46.9	fresh	Bedrock
4508152	10.6	15.1		46.9	fresh	Overburden
4508153	10.3	22.7		43.9	fresh	Overburden
4508346	0.9	22.7		18.3	fresh	Overburden
4508462	16.8	11.4		23.2	fresh	Overburden
4508675	11.6	7.6		24.1	fresh	Overburden
4508763	1.8	26.5		18.3	fresh	Overburden
4508925		0.0	41.1	44.5	salty	Bedrock
4508926	7.9	45.4		17.7	fresh	Overburden
4508936	18.2	15.1		25.0	fresh	Overburden
4508938	24.3	15.1		36.0	fresh	Overburden
4508988	1.5	18.9		35.1	fresh	Overburden
4509030	1.5	30.3	45.1	45.4	fresh	Bedrock
4509203	13.7	18.9		48.8	fresh	Overburden
4509418	13.7	18.9		28.7	fresh	Overburden
4509564	0.6	15.1		41.1	fresh	Overburden



	Static	Yield	Depth to	Well		
Well No.	level (m)	(L/min)	Bedrock (m)	depth (m)	Water	Formation
4509592	3.0	18.9		20.4	fresh	Overburden
4509729	7.6	7.6	45.1	45.1	fresh	Bedrock
4509846	0.0	18.9		35.1	fresh	Overburden
4509875	22.8	18.9		38.7	fresh	Overburden
4509876		0.0	42.6	44.2		Bedrock
4509915	3.0	75.7		39.6	fresh	Overburden
4509964	4.3	18.9		21.3	fresh	Overburden
4510075	Artesian	18.9		36.6	fresh	Overburden
4510092	3.0	18.9		42.4	fresh	Overburden
4510211	13.7	11.4		24.4	fresh	Overburden
4510271	7.3	22.7		15.2		Overburden
4510286	6.0	18.9	46.0	47.5	fresh	Bedrock
4510287	0.6	30.3		27.4	fresh	Overburden
4510288	4.5	18.9	48.7	50.0	fresh	Bedrock
4511200	1.8	11.4		40.8	fresh	Overburden
4511397	0.0	75.7		40.5	fresh	Overburden
4511424	5.5	15.1		14.0	fresh	Overburden
4511443	0.9	3.8		2.4	fresh	Overburden
4511569	0.3	30.3	42.0	45.1	fresh	Bedrock
4511652	5.5	11.4	42.6	42.7	fresh	Bedrock
4511699	Artesian	37.9	<del>-</del>	13.7	fresh	Overburden
4511748	0.0	37.9		39.9	fresh	Overburden
4512271	21.9	37.9		48.8	fresh	Overburden
4512284	10.7	18.9	45.7	47.2	fresh	Bedrock
4512360	1.2	30.3		41.1	fresh	Overburden
4512471	8.8	18.9	4.8	47.5	gas	Bedrock
4512679	8.5	11.4		23.8	fresh	Overburden
4512729	0.0	30.3		38.7	fresh	Overburden
4512730	0.3	37.9		40.8	fresh	Overburden
4513073	10.7	7.6	44.5	45.4	fresh	Bedrock
4513276	6.0	30.3		12.2	fresh	Overburden
4513307	0.0	18.9		36.6	fresh	Overburden
4513337	12.2	37.9		44.8	fresh	Overburden
4513522	3.6	18.9		12.8	fresh	Overburden
4514073	2.4	30.3		17.7	fresh	Overburden
4514115	11.4	00.0		132.0	fresh	Overburden
4514159	9.1	11.4	41.4	41.8	fresh	Bedrock
4514123	2.4	18.9	71.7	42.0	other	Overburden
	9.1	11.4	41.5	41.8	fresh	Bedrock
4514159			41.3			Overburden
4514283	0.6	15.1		31.7	fresh	Overburden
4514384	3.0	37.9		33.8	fresh	Overburden
4514497	0.0	15.1		38.4	fresh	Overbulden



	Static	Yield	Depth to	Well		
Well No.	level (m)	(L/min)	Bedrock (m)	depth (m)	Water	Formation
4514511	2.1	17.6		44.4		Overburden
4514529	2.4	22.7	44.2	46.0	other	Bedrock
4514550	0.9	22.5		34.5	fresh	Overburden
4514551	4.2	22.5		37.2	fresh	Overburden
4514571	2.1	22.7		45.7	fresh	Overburden
4514784						Overburden
4514785						Overburden
7039817	4.3	18.9		21.9	fresh	Overburden
7042624	0.0	22.7		45.7	fresh	Overburden
7042727	10.4	45.5		44.8	fresh	Overburden
7121498	9.4	30.2	42.1	43.9	fresh	Bedrock
7143690	3.0	30.5		14.4	fresh	Overburden
7168893	1.5	95.0		40.2	fresh	Overburden
7177004	3.0	26.5	39.9	40.2	untested	Bedrock
7177159	3.2	37.9		40.2	untested	Overburden
7212841	0.0	37.9		37.7	untested	Overburden
7220244	9.7	26.5	43.9	45.1	untested	Bedrock
7233168	5.4	18.9	40.2	40.5	fresh	Bedrock
7233198	Artesian	18.9		14.6	untested	Overburden
7236816	3.7	30.3		24.4		Overburden
7239075	11.5	18.9	48.1	50.0	untested	Bedrock
7273806	8.2	17.0	46.3	51.2	fresh	Bedrock
7326753	6.8	19.0	42.7	46.0	fresh	Bedrock
7351929	7.9	26.5		14.9	untested	Overburden
7351940	7.6	26.5		22.6	untested	Overburden

These records suggest water is found principally within the deep overburden or bedrock at depths from 2.4 to 80 m and with average and median depths of 34 and 40 m respectively. Reported well yields ranged from 0 to 180 L/min with average and median yields of 24 and 19 L/min respectively. Only one dry well was recorded.

This information indicates that the area offers favourable hydrogeology in terms of well yields. The deep sand and gravel/upper bedrock aquifer is well protected from shallow contaminant sources by more than 30 m of low permeability clay-dominated strata. Mapping published by the Trent Conservation Coalition Source Protection Committee (TCCSPC, 2018) shows the area being within a zone of low Aquifer Vulnerability.



# 4. Discussion

# 4.1 Servicing Options

Neither municipal water supply nor sewage servicing is available in the vicinity of the subject property. Accordingly, servicing is proposed as a combination of private water supply and private individual septic systems to serve the proposed residential lots. According to the Hierarchy of Servicing Preferences (Provincial Policy Statement D-5 Planning for Sewage and Water Services, s. 2.1.3), the preferred option is full municipal services, and for the use of communal water and sewage systems where full municipal services are not an option. Where neither municipal nor communal services are possible, or where they are unsuited for the site conditions, the use of individual on-site sewage and water services may be considered subject to meeting environmental and public health requirements. For the subject property, the use of communal septic treatment is considered less desirable than a more distributed system consisting of individual septic beds which are less likely to result in hydraulic overloading. Similarly, a distributed water supply system consisting of individual water supply wells is less likely to alter the overall groundwater flow regime than would be the case for a communal water supply system consisting of a single well or well cluster. A final consideration supporting the selection of individual septic systems and water supply systems is the requirement for a municipal responsibility agreement for such systems. This imposes costs and administrative complexities to the municipality with no balancing benefit to the environment. For these reasons, it is our opinion that individual wells and septic systems is the preferred servicing alternative for the proposed development.

# 4.2 Water Availability

Peak residential water demand is determined in accordance with Guideline D-5-5 to be approximately 14 L/min for a three (3) bedroom home and about 19 L/min for a four (4) bedroom home for 120 minutes per day. This is based on the average per capita use of 450 L/day/person as provided in Guideline D 5-5, although this is widely considered an obsolete and unrealistically conservative estimate of Canadian's average daily use (actual per capita residential water use is 225 L/person/day from Municipal Water Use 2009 Statistics for Ontario). Of the four wells tested, two (A319286 and A319297) have yields that substantially exceed the peak residential water demand. Well A319288, with a yield of about 6 L/min, is able to meet the projected peak water demand through a combination of yield and bore storage. Well A319287 (estimated yield 2 L/min) has insufficient yield to meet anticipated residential peak demands without the provision of augmented storage.

The target water supply aquifer is a deep confined system that is not considered vulnerable to seasonal fluctuations in the water table. The long term safe yield for wells sourcing this aquifer can be assessed using Farvolden (1959) who estimated the safe long term yield by applying a safety factor to the stable drawdown level of a well:

Safe yield = Cs(specific capacity) x H (available drawdown) x safety factor (0.7)

Well A3129288 reached a stable drawdown of 9.5 m while being pumped at a rate of 6 L/min. When accounting for the available drawdown and Farvolden's safety factor, we estimate a "safe yield" of approximately 18 L/min. Wells A319286 and A319297 are better performing in terms of yield but no stable drawdown was reached for these wells. We assessed the long term safe yield for these wells using Farvolden's 20-year safe yield method. This assumes that the long-term drawdown would follow the line predicted by the Theis theory for fully confined aquifer. Farvolden defined a "safe rate" of a well as:



$$Q_s = \frac{4\pi T(\frac{H_A}{8})}{23} S_f = 0.683 T H_A S_f$$
 [1]

Where,

Q = "safe" pumping rate (m<sup>3</sup>/day);

 $H_A$  = available drawdown = (depth to top of aquifer – depth to static water level)

T = effective transmissivity, and

 $S_f$  = a safety factor for which Farvolden used 0.70

Applying Equation 1 to Well A319297 indicates a long term safe yield of approximately 65 L/min. The total drawdown observed in Well A319286 makes the estimation of transmissivity difficult but the long term safe yield for this well is higher than that calculated for A319297.

## 4.3 Water Quality

Untreated water quality samples were collected from each of the test wells at the end of each individual pumping test. A sample was collected 5 hours into the Pumping tests on A319286, A319288 and A319297, and 1-hour into pumping test on A319287. The wells were not chlorinated prior to testing except for a small amount of commercial bleach added immediately before the initiation of pumping to disinfect the pump and discharge lines. No chlorine was added to A319287 prior to pumping as a 6-hour pumping test was not anticipated based on the well yield described in the well record. Samples were submitted to Caduceon Laboratories in Kingston, Ontario. Analytical parameters included E. coli and total coliform bacteria, pH, total hardness, total alkalinity; calcium, magnesium, sodium; potassium; iron, manganese; chloride; sulphate; nitrate (NO<sub>3</sub>-N); nitrite (NO<sub>2</sub>-N); conductivity; dissolved organic carbon, tannins and lignins; and a variety of additional parameters. Results were compared to the ODWS. Laboratory certificates of Analysis are included in Appendix C and summarized in Table 4.

Table 4: Test Wells - Water Quality Summary

Parameter	Units	ODWS	A319286 (Lot 37)	A319288 (Lot 7)	A319297 (Lot 44)	A319287 (Lot 4)
Total Coliform	cfu/100mL	0 (<5)	0	0	0	NDOGT 1
E coli	cfu/100mL	0	0	0	0	NDOGT
pH @25°C	pH Units	6.5:8.5 (A/O)	7.53	8.02	8.14	8.43
Colour	mg/L	5 (A/O)	< 2	< 2	< 2	< 2
Turbidity	mg/L	5 (A/O)	2.3	7.3	1.5	64.9
Fluoride	mg/L	1.5 (MAC)	< 0.1	0.3	0.2	0.4
Chloride	mg/L	250 (A/O)	1.7	66.3	105	149
Nitrite (N)	mg/L	1 (MAC)	< 0.1	< 0.1	< 0.1	< 0.1
Nitrate (N)	mg/L	10 (MAC)	< 0.1	< 0.1	< 0.1	< 0.1
Sulphide	mg/L	0.05	<0.01	<0.01	0.01	<0.05
Sulphate	mg/L	500 (A/O)	9	1	<1	<1
Organic Nitrogen	mg/L	0.15 (OG)	< 0.1	9.8	0.8	0.3



Parameter	Units	ODWS	A319286 (Lot 37)	A319288 (Lot 7)	A319297 (Lot 44)	A319287 (Lot 4)
Dissolved Organic Carbon	mg/L	5 (A/O)	3.4	0.5	0.3	0.6
Hardness (as CaCO <sub>3</sub> )	mg/L	80:100 (OG)	165	159	180	90
Copper	mg/L	1 (A/O)	< 0.002	< 0.002	< 0.002	< 0.002
Iron	mg/L	0.3(A/O)	0.126	0.356	0.255	6.94
Magnesium	mg/L		19.4	19.4	23.5	11.5
Manganese	mg/L	0.05(A/O)	0.029	0.01	0.008	0.209
Sodium	mg/L	200 (A/O)	9.5	51.5	77.8	71.6
Zinc	mg/L	5 (A/O)	< 0.005	0.009	< 0.005	0.085

#### NOTES:

NDOGT - Overgrown with bacteria cannot be quantified

ODWS - Ontario Drinking Water Quality Standards from the Ontario Safe Drinking Water Act, 2002

MAC - Maximum Acceptable Concentration (health-related)

A/O - Aesthetic chemical/physical Objectives (not health-related)

**Bold** – exceeds MAC or A/O

Water quality on the site meets all health-related ODWS parameters except for total coliform bacteria which exceeded the Ontario Drinking Water Standard (non detectable) as well as the less than 5 cfu/100 mL limit used by D-5-5 for test well A319287. The apparent detection of E. coli at that location is due to the plate overgrowth and E. coli are unlikely to be present. Concentrations of sodium were greater than the 20 mg/L level above which people with sodium restricted diets should be advised for wells A319287, A319288 and A319297. Well A319287 had significant exceedances of the aesthetic objective for, manganese and iron which may cause blackening/browning of water, laundry and fixtures. The aesthetic objective for turbidity was marginally exceeded for A319288 and greatly exceeded for A319287. Turbidity levels in A319288 should decrease with further well development. All other aesthetic exceedances are easily treatable and not considered to be problematic. All wells except for A319287 yielded water that is considered potable.

#### 4.4 Potential for Well Interference

During the pump tests, monitoring was carried out for the four on-site water supply wells (A319286, A319287, A319288, and A319297) and three 50 mm diameter monitoring wells (BH-4, BH-7 and BH-10) were monitored. Off-site wells at 3988 Frost Ave (A032997) and 3964 Ganaraska Road (A147474) were also instrumented as observation wells to test for possible interference.

No change in water levels attributable to the pumping tests was observed in any of the observation wells for any of the tests except A319297. The test pumping of A319297 generated a drawdown of 1.46 m in A319287 (distance 224 m), a drawdown of 2.98 m in the observation well at 3964 Ganaraska Road (distance 24 m), and a drawdown of 2.56 m in the observation well at 3988 Frost Ave (distance 134 m). No effects were seen on the three shallow aquifer observation wells (BH-4, BH-7, and BH-10).



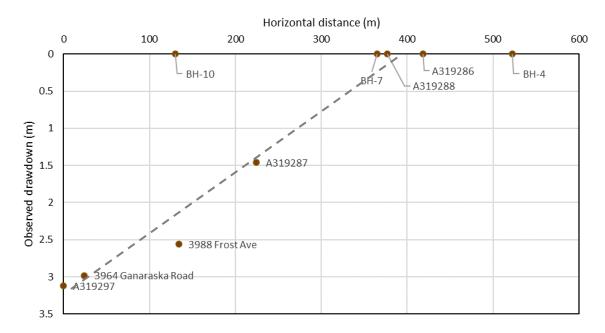


Figure 1 – Distance vs. Drawdown for Well A319297

These results are typical for a transmissive confined aquifer system where pumping results in a near-instantaneous depressurization of the system. The observed drawdowns suggest a radius of influence of about 400 m and a similar behaviour is hypothesized for Well A319286 although its drawdown was too small for effects to be realistically observable in distant observation wells.

The potential for well interference under long term pumping was also assessed by determining the zone of influence for a hypothetical well pumping at an average rate (Q) of 1,000 L/day (typical of an average residential daily water demand). The radius of influence (R) may be estimated using the estimated steady-state value for Q and the average recharge (r) to the aquifer according to:

$$Q = \frac{\pi R^2}{365} r$$

Which yields a radius of influence of about 25 m based on the estimated recharge of 260 mm/a. This radius of influence is unrealistically small since the amount of recharge reaching the deeper aquifer will be lower than the primary amount of infiltration but taking all 44 proposed lots, we derive a necessary infiltration rate of less than 100 mm in order for on-site recharge to equal the amount of water taken from the hypothetical wells. This is far lower than the published estimates of recharge rates across the Oak Ridges Moraine.



To provide an additional assessment of the potential for interference between wells, we first used the Theim equation for a confined aquifer to determine the effective transmissivity of the aquifer in the vicinity of Well A319297<sup>1</sup>:

$$T = \frac{Q}{2\pi(s_1 - s_2)} ln\left(\frac{r_2}{r_1}\right)$$
 [2]

Where,

Q = pumping rate  $(m^3/day)$ ;

T = aquifer transmissivity (m<sup>2</sup>/day),

 $S_1$  = observed drawdown at observation well 1 (m)

 $S_2$  = observed drawdown at observation well 2 (m)

 $r_1$  = distance to observation well 1 (m)

 $r_2$  = distance to observation well 2 (m)

Since the values for Q, s and r are known, we can use Equation 2 to solve for T.

Using the derived value for transmissivity (7 m²/day), the lateral extent of groundwater level drawdown with time can be estimated Applying the Theis analytical solution, as follows:

$$s(r,t) = \frac{Q}{4\pi T} W\left(\frac{r^2 S}{4Tt}\right)$$
 [3]

where s(r,t) = drawdown at distance (r) and time (t = 20 years or 7300 days) after the start of pumping, and

Q = average pumping rate for 44 houses (44 m³/day);

T = aquifer transmissivity (7 m<sup>2</sup>/day);

S = aguifer storativity (an estimate of 0.01); and

W = Theis well function.

Under these assumptions the pumping of 44 m³/day for 20 years yields a maximum drawdown of 3 m at 200 m. This estimate is roughly 10% of the available drawdown in a hypothetical nearby well and would not be expected to significantly affect water supplies in the lands surrounding the proposed development. Therefore, we conclude that the site may be serviced by individual drilled water supply wells with little risk of causing interference with offsite wells.

# 4.5 Potential for Ecological Effects from Water Takings

No intake protection zone, wellhead protection area, or Provincially Significant Wetland areas are known to occur within the estimated radius of influence. Therefore, the potential for any direct adverse impacts to ecological features is mostly limited to effects on baseflow to the North Ganaraska River since precipitation infiltrating on the site ultimately contributes to baseflow in the river. Groundwater

<sup>&</sup>lt;sup>1</sup> Well A319286 was not analyzed because of its extremely high yield and limited drawdown. Well A319288 was not analyzed since we observed no drawdown in observation wells while test pumping this well.



discharge contribution during periods of time without precipitation and during critical summer low-flow periods is essential in sustaining the ecological and hydrological integrity of these cold water streams.

For the proposed development, the use of the deep confined aquifer system for water supply and the shallow sandy loam soils as the receiver for septic system effluent will result in a net increase in baseflow to the river proximal to the site although the increase will be insignificant and may be partially offset by reduced stormwater recharge unless the stormwater management plan is designed to preserve pre-development recharge rates across the site. The North Ganaraska River in the area adjacent to the site is impounded by a dam and does not provide suitable spawning habitat for sensitive cold water species such as brook trout (*Salvelinus fontinalis*) which require upwelling groundwater flow through streambed gravels for spawning.

Cumulative effects are those likely to result from the current project in combination with other activities that have been carried out in the past or that are reasonably foreseeable in the future. For example, the destruction of a small area of habitat might be acceptable if taken in isolation but unacceptable if the surrounding habitat areas are already earmarked for drastic alteration. Ganaraska River watershed assessment report characterizes the stress levels as "low" under both existing and future development scenarios for both groundwater and surface water. We therefore conclude that the potential for water takings to cause adverse ecological effects remains low when cumulative effects are taken into consideration.

## 4.6 Onsite Sewage Treatment

Environmental impacts to groundwater from private sewage works are typically assessed under the MECP's Guideline entitled "Technical Guideline for Individual On-site Sewage Systems: Water Quality Impact Risk Assessment", dated August 1996 (Guideline D-5-4). Under D-5-4 minimum lot size is determined by a three-step process which can be simplified as follows:

- 1. Lots greater than 1 hectare no study needed
- 2. System isolation no study needed

If nether 1 nor 2 apply, then nitrate loading is normally used to determine minimum lot size (Step 3).

System isolation normally refers to the vertical separation between a receiving aquifer and a water supply aquifer although areas with full municipal water servicing would also qualify under system isolation criteria

"When it has been demonstrated that the sewage effluent will not enter supply aquifers, the lot density of the proposed development may be dictated by factors such as the need for sewage system replacement areas (i.e., contingency area), and by the minimum distances between individual on-site beds and wells, as defined by Ontario Regulations 358 and 903".

Based on the presence of a thick low-permeability stratum of clay-dominated soils between the shallow soils and the deep confined aquifer system, we consider system isolation to be applicable to this site. Under such conditions, the minimum lot size is governed by the requirements of the Ontario Building Code plus a 100% reserve area (i.e., twice as much land as needed for a septic system excluding the mantle if required). In this case, the loading factors contained in Table 8.7.4.1. of the Ontario Building Code provide a conservative basis for this calculation. Using the lowest loading factor of 6 to 8 L/m², a 4-bedroom home would generate a daily design sewage flow of 2,000 L/day which would require an area of between 250 and 335 m² (or 300 to 500 m² assuming a filter bed system and including reserve



area). Septic systems must be constructed in accordance with Section 8 of the Ontario Building Code and must meet the following setback distances:

**Table 5: Minimum Clearances for Distribution Piping** 

Object	Minimum Setback (m)
Structure	5
Well with a watertight casing to a depth of 6 m	15
Any other well	30
Pond	15
Stream	15
Property Line	3

The proponent has made calculations showing that the proposed lots are large enough to accommodate septic systems while meeting these setback distances (see the conceptual lot layout in Appendix E). We therefore conclude that the proposed lots are large enough to accommodate private individual septic systems in accordance with the Ontario Building Code. The apartment structure proposed for Lot 44 will likely fall under Provincial jurisdiction and will require an Environmental Compliance Approval. Details for servicing this proposed lot are dependent on the outcome of preapplication consultations with the MECP.

# 5. Summary and Recommendations

This report presents the results of a hydrogeological assessment for a proposed residential development planned for the south portion of a 30.5 ha property located in the Hamlet of Garden Hill, Ontario. The study was carried out in general accordance with the Ministry of the Environment, Conservation and Parks (MECP) Procedure D-5-4 (Individual On-Site Sewage Systems) and Procedure D-5-5 (Private Wells: Water Supply Assessment). Our assessment found the following:

- 1. The preferred servicing alternative is private individual groundwater wells for water supply and individual septic systems for sewage treatment/disposal.
- 2. The proposed development site is underlain by shallow sandy loam soils that are considered suitable to accommodate private individual septic systems.
- 3. The site is underlain by a confined deep overburden and bedrock aquifer system that is protected from shallow contaminant sources by more than 30 m of low-permeability clayey strata.
- 4. The deep confined aquifer system is able to yield sufficient quantities of potable water to meet anticipated residential water demands for the proposed residential lots based on testing carried out as part of this study. Review of the MECP water wells database for the area also shows suitable yields for residential water supply.
- 5. The deep confined overburden and bedrock aquifer system is recommended for future water supply wells. Use of this aquifer is mandatory for the proposed development if lot density is to rely on system isolation.
- 6. Well interference is not anticipated to be a concern based on the results of the assessment and the characteristics of the deep overburden aquifer.



7. No adverse effects to ecological features (with particular emphasis on the cold-water fish habitat of the North Ganaraska River) are predicted.

In summary, our findings are favourable for the planned residential development of the subject lands. We note that three of the four test wells yielded sufficient quantities of potable water while the fourth well was inadequate in terms of both yield and quality. The following specific recommendations are offered:

- Well A319287 did not produce sufficient yield to meet anticipated residential uses. This well also generated groundwater that did not meet Ontario Drinking Water Standards or the requirements of MECP Guideline D-5-5. This well should be abandoned by a licensed well contractor in accordance with O.Reg. 903.
- 2. The proposed lot density is supportable by individual groundwater wells for water supply and individual septic systems for sewage treatment/disposal. However, the lots are small and meeting regulatory setback distances plus a reserve area will limit the areas where wells can be drilled. If the development proceeds using the proposed lot density, we recommend that a viable well be established on each lot before that lot can be made available for sale.

All of which is respectfully submitted.

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#### NOTES:

Base drawing and information: obtained from the Ontario Ministry of Natural Resources and Forestry (MNRF); "Make a Map" Natural Heritage Areas; https://www.gisapplication.lrc.gov.on.ca/, accessed April 2021

LEGEND:



**TEST WELL** 



**OBSERVATION WELL** 

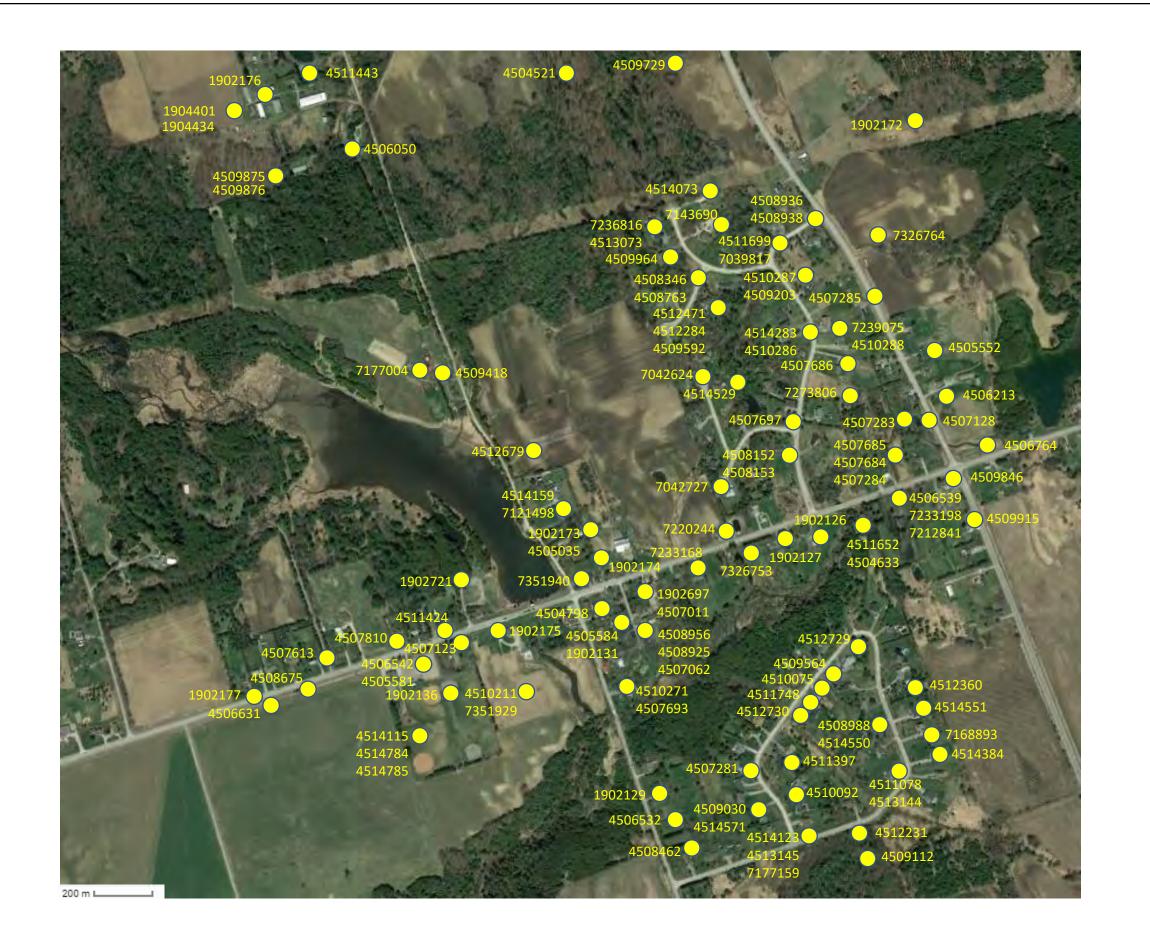


PROJECT 2138438:

PROPOSED RESIDENTIAL DEVELOPMENT – GARDEN HILL, ONTARIO

SITE PLAN SHOWING TEST AND OBSERVATION WELLS





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FAX: 613-966-3087

#### NOTES:

 Base drawing and information: obtained from the Ontario Ministry of Natural Resources and Forestry (MNRF); "Make a Map" Natural Heritage Areas; <a href="https://www.gisapplication.lrc.gov.on.ca/">https://www.gisapplication.lrc.gov.on.ca/</a>, accessed April 2021

LEGEND:

MECP Water Well Record (Location as per MECP database)

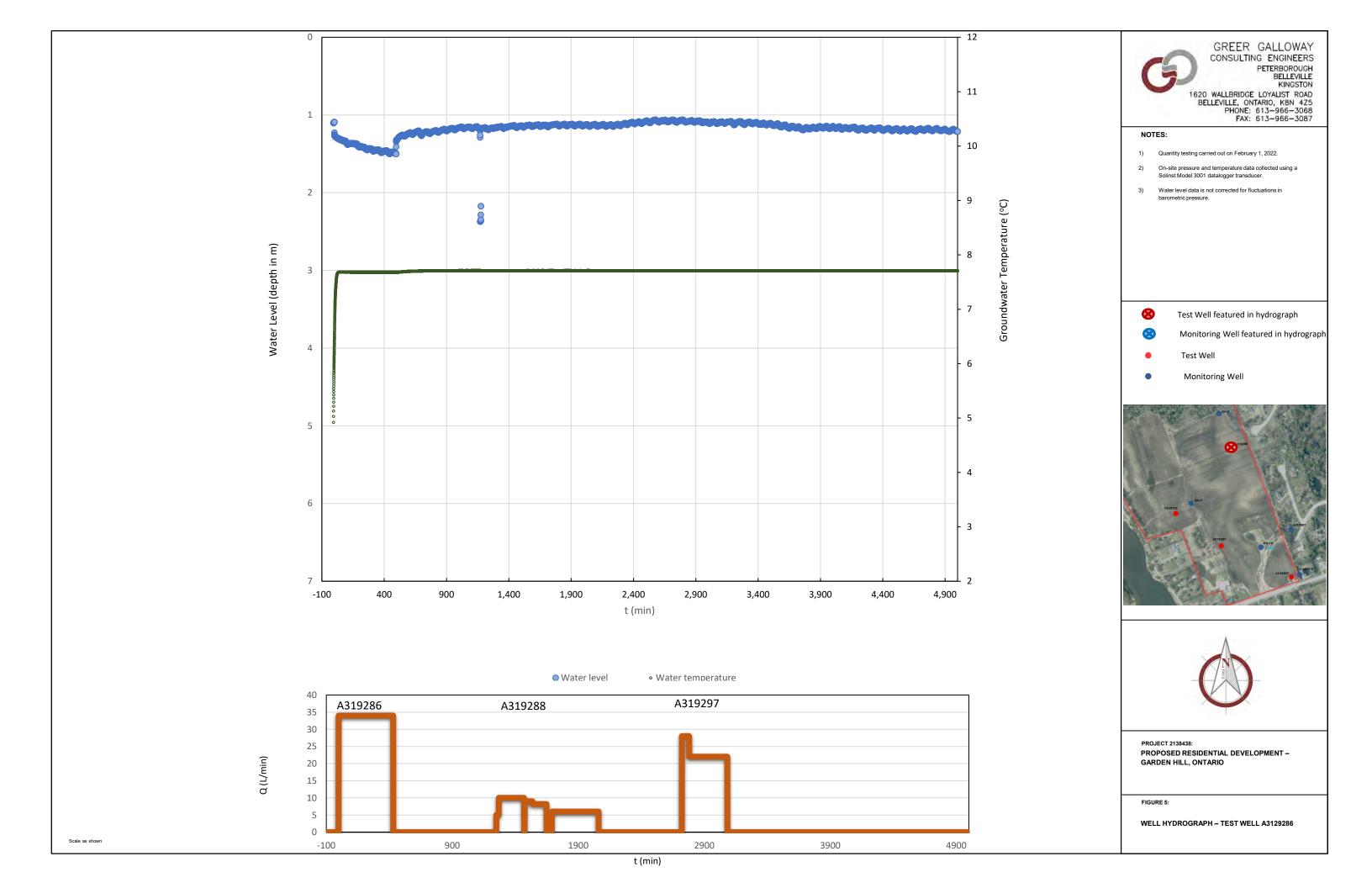


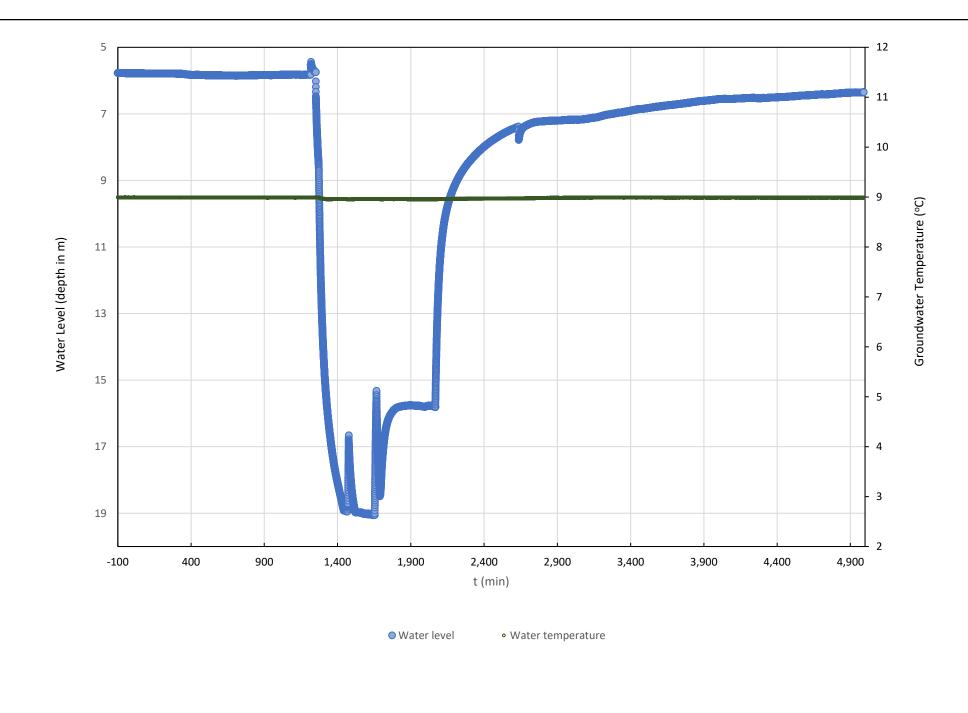
PROJECT 2138438:

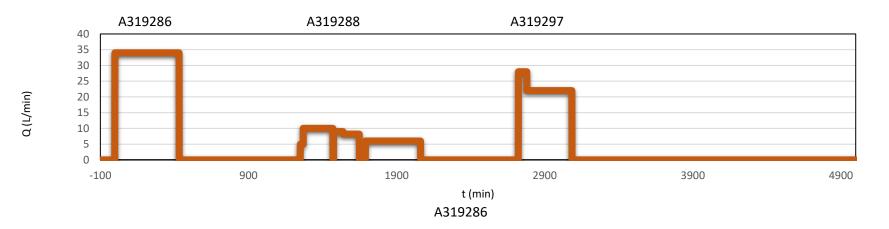
PROPOSED RESIDENTIAL DEVELOPMENT – GARDEN HILL, ONTARIO

IGURE 4:

SITE PLAN SHOWING SURROUNDING MECP WELL RECORDS









#### NOTES:

- Quantity testing carried out on February 2, 2022.
- On-site pressure and temperature data collected using a Solinst Model 3001 datalogger transducer.
- Water level data is not corrected for fluctuations in barometric pressure.

- Test Well featured in hydrograph
- Monitoring Well featured in hydrograph
- Test Well
- Monitoring Well



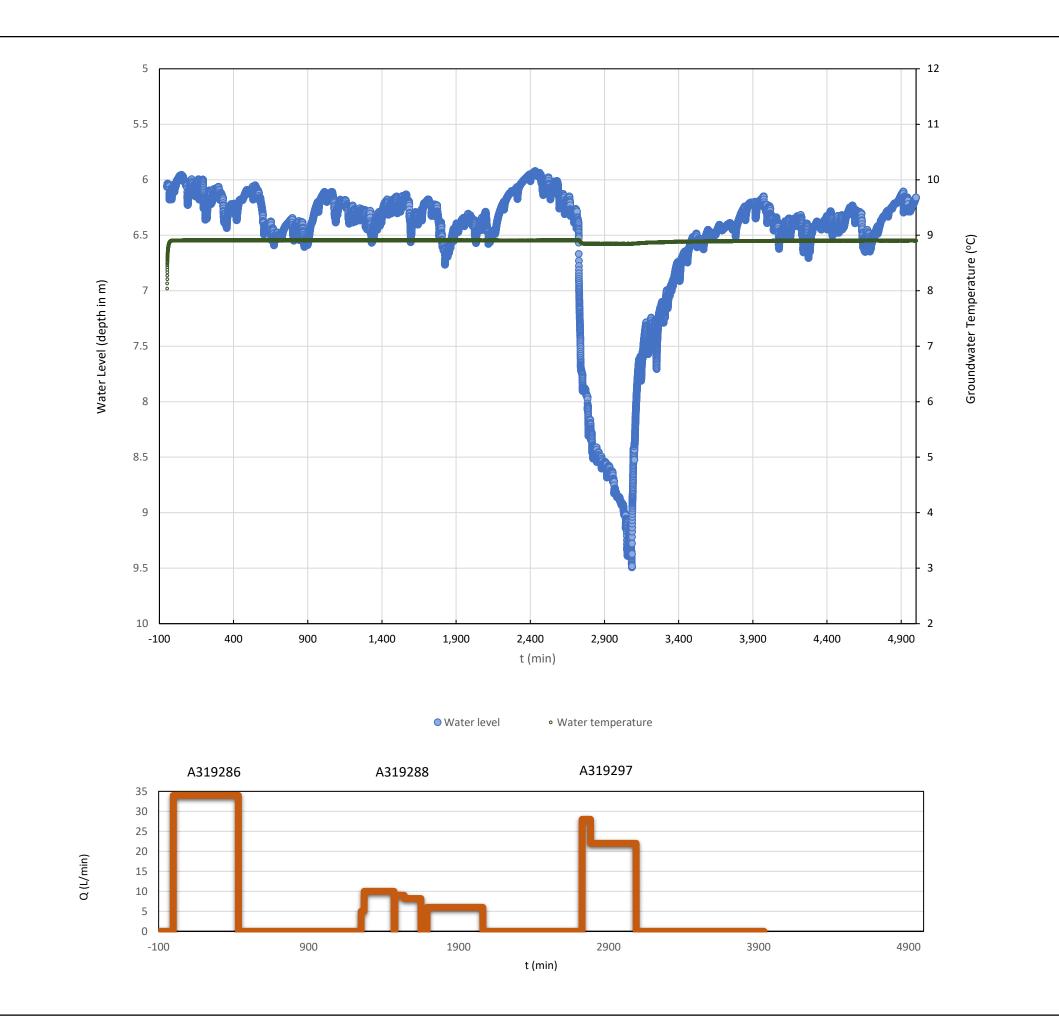


PROJECT 2138438:

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FIGURE 6:

WELL HYDROGRAPH - TEST WELL A3129288



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#### NOTES:

- ) Quantity testing carried out on February 3, 2022.
- On-site pressure and temperature data collected using a Solinst Model 3001 datalogger transducer.
- Water level data is not corrected for fluctuations in barometric pressure.

- Test Well featured in hydrograph
- Monitoring Well featured in hydrograph
- Test Well
- Monitoring Well



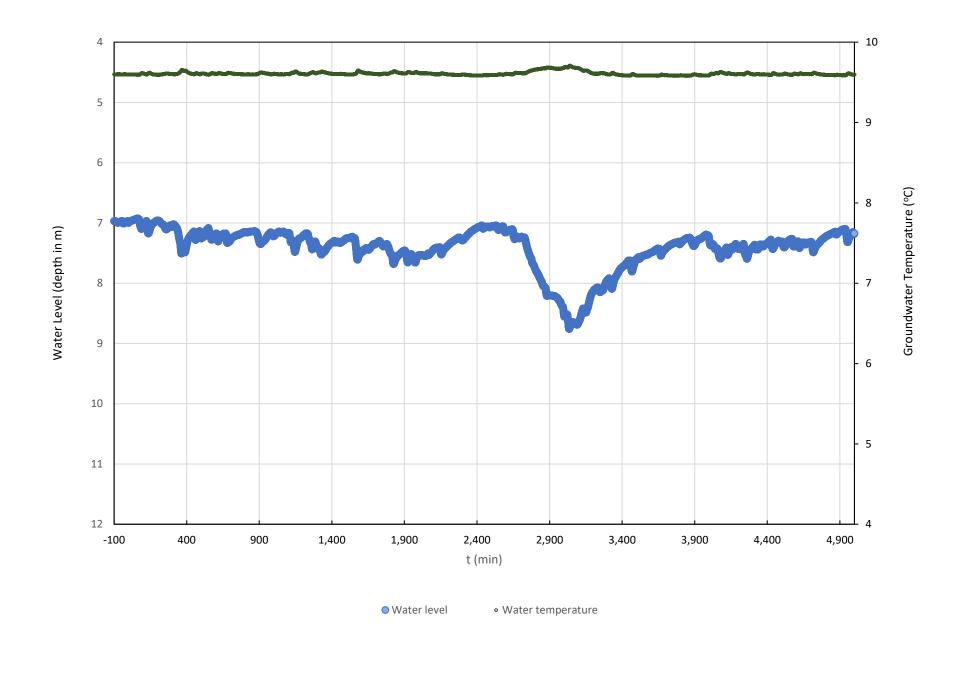


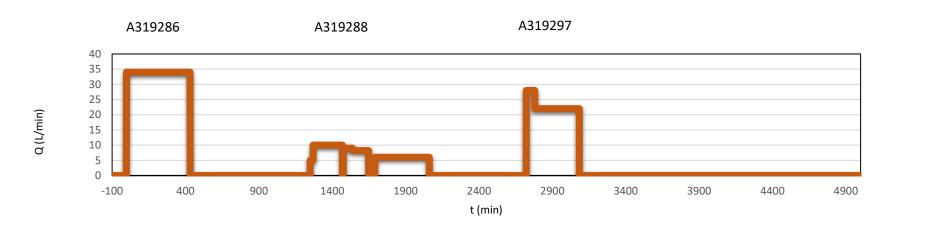
PROJECT 2138438:

PROPOSED RESIDENTIAL DEVELOPMENT –
GARDEN HILL, ONTARIO

FIGURE 7:

WELL HYDROGRAPH - TEST WELL A319297







#### NOTES:

- Quantity testing carried out on February 1 to 3, 2022.
- On-site pressure and temperature data collected using a Solinst Model 3001 datalogger transducer.
- Water level data is not corrected for fluctuations in barometric pressure.

- Test Well featured in hydrograph
- Monitoring Well featured in hydrograph
  - Test Well
- Monitoring Well



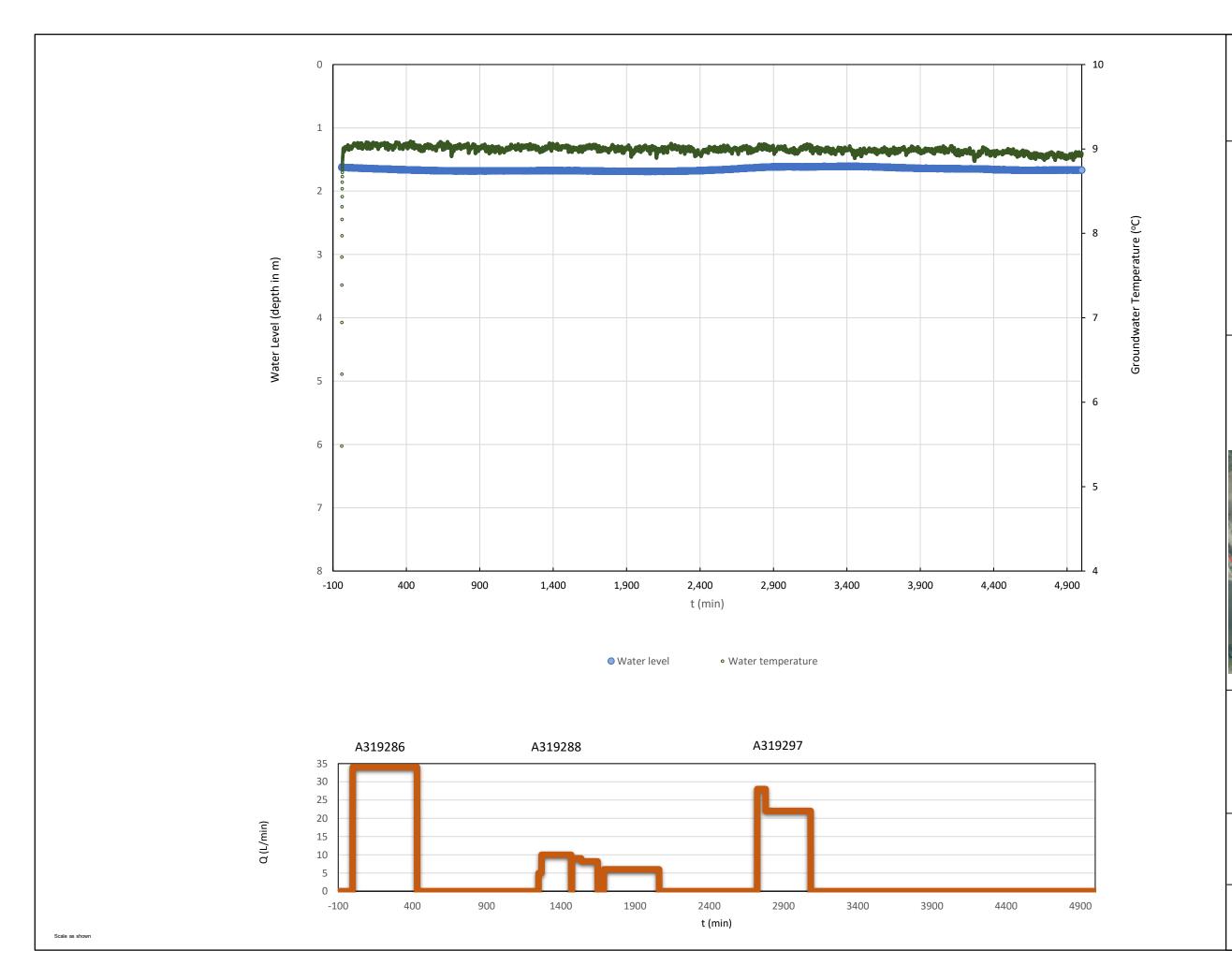


PROJECT 2138438:

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FIGURE 8:

WELL HYDROGRAPH - MONITORING WELL A319287



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#### NOTES:

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- Water level data is not corrected for fluctuations in barometric pressure.

- Test Well featured in hydrograph
- Monitoring Well featured in hydrograph
- Test Well
- Monitoring Well



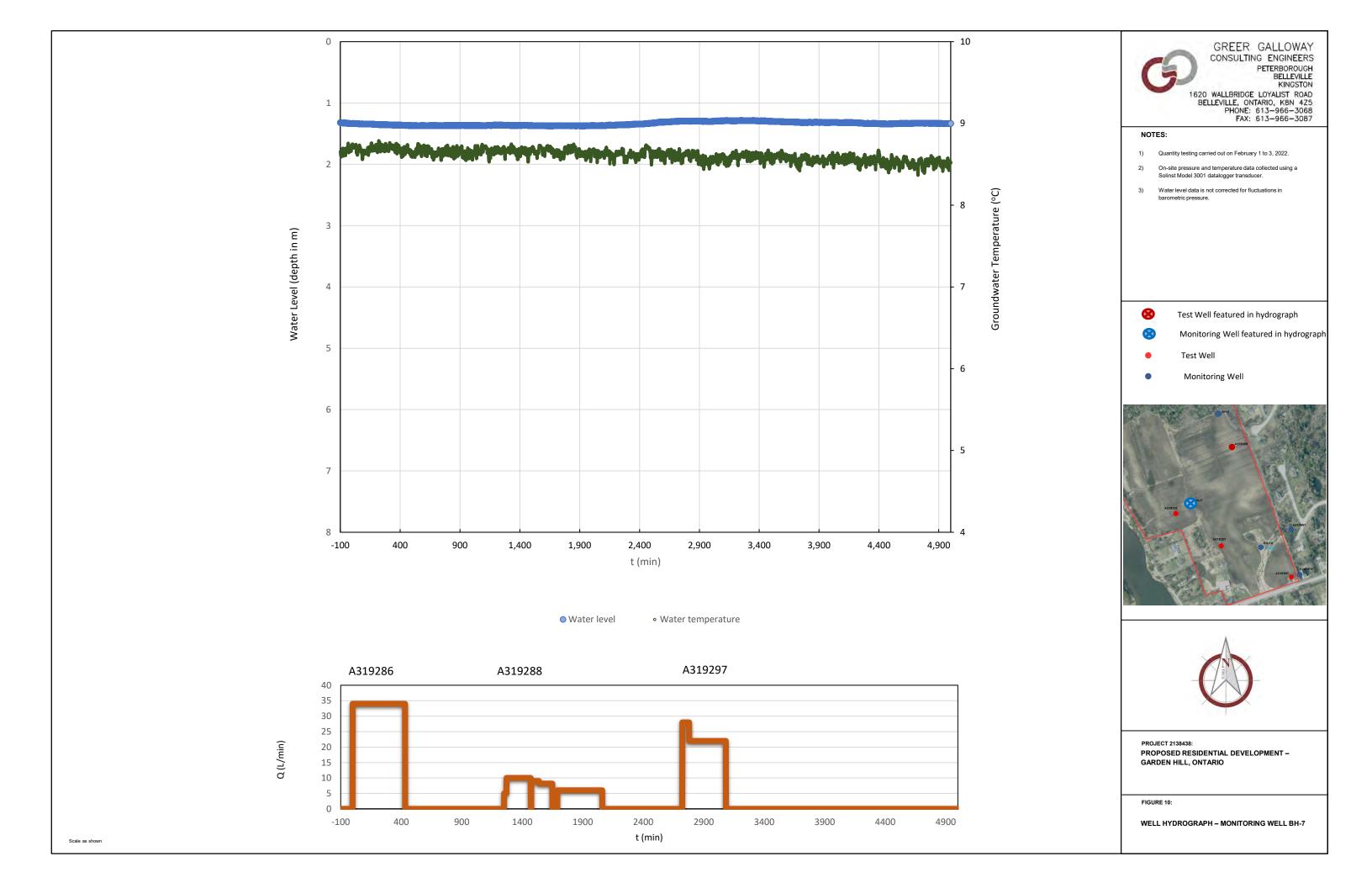


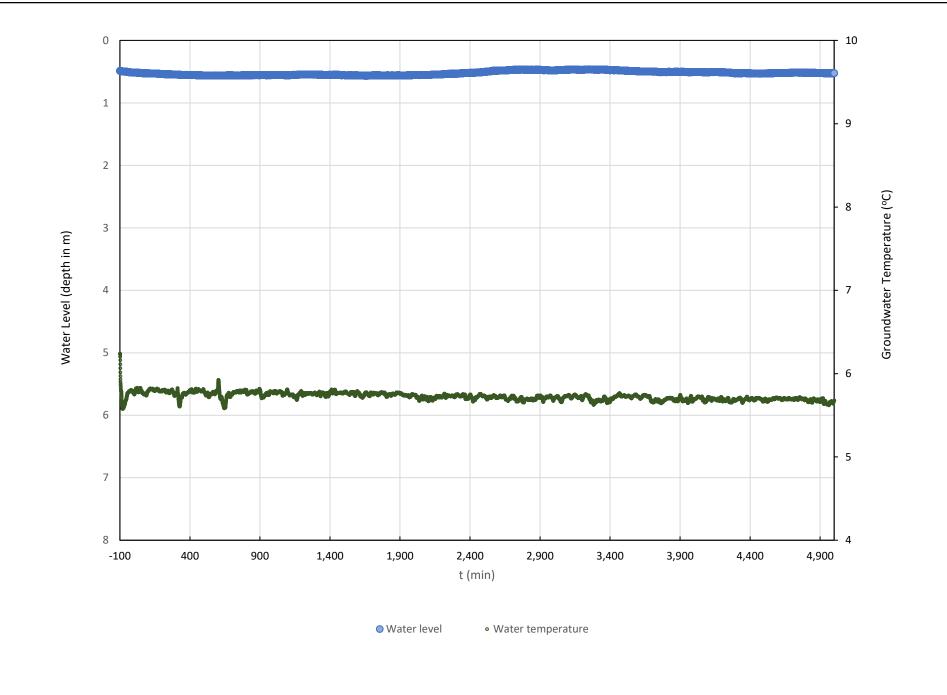
PROJECT 2138438:

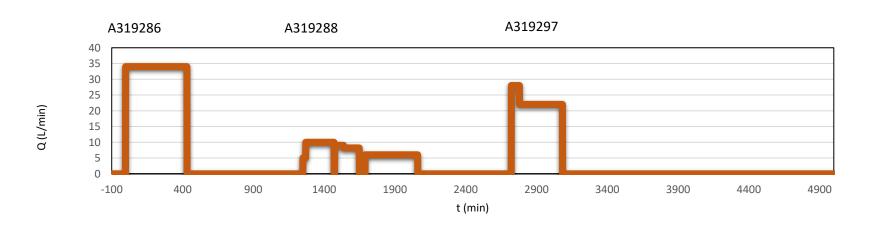
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SURE 9:

WELL HYDROGRAPH - MONITORING WELL BH-4





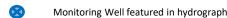




#### NOTES:

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- On-site pressure and temperature data collected using a Solinst Model 3001 datalogger transducer.
- Water level data is not corrected for fluctuations in barometric pressure.





Test Well

Monitoring Well



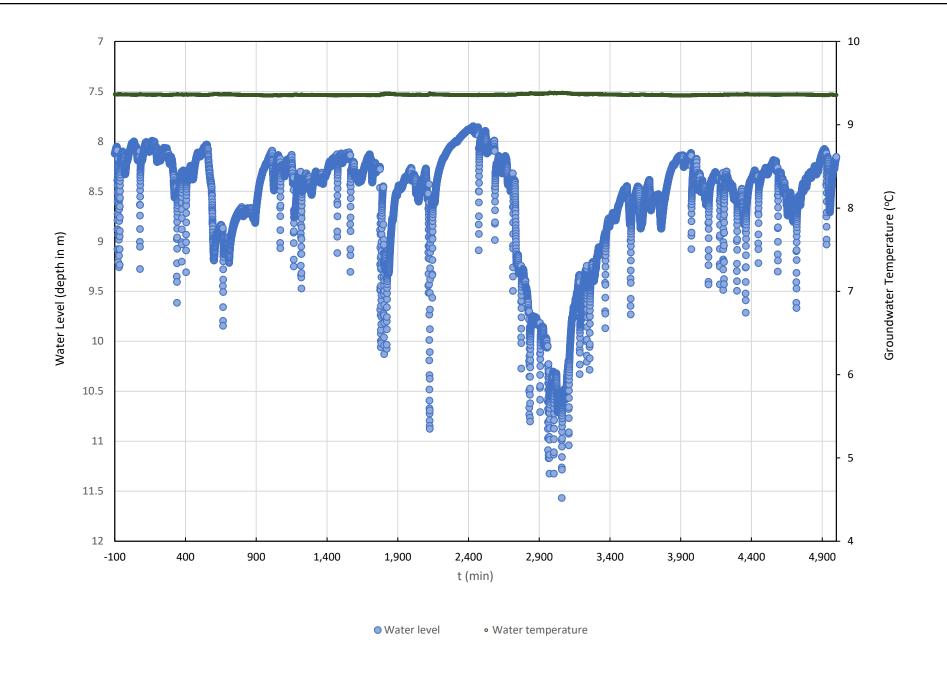


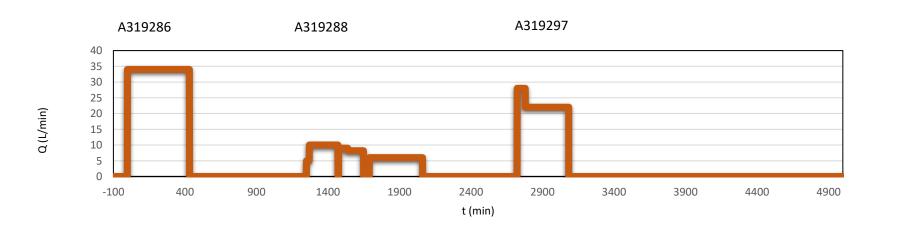
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GARDEN HILL, ONTARIO

FIGURE 11:

WELL HYDROGRAPH - MONITORING WELL BH-10





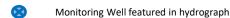


GREER GALLOWAY CONSULTING ENGINEERS PETERBOROUGH BELLEVILLE KINGSTON 1620 WALLBRIDGE LOYALIST ROAD BELLEVILLE, ONTARIO, K8N 4Z5 PHONE: 613-966-3068 FAX: 613-966-3087

#### NOTES:

- Quantity testing carried out on February 1 to 3, 2022.
- On-site pressure and temperature data collected using a Solinst Model 3001 datalogger transducer.
- Water level data is not corrected for fluctuations in





Test Well

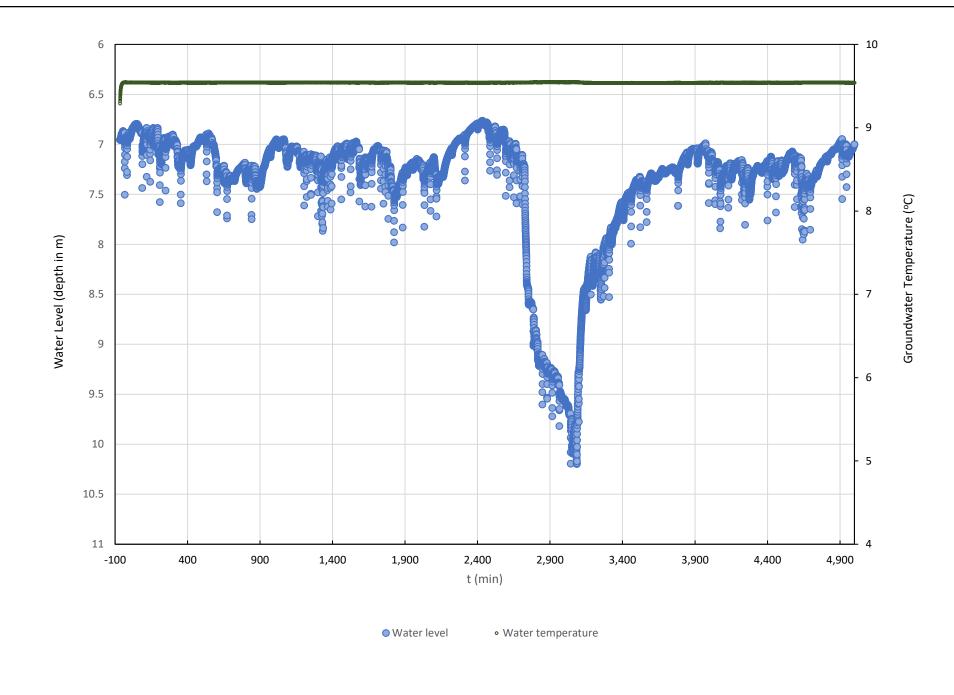
Monitoring Well

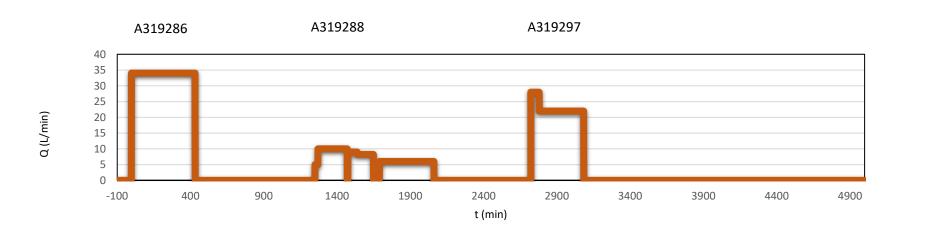




PROJECT 2138438: PROPOSED RESIDENTIAL DEVELOPMENT -GARDEN HILL, ONTARIO

WELL HYDROGRAPH - MONITORING WELL A032997 3988 FROST AVE

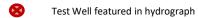


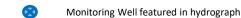


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- Water level data is not corrected for fluctuations in
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Test Well

Monitoring Well



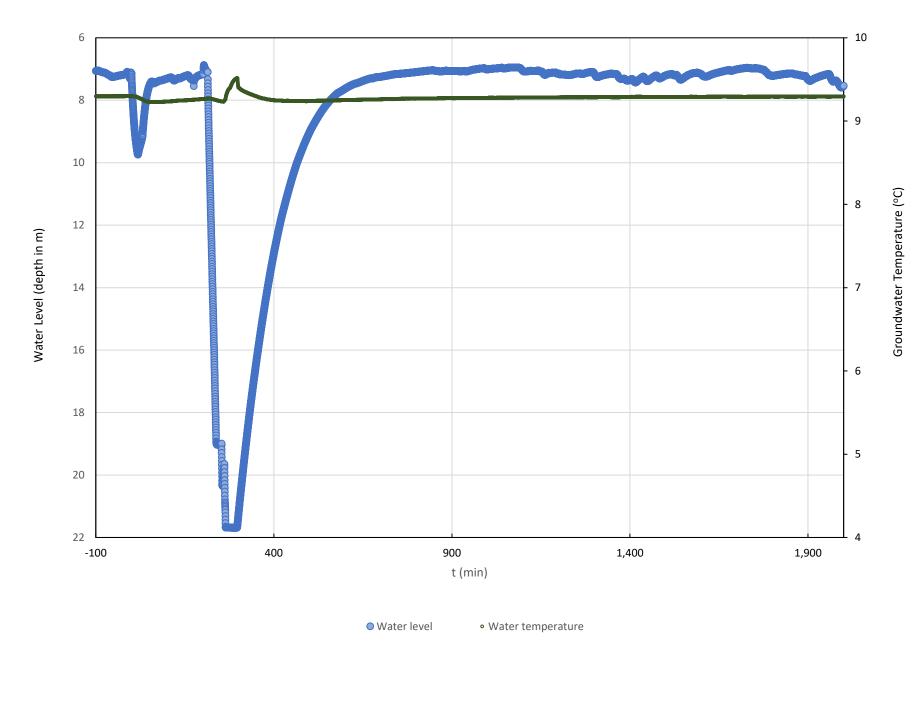


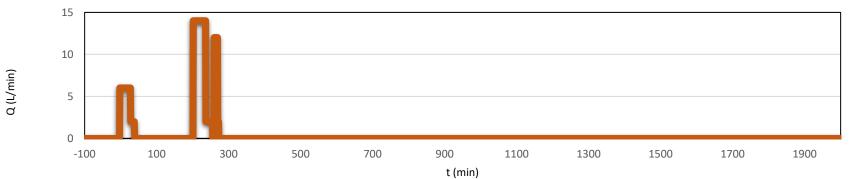
PROJECT 2138438:

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GURE 13:

WELL HYDROGRAPH – MONITORING WELL A147474 3964 GANARASKA ROAD



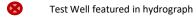




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FAX: 613–966–3087

#### NOTES:

- 1) Quantity testing carried out on March 16, 2022.
- On-site pressure and temperature data collected using a Solinst Model 3001 datalogger transducer.
- Water level data is not corrected for fluctuations in barometric pressure.





Test Well

Monitoring Well





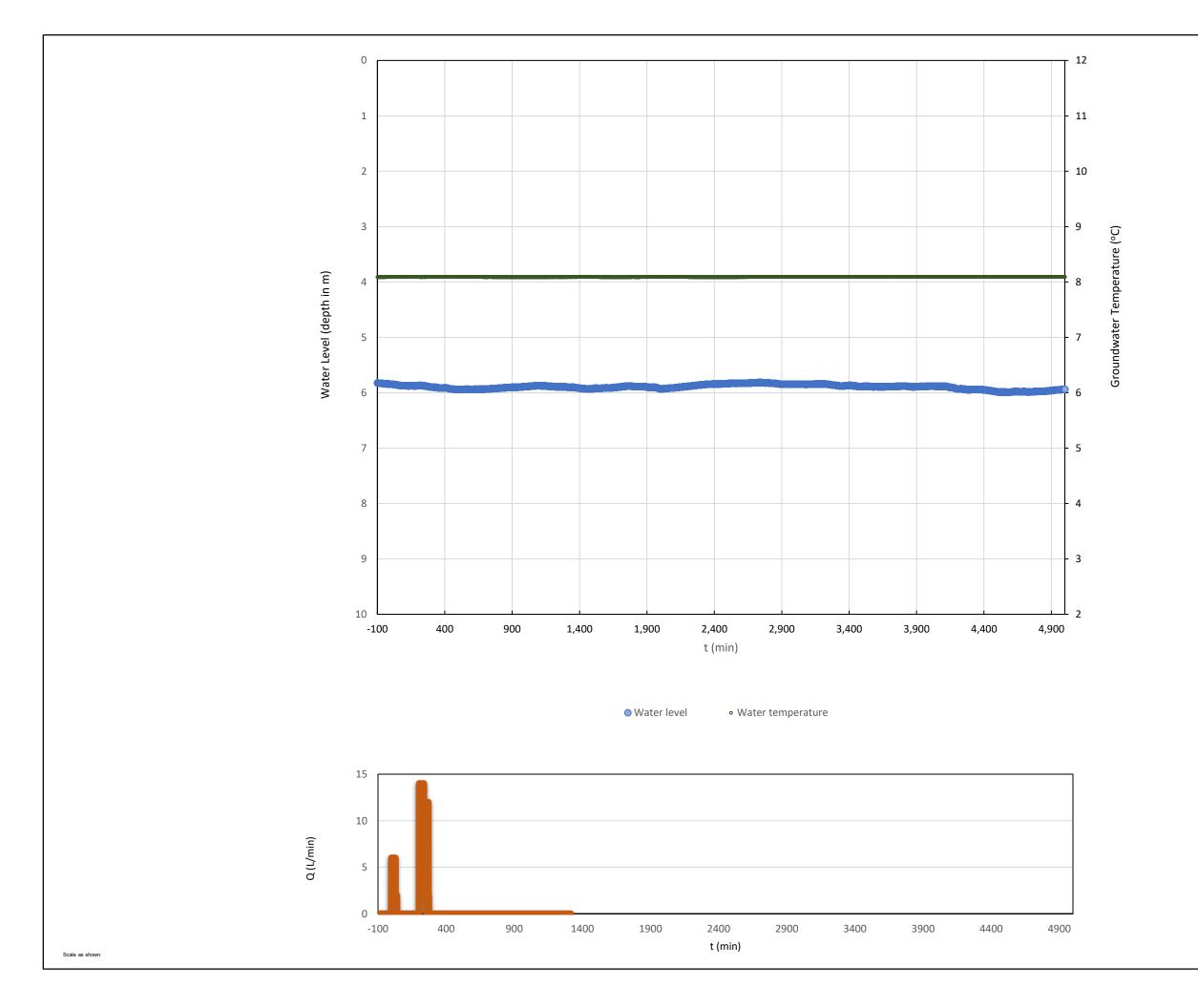
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FIGURE 14:

WELL HYDROGRAPH - TEST WELL A319287

Scale as shown



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- Test Well featured in hydrograph
- Monitoring Well featured in hydrograph
- Test Well
- Monitoring Well



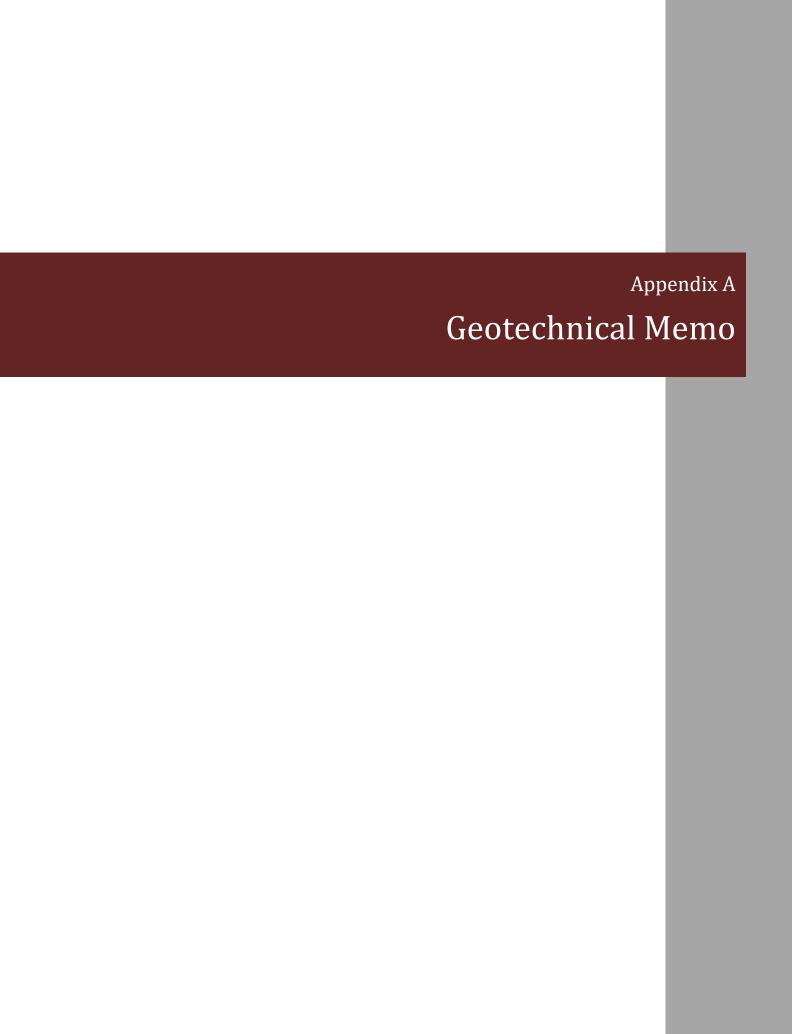


PROJECT 2138438:

PROPOSED RESIDENTIAL DEVELOPMENT –
GARDEN HILL, ONTARIO

FIGURE 15:

WELL HYDROGRAPH - MONITORING WELL A319288



# terraspec engineering inc.

geotechnical engineers and materials testing

973 Crawford Drive Peterborough, Ontario K9J 3X1

May 6, 2021

The Greer Galloway Group Inc. 1620 Wallbridge Loyalist Road Belleville, Ontario K8N 4Z5

Re: Geotechnical Report for 3852 Ganaraska Road, Garden Hill Project No. 21-3-8438

### **General Site Data**

The project site is located at 3852 Ganaraska Road, in the village of Garden Hill, Ontario. Development of a new residential subdivision is contemplated for the site. A schematic site plan indicating the extent of the property has been appended to this report.

Phone: (705) 743-7880 Fax: (705) 743-9592

## Investigation

A soils investigation was conducted for the property on April 27, 2021. Twelve exploratory boreholes were placed on site using a track-mounted drill rig. Soil laboratory testing consisted of moisture content determination and grain size analysis. The borehole logs and laboratory testing data have been appended to this report. The borehole locations have been indicated on the appended schematic site plan.

#### **Soil Conditions**

The site is located within a physiographic region identified as sand plains. The bedrock in this area is identified as limestone of the Trenton Group. The project location typically contains relatively deep depths of predominantly silty subsoils.

The typical soil layers encountered on site were as follows:

silty topsoil silty sand sandy silt silt with sand clay silt

The original ground elevations of the boreholes have been summarized as follows.

Borehole	Ground Elevation	<b>Encountered Water Elevation</b>
1	180.7209	177.7209
2	180.4504	179.2504
3	185.2678	183.7878
4	188.0006	186.5506
5	179.7574	178.1574
6	185.6409	184.2409
7	181.0259	179.5259
8	187.2381	
9	178.9998	176.8998
10	176.6654	174.5654
11	177.3232	
12	177.7219	174.0219

The project site is currently undeveloped and is used for growing crops such as corn.

There is a forested area on the north side of the property that contains short ridges, gullies, and creeks. It is possible that this area could be retained as a green space.

The topsoil depths were generally 200mm thick.

There was often perched water within the silty sand, sandy silt, and sand with silt subsoils, hence, these soils can readily become spongey when disturbed, even when recompacted. The soil density was typically loose to compact. The underlying clay silt subsoils were typically in a moist and compact condition. The susceptibility to frost action for all subsoils was generally rated as high.

Bedrock was not encountered in any of the boreholes.

Groundwater was typically encountered at depths of 1.0 to 2.0m below surface. Monitoring wells were installed at Boreholes 4, 7, and 10. The water levels were significantly higher when measured after the rainfall that occurred on April 29 and May 3. The well construction consisted of 3m of 10slot screen with sand fill, and 1.5-3m of pipe casing, sealed at the top with bentonite fill, and fitted with a lockable steel monument cap. The well pipe material consisted of 50 mm diameter flush-threaded schedule 40 PVC pipe, with rubber Oring seals to prevent leakage.

## **Permeability**

The percolation rates of the subsoil types have been estimated as follows:

silty sand	T = 25  min/cm
sandy silt	T = 30  min/cm
silt with sand	T = 40  min/cm
clay silt	T = 50  min/cm

## **OHSA Soil Types**

The subsoils present on site can be classified as Type 3 soils. The Type 3 soils will behave as Type 4 collapsing soils, even with small amounts of perched water seepage, or where the groundwater elevation is contacted. The subsoils should be treated as Type 4 soils for any construction work that will take place under these conditions.

#### Recommendations

### **Foundations**

Recommendations for placement of shallow foundations for new buildings are as follows. Footings must be placed such that they will be a minimum 1.5m below the finished ground elevation, for frost protection. It is suggested that spread or strip footings may be placed onto the undisturbed subsoils, beginning at a typical depth of 1.2m below existing ground surface. The following natural soil bearing capacities will typically be available at the base of the new footings:

Silty sand, sandy silt, silt with sand, clay silt subsoils:

Factored ULS bearing capacity: 180 kPa SLS allowable bearing capacity: 120 kPa

These capacities are based on standard settlement values of 25mm maximum total settlement, and 19mm maximum differential settlement.

Encountered soft areas can be removed by over-excavation where necessary, then back-filled and compacted using 3inch minus crushed rock material.

## **Subgrade Inspection**

Once exposed during construction, it would be advisable to have all intended bearing surfaces examined by a geotechnical firm in order to ensure that the intended bearing surface area is consistent with the conditions encountered at the test hole locations, and that the bearing capacity will be sufficient for the proposed new buildings and structures.

## **Reinforcing Steel**

Placement of longitudinal reinforcing steel within the footings is desirable for this site.

## **Dewatering – Low Volume**

Excavations within the subsoils are not expected to require extensive dewatering. A continuous pumping operation with sump equipment is anticipated to be sufficient for routine dewatering, which is expected to displace less than 50,000 L/day.

Where more extensive dewatering is proposed, a permit should be obtained for construction dewatering works under the Ministry of the Environment, Conservation and Parks (MECP) Environmental Activity and Sector Registry (EASR), which applies for taking of groundwater and stormwater for construction dewatering purposes that total less than 400,000 L/day. This

approach would accommodate groundwater inflows from sand lenses which can be encountered in this area. An EASR will also provide the contractor with greater flexibility in managing groundwater seepage and stormwater flows since it replaces the need for an ECA for discharge under most circumstances.

# **Dewatering – General Requirements**

Care should be taken to prevent ponding or inundation due to rain, and to control excess run-off that could cause erosion. The construction contract should stipulate that the integrity of all natural soil surfaces and soil bearing surfaces must be preserved at all times. Therefore, all excavations on site must be protected from high moisture levels due to rainfall or accumulating groundwater, using appropriate dewatering techniques.

## **Seismic Parameters**

The following seismic design parameters may be utilized:

Foundation on natural subsoils:

Site Class D Soil Shear Wave Average Velocity  $(m/s) = 180 < V_s < 360$ 

The peak ground acceleration value for the Garden Hill area, as given by the OBC, is 0.130.

### **Geotechnical Parameters**

For calculating vertical and lateral earth pressures and other geotechnical parameters, the following unfactored coefficients may be utilized:

# Existing sandy silt, silt with sand

internal friction angle =  $30^{\circ}$ 

Ka = 0.33, Ko = 0.50, Kp = 3.00

Moist unit weight = 19.0 kN/m

Coefficient of friction for the concrete/subsoil interface = 0.35

## typical imported sandy Granular B Type 1 backfill

internal friction angle =  $32^{\circ}$ 

Ka = 0.31, Ko = 0.47, Kp = 3.25

Moist unit weight = 22.3 kN/m

## typical imported gravelly Granular B Type 1 backfill

internal friction angle =  $35^{\circ}$ 

Ka = 0.27, Ko = 0.43, Kp = 3.69

Moist unit weight = 23.0 kN/m3

#### **Subdrains**

Subdrain installations should consist of a perforated geotextile-wrapped pipe, placed at the footing depth along the outside perimeter of the footings. The subdrain pipe should have a minimum diameter of 150mm and must be graded to a positive outlet away from the foundation.

Backfill to the subdrain trenches should consist of OPSS 1004 Clear Stone. The type of back fill placed against the building over the subdrains should be a free-draining Granular B Type 1 material, placed full-depth to prevent the build-up of water pressure against the exterior walls of the building. Careful finished grading of the site should be applied to prevent the influx of storm water and surface runoff towards the foundation walls of the building.

Subdrains are required for below-grade building levels such as basements. Individual assessments on a per lot basis will be required to determine acceptable basement floor elevations with respect to the varying water table, as well as perched water seepage above the water table.

## Floor Slabs on Grade

The following minimum requirements are recommended for standard slab-on-grade floors:

Concrete Slab

OPSS 1010 Granular A or Clear Stone base
OPSS 1010 Granular B Type 1 subbase
Over compact native subgrade soil

The subgrade soil surface to remain should undergo proof-rolling to ensure that it is acceptable for placement of the base and subbase materials. Remove all deleterious soil such as topsoil and organics, from beneath the new floor area. It is recommended that a concrete compressive strength of 20 to 25MPa be utilized for interior floor slabs.

## Concrete

The frost penetration treatment depth for this site is 1.5m. Use CSA concrete classes C1 or C2, and F1 or F2, as appropriate to the various structure elements in the buildings. Standard Type 10 concrete cement will be suitable for this project.

## **Pipe Installation**

For new underground piping, utilize the following OPSD Standards for pipe installation:

For soil subgrade:

OPSD 802.010 Flexible Pipe - Type 3 Earth Excavation

OPSD 802.031 Rigid Pipe - Type 3 Earth Excavation, Class B

For bedrock subgrade:

OPSD 802.013 Flexible Pipe - Rock Excavation

OPSD 802.033 Rigid Pipe - Rock Excavation, Class B

Utilize the granular bedding and cover depths as specified in the applicable OPSD standards listed above. For normal subgrade conditions, OPSS Granular A may be utilized for pipe embedment and pipe cover material for new piping.

For wet subgrade conditions, a crushed rock or gravel should be utilized for pipe embedment and pipe cover material for new piping. A suitable material would be OPSS 1010 Granular B Type 2 with 100% passing the 50mm sieve, or clear stone such as OPSS 1004 19mm Clear Stone.

Frost protection for underground piping should be utilized as per the following OPSD standards, with a frost treatment depth of k = 1.5m:

OPSD 803.030 Frost Penetration Line Below Bedding Grade OPSD 803.031 Frost Penetration Line Above Bedding Grade

### **Reuse of Subsoils**

The natural subsoils found on site cannot be used as fill beneath structures. Any fill required beneath new structures must consist of an engineered granular fill. The minimum requirement for an engineered fill is OPSS 1010 Granular B Type 1, however, there are other options available, such as 3inch minus rock fill.

Any existing topsoil materials must be stripped from the site prior to placing new fill material. The silty subsoils on site are acceptable as general subgrade fill for the roadway and landscaping areas. Note in the contract there was typically perched water within all of the subsoil types, hence, these soils can readily become spongey when disturbed, even when recompacted. Great care is required to maintain these soils at the proper moisture content to obtain sufficient compaction.

# **Pavement Design**

For the new roadways, remove all organic soil from the subgrade surface. Provide earth grading and cross fall as per OPSD 200.01 to prevent ponding of water on the soil subgrade, and to provide effective drainage of the new pavement structure.

Apply proof-rolling to the subgrade soil to ensure that it is acceptable for placement of the new granular subbase and base materials.

The following minimum pavement design as per OPSS 1150 specifications is recommended for placement of new pavement:

## **Pavement Structure**

40mm HL3 surface course 50mm HL8 binder course

150mm OPSS 1010 Granular A base

400mm OPSS 1010 Granular B Type 1 subbase Over compact native subgrade soil or approved fill

It will also be acceptable to substitute SuperPave hot mix as per OPSS 1151, such as SP12.5 over SP19.0.

The asphalt cement should have a minimum rating of PGAC 58 -34. Tack-coat the hot mix substrate, as per OPSS.PROV 308, prior to placing the surface course lift of hot mix. Stipulate in the contract that all hot mix paving operations shall be carried out in accordance with OPSS 310 specifications.

# **Compaction Requirements**

All natural soil and all granular fill compaction requirements for the project should conform with OPSS 501, Subsection 501.08.02 - Method A, utilizing soil placement in maximum 300mm lifts and a compaction standard of 100% of Standard Proctor Maximum Dry Density.

### **Statement of Limitations**

This report is intended for the guidance of the project design team. From a construction standpoint, contractors must make their own assessment of the soil and groundwater conditions and how these will affect their proposed construction techniques and schedules.

The recommendations in this report are based on information determined at the test hole locations. Soils and groundwater conditions between and beyond the test holes may differ from those encountered at the test hole locations and conditions may become apparent during construction that could not be detected or anticipated at the time of the soils investigation. If this occurs, we recommend that Terraspec be retained for further consultation, testing, and analysis.

We also recommend that Terraspec be retained to ensure that all subgrade preparation requirements are met, and to confirm that the soil conditions do not deviate materially from those encountered in test holes. In the case that unforseen conditions arise, or our recommendations are not followed, the company's responsibility is limited to interpreting the information from the test hole data collected for this report.

This report is applicable only to this specific project, constructed substantially in accordance with details of alignment and elevations quoted in the text. Where rock excavation is proposed, a contingency cost item should be included in the contract to allow for any unforeseen subgrade conditions. Elevations quoted in the document are approximate. Original ground elevations for project design purposes should be obtained from an experienced topographical survey consultant.

~ ~ ~

# TERRASPEC ENGINEERING INC. GEOTECHNICAL ENGINEERS

Shane Galloway, B.A. Manager N. A. Mackinnon

N.A. MacKinnon, P.Eng. Senior Engineer

# **Borehole Data April 27, 2021**

### Notes

- Soil types, strata, and groundwater conditions have been established only at test hole locations. 1.
- Soils are described according to the MTO Soils Classification System and OPSD 100.06. Dimensions are in millimetres up to 1 metre, then in metres thereafter. 2.
- 3.

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conc	-	concret	e	N	-	blow counts per 0.3m
cr	-	crushed				
f	-	fine				
gr	-	gravel(l	(y)			
gry	-	grey				
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NFP	-	no furth	ner progress			
org	-	organic	S			
RF	-	rock fil	1			
sa	-	sand(y)				
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               5.0
                                                            S8 at 3.35m
                       gry/br si w sa -wet, compact
-water at 1.48m
4
0
               120
                       br si tps
120
               1.51
                      br si sa -moist, loose to compact
               4.70
                       br sa si -wet, compact
1.51
at 1.5m
               N=10
at 3.0m
               N = 13
4.70
               6.25
                       gry sa si -saturated, compact
-water at 1.45m
Monitoring Well installed
                                             A303844
5m deep, stickup=1.3m, water at 1.34m Apr29, 2021
<u>5</u>
               150
                       br si tps
150
               2.11
                       br si sa -moist to wet, compact
at 1.5m
               N=9
2.11
               5.0
                       gry sa si -wet, compact
-water at 1.6m
<u>6</u>
0
               160
                       br si tps
160
               3.30
                       br si sa -moist, compact
               N=9
at 1.0m
-dense after 1.7m
3.30 -
               5.0
                       gry/br sa si -wet, compact to dense
-water at 1.4m
<u>7</u>
0
               200
                       br si tps
200
                       br si sa -moist, loose to compact
               1.55
1.55
               6.25
                       gry si w sa -wet, compact
                                                     S3 at 3m
at 3.0m
               N=11
-water at 1.5m
Monitoring Well installed
                                             A303823
5m deep, stickup=1.07m, water at 0.67m Apr29, 2021
```

```
8
0
               180
                      br si tps
                      br si sa -dry, compact
                                                            S7 at 0.6m
180
               3.66
-cob at 1.5m
-dense after 1.5m
3.66
                      NFP, dense si sa so cob
-water not encountered
<u>9</u>
               250
                      br si tps
250
                      br si sa -moist, compact
               1.45
               2.70
                      br sa si -moist to wet, compact
                                                            S6 at 2.7m
1.45
-cob at 1.37m
at 1.5m
               N = 21
2.70 -
               5.0
                      gry sa si -wet, compact
-water at 2.1m
<u>10</u>
0
               100
                      br si tps
100
                      br si sa -moist to wet, compact
               1.40
1.40
                      br sa si -wet, compact
               2.80
at 2m
               N=8
2.80
               6.25
                      gry si w sa -saturated, compact
                                                            S4 at 3m
               N=10 Su=90kPa
at 3m
-stiff after 3.66m
-water at 2.1m
Monitoring Well installed
                                             A303822
6.1m deep, stickup=1.1m, water at 0.4m Apr29, 2021
<u>11</u>
               200
                      br si tps
200
               1.50
                      br sa si -moist, compact to dense
                      br sa cl si -moist, compact to dense S5 at 1.8m
1.50
               4.88
-dense after 2.7m
```

-water not encountered

<u>12</u> 0

200 br si tps

200 br si sa -moist, compact 600 br sa si -moist, compact 600 1.80

at 0.75m Su=80kPa

gry sa si -moist, compact 1.80 -3.70

4.7 gry cl si -wet, compact Su=100kPa S10 at 4m 3.70 -

at 3.7m

-water at 3.7m

# **Laboratory Test Data**

Soil Sample	1	2	3	4	
Sieve	% Passing				
4.75mm	100	100	100	100	grain size
2.36mm	100	100	100	100	_
1.18mm	99.9	100	99.9	99.9	
600um	99.5	99.9	99.8	99.8	
300um	94.6	99.2	99.1	99.3	
150um	83.8	95.2	93.5	96.3	
75um	64.8	84.0	74.2	89.9	
ASTM	ML	CL-ML	ML	ML	soil classification
frost rating	High	High	High	High	susceptibility to frost heave
W	10.9	28.7	25.8	25.9	field moisture content
Soil Sample	5	6	7	8	
<u>Sieve</u>	5 % Passing	-		8	
	_	6 100	7 100	100	grain size
<u>Sieve</u>	% Passing	-			grain size
Sieve 4.75mm	% Passing 100 99.8 99.5	100 99.9 99.7	100	100 100 100	grain size
Sieve 4.75mm 2.36mm	% Passing 100 99.8	100 99.9	100 100	100 100	grain size
<u>Sieve</u> 4.75mm 2.36mm 1.18mm	% Passing 100 99.8 99.5	100 99.9 99.7	100 100 100	100 100 100	grain size
Sieve 4.75mm 2.36mm 1.18mm 600um	% Passing 100 99.8 99.5 99.3	100 99.9 99.7 99.5	100 100 100 99.7	100 100 100 99.8	grain size
Sieve 4.75mm 2.36mm 1.18mm 600um 300um	% Passing 100 99.8 99.5 99.3 98.3	100 99.9 99.7 99.5 97.2	100 100 100 99.7 98.5	100 100 100 99.8 99.5	grain size
Sieve 4.75mm 2.36mm 1.18mm 600um 300um 150um	% Passing 100 99.8 99.5 99.3 98.3 88.4 65.6 CL-ML	100 99.9 99.7 99.5 97.2 81.5	100 100 100 99.7 98.5 85.3	100 100 100 99.8 99.5 95.2	grain size soil classification
Sieve 4.75mm 2.36mm 1.18mm 600um 300um 150um 75um	% Passing 100 99.8 99.5 99.3 98.3 88.4 65.6	100 99.9 99.7 99.5 97.2 81.5 53.9	100 100 100 99.7 98.5 85.3 47.4	100 100 100 99.8 99.5 95.2 82.0	

Soil Sample	9	
Sieve	% Pass	<u>ing</u>
4.75mm	100	grain size
2.36mm	100	
1.18mm	99.8	
600um	99.4	
300um	97.7	
150um	88.3	
75um	66.0	
ASTM	ML	soil classification
frost rating	High	susceptibility to frost heave
W	21.8	field moisture content

Soil Sample	<u> 10</u>	
Sieve	% Passi	ing
4.75mm	100	grain size
2.00mm	100	
850um	99.8	
425um	99.8	
250um	99.8	
106um	99.8	
75um	99.6	
%gravel	0.0	
%sand	0.4	
%silt	57.4	
%clay	42.2	
ASTM	CL-ML	soil classification
frost rating	High	susceptibility to frost heave
W	25.1	field moisture content
LL	22.0	Liquid Limit
PL	16.0	Plastic Limit
PI	6.0	Plastic Index

PROJECT No.: 21-3-8438

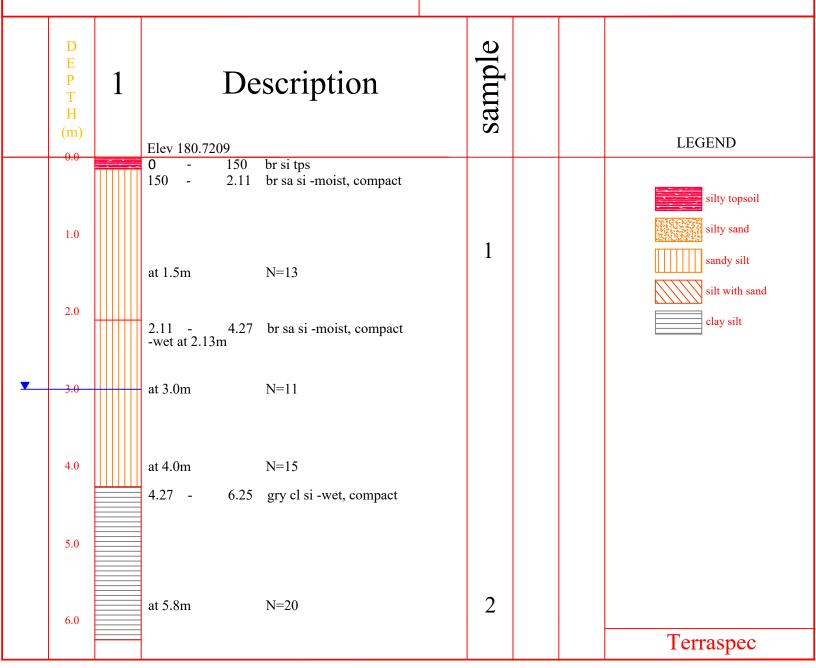
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

**SOIL DATA** 

METHOD: 130mm Solid Stem Auger



PROJECT No.: 21-3-8438

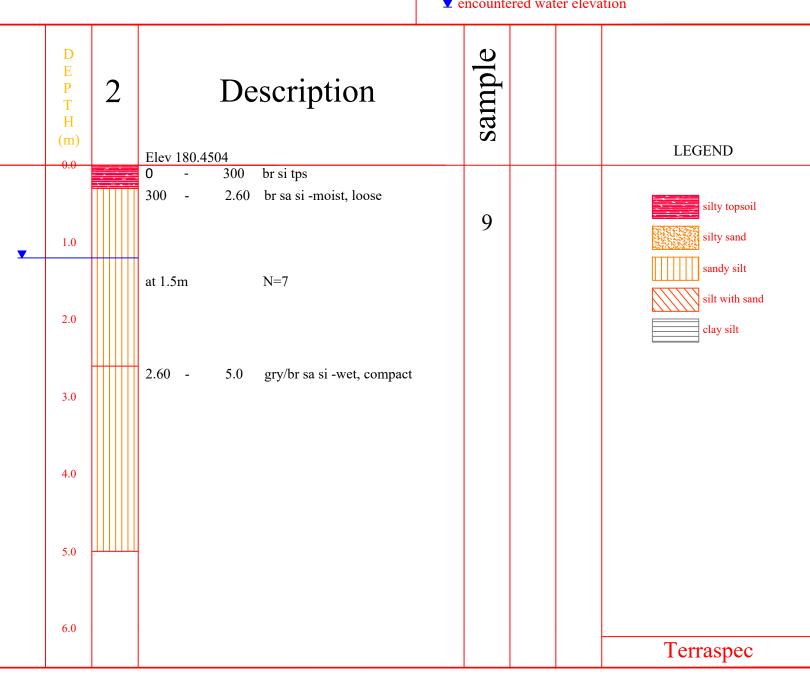
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

**SOIL DATA** 

METHOD: 130mm Solid Stem Auger



PROJECT No.: 21-3-8438

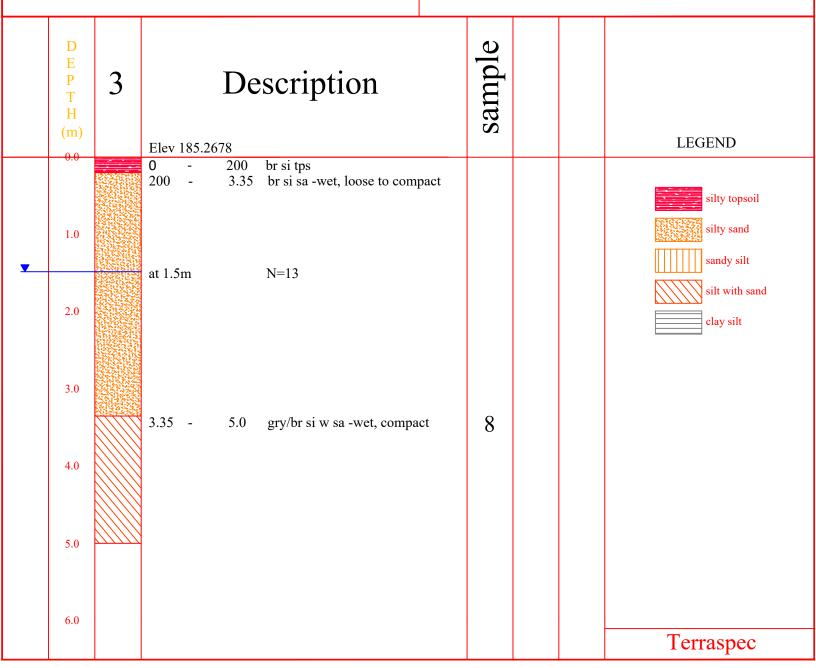
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

**SOIL DATA** 

METHOD: 130mm Solid Stem Auger



PROJECT No.: 21-3-8438

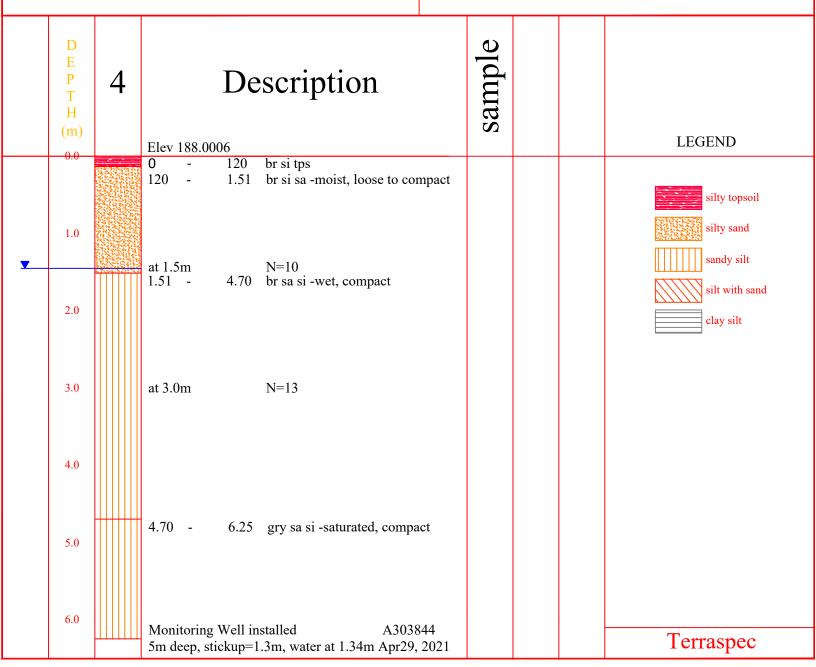
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

**SOIL DATA** 

METHOD: 130mm Solid Stem Auger



PROJECT No.: 21-3-8438

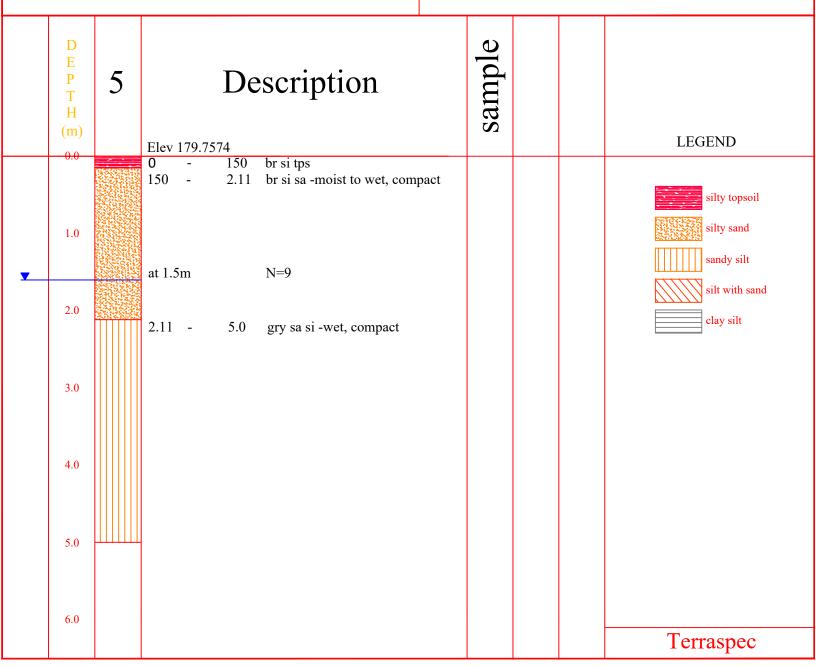
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

**SOIL DATA** 

METHOD: 130mm Solid Stem Auger



PROJECT No.: 21-3-8438

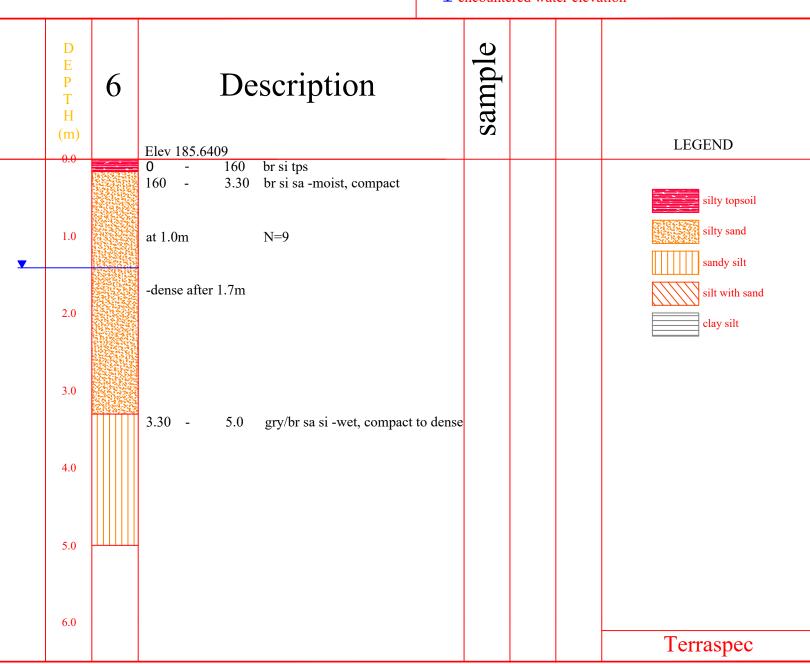
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

**SOIL DATA** 

METHOD: 130mm Solid Stem Auger



PROJECT No.: 21-3-8438

CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

SOIL DATA

METHOD: 130mm Solid Stem Auger

D E P T H (m)	Description  Elev 181.0259	sample	LEGEND
2.0	0 - 200 br si tps 200 - 1.55 br si sa -moist, loose to compact 1.55 - 6.25 gry si w sa -wet, compact		silty topsoil silty sand sandy silt silt with sand clay silt
3.0	at 3.0m N=11	3	
4.0			
5.0			
	Monitoring Well installed A303823 5m deep, stickup=1.07m, water at 0.67m Apr29, 2021		Terraspec

PROJECT No.: 21-3-8438

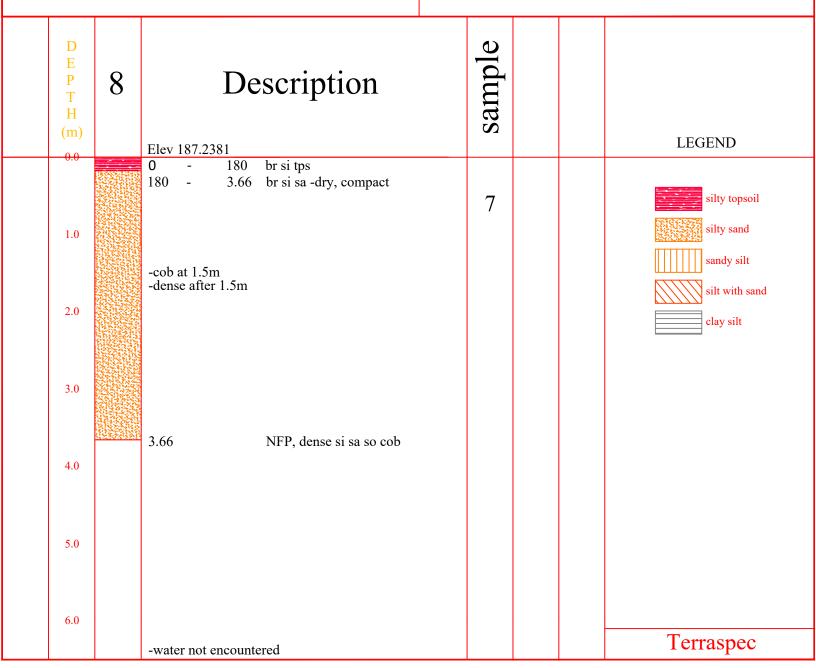
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

SOIL DATA

METHOD: 130mm Solid Stem Auger



PROJECT No.: 21-3-8438

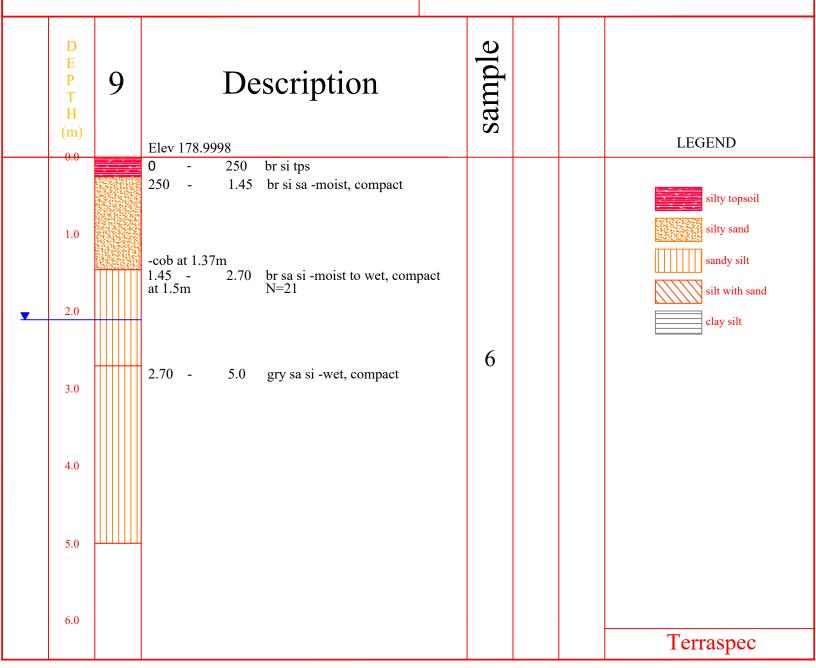
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

**SOIL DATA** 

METHOD: 130mm Solid Stem Auger



PROJECT No.: 21-3-8438

CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

SOIL DATA

METHOD: 130mm Solid Stem Auger

	D E P T H (m)	10	Description  Elev 176.6654	sample	LEGEND
<b>y</b>	1.0		0 - 100 br si tps 100 - 1.40 br si sa -moist to wet, compact  1.40 - 2.80 br sa si -wet, compact  at 2m N=8		silty topsoil silty sand sandy silt silt with sand clay silt
	3.0		2.80 - 6.25 gry si w sa -saturated, compact at 3m N=10 Su=90kPa	4	
	4.0		-stiff after 3.66m		
	5.0				
	6.0		Monitoring Well installed A303822 6.1m deep, stickup=1.1m, water at 0.4m Apr29, 2021		Terraspec

PROJECT No.: 21-3-8438

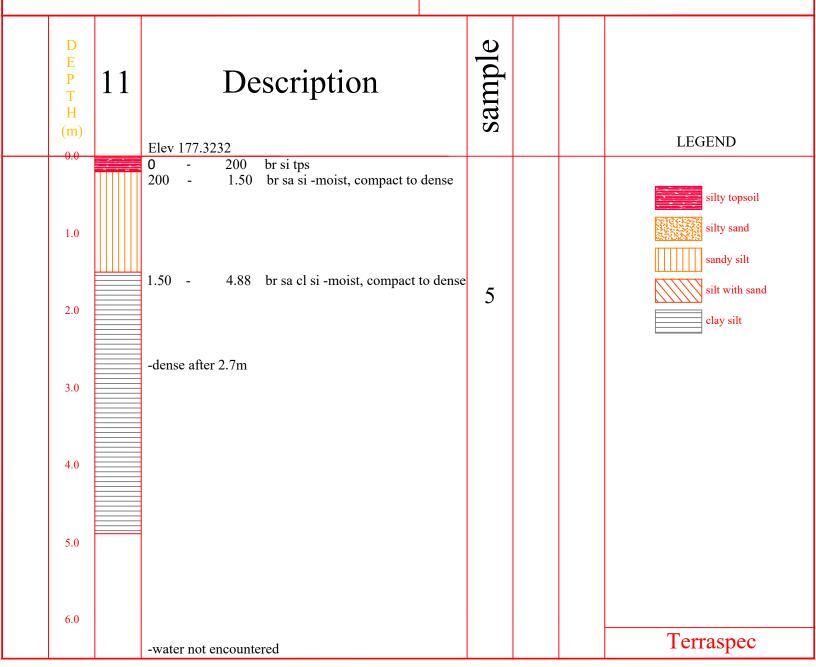
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

**SOIL DATA** 

METHOD: 130mm Solid Stem Auger



PROJECT No.: 21-3-8438

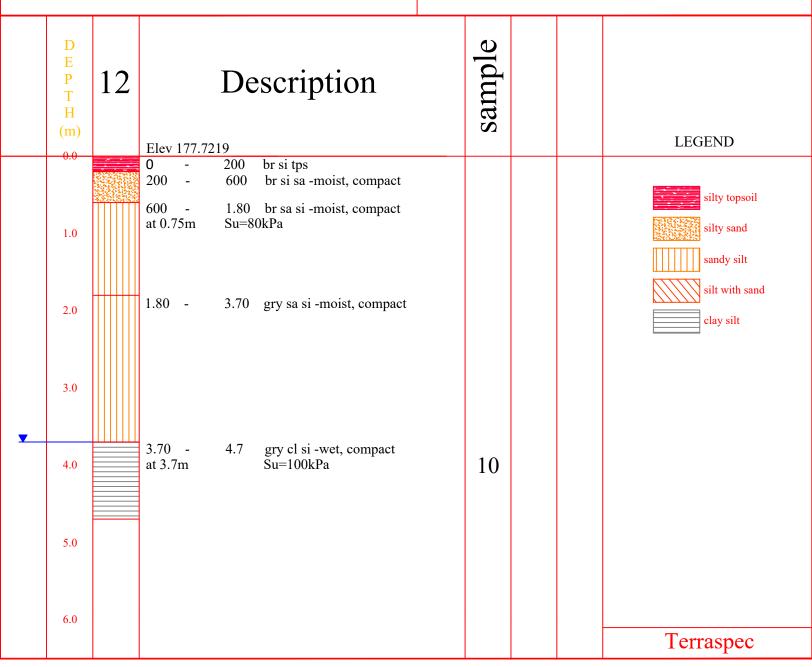
CLIENT: GGG Inc.

PROJECT: 3852 Ganaraska Road

DATE: April 27, 2021

**SOIL DATA** 

METHOD: 130mm Solid Stem Auger







Looking North



Photo of Subgrade Soils



# Well Record - Regulation 903

Ontario Water Resources Act

## General Instructions and Explanations for completing a Well Record

A completed electronic Well Record Form must be delivered to the well purchaser and the owner of the land on which the well is situated within 14 days after the date on which the well's structural stage is complete. The electronic Well Record must also be forwarded within 30 days after the date on which the well's structural stage is complete to the ministry through email to the following email address: WellRecordSubmission@ontario.ca

## **False and Misleading Information**

Subsection 98(2) of the Ontario Water Resources Act, R.S.O. 1990 c. O. 40, states that:

"No person shall orally, in writing or electronically, give or submit false or misleading information in any statement, document or data, to any provincial officer, the Minister, the Ministry or the Agency, any employee in or agent of the Ministry or the Agency, or any person involved in carrying out a program of the Ministry or the Agency in respect of any matter related to this Act or the regulations."

Further, subsection 98(3) of the Act states that:

"No person shall include false or misleading information in any document or data required to be created, stored or submitted under this Act."

#### Measurements

All measurements must be recorded in the specified unit, metric or imperial by checking off the applicable box on the top of the form. You must use the checked unit consistently throughout the well record. Measurements must be reported to 1/10th of a metre if the unit is a metre. All measurements of depth must be referenced to ground surface.

## Well Owner's Information

A "well owner" means the owner of land upon which a well is situated and includes a tenant or lessee of the land and a well purchaser. If the "well owner" is an individual, record the owner's last name and first name or if the "well owner" is a business, government or other organization, record the name in the "organization" area.

## **Well Location**

Street Number/Name and City/town/Village must be provided, if available.

Geographic Township, Concession and Lot must be reported if the well is located in an area where such information exists.

UTM Coordinates must be recorded each time a Well Record is completed. Click the button [Test UTM in Map] to use the UTM Coordinates to plot the location to Google map. This allows verification of the UTM Coordinates. This will also automatically populate the County/District.

Municipal Plan and Sublet Number may be provided, if available.

## Overburden and Bedrock Materials

For each formation encountered during construction, choose words from the lists that best describe the formation on the basis of general colour, most common material, other materials, and general description of the formation. General Colours are White, Yellow, Grey, Brown, Blue, Red, Green and Black.

Examples of Materials are: Fill, Silt, Top Soil, Coarse Sand, Slate, Muck, Gravel, Limestone, Dolomite, Quartzite, Peat, Stones, Fine Sand, Shale, Granite, Clay, Boulders, Medium Sand, Sandstone, and Greenstone. Some definitions are as follows:

- Clay: Composed of very fine particles. Forms dense hard lumps or clods when dry and a very elastic putty-like mass when wet. It can be rolled between fingers to form a long, flexible ribbon.
- Silt: Grain size, midway between sand and clay. It may form clods which, when broken, feel soft and floury. When moist, it will form a cast that can be handled freely without breaking. Rolled between thumb and finger, it will not "ribbon" but will give a broken appearance.

- Sand: Grains are loose and granular and may be seen and felt readily. Squeezed in the hand when dry, it falls
  apart when the pressure is released. Squeezed when moist, it will form a cast that will crumble when touched.
  Should be listed as fine sand, medium sand or coarse sand.
- Gravel: Rock fragments greater than 0.3 cm in diameter.

Examples of General Descriptions are Loose, Cemented, Previously Dug or Bored, Porous, Layered, Previously Drilled, Dense, Soft, Wood Fragments, Packed, Hard.

## **Abandonment**

To report abandonment of a well, check off the applicable box in Type on the top of the form. Details of abandonment must be recorded in the Abandonment and Sealing Section. Additional comments may be entered in the comments box under the Information section.

# **Annular Space**

Record all material placed in the annular space around the single casing or around the permanent outer casing. If the well is a telescoped well [i.e., a well with an outer casing and inner casing(s)] or if the well is a multi-level nested test hole, report the depth from, depth to, material and volume placed for the annular space between two different sized casings or between the inner casing(s) and the side of the well in the "Comments" area of this electronic well record form.

#### **Method of Construction**

If the equipment used to construct the well is not on the list, check "Other (specify)" and record the type of equipment, check each equipment that applies.

#### Well Use

If the well's use is not provided on the list, check "Other (specify)" and record the use of the well. If the well has multiple uses, check each use that applies.

#### Status of Well

If the well's status is not provided on the list, check "Other (specify)" and record the use of the well. If the well has multiple statuses, check each use that applies.

## **Construction Record – Casing and Open Hole**

Use negative values to report the top of casing above ground surface. For example, if the top of the casing is 0.4 metres above the ground surface and the bottom of the casing 6.0 metres below the ground surface, record the casing "Depth From" as -0.4.

If the top of casing is located below the ground surface (e.g., if a test hole is constructed and the top of casing is located below the ground surface in a flush mounted well vault), report the top of the casing from below ground surface. For example, if the top of the casing is 0.1 metres below the ground surface and the bottom of the casing is 6 metres below the ground surface, record the casing "Depth From" as 0.1.

**Note:** If a drive shoe is used, the shoe is considered casing and it must be reported if the shoe has a different inside diameter thickness.

If a portion of the well was created an open hole, record the location of the open hole on a separate row, including the diameter and the depth (top and bottom of open hole) from the ground surface.

## **Construction Record - Well Screen**

A "well screen" means perforated pipe or tubing, unsealed concrete tiles or other material installed in a well to filter out particulate matter and form the water intake zone. Therefore, the length of a well screen includes any slotted or perforated area and unsealed area of pipe or tiles.

## **Water Details**

- if groundwater was located, record the depth from the ground surface to the location of the groundwater resource, and
- record if the groundwater quality is "Untested," "Fresh" (i.e., not salty), or "Other (specify)." If "Other (specify)" is
  recorded, use the "Other (specify)" dropdown list toselect the type of groundwater (e.g., salty, blackish water,
  yellowish water, mineralized, etc.).

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Check off "Gas" if natural gas was encountered during well construction.

**Note:** Natural gas encounters need to be immediately reported to the ministry at 1-800-268-6060, well purchaser and the owner of the land.

## **Results of Well Yield Testing**

Check off "Pumping Discontinued" if pumping was discontinued before 1 hour of continuous pumping. Explain the reason why pumping was discontinued or in some cases not performed (e.g., the well went dry, impossible to install pump in small diameter well, static water level from test hole or dewatering well was obtained and is reported instead of completing a yield test etc.).

**Note:** Equipment breakdown is not an acceptable reason for checking off "Pumping Discontinued" on the well record form. If groundwater in the well is flowing out of the well, provide the rate of flow, and check off "Flowing Well" (i.e., static water level above the ground surface).

In the "Results of Well Yield Testing" section of the well record form, record:

- the depth to the intake of the pump.
- the rate of pumping and duration of pumping period during the yield test,
- the final water level when pumping stops,
- water level measurements made during pumping (drawdown) and recovery. All water level measurements must be referenced from below the ground surface for each time interval specified in the drawdown and recovery boxes.

If the water level measurements remain the same over a period of time, continue to measure and report the same water level measurement for the remaining pumping or recovery time intervals.

If pumping continuously for at least 1 hour, but the design of the well does not allow for water level measurements (e.g., driven point well), the person constructing the well is not required to report drawdown or recovery water level measurements.

## Map of Well Location

In the "Map of Well Location" section of the well record form, click the map area to attach a map of the well location. The map must show sufficient information to locate the well, including:

- a mark on the map showing the well,
- a scale on the map, and
- where available, the name of the structure, street or surface water body nearest to the well.

Note: More than one map can be added to the well record form by clicking on "Add Map (+)" to add an additional map.

## Information

Record any additional information (e.g., observations, tests, additional licensed well technicians who worked on the well, additional annular space details for a telescoped well or a multi-level nested test hole, reasons for not providing a well owner information package) in the comments area.

## **Declaration**

Check the declaration statement to confirm that the person constructing the well agrees with the following statement: "I hereby confirm that I am the person who constructed the well and I hereby confirm that the information on the form is correct and accurate".

## **Validate**

Click the validate button. If there is no missing information, you will be asked to enter the well tag again to make sure the well tag is entered correctly (only enter the numeric portion of the tag number). The audit number will then be changed from "**incomplete**" to an assigned audit number. The signature field will then be available. Click on "signature" to enter the well technician's electronic signature. For instructions on how to create an electronic signature, please visit the Adobe Digital IDs website using the following link: <a href="https://helpx.adobe.com/acrobat/using/digital-ids.html">https://helpx.adobe.com/acrobat/using/digital-ids.html</a>

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# Well Record - Regulation 903

Ontario Water Resources Act

#### **Notice of Collection of Personal Information**

Personal information contained on this form is collected pursuant to sections 35-50 and 75(2) of the *Ontario Water Resources Act* and section 16.3 of the Wells Regulation. This information will be used for the purpose of maintaining a public record of wells in Ontario. This form and the information contained on the form will be stored in the Ministry's well record database and made publicly available. Questions about this collection should be directed to the Water Well Customer Service Representative at the Wells Help Desk, 125 Resources Road, Toronto Ontario M9P 3V6, at 1-888-396-9355 or wellshelpdesk@ontario.ca.

Fields marked with an asterisk (\*) are mandatory.

				-						
								′ell Tag Nu 319288	ımber	* Help
Type *							<u>^</u>	010200		
✓ Construction		Abandonn	nent							
Measurement re	corded in	า: *								
Metric	<u>/</u>	mperial								
1. Well Owner	's Infor	mation								
Last Name and Fi	rst Name	, or Orga	nization	is mandatory. *						
Last Name					First N	ame				
Organization Snowy Owl Hold	lings Inc	·.			Email	Address				
<b>Current Address</b>										
Unit Number	Street 5905	Number		eet Name * rlscourt Cres.			City/Towr Manotik	n/Village		
Country	<b>'</b>		<b>,</b>	Province			Postal Co		Telep	hone Number
Canada				Ontario			K4M 1K2	2		
2. Well Location	on									
Address of Well	Location	ı	1							
I	treet Nur 852	nber *	Street N Ganara	lame * aska Rd.			Town Hope	•		
Lot 15-16			Conces 8	sion		County/Dist				
City/Town Garden Hill						Province Ontario			F	ostal Code
UTM Coordinates	Zone *	Easting	*	Northing *			Municipa	l Plan and	Sublo	ot Number
NAD 83	17	707912	2	4881798	Test	UTM in Map				
Other					·					
3. Overburden	and Bed	drock Ma	aterial *							
General Colour	Most C	Common I	Material	Other Materials	5	General Des	cription	Depth	From	Depth To
Well Depth *	1	172		(ft)						

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					(ft)	(ft)	
Grey	Gra	avel	Sand	Soft	0	3	-
Brown	Sa	and	Clay	Soft	3	15	-
Grey	CI	lay	Sand	Soft	15	78	-
Grey	CI	lay	Sand	Packed	78	97	-
Grey	CI	ay		Soft	97	135	-
Grey	Gra	avel	Sand	Cemented	135	139	-
Grey	Sh	ale	Gravel	Hard	139	140	-
Grey	Lime	stone		Hard	140	172	-
Add Row (	(+)			1		1	
4. Annular Sp	ace *						
Depth From	Depth To	-	Type of Sealant Used (M	Material and Type)	Volume	e Placed	_
(ft)	(ft)				(cubi	c feet)	
0	20		Bentonite Chips	s (50 lbs)	5	50	-
0	20		Bentonite Slurry	y (40 gal)	4	10	Ī
Add Row (	(+)				-1		
5. Method of	Construction	*					
Cable Tool	Rotary (C	conventional	Rotary (Reverse)	Boring Air per	cussion Di	iamond	_
Jetting	Driving	Digging	Rotary (Air)	Augering Direct F	Push		
✓ Other (speci	ify) DR-12W						_
6. Well Use *							
Public	Indu	ustrial	Cooling & Air C	onditioning			_
✓ Domestic	Cor	nmercial	 ☐ Not Used				
Livestock	Mur	nicipal	☐ Monitoring				
Irrigation	 Tes	t Hole	Dewatering				
Other (speci	ify)						_
7. Status of W	Vell *						
✓ Water Supply		Replacen	nent Well	Test Hole			
Recharge W	_	Dewaterir		Observation and/or Mon	itoring Hole		
		<u> </u>			•		

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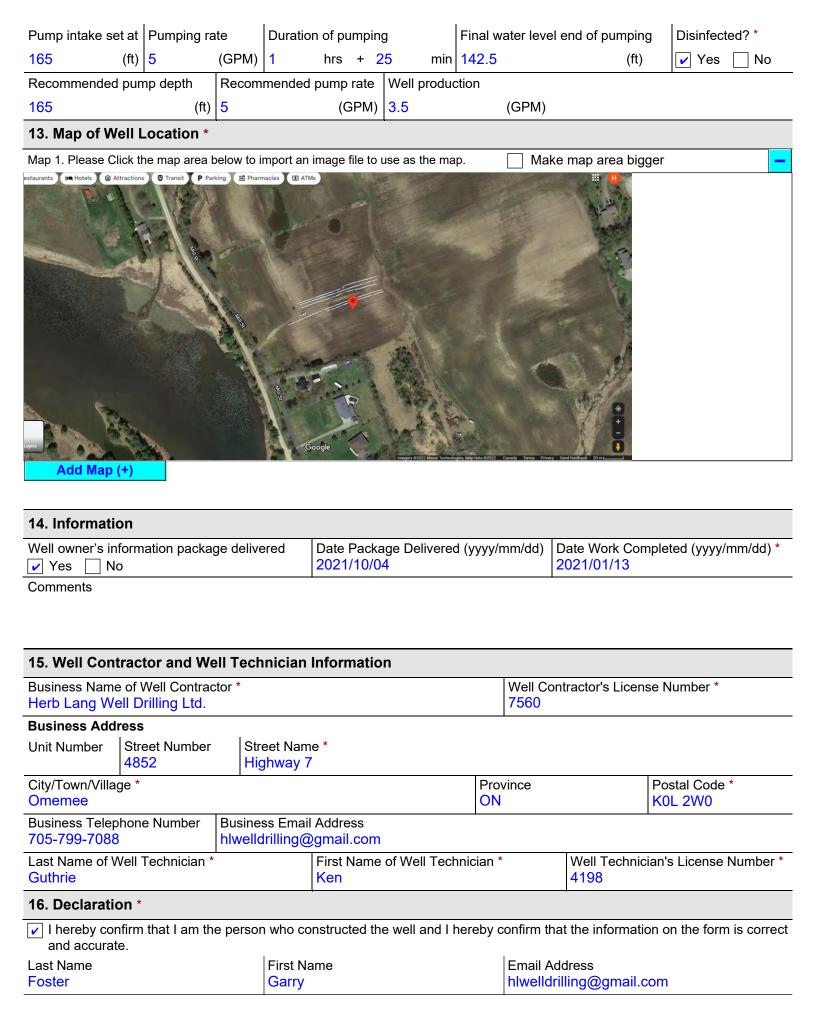
Alteration (Construction) Abandoned, Insufficient Supply Abandoned, Poor Water Quality

Abandoned, other (specify)

Other (specify)

Inside		Open H		laterial (			eglass,	_	Wall		Depth	From	Dept	h To
Diametei (in)	ſ		Con	crete, Pl	astic, St	eel)			Thicknes	S		t)	(f	
6.25				Ste	 eel				0.188		-:		14	
6									0.100			10	17	
	(1)			Open	поје						12	ŧU	- 17	
Add Row (		ord - Sc	reen											
Outside		J. G. G.		Mate	erial				Slot					
Diamete	r		(Plast	ic, Galva		Steel)			Number			From	Dept	
(in)						(ft) (ft)								t)
Add Row (														
10. Water Det	ails													
Nater found at l		40	(ft)	Gas	Kind of	water [	Fresl	h 🔽 L	Intested	O	ther			
Add Water Det	tails (+)													
11. Hole Diam	neter													
De	epth Fror	n			Dept	th To					Diamete	r		
	(ft)				(f	t)					(in)			
	0				2	0					11.5			
	20				14	40					7.5			
	140				17	72					6			
Add Row (	(+)													
12. Results of	f Well Y	ield Te	sting											
Pumping Dis	continue	ed												
— Explain														
If flowing give ra	ate													
Flowing					(	GPM)								
Draw down												_		
Time (min)	Static Level	1	2	3	4	5	10	15	20	25	30	40	50	60
Water Level (ft)	20.8	23.5	24.7	26.3	28.05	29.2	36.5	42.2	46.4	56.7	60.7	81.9	109.6	114.5
Recovery														
Time (mir	n)	1	2	3	4	5	10	15	20	25	30	40	50	60
Water Lev	el	137.7	136.2	134.5	133.1	131.35	124.2	117.3	110.45	104.4	98.4	88.1	78.3	67.6

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Signature

**Garry Foster** 

Digitally signed by Garry Foster Date: 2022.02.10 21:49:28 -05'00'

Date Submitted (yyyy/mm/dd) 2022/02/10

17. Ministry Use Only

**Audit Number** 

NJYB 218K

Validate

Save Form

**Print Form** 

**Clear Form** 

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# Well Record - Regulation 903

Ontario Water Resources Act

#### General Instructions and Explanations for completing a Well Record

A completed electronic Well Record Form must be delivered to the well purchaser and the owner of the land on which the well is situated within 14 days after the date on which the well's structural stage is complete. The electronic Well Record must also be forwarded within 30 days after the date on which the well's structural stage is complete to the ministry through email to the following email address: WellRecordSubmission@ontario.ca

#### **False and Misleading Information**

Subsection 98(2) of the Ontario Water Resources Act, R.S.O. 1990 c. O. 40, states that:

"No person shall orally, in writing or electronically, give or submit false or misleading information in any statement, document or data, to any provincial officer, the Minister, the Ministry or the Agency, any employee in or agent of the Ministry or the Agency, or any person involved in carrying out a program of the Ministry or the Agency in respect of any matter related to this Act or the regulations."

Further, subsection 98(3) of the Act states that:

"No person shall include false or misleading information in any document or data required to be created, stored or submitted under this Act."

#### Measurements

All measurements must be recorded in the specified unit, metric or imperial by checking off the applicable box on the top of the form. You must use the checked unit consistently throughout the well record. Measurements must be reported to 1/10th of a metre if the unit is a metre. All measurements of depth must be referenced to ground surface.

#### Well Owner's Information

A "well owner" means the owner of land upon which a well is situated and includes a tenant or lessee of the land and a well purchaser. If the "well owner" is an individual, record the owner's last name and first name or if the "well owner" is a business, government or other organization, record the name in the "organization" area.

#### **Well Location**

Street Number/Name and City/town/Village must be provided, if available.

Geographic Township, Concession and Lot must be reported if the well is located in an area where such information exists.

UTM Coordinates must be recorded each time a Well Record is completed. Click the button [Test UTM in Map] to use the UTM Coordinates to plot the location to Google map. This allows verification of the UTM Coordinates. This will also automatically populate the County/District.

Municipal Plan and Sublet Number may be provided, if available.

#### Overburden and Bedrock Materials

For each formation encountered during construction, choose words from the lists that best describe the formation on the basis of general colour, most common material, other materials, and general description of the formation. General Colours are White, Yellow, Grey, Brown, Blue, Red, Green and Black.

Examples of Materials are: Fill, Silt, Top Soil, Coarse Sand, Slate, Muck, Gravel, Limestone, Dolomite, Quartzite, Peat, Stones, Fine Sand, Shale, Granite, Clay, Boulders, Medium Sand, Sandstone, and Greenstone. Some definitions are as follows:

- Some delimitions are as follows.
- Clay: Composed of very fine particles. Forms dense hard lumps or clods when dry and a very elastic putty-like mass when wet. It can be rolled between fingers to form a long, flexible ribbon.
- Silt: Grain size, midway between sand and clay. It may form clods which, when broken, feel soft and floury. When moist, it will form a cast that can be handled freely without breaking. Rolled between thumb and finger, it will not "ribbon" but will give a broken appearance.

- Sand: Grains are loose and granular and may be seen and felt readily. Squeezed in the hand when dry, it falls
  apart when the pressure is released. Squeezed when moist, it will form a cast that will crumble when touched.
  Should be listed as fine sand, medium sand or coarse sand.
- Gravel: Rock fragments greater than 0.3 cm in diameter.

Examples of General Descriptions are Loose, Cemented, Previously Dug or Bored, Porous, Layered, Previously Drilled, Dense, Soft, Wood Fragments, Packed, Hard.

#### **Abandonment**

To report abandonment of a well, check off the applicable box in Type on the top of the form. Details of abandonment must be recorded in the Abandonment and Sealing Section. Additional comments may be entered in the comments box under the Information section.

#### **Annular Space**

Record all material placed in the annular space around the single casing or around the permanent outer casing. If the well is a telescoped well [i.e., a well with an outer casing and inner casing(s)] or if the well is a multi-level nested test hole, report the depth from, depth to, material and volume placed for the annular space between two different sized casings or between the inner casing(s) and the side of the well in the "Comments" area of this electronic well record form.

#### **Method of Construction**

If the equipment used to construct the well is not on the list, check "Other (specify)" and record the type of equipment, check each equipment that applies.

#### Well Use

If the well's use is not provided on the list, check "Other (specify)" and record the use of the well. If the well has multiple uses, check each use that applies.

#### Status of Well

If the well's status is not provided on the list, check "Other (specify)" and record the use of the well. If the well has multiple statuses, check each use that applies.

#### Construction Record – Casing and Open Hole

Use negative values to report the top of casing above ground surface. For example, if the top of the casing is 0.4 metres above the ground surface and the bottom of the casing 6.0 metres below the ground surface, record the casing "Depth From" as -0.4.

If the top of casing is located below the ground surface (e.g., if a test hole is constructed and the top of casing is located below the ground surface in a flush mounted well vault), report the top of the casing from below ground surface. For example, if the top of the casing is 0.1 metres below the ground surface and the bottom of the casing is 6 metres below the ground surface, record the casing "Depth From" as 0.1.

**Note:** If a drive shoe is used, the shoe is considered casing and it must be reported if the shoe has a different inside diameter thickness.

If a portion of the well was created an open hole, record the location of the open hole on a separate row, including the diameter and the depth (top and bottom of open hole) from the ground surface.

#### **Construction Record - Well Screen**

A "well screen" means perforated pipe or tubing, unsealed concrete tiles or other material installed in a well to filter out particulate matter and form the water intake zone. Therefore, the length of a well screen includes any slotted or perforated area and unsealed area of pipe or tiles.

#### **Water Details**

- if groundwater was located, record the depth from the ground surface to the location of the groundwater resource, and
- record if the groundwater quality is "Untested," "Fresh" (i.e., not salty), or "Other (specify)." If "Other (specify)" is
  recorded, use the "Other (specify)" dropdown list toselect the type of groundwater (e.g., salty, blackish water,
  yellowish water, mineralized, etc.).

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Check off "Gas" if natural gas was encountered during well construction.

**Note:** Natural gas encounters need to be immediately reported to the ministry at 1-800-268-6060, well purchaser and the owner of the land.

#### **Results of Well Yield Testing**

Check off "Pumping Discontinued" if pumping was discontinued before 1 hour of continuous pumping. Explain the reason why pumping was discontinued or in some cases not performed (e.g., the well went dry, impossible to install pump in small diameter well, static water level from test hole or dewatering well was obtained and is reported instead of completing a yield test etc.).

**Note:** Equipment breakdown is not an acceptable reason for checking off "Pumping Discontinued" on the well record form. If groundwater in the well is flowing out of the well, provide the rate of flow, and check off "Flowing Well" (i.e., static water level above the ground surface).

In the "Results of Well Yield Testing" section of the well record form, record:

- the depth to the intake of the pump.
- the rate of pumping and duration of pumping period during the yield test,
- the final water level when pumping stops,
- water level measurements made during pumping (drawdown) and recovery. All water level measurements must be referenced from below the ground surface for each time interval specified in the drawdown and recovery boxes.

If the water level measurements remain the same over a period of time, continue to measure and report the same water level measurement for the remaining pumping or recovery time intervals.

If pumping continuously for at least 1 hour, but the design of the well does not allow for water level measurements (e.g., driven point well), the person constructing the well is not required to report drawdown or recovery water level measurements.

#### Map of Well Location

In the "Map of Well Location" section of the well record form, click the map area to attach a map of the well location. The map must show sufficient information to locate the well, including:

- a mark on the map showing the well,
- a scale on the map, and
- where available, the name of the structure, street or surface water body nearest to the well.

Note: More than one map can be added to the well record form by clicking on "Add Map (+)" to add an additional map.

#### Information

Record any additional information (e.g., observations, tests, additional licensed well technicians who worked on the well, additional annular space details for a telescoped well or a multi-level nested test hole, reasons for not providing a well owner information package) in the comments area.

#### **Declaration**

Check the declaration statement to confirm that the person constructing the well agrees with the following statement: "I hereby confirm that I am the person who constructed the well and I hereby confirm that the information on the form is correct and accurate".

#### **Validate**

Click the validate button. If there is no missing information, you will be asked to enter the well tag again to make sure the well tag is entered correctly (only enter the numeric portion of the tag number). The audit number will then be changed from "**incomplete**" to an assigned audit number. The signature field will then be available. Click on "signature" to enter the well technician's electronic signature. For instructions on how to create an electronic signature, please visit the Adobe Digital IDs website using the following link: <a href="https://helpx.adobe.com/acrobat/using/digital-ids.html">https://helpx.adobe.com/acrobat/using/digital-ids.html</a>

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# Well Record - Regulation 903

Ontario Water Resources Act

#### **Notice of Collection of Personal Information**

Personal information contained on this form is collected pursuant to sections 35-50 and 75(2) of the *Ontario Water Resources Act* and section 16.3 of the Wells Regulation. This information will be used for the purpose of maintaining a public record of wells in Ontario. This form and the information contained on the form will be stored in the Ministry's well record database and made publicly available. Questions about this collection should be directed to the Water Well Customer Service Representative at the Wells Help Desk, 125 Resources Road, Toronto Ontario M9P 3V6, at 1-888-396-9355 or wellshelpdesk@ontario.ca.

Fields marked with an asterisk (\*) are mandatory.

				-								
									Well Tag N	umbe	r *	Help
								A	319287			
Type *												
Construction		Abandonn	nent									
Measurement re	corded in	n: *										
Metric	<b>✓</b> I	mperial										
1. Well Owne	r's Infor	mation										
Last Name and F	irst Name	e, or Orga	nization	is mandatory. *								
Last Name					First	Na	ame					
Organization Snowy Owl Hol	dings Inc	).			Ema	il A	ddress					
Current Address	\$				II.							
Unit Number	Street 5905	Number		eet Name * rlcourt Cres.				City/Tov Manotik	vn/Village (			
Country	1			Province				Postal C		Tele	ephone	e Number
Canada				Ontario				K4M 1k	(2			
2. Well Locati	on											
Address of Well	Location	1										
	Street Nur 8852	nber *	Street N Ganara	lame * aska Rd.				Tow Hop	nship e			
Lot 15-16			Conces 8	sion			County/Dist					
City/Town Garden Hill							Province Ontario				Posta	Code
UTM Coordinates	Zone *	Easting	*	Northing *				Municip	al Plan and	d Sub	lot Nui	mber
NAD 83	17	708060	)	4881995	Tes	st L	JTM in Map					
Other					•							
3. Overburden	and Bed	drock Ma	aterial *									
General Colour	Most C	Common I	Material	Other Material	s	(	General Des	cription	Depth	From	1	Depth To
Well Depth *	1	178	·	(ft)	•				•		•	

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	1				(ft)	(ft)					
Grey		Gravel	Sand	Loose	0	5	_				
Brown		Clay	Sand	Soft	5	14	-				
Grey		Clay		Packed	14	21	-				
Grey		Clay	Stones	Soft	21	74	_				
Grey		Clay		Dense	74	136	_				
Grey		Shale	Gravel	Layered	136	137	_				
Grey		Limestone		Hard	137	178					
Add Row (	(+)										
4. Annular Sp	ace *										
Depth From	Depth	То	Type of Sealant Used (Mater	ial and Type)	Volume	Placed	_				
(ft)	(ft)				(cubi	c feet)					
0	20	20 Bentonite Chips (50 lbs) 50									
0	20	Bentonite Slurry (40 gal) 40									
Add Row	dd Row (+)										
5. Method of	Constru	ction *									
Jetting  Other (speci	Dri	tary (Conventiona ving ☐ Digging I2W		Augering Direct I	Push		<u>-</u>				
6. Well Use *											
☐ Public ☐ Domestic ☐ Livestock ☐ Irrigation ☐ Other (speci	[	Industrial Commercial Municipal Test Hole	Cooling & Air Condi Not Used Monitoring Dewatering	tioning			_				
7. Status of W	Vell *										
Recharge W Alteration (C Abandoned,	✓ Water Supply       Replacement Well       Test Hole         Recharge Well       Dewatering Well       Observation and/or Monitoring Hole         Alteration (Construction)       Abandoned, Insufficient Supply       Abandoned, Poor Water Quality         Abandoned, other (specify)       Other (specify)										
8. Construction	on Reco	rd - Casing * (us	e negative number(s) to indic	ate depth above ground	l surface)						
Inside Diamete (in)			erial (Galvanized, Fibreglass, te, Plastic, Steel)	Wall Thickness	Depth From (ft)	Depth To	_				
6.25			Steel	0.188	-2	137					

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137

178

Open Hole

6

Add Row (	+)													
9. Construction Record - Screen														
Outside Diameter (in)	-		(Plas		erial anized, \$	Steel)			Slot Number			r From		th To t)
Add Row (	+)													
10. Water Det														
Water found at I			(ft)	Gas	Kind of	water	Fres	h 🕡	Intested		ther			
Add Water Det		) <i>(</i>	(ft)		Tana or	water			THE STEEL					
11. Hole Diam														
De	epth Fror	n			Dep	th To					Diamete	er		
	(ft)				•	ft)					(in)			
	0					20					11.5			
	20				1	78					7.5			
Add Row (	+)													
12. Results of	Well Y	ield Te	esting											
Pumping Dis	continue	ed												
Explain														
If flowing give ra	ate													
Flowing _					(	GPM)								
Draw down			1						1		1	1		<del></del>
Time (min)	Static Level	1	2	3	4	5	10	15	20	25	30	40	50	60
Water Level (ft)	23.2	26.0	27.3	28.0	30.0	31.4	42.4	54.9	64.4	75.6	87.7	108.5	129.2	148.0
Recovery			1				1	Γ		Γ		Γ	T	
Time (min	1)	1	2	3	4	5	10	15	20	25	30	40	50	60
Water Lev (ft)	el	146.0	143.3	142.7	142.2	141.7	140.2	138.8	136.1	133.2	130.7	125.8	120.8	15.9
After test of well	yield, w	ater wa	S					l		l		l	· L	
✓ Clear and sa	nd free	Oth	ner (spec	cify)										
Pump intake set	t at Pun	nping ra	ite	Duratio	n of pun	nping		Final w	ater leve	el end of	pumping	g Di:	sinfected	? *
168	(ft) 3		(GPM)	1	hrs -	+ 00		148			(ft)	<b>✓</b>	Yes	] No
Recommended	pump de	•		mended	pump ra		ell produ	ction						
170		* *	3		(GF	PM) 0.	5		(GPM)					
13. Map of We														
Map 1. Please Cli	ck the ma	ap area b	elow to in	mport an	image file	e to use	as the ma	ıp.	☐ Ma	ke map a	area big	ger		_

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14. Information		
Well owner's information package delivered  ✓ Yes ☐ No	Date Package Delivered (yyyy/mm/dd) 2021/10/04	Date Work Completed (yyyy/mm/dd) * 2021/01/12
Comments		

	ne of Well Contractor  Vell Drilling Ltd.	*			Well Control 7560	ractor's Licen	se Number *
Business Add	dress						
Unit Number	Street Number 4852	Street Name Highway 7	e *				
City/Town/Villa Omemee	age *			Prov ON	vince		Postal Code * K0L 2W0
Business Tele 705-799-708	p	usiness Email / welldrilling@g		1			
Last Name of Guthrie	Well Technician *		First Name of Well Techni <mark>Ken</mark>	cian *		Well Technic 4198	ian's License Number
16. Declarat	ion *						
✓ I hereby co	-	erson who cor	nstructed the well and I he	reby c	onfirm that	the information	on on the form is corre
Last Name Foster		First Nai Garry	me		Email Add	ress ing@gmail.c	com
Signature		•			Date Subr	mitted (yyyy/m	nm/dd)
Carry E	oster		signed by Garry Foster 22.02.10 21:45:01 -05'00'			2022	/02/10

 Validate
 Save Form
 Print Form

 Clear Form

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Audit Number B5IW 5HIF

# Well Record - Regulation 903

Ontario Water Resources Act

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Street Number/Name and City/town/Village must be provided, if available.

Geographic Township, Concession and Lot must be reported if the well is located in an area where such information exists.

UTM Coordinates must be recorded each time a Well Record is completed. Click the button [Test UTM in Map] to use the UTM Coordinates to plot the location to Google map. This allows verification of the UTM Coordinates. This will also automatically populate the County/District.

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#### Overburden and Bedrock Materials

For each formation encountered during construction, choose words from the lists that best describe the formation on the basis of general colour, most common material, other materials, and general description of the formation. General Colours are White, Yellow, Grey, Brown, Blue, Red, Green and Black.

Examples of Materials are: Fill, Silt, Top Soil, Coarse Sand, Slate, Muck, Gravel, Limestone, Dolomite, Quartzite, Peat, Stones, Fine Sand, Shale, Granite, Clay, Boulders, Medium Sand, Sandstone, and Greenstone. Some definitions are as follows:

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Examples of General Descriptions are Loose, Cemented, Previously Dug or Bored, Porous, Layered, Previously Drilled, Dense, Soft, Wood Fragments, Packed, Hard.

#### **Abandonment**

To report abandonment of a well, check off the applicable box in Type on the top of the form. Details of abandonment must be recorded in the Abandonment and Sealing Section. Additional comments may be entered in the comments box under the Information section.

#### **Annular Space**

Record all material placed in the annular space around the single casing or around the permanent outer casing. If the well is a telescoped well [i.e., a well with an outer casing and inner casing(s)] or if the well is a multi-level nested test hole, report the depth from, depth to, material and volume placed for the annular space between two different sized casings or between the inner casing(s) and the side of the well in the "Comments" area of this electronic well record form.

#### **Method of Construction**

If the equipment used to construct the well is not on the list, check "Other (specify)" and record the type of equipment, check each equipment that applies.

#### Well Use

If the well's use is not provided on the list, check "Other (specify)" and record the use of the well. If the well has multiple uses, check each use that applies.

#### Status of Well

If the well's status is not provided on the list, check "Other (specify)" and record the use of the well. If the well has multiple statuses, check each use that applies.

#### **Construction Record – Casing and Open Hole**

Use negative values to report the top of casing above ground surface. For example, if the top of the casing is 0.4 metres above the ground surface and the bottom of the casing 6.0 metres below the ground surface, record the casing "Depth From" as -0.4.

If the top of casing is located below the ground surface (e.g., if a test hole is constructed and the top of casing is located below the ground surface in a flush mounted well vault), report the top of the casing from below ground surface. For example, if the top of the casing is 0.1 metres below the ground surface and the bottom of the casing is 6 metres below the ground surface, record the casing "Depth From" as 0.1.

**Note:** If a drive shoe is used, the shoe is considered casing and it must be reported if the shoe has a different inside diameter thickness.

If a portion of the well was created an open hole, record the location of the open hole on a separate row, including the diameter and the depth (top and bottom of open hole) from the ground surface.

#### **Construction Record - Well Screen**

A "well screen" means perforated pipe or tubing, unsealed concrete tiles or other material installed in a well to filter out particulate matter and form the water intake zone. Therefore, the length of a well screen includes any slotted or perforated area and unsealed area of pipe or tiles.

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- if groundwater was located, record the depth from the ground surface to the location of the groundwater resource, and
- record if the groundwater quality is "Untested," "Fresh" (i.e., not salty), or "Other (specify)." If "Other (specify)" is
  recorded, use the "Other (specify)" dropdown list toselect the type of groundwater (e.g., salty, blackish water,
  yellowish water, mineralized, etc.).

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Check off "Gas" if natural gas was encountered during well construction.

**Note:** Natural gas encounters need to be immediately reported to the ministry at 1-800-268-6060, well purchaser and the owner of the land.

#### **Results of Well Yield Testing**

Check off "Pumping Discontinued" if pumping was discontinued before 1 hour of continuous pumping. Explain the reason why pumping was discontinued or in some cases not performed (e.g., the well went dry, impossible to install pump in small diameter well, static water level from test hole or dewatering well was obtained and is reported instead of completing a yield test etc.).

**Note:** Equipment breakdown is not an acceptable reason for checking off "Pumping Discontinued" on the well record form. If groundwater in the well is flowing out of the well, provide the rate of flow, and check off "Flowing Well" (i.e., static water level above the ground surface).

In the "Results of Well Yield Testing" section of the well record form, record:

- the depth to the intake of the pump.
- the rate of pumping and duration of pumping period during the yield test,
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#### **Declaration**

Check the declaration statement to confirm that the person constructing the well agrees with the following statement: "I hereby confirm that I am the person who constructed the well and I hereby confirm that the information on the form is correct and accurate".

#### **Validate**

Click the validate button. If there is no missing information, you will be asked to enter the well tag again to make sure the well tag is entered correctly (only enter the numeric portion of the tag number). The audit number will then be changed from "**incomplete**" to an assigned audit number. The signature field will then be available. Click on "signature" to enter the well technician's electronic signature. For instructions on how to create an electronic signature, please visit the Adobe Digital IDs website using the following link: <a href="https://helpx.adobe.com/acrobat/using/digital-ids.html">https://helpx.adobe.com/acrobat/using/digital-ids.html</a>

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# Well Record - Regulation 903

Ontario Water Resources Act

#### **Notice of Collection of Personal Information**

Personal information contained on this form is collected pursuant to sections 35-50 and 75(2) of the *Ontario Water Resources Act* and section 16.3 of the Wells Regulation. This information will be used for the purpose of maintaining a public record of wells in Ontario. This form and the information contained on the form will be stored in the Ministry's well record database and made publicly available. Questions about this collection should be directed to the Water Well Customer Service Representative at the Wells Help Desk, 125 Resources Road, Toronto Ontario M9P 3V6, at 1-888-396-9355 or wellshelpdesk@ontario.ca.

Fields marked with an asterisk (\*) are mandatory.

			( )		,									
											ell Tag N		r *	Help
T										A	319286			
Type *														
Construction	n	A	bandonn	nent										
Measurement	rec	orded in	1: *											
Metric		✓ Ir	mperial											
1. Well Own	er's	Infor	mation											
Last Name and	Fire	st Name	, or Orga	nization	is mandatory. *									
Last Name						F	irst Na	ame						
Organization Snowy Owl He	oldi	ngs Inc				E	mail A	ddress						
Current Addre	ss													
Unit Number		Street 5905	Number		eet Name * irlscourt Cres.					Town notik	/Village			
Country Canada					Province Ontario					tal Co /I 1K2		Tele	ephoi	ne Number
2. Well Loca	atio	n										•		
Address of We	ell L	ocation	l											
Unit Number	Str 38	eet Num 52	nber *	Street I Ganar	Name * aska Rd.					Towns Hope				
Lot 15-16	•			Conces 8	ssion			County/Dist						
City/Town Garden Hill				•				Province Ontario					Post	al Code
UTM Coordinat	es	Zone *	Easting	*	Northing *				Mur	nicipal	Plan an	d Subl	lot N	umber
NAD 83		17	708060	0	4881995		Test L	JTM in Map						
Other	'													
3. Overburde	n a	nd Bed	lrock Ma	aterial	*									
General Colo	ur	Most C	ommon I	Material	Other Materia	ls	(	General Des	cription	on	Depti	h From	1	Depth To
Well Depth *		11	11.5		(ft)									

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					(ft)	(ft)			
Brown		Gravel	Sand	Loose	0	3	_		
Brown		Sand	Clay	Soft	3	17	-		
Grey		Clay	Sand	Packed	17	37	-		
Grey		Clay	Stones	Soft	37	73	-		
Grey		Clay		Packed	73	102	-		
Grey		Clay	Sand	Soft	102	107	-		
Grey	(	Coarse Gravel	Sand	Loose	107	111.5	_		
Add Row (	(+)								
4. Annular Sp	ace *								
Depth From	Depth	n To	Type of Sealant Used (Ma	terial and Type)	Volume	Placed	_		
(ft)									
0	20		Bentonite Chips (	(50 lbs)	`	50			
0	20	20 Bentonite Slurry (40 gal) 40							
Add Row	Add Row (+)								
5. Method of	Constru	ıction *							
Cable Tool	R	otary (Conventional	l) Rotary (Reverse)	Boring Air pe	rcussion D	iamond	_		
☐ Jetting		iving Digging		☐ Augering ☐ Direct					
✓ Other (speci			, , ,						
6. Well Use *							_		
Public		Industrial	Cooling & Air Cor	nditioning					
✓ Domestic	[	Commercial	☐ Not Used	lattorning					
Livestock		Municipal	☐ Monitoring						
Irrigation	[	Test Hole	☐ Dewatering						
Other (speci	ify)								
							-		
7. Status of W				7					
✓ Water Supply	-		ment Well	Test Hole	ette oter och belle				
Recharge W		☐ Dewateri		Observation and/or Mo	_				
	Alteration (Construction)								
Abandoned,	, ,	pecify)					_		
Other (speci	ity)						-		
8. Construction	on Reco	ord - Casing * (us	e negative number(s) to ind	dicate depth above groun	d surface)				
Inside			erial (Galvanized, Fibreglas		Depth From	Depth To			
Diamete (in)	1	Concre	te, Plastic, Steel)	Thickness	(ft)	(ft)			
6.25			Steel	0.188	-2	108			
				3.130	_				

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Steel

0.188

105

108

5.25

Add Row (	(+)														
9. Construction Record - Screen															
Outside Diameter (in)			(Plas	Mat stic, Galv	erial anized,	Steel)			Slot Number	-	Depth (1	rFroi ft)	m	_	th To ft)
5.25				Stainles	ss Stee	l			30		10	80		11	1.5
Add Row (	(+)														
10. Water Det	ails														
Water found at I	Depth 1	11.5	(ft)	Gas	Kind of	f water	r Fres	h 🔽	Intested	O	ther				
Add Water Det	tails (+)														
11. Hole Diam	neter														
De	epth Fro	m			Dep	th To					Diamete	er			
	(ft)			•	·	ft)					(in)				
	0				-	20					11.5				
	20				11	1.5					7.5				
Add Row (	(+)														
12. Results of	f Well Y	ield Te	sting												
Pumping Dis	continue	ed													
Explain															
If flowing give ra	ate														
Flowing						(GPM)	)								
Draw down															
Time (min)	Static Level	1	2	3	4	5	5 10	15	20	25	30	4	0	50	60
Water Level (ft)	3.7	5.5	5.6	5.7	5.7	5.	7 5.7	5.7	5.7	5.7	5.7	5	.7	5.7	5.7
Recovery															
Time (mir	1)	1	2	3	4	5	10	15	20	25	30	40	)	50	60
Water Lev (ft)	el	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.	7	3.7	3.7
After test of well	•														
✓ Clear and sa	1		ner (spe												
Pump intake se		nping ra			n of pun	-			ater leve	el end of		g		infected	_
	(ft) 12		(GPM)			+ 00		5.7			(ft)		<b>~</b>	Yes	No
Recommended	pump d	•		ımended			Vell produc	ction	(OD!4)						
101		(ft)	15		(Gl	PM)   1	100		(GPM)						
13. Map of We	ell Loca	ation *													

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Make map area bigger

Map 1. Please Click the map area below to import an image file to use as the map.



Add Map (+)

**BKIO E4M7** 

Validate

14. Information	on										
Well owner's in  ✓ Yes  No	formation packa	ge delive	ered	Date Package Delivered (y 2021/10/04	yyy/r	mm/dd)	Date Work Con 2022/01/06	npleted (yyyy/mm/dd) *			
Comments k-packer and l gravel was pre	eader pipe abo	ove scre	en								
15. Well Cont	ractor and We	ell Tech	nician	Information							
Business Name Herb Lang We	e of Well Contracted Drilling Ltd.	tor *				Well Co 7560	ntractor's Licen	se Number *			
Business Address											
Unit Number	Street Number 4852		eet Nam hway 7								
City/Town/Villag	ge *				Prov ON	vince		Postal Code * K0L 2W0			
Business Telep 705-799-7088				Address gmail.com							
Last Name of V Guthrie	Vell Technician *			First Name of Well Technic Ken	cian *	,	Well Technic 4198	ian's License Number *			
16. Declaration	on *										
✓ I hereby cor and accurat		e person	who co	nstructed the well and I here	eby c	onfirm th	at the information	on on the form is correct			
Last Name Foster			First Na Garry	ame		Email A	.ddress rilling@gmail.c	com			
Signature						Date Su	ubmitted (yyyy/m	nm/dd)			
Garry Fo	oster	S		r signed by Garry Foster 022.02.10 21:40:29 -05'00'			2022	/02/10			
17. Ministry U	Jse Only										
Audit Number											

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Clear Form

**Print Form** 

Save Form

# Well Record - Regulation 903

Ontario Water Resources Act

#### General Instructions and Explanations for completing a Well Record

A completed electronic Well Record Form must be delivered to the well purchaser and the owner of the land on which the well is situated within 14 days after the date on which the well's structural stage is complete. The electronic Well Record must also be forwarded within 30 days after the date on which the well's structural stage is complete to the ministry through email to the following email address: WellRecordSubmission@ontario.ca

#### **False and Misleading Information**

Subsection 98(2) of the Ontario Water Resources Act, R.S.O. 1990 c. O. 40, states that:

"No person shall orally, in writing or electronically, give or submit false or misleading information in any statement, document or data, to any provincial officer, the Minister, the Ministry or the Agency, any employee in or agent of the Ministry or the Agency, or any person involved in carrying out a program of the Ministry or the Agency in respect of any matter related to this Act or the regulations."

Further, subsection 98(3) of the Act states that:

"No person shall include false or misleading information in any document or data required to be created, stored or submitted under this Act."

#### Measurements

All measurements must be recorded in the specified unit, metric or imperial by checking off the applicable box on the top of the form. You must use the checked unit consistently throughout the well record. Measurements must be reported to 1/10th of a metre if the unit is a metre. All measurements of depth must be referenced to ground surface.

#### Well Owner's Information

A "well owner" means the owner of land upon which a well is situated and includes a tenant or lessee of the land and a well purchaser. If the "well owner" is an individual, record the owner's last name and first name or if the "well owner" is a business, government or other organization, record the name in the "organization" area.

#### **Well Location**

Street Number/Name and City/town/Village must be provided, if available.

Geographic Township, Concession and Lot must be reported if the well is located in an area where such information exists.

UTM Coordinates must be recorded each time a Well Record is completed. Click the button [Test UTM in Map] to use the UTM Coordinates to plot the location to Google map. This allows verification of the UTM Coordinates. This will also automatically populate the County/District.

Municipal Plan and Sublet Number may be provided, if available.

#### Overburden and Bedrock Materials

For each formation encountered during construction, choose words from the lists that best describe the formation on the basis of general colour, most common material, other materials, and general description of the formation. General Colours are White, Yellow, Grey, Brown, Blue, Red, Green and Black.

Examples of Materials are: Fill, Silt, Top Soil, Coarse Sand, Slate, Muck, Gravel, Limestone, Dolomite, Quartzite, Peat, Stones, Fine Sand, Shale, Granite, Clay, Boulders, Medium Sand, Sandstone, and Greenstone. Some definitions are as follows:

- Clay: Composed of very fine particles. Forms dense hard lumps or clods when dry and a very elastic putty-like mass when wet. It can be rolled between fingers to form a long, flexible ribbon.
- Silt: Grain size, midway between sand and clay. It may form clods which, when broken, feel soft and floury. When moist, it will form a cast that can be handled freely without breaking. Rolled between thumb and finger, it will not "ribbon" but will give a broken appearance.

- Sand: Grains are loose and granular and may be seen and felt readily. Squeezed in the hand when dry, it falls
  apart when the pressure is released. Squeezed when moist, it will form a cast that will crumble when touched.
  Should be listed as fine sand, medium sand or coarse sand.
- Gravel: Rock fragments greater than 0.3 cm in diameter.

Examples of General Descriptions are Loose, Cemented, Previously Dug or Bored, Porous, Layered, Previously Drilled, Dense, Soft, Wood Fragments, Packed, Hard.

#### **Abandonment**

To report abandonment of a well, check off the applicable box in Type on the top of the form. Details of abandonment must be recorded in the Abandonment and Sealing Section. Additional comments may be entered in the comments box under the Information section.

#### **Annular Space**

Record all material placed in the annular space around the single casing or around the permanent outer casing. If the well is a telescoped well [i.e., a well with an outer casing and inner casing(s)] or if the well is a multi-level nested test hole, report the depth from, depth to, material and volume placed for the annular space between two different sized casings or between the inner casing(s) and the side of the well in the "Comments" area of this electronic well record form.

#### **Method of Construction**

If the equipment used to construct the well is not on the list, check "Other (specify)" and record the type of equipment, check each equipment that applies.

#### Well Use

If the well's use is not provided on the list, check "Other (specify)" and record the use of the well. If the well has multiple uses, check each use that applies.

#### Status of Well

If the well's status is not provided on the list, check "Other (specify)" and record the use of the well. If the well has multiple statuses, check each use that applies.

#### Construction Record – Casing and Open Hole

Use negative values to report the top of casing above ground surface. For example, if the top of the casing is 0.4 metres above the ground surface and the bottom of the casing 6.0 metres below the ground surface, record the casing "Depth From" as -0.4.

If the top of casing is located below the ground surface (e.g., if a test hole is constructed and the top of casing is located below the ground surface in a flush mounted well vault), report the top of the casing from below ground surface. For example, if the top of the casing is 0.1 metres below the ground surface and the bottom of the casing is 6 metres below the ground surface, record the casing "Depth From" as 0.1.

**Note:** If a drive shoe is used, the shoe is considered casing and it must be reported if the shoe has a different inside diameter thickness.

If a portion of the well was created an open hole, record the location of the open hole on a separate row, including the diameter and the depth (top and bottom of open hole) from the ground surface.

#### **Construction Record - Well Screen**

A "well screen" means perforated pipe or tubing, unsealed concrete tiles or other material installed in a well to filter out particulate matter and form the water intake zone. Therefore, the length of a well screen includes any slotted or perforated area and unsealed area of pipe or tiles.

#### **Water Details**

- if groundwater was located, record the depth from the ground surface to the location of the groundwater resource, and
- record if the groundwater quality is "Untested," "Fresh" (i.e., not salty), or "Other (specify)." If "Other (specify)" is
  recorded, use the "Other (specify)" dropdown list toselect the type of groundwater (e.g., salty, blackish water,
  yellowish water, mineralized, etc.).

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Check off "Gas" if natural gas was encountered during well construction.

**Note:** Natural gas encounters need to be immediately reported to the ministry at 1-800-268-6060, well purchaser and the owner of the land.

#### **Results of Well Yield Testing**

Check off "Pumping Discontinued" if pumping was discontinued before 1 hour of continuous pumping. Explain the reason why pumping was discontinued or in some cases not performed (e.g., the well went dry, impossible to install pump in small diameter well, static water level from test hole or dewatering well was obtained and is reported instead of completing a yield test etc.).

**Note:** Equipment breakdown is not an acceptable reason for checking off "Pumping Discontinued" on the well record form. If groundwater in the well is flowing out of the well, provide the rate of flow, and check off "Flowing Well" (i.e., static water level above the ground surface).

In the "Results of Well Yield Testing" section of the well record form, record:

- the depth to the intake of the pump.
- the rate of pumping and duration of pumping period during the yield test,
- the final water level when pumping stops,
- water level measurements made during pumping (drawdown) and recovery. All water level measurements must be referenced from below the ground surface for each time interval specified in the drawdown and recovery boxes.

If the water level measurements remain the same over a period of time, continue to measure and report the same water level measurement for the remaining pumping or recovery time intervals.

If pumping continuously for at least 1 hour, but the design of the well does not allow for water level measurements (e.g., driven point well), the person constructing the well is not required to report drawdown or recovery water level measurements.

#### Map of Well Location

In the "Map of Well Location" section of the well record form, click the map area to attach a map of the well location. The map must show sufficient information to locate the well, including:

- a mark on the map showing the well,
- a scale on the map, and
- where available, the name of the structure, street or surface water body nearest to the well.

Note: More than one map can be added to the well record form by clicking on "Add Map (+)" to add an additional map.

#### Information

Record any additional information (e.g., observations, tests, additional licensed well technicians who worked on the well, additional annular space details for a telescoped well or a multi-level nested test hole, reasons for not providing a well owner information package) in the comments area.

#### **Declaration**

Check the declaration statement to confirm that the person constructing the well agrees with the following statement: "I hereby confirm that I am the person who constructed the well and I hereby confirm that the information on the form is correct and accurate".

#### **Validate**

Click the validate button. If there is no missing information, you will be asked to enter the well tag again to make sure the well tag is entered correctly (only enter the numeric portion of the tag number). The audit number will then be changed from "**incomplete**" to an assigned audit number. The signature field will then be available. Click on "signature" to enter the well technician's electronic signature. For instructions on how to create an electronic signature, please visit the Adobe Digital IDs website using the following link: <a href="https://helpx.adobe.com/acrobat/using/digital-ids.html">https://helpx.adobe.com/acrobat/using/digital-ids.html</a>

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# Well Record - Regulation 903

Ontario Water Resources Act

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Fiel	lds	marke	d with	an	asterisk	(*)	) are mandatory.	

i icius markeu i	/VILII	an asic	iisk ( ) ai	Ciliano	atory	•								
										We	ell Tag N	umbei	r *	Help
										Α;	319297			
Type *														
✓ Construction	n	A	bandonn	nent										
Measurement	reco	orded in	n: *											
Metric		✓ Ir	mperial											
1. Well Own	er's	Infor	mation											
Last Name and	Fire	t Name	, or Orga	nizatior	n is m	andatory. *								
Last Name							First Na	ame						
Organization Snowy Owl He	oldiı	ngs Inc					Email A	Address						
Current Addre	SS													
Unit Number		Street 5905	Number			lame * ourt Cres.			City/ Man		/Village			
Country Canada		•		<b>-</b>		Province Ontario				al Co 1 1K2		Tele	phone	e Number
2. Well Loca	tio	n										· Į		
Address of We	ell L	ocation												
Unit Number	Str 38	eet Num <mark>52</mark>	nber *	Street Ganar						Town: Hope	•			
Lot 15-16				Conce 8	ssion			County/Dist						
City/Town Garden Hill				L				Province Ontario					Posta	l Code
UTM Coordinat	es	Zone *	Easting	*	No	rthing *		I	Mun	icipal	Plan and	d Subl	ot Nu	mber
NAD 83		17	70824	4	48	881625	Test I	JTM in Map						
Other														
3. Overburde	n a	nd Bed	rock Ma	aterial	*									
General Colo	ur	Most C	ommon I	Material	I	Other Materials		General Des	criptio	on	Depth	From	1	Depth To
Well Depth *		1	43		(f	ft)	,			·			•	

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					(ft)	(ft)				
Brown	Тор	osoil		Soft	0	2	-			
Brown	Sa	and	Clay	Packed	2	11	-			
Grey	CI	lay	Stones	Soft	11	75	-			
Grey	CI	ay		Packed	75	90	-			
Grey	CI	lay	Sand	Layered	90	137	-			
Grey	Gra	avel	Sand	Cemented	137	140	-			
Grey	Sh	ale	Gravel	Hard	140	142	-			
Grey Limestone Hard 142 143										
Add Row (	(+)					•				
4. Annular Sp	oace *									
Depth From	Depth To	-	Гуре of Sealant Used (N	Material and Type)	Volume	e Placed				
(ft)	(ft)				(cubi	c feet)				
0	20		Bentonite Chip	os (50 lbs)	5	50	-			
0	20		Bentonite Slurr	ry (40 gal)	4	10	-			
Add Row	(+)	l					_			
5. Method of	Construction	*								
Cable Tool	Rotary (C	onventional)	Rotary (Reverse	) Boring Air perd	cussion Di	iamond	_			
Jetting	Driving	Digging	Rotary (Air)	Augering Direct F	Push					
✓ Other (speci	ify) DR-12W						_			
6. Well Use *										
Public	Indu	ustrial	Cooling & Air C	Conditioning			_			
✓ Domestic	Con	nmercial	Not Used							
Livestock	Mur	nicipal	Monitoring							
Irrigation	Tes	t Hole	 Dewatering							
Other (speci	ify)						_			
7. Status of V	Vell *									
✓ Water Supply		Replacem	nent Well	Test Hole						
Recharge W	_	 Dewaterir		Observation and/or Moni	toring Hole					
					=					

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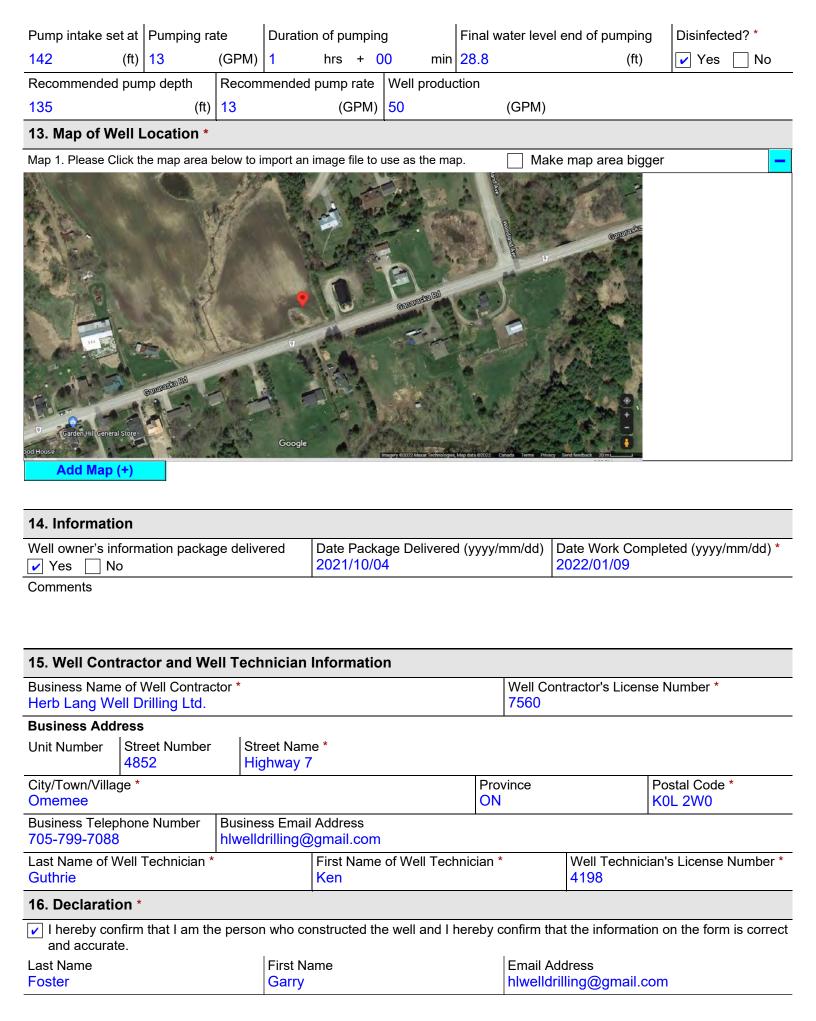
Alteration (Construction) Abandoned, Insufficient Supply Abandoned, Poor Water Quality

Abandoned, other (specify)

Other (specify)

Inside		Open H		laterial (C			eglass,	-	Wall		Depth	From	Dept	:h To
Diametei (in)	r		Con	crete, Pla	astic, Ste	eel)		I	hicknes	S		t)		t)
6.25				Ste	el				0.188			<u>2</u>		12
6				Open								- 12		13
Add Row (	<b>(+)</b>			Орон	11010						•		•	
9. Construction		ord - Sc	reen											
Outside	II			Mate					Slot					
Diametei (in)	r		(Plast	ic, Galva	nized, S	Steel)			Number			From t)	-	th To t)
(111)											(1	ι)	(1	ι)
Add Row (	(+)													
10. Water Det														
Water found at l	Depth 14	12	(ft)	Gas	Kind of	water [	Fresh	า <b>ไ</b>	ntested		ther			
Add Water Det		· <u>-</u>	(14)											
11. Hole Diam	neter	•												
De	epth Fror	n			Dept	h To					Diamete	er		
	(ft)			(ft)							(in)			
	0				20	0					11.5			
	20				14	12					7.5			
	142				14	13					6			
Add Row (	(+)													
12. Results of	f Well Y	ield Te	sting											
Pumping Dis	scontinue	ed												
Explain														
If flowing give ra	ate													
Flowing					(0	GPM)								
Draw down		1	1		1		1			1	1	1	1	Г
Time (min)	Static Level	1	2	3	4	5	10	15	20	25	30	40	50	60
Water Level (ft)	20.8	21.5	22.1	23.6	23.0	23.3	24.6	25.8	26.7	26.9	27.6	28.1	28.5	28.8
Recovery	·			·										
Time (mir	1)	1	2	3	4	5	10	15	20	25	30	40	50	60
Water Lev	el	26.4	25.9	25.6	25.4	25.2	25.0	24.8	24.7	24.5	22.5	22.0	21.6	21.2

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Signature

**Garry Foster** 

Digitally signed by Garry Foster Date: 2022.02.10 21:35:22 -05'00'

Date Submitted (yyyy/mm/dd) 2022/02/10

17. Ministry Use Only

**Audit Number** 

FMNT C5WE

Validate

Save Form

**Print Form** 

**Clear Form** 

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# Appendix C Laboratory Certificates of Analysis



**Final Report** 

C.O.C.: --- REPORT No. B22-03220

Client I.D.

**Report To:** 

The Greer Galloway Group

1620 Wallbridge-Loyalist Road, RR #5, Belleville Ontario K8N 4Z5 Canada

**Attention:** David Cooper

DATE RECEIVED: 02-Feb-22

DATE REPORTED: 09-Feb-22 SAMPLE MATRIX: Groundwater **Caduceon Environmental Laboratories** 

285 Dalton Ave

Kingston Ontario K7K 6Z1

Tel: 613-544-2001 Fax: 613-544-2770

JOB/PROJECT NO.: Garden Hill 2138438

P.O. NUMBER: WATERWORKS NO.

A319286

			Ciletit I.D.		A319200		
			Sample I.D.		B22-03220-1		
			Date Collecte	ed	01-Feb-22		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Total Coliform	cfu/100mL	1	MOE E3407	02-Feb-22/K	0		
E coli	cfu/100mL	1	MOE E3407	02-Feb-22/K	0		
Background	cfu/100mL	1	SM9222B	02-Feb-22/K	1		
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	03-Feb-22/O	170		
pH @25°C	pH Units		SM 4500H	03-Feb-22/O	8.05		
Conductivity @25°C	µmho/cm	1	SM 2510B	04-Feb-22/O	339		
Colour	TCU	2	SM 2120C	07-Feb-22/O	< 2		
Turbidity	NTU	0.1	SM 2130	07-Feb-22/O	2.3		
Fluoride	mg/L	0.1	SM4110C	03-Feb-22/O	< 0.1		
Chloride	mg/L	0.5	SM4110C	03-Feb-22/O	1.7		
Nitrite (N)	mg/L	0.1	SM4110C	03-Feb-22/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	03-Feb-22/O	< 0.1		
Sulphate	mg/L	1	SM4110C	03-Feb-22/O	9		
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	03-Feb-22/K	0.3		
Ammonia + Ammonium (N)	mg/L	0.01	SM4500- NH3-H	03-Feb-22/K	0.27		
Organic Nitrogen	mg/L	0.1	E3516.2	07-Feb-22/K	< 0.1		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	03-Feb-22/O	3.4		
Sulphide	mg/L	0.01	SM4500-S2	04-Feb-22/K	< 0.01		
Phenolics	mg/L	0.001	MOEE 3179	04-Feb-22/K	< 0.001		
Tannins and Lignins	mg/L	0.5	SM5500B	08-Feb-22/K	< 0.5		
Hardness (as CaCO3)	mg/L	1	SM 3120	04-Feb-22/O	165		
Calcium	mg/L	0.02	SM 3120	04-Feb-22/O	33.9		
Copper	mg/L	0.002	SM 3120	04-Feb-22/O	< 0.002		
Iron	mg/L	0.005	SM 3120	04-Feb-22/O	0.126		
Magnesium	mg/L	0.02	SM 3120	04-Feb-22/O	19.4		
Manganese	mg/L	0.001	SM 3120	04-Feb-22/O	0.029		
Potassium	mg/L	0.1	SM 3120	04-Feb-22/O	1.3		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an \* Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

Richard Lecompte
Laboratory Supervisor

R. Lear Jo



**Final Report** 

C.O.C.: --- REPORT No. B22-03220

Report To:

**Caduceon Environmental Laboratories** 

The Greer Galloway Group

285 Dalton Ave Kingston Ontario K7K 6Z1

1620 Wallbridge-Loyalist Road, RR #5, Belleville Ontario K8N 4Z5 Canada

Tel: 613-544-2001 Fax: 613-544-2770

**Attention:** David Cooper

JOB/PROJECT NO.: Garden Hill 2138438

DATE RECEIVED: 02-Feb-22 DATE REPORTED: 09-Feb-22

P.O. NUMBER:

SAMPLE MATRIX: Groundwater

WATERWORKS NO.

			Client I.D.		A319286		
			Sample I.D.		B22-03220-1		
			Date Collect	ed	01-Feb-22		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Silica	mg/L	0.02	SM 3120	04-Feb-22/O	20.5		
Sodium	mg/L	0.2	SM 3120	04-Feb-22/O	9.5		
Zinc	mg/L	0.005	SM 3120	04-Feb-22/O	< 0.005		

R. Lea Jos

R.L. = Reporting Limit

Richard Lecompte Laboratory Supervisor

Test methods may be modified from specified reference method unless indicated by an \* Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie



**Final Report** 

C.O.C.: --- REPORT No. B22-03427

Client I.D.

**Report To:** 

The Greer Galloway Group

1620 Wallbridge-Loyalist Road, RR #5, Belleville Ontario K8N 4Z5 Canada

**Attention:** David Cooper

DATE RECEIVED: 04-Feb-22

DATE REPORTED: 11-Feb-22 SAMPLE MATRIX: Groundwater **Caduceon Environmental Laboratories** 

285 Dalton Ave

Kingston Ontario K7K 6Z1

Tel: 613-544-2001 Fax: 613-544-2770

JOB/PROJECT NO.: Garden Hill 2138438

P.O. NUMBER: WATERWORKS NO.

A319288

						<u> </u>	1
			Sample I.D.		B22-03427-1		
			Date Collecte	ed	02-Feb-22		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Total Coliform	cfu/100mL	1	MOE E3407	04-Feb-22/K	0		
E coli	cfu/100mL	1	MOE E3407	04-Feb-22/K	0		
Background	cfu/100mL	1	SM9222B	04-Feb-22/K	29		
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	07-Feb-22/O	158		
pH @25°C	pH Units		SM 4500H	07-Feb-22/O	8.23		
Conductivity @25°C	µmho/cm	1	SM 2510B	07-Feb-22/O	497		
Colour	TCU	2	SM 2120C	09-Feb-22/O	< 2		
Turbidity	NTU	0.1	SM 2130	09-Feb-22/O	7.3		
Fluoride	mg/L	0.1	SM4110C	07-Feb-22/O	0.3		
Chloride	mg/L	0.5	SM4110C	07-Feb-22/O	66.3		
Nitrite (N)	mg/L	0.1	SM4110C	07-Feb-22/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	07-Feb-22/O	< 0.1		
Sulphate	mg/L	1	SM4110C	07-Feb-22/O	1		
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	07-Feb-22/K	10.3		
Ammonia + Ammonium (N)	mg/L	0.01	SM4500- NH3-H	08-Feb-22/K	0.52		
Organic Nitrogen	mg/L	0.1	E3516.2	11-Feb-22/K	9.8		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	07-Feb-22/O	0.5		
Sulphide	mg/L	0.01	SM4500-S2	09-Feb-22/K	< 0.01		
Phenolics	mg/L	0.001	MOEE 3179	07-Feb-22/K	< 0.001		
Tannins and Lignins	mg/L	0.5	SM5500B	08-Feb-22/K	< 0.5		
Hardness (as CaCO3)	mg/L	1	SM 3120	08-Feb-22/O	159		
Calcium	mg/L	0.02	SM 3120	08-Feb-22/O	31.8		
Copper	mg/L	0.002	SM 3120	08-Feb-22/O	< 0.002		
Iron	mg/L	0.005	SM 3120	08-Feb-22/O	0.356		
Magnesium	mg/L	0.02	SM 3120	08-Feb-22/O	19.4		
Manganese	mg/L	0.001	SM 3120	08-Feb-22/O	0.010		
Potassium	mg/L	0.1	SM 3120	08-Feb-22/O	2.5		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an \* Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

Richard Lecompte
Laboratory Supervisor

R. Lear Jo

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**Final Report** 

C.O.C.: --- REPORT No. B22-03427

Report To:

The Greer Galloway Group

1620 Wallbridge-Loyalist Road, RR #5, Belleville Ontario K8N 4Z5 Canada

**Attention:** David Cooper

DATE RECEIVED: 04-Feb-22

DATE REPORTED: 11-Feb-22 SAMPLE MATRIX: Groundwater Caduceon Environmental Laboratories

285 Dalton Ave

Kingston Ontario K7K 6Z1

Tel: 613-544-2001 Fax: 613-544-2770

JOB/PROJECT NO.: Garden Hill 2138438

P.O. NUMBER: WATERWORKS NO.

			Client I.D.		A319288		
			Sample I.D.		B22-03427-1		
			Date Collect	ed	02-Feb-22		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Silica	mg/L	0.02	SM 3120	08-Feb-22/O	16.1		
Sodium	mg/L	0.2	SM 3120	08-Feb-22/O	51.5		
Zinc	mg/L	0.005	SM 3120	08-Feb-22/O	0.009		

R. Jew Jo

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an \* Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

Richard Lecompte Laboratory Supervisor



Final Report

C.O.C.: DW117649 REPORT No. B22-03442

**Report To:** 

The Greer Galloway Group

1620 Wallbridge-Loyalist Road, RR #5, Belleville Ontario K8N 4Z5 Canada

**Attention:** David Cooper

DATE RECEIVED: 04-Feb-22

DATE REPORTED: 11-Feb-22

SAMPLE MATRIX: Groundwater

**Caduceon Environmental Laboratories** 

110 West Beaver Creek Rd Unit 14

Richmond Hill ON L4B 1J9

Tel: 289-475-5442 Fax: 289-562-1963

JOB/PROJECT NO.: Garden Hill 2138438

P.O. NUMBER: 2138438

WATERWORKS NO.

			Client I.D.:		A319297	OD	ws
			Sample I.D.:		B22-03442-1	01 : :	Type of
			Date Collecte	d:	03-Feb-22	Objective	Objective
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Total Coliform	cfu/100mL	1	MOE E3407	05-Feb-22/K	0	0	MAC
E coli	cfu/100mL	1	MOE E3407	05-Feb-22/K	0	0	MAC
pH @25°C	pH Units		SM 4500H	07-Feb-22/O	8.15	6.5-8.5	OG
Conductivity @25°C	µmho/cm	1	SM 2510B	07-Feb-22/O	660		
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	07-Feb-22/O	176	30-500	OG
Hardness (as CaCO3)	mg/L	1	SM 3120	08-Feb-22/O	180	500,80-100	ODWO,OG
Chloride	mg/L	0.5	SM4110C	08-Feb-22/O	105	250	AO
Fluoride	mg/L	0.1	SM4110C	08-Feb-22/O	0.2	1.5	MAC
Nitrite (N)	mg/L	0.1	SM4110C	08-Feb-22/O	< 0.1	1	MAC
Nitrate (N)	mg/L	0.1	SM4110C	08-Feb-22/O	< 0.1	10	MAC
Sulphate	mg/L	1	SM4110C	08-Feb-22/O	< 1	500	AO
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	07-Feb-22/O	0.3	5	AO
Colour	TCU	2	SM 2120C	09-Feb-22/O	< 2	5	AO
Turbidity	NTU	0.1	SM 2130	09-Feb-22/O	1.5	5	AO
Sulphide	mg/L	0.01	SM4500-S2	09-Feb-22/K	0.01	0.05	AO
o-Phosphate (P)	mg/L	0.002	PE4500-S	08-Feb-22/K	0.008		
Ammonia + Ammonium (N)	mg/L	0.01	SM4500- NH3-H	08-Feb-22/K	0.47		
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	07-Feb-22/K	1.2		
Organic Nitrogen	mg/L	0.1	E3516.2	11-Feb-22/K	8.0	 0.15	OG
Tannins and Lignins	mg/L	0.5	SM5500B	08-Feb-22/K	< 0.5		
Phenolics	mg/L	0.001	MOEE 3179	07-Feb-22/K	< 0.001		
Calcium	mg/L	0.02	SM 3120	08-Feb-22/O	33.2		
Magnesium	mg/L	0.02	SM 3120	08-Feb-22/O	23.5		

ODWS - Ontario Drinking Water Standards

AO - Aesthetic Objectives

IMAC - Interim Maximum Acceptable Concentration

MAC - Maximum Acceptable Concentration

ODWO - D-5-5 Objective OG - Operational Guidelines

WL - Warning Level - Sodium Restricted Diets

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an \*

Site Analyzed=K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill, B-Barrie

Christine Burke Lab Manager

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.



**Final Report** 

C.O.C.: DW117649 REPORT No. B22-03442

**Report To:** 

The Greer Galloway Group

1620 Wallbridge-Loyalist Road, RR #5, Belleville Ontario K8N 4Z5 Canada

**Attention:** David Cooper

DATE RECEIVED: 04-Feb-22

DATE REPORTED: 11-Feb-22

SAMPLE MATRIX: Groundwater

**Caduceon Environmental Laboratories** 

110 West Beaver Creek Rd Unit 14

Richmond Hill ON L4B 1J9

Tel: 289-475-5442

Fax: 289-562-1963

JOB/PROJECT NO.: Garden Hill 2138438

P.O. NUMBER: 2138438

WATERWORKS NO.

			Client I.D.:		A319297	OD	ws
			Sample I.D.:		B22-03442-1	Objective	Type of
			Date Collecte	ed:	03-Feb-22	Objective	Objective
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed		-	
Potassium	mg/L	0.1	SM 3120	08-Feb-22/O	2.7		
Sodium	mg/L	0.2	SM 3120	08-Feb-22/O	77.8	200,20	AO,WL
Copper	mg/L	0.002	SM 3120	08-Feb-22/O	< 0.002	1	AO
Iron	mg/L	0.005	SM 3120	08-Feb-22/O	0.255	0.3	AO
Manganese	mg/L	0.001	SM 3120	08-Feb-22/O	0.008	0.05	AO
Silica	mg/L	0.02	SM 3120	08-Feb-22/O	16.4		
Zinc	mg/L	0.005	SM 3120	08-Feb-22/O	< 0.005	5	AO
Anion Sum	meq/L		Calc.	09-Feb-22/O	6.48		
Cation Sum	meq/L		Calc.	09-Feb-22/O	7.09		
% Difference	%		Calc.	09-Feb-22/O	4.52		
TDS(ion sum calc.)	mg/L	1	Calc.	09-Feb-22/O	348	500	AO
Conductivity (calc.)	µmho/cm		Calc.	09-Feb-22/O	680		

ODWS - Ontario Drinking Water Standards

AO - Aesthetic Objectives

IMAC - Interim Maximum Acceptable Concentration

MAC - Maximum Acceptable Concentration

ODWO - D-5-5 Objective OG - Operational Guidelines

WL - Warning Level - Sodium Restricted Diets

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an \*

Site Analyzed=K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill, B-Barrie

Christine Burke Lab Manager

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**Final Report** 

C.O.C.: DW117713 REPORT No. B22-07330

**Report To:** 

The Greer Galloway Group

1620 Wallbridge-Loyalist Road, RR #5, Belleville Ontario K8N 4Z5 Canada

Attention: David Cooper

DATE RECEIVED: 17-Mar-22

DATE REPORTED: 24-Mar-22 SAMPLE MATRIX: Drinking Water **Caduceon Environmental Laboratories** 

110 West Beaver Creek Rd Unit 14

Richmond Hill ON L4B 1J9

Tel: 289-475-5442 Fax: 289-562-1963

JOB/PROJECT NO.: Garden Hill 2138438

P.O. NUMBER:

WATERWORKS NO.

			Client I.D.:		A319287	10	ows
			Sample I.D.:		B22-07330-1		Type of
			Date Collecte	d:	16-Mar-22	<u>Objective</u>	Objective
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Total Coliform	cfu/100mL	1	MOE E3407	17-Mar-22/B	NDOGT 1	0	MAC
E coli	cfu/100mL	1	MOE E3407	17-Mar-22/B	NDOGT 1	0	MAC
Background	cfu/100mL	1	MOE E3407	17-Mar-22/B	NDOGT 1		
pH @25°C	pH Units		SM 4500H	21-Mar-22/O	8.43	6.5-8.5	OG
Conductivity @25°C	µmho/cm	1	SM 2510B	18-Mar-22/O	604		
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	18-Mar-22/O	67	30-500	OG
Hardness (as CaCO3)	mg/L	1	SM 3120	18-Mar-22/O	90	500,80-100	ODWO,OG
Chloride	mg/L	0.5	SM4110C	18-Mar-22/O	149	250	AO
Fluoride	mg/L	0.1	SM4110C	18-Mar-22/O	0.4	1.5	MAC
Nitrite (N)	mg/L	0.1	SM4110C	18-Mar-22/O	< 0.1	1	MAC
Nitrate (N)	mg/L	0.1	SM4110C	18-Mar-22/O	< 0.1	10	MAC
Sulphate	mg/L	1	SM4110C	18-Mar-22/O	< 1	500	AO
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	21-Mar-22/O	0.6	5	AO
Colour	TCU	2	SM 2120C	18-Mar-22/O	< 2	5	AO
Turbidity	NTU	0.1	SM 2130	21-Mar-22/O	64.9	5	AO
Sulphide	mg/L	0.01	SM4500-S2	23-Mar-22/K	< 0.05	0.05	AO
o-Phosphate (P)	mg/L	0.002	PE4500-S	22-Mar-22/K	0.015		
Ammonia + Ammonium (N)	mg/L	0.01	SM4500- NH3-H	22-Mar-22/K	0.45		
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	21-Mar-22/K	0.7		
Organic Nitrogen	mg/L	0.1	E3516.2	24-Mar-22/K	0.3	0.15	OG
Tannins and Lignins	mg/L	0.5	SM5500B	22-Mar-22/K	< 0.5		
Phenolics	mg/L	0.001	MOEE 3179	23-Mar-22/K	0.004		
Calcium	mg/L	0.02	SM 3120	18-Mar-22/O	17.2		

R.L. = Reporting Limit

Christine Burke

Test methods may be modified from specified reference method unless indicated by an \* Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie



**Final Report** 

C.O.C.: DW117713 **REPORT No. B22-07330** 

**Report To:** 

The Greer Galloway Group

1620 Wallbridge-Loyalist Road, RR #5, Belleville Ontario K8N 4Z5 Canada

Attention: David Cooper

DATE RECEIVED: 17-Mar-22

DATE REPORTED: 24-Mar-22 SAMPLE MATRIX: Drinking Water **Caduceon Environmental Laboratories** 

110 West Beaver Creek Rd Unit 14

Richmond Hill ON L4B 1J9

Tel: 289-475-5442 Fax: 289-562-1963

JOB/PROJECT NO.: Garden Hill 2138438

P.O. NUMBER: WATERWORKS NO.

			Client I.D.:		A319287	OD	ws
			Sample I.D.:		B22-07330-1	Ohioativa	Type of
			Date Collecte	d:	16-Mar-22	Objective	Objective
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Magnesium	mg/L	0.02	SM 3120	18-Mar-22/O	11.5		
Potassium	mg/L	0.1	SM 3120	18-Mar-22/O	1.9		
Sodium	mg/L	0.2	SM 3120	18-Mar-22/O	71.6	200,20	AO,WL
Copper	mg/L	0.002	SM 3120	18-Mar-22/O	< 0.002	1	AO
Iron	mg/L	0.005	SM 3120	18-Mar-22/O	6.94	0.3	AO
Lead	mg/L	0.00002	EPA 200.8	21-Mar-22/O	0.00017	0.01	MAC
Manganese	mg/L	0.001	SM 3120	18-Mar-22/O	0.209	0.05	AO
Silica	mg/L	0.02	SM 3120	18-Mar-22/O	0.61		
Zinc	mg/L	0.005	SM 3120	18-Mar-22/O	0.085	5	AO
Anion Sum	meq/L		Calc.	21-Mar-22/O	5.57		
Cation Sum	meq/L		Calc.	21-Mar-22/O	5.35		
% Difference	%		Calc.	21-Mar-22/O	2.01		
TDS(ion sum calc.)	mg/L	1	Calc.	21-Mar-22/O	299	500	AO
Conductivity (calc.)	µmho/cm		Calc.	21-Mar-22/O	590		

<sup>1</sup> NDOGT = No Data; Overgrown with target bacteria.

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an \*

Christine Burke

Site Analyzed=K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill, B-Barrie





Ontario	1. PRINT ONLY IN S		11	450	0893	88	4501	ن څ٥	<b>N</b>	108
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118 "	SALTY 4 MINERALS 6 GAS	1 STEEL 2 GALVANIZEE 3 CONCRETE 4 OPEN HOLE	188	0	118	61	PLUCCI	NG & SEA	LING PEC	
2	FRESH 3 SULPHUR 19 4 MINERALS 5 GAS	5 PLASTIC	19		20-23	DEPTH S	ET AT - FEET	MATERIAL AN	, ce	MENT GROUT PACKER, ETC.)
	☐ FRESH 3 □SULPHUR 24 ☐ SALTY 6 □GAS	1 □STEEL 2 □ GALVANIZEI 3 □ CONCRETE 4 □ OPEN HOLE	1 1			F ROM	10			THE RELIEF TO THE PARTY OF THE
	FRESH 3 SULPHUR 29 4 MINERALS SALTY 6 GAS	5 □ PLASTIC	26		27.30	10	-21 22-25			
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	2 MAILER WATER LEVEL 25	5 GPM	HOURS 17-			GRAM BELO	OW SHOW DISTAN	ICES OF WELL	FROM ROAD	AND
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WATER	2 STOCK 3 IRRIGATION 4 INDUSTRIAL	6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 0 ☐ COOLING OR AIR C	CONDITIONING							
USE	OTHER	. <i> </i>	NOT USED							
METHOD	1 Dr CABLE TOOL 2 ROTARY (CONVE	6 🗍 BORI ENTIONAL) 7 🗍 DIAM								
OF CONSTRUCT	3   ROTARY (REVER	SE) B _ JETTI 9 _ DRIVI	ING				I		7	1751
I Name or wer	S AIR PERCUSSION		WELL CONTRACTO		LERS REMAR			-62 DATE RECEIV	£D.	63-6B 80
	NOE GIEL	( DRETTO	3129	\\ \\ \	SOURCE		3129	9 SEF		90
ADDRESS	FSLAMI	)N6		USEO	DATE OF INSPE	LOTION	INSPECTO			
NAMI OF W	TELL TECHNICIAN	111	WELL TECHNICIAN	5 3	REMARKS					
SIGNATURE	OF TECHNICIAN / CONTRACTOR		19	OFFICE OF						CSS.ES
MINUOTE	OF THE ENVIRO	NIMENT COPY	NO. YR.	<b>=</b> []				*	FORM NO. 050	06 (11/86) FORM
MINISTE	RY OF THE ENVIRO	MAINIFIAI COLI								



FORM NO. 0506 (11/86) FORM 9

Ontario		SPACES PROVIDED  RECT BOX WHERE APPLICABLE	<u>11</u> 4	508988	MUNICIP 45,0,1,1	<sup>CON.</sup>   C   O   <b>N</b>	1 1 97
COUNTY OR DISTRICT	11	TOWNSHIP, BOROUGH, CITY, TOWN	rden Hil		n.7, sub/1		Pt 14
						DAY 03 NO 1	40-53 O YR 90
		ing Konlea	Ave., U	Shawa, Ontario	BASIN CODE	DAY UJ MO III	1 1V
1 2	м 10 12	17 18	24 25	26 30	31		<u> </u>
	Most	OG OF OVERBURDEN AND				DEPT	H - FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER MATERIALS	·	GENERA	L DESCRIPTION	FROM	TO
Black	Top Soil					0	1 1
Brown	Sand			· ·		1	4
Gray	Clay			soft		91	91
Gray	Clay Gravel	stones		ton hoon	:		109
Gray	Gravei	stones		water bear	ing	109	115
					T		
t							
31							لا ليل
32	14 15	32		<u>, , , , , , , , , , , , , , , , , , , </u>	لللللب	65	75 80
41 WA	TER RECORD	51 CASING & OPEN	11	CORD Z ISLOT		6 INCHES	3 FEET
AT - FEET	KIND OF WATER  FRESH 3 SULPHUR	DIAM MATERIAL THICKS	NESS		IAL AND TYPE	DEPTH TO TOP OF SCREEN	41-44 30
109-115 44	SALTY MINERALS	10-11 1 ASTEEL 2 GALVANIZED 3 CONCRETE			S.S.		112 FEET
2 [	☐ FRESH 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS	64 4 OPEN HOLE 5 PLASTIC .18	38 + 2		T AT - FEET	& SEALING REC	ORD
	□ FRESH 3 □SULPHUR 24 □ □ SALTY 6 □ GAS	1 □ STEEL 2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE		FROM	TO 14-17	LEAO LEAO	PACKER, ETC )
	FRESH 3 DSULPHUR 29 4 MINERALS 6 DGAS	5 □ PLASTIC  24-25 1 □ STEEL		27-30 0		enseal & Hole	plug
	FRESH 3 DSULPHUR 34 B	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC		26-2	9 30-33 80		
PUMPING TEST ME	THOD 10 PUMPING RAT				OCATION O	E WELL	
	Z BAILER	6 GPM3.15-16	17-18 MENS			OF WELL FROM ROAD	AND
STATIC LEVEL	END OF WATER	LEVELS DURING  T  PUMPIN  RECOVE  1 30 MINUTES   60	1 1		CATE NORTH BY ARE		A112
TES	26-	28 29-31 32-34	35-37 109 FEET		take	17	
IF FLOWING.	38-41 PUMP INTAKE	SET AT WATER AT END OF TEST	42				HWY #9
IF FLOWING. GIVE RATE  RECOMMENDED PL		PEET /	46-49				
SHALLON	W DEEP SETTING	108 FEET RATE	5 GPM		GARD	7 STORE EN HILL	
	1 WATER SUPPLY	5 ABANDONED, INSUFFICIENT	T SUPPLY		4//		
FINAL STATUS	2 OBSERVATION WE						
OF WELL	4 RECHARGE WELL	DEWATERING  5 COMMERCIAL					8 20
WATER	2 STOCK 3 IRRIGATION	6   MUNICIPAL 7   PUBLIC SUPPLY				1 2	8 X
USE	4   INDUSTRIAL	<ul> <li>□ COOLING OR AIR CONDITIONING</li> <li>9 □ NOT USED</li> </ul>	e		E 44	MI -> PARK ESTATES	
METUOD	57 CABLE TOOL	6 D BORING			RIVE	PARK ESTATES	
METHOD OF	PROTARY (CONVENT)  ROTARY (REVERS  ON 4 56 ROTARY (AIR)					Я	7171
CONSTRUCTI	ON 4 M ROTARY (AIR) 5 AIR PERCUSSION	DIGGING OT	HER	DRILLERS REMARKS	<u> </u>		
NAME OF WELL		well contilicence nu	IMBER	SOURCE	2662	NOV 1 4 19	90
ADDRESS	t & Sons Well I			DATE OF INSPECTION	INSPECTOR	1101 17 13	JU L
Box 85	O, R.R.#1, Fene	elon Falls, Ontario	INICIAN'S	S REMARKS			
Charlie Charlie	e Duggan	SUBMISSION DATE	UMBER	OFFICE			
	de utata	DAY MO	YR	O O		CS!	S.ES

Ontario	vironment	44741	450000	45011	
o mano		SPACES PROVIDED  RECT BOX WHERE APPLICABLE  1 2	4509030	Sublet 07	PK. 107
Northumbe		TOWNSHIP, BOROUGH, CITY, TOWN VILLAGE		con block tract survey etc	Lot 25-27 16
				DATE CO	MPLETED 48-53
		914 Dyer Court	C, Ochawa, ON	N L1K 1V8 DAY	20 MO 11 YR 90
1 2	M 10 12	17 18 24 2	5 26	30 31	47
	LO	OG OF OVERBURDEN AND BEDRO	OCK MATERIALS	(SEE INSTRUCTIONS)	DEPTH - FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	FROM TO
Black	Top Soil				0 3
Grey	Clay	Stones			3 10
Grey	Gravel	Clay			10 100
Grey	Silty clay	01			100 130
Grey	Gravel	Clay, water			130 148 148 149
Grey	Limestone	Rock			140 149
31					
32	14 15	32		54 65	75 40
WATER FOUND	ATER RECORD	51 CASING & OPEN HOLE	RECORD DEPTH - FEET	SIZE(S) OF OPENING 31-33 DIAM	INCHES FEET
AT - FEET	T FRESH 3 □ SULPHUR	DIAM MATERIAL THICKNESS INCHES F	ROM TO	MATERIAL AND TYPE	DEPTH TO TOP 41-44 30 OF SCREEN
140	SALTY 4 MINERALS 6 GAS  FRESH 3 CSULPHUR	1 MSTEEL 2 GALVANIZED 3 CONCRETE 4 COPEN HOLE	0 149 5	61 PLUGGING & SEA	FEET STATE OF THE
2	SALTY 6 Egas	5 □ PLASTIC 19 1 □ STEEL	20-23	DEPTH SET AT - FEET MATERIAL AL	CEMENT CROUT
2	☐ FRESH 3 ☐ SULPHUR 4 ☐ MINERALS ☐ SALTY 6 ☐ GAS 29	2 □GALVANIZED 3 □CONCRETE 4 □OPEN HOLE		FROM 10 10-13 14-17	EEAD PALKER. ETC.)
1	SALTY 6 GAS	5 □ PLASTIC  24-25  1 □ STEEL  2 □ GALVANIZED	27-30	18-21 22-25	
	☐ FRESH 3 ☐ SULPHUR 34 BG ☐ MINERALS ☐ SALTY 6 ☐ GAS	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC		26-29 30-33 80	
71 PUMPING TEST M	į.	l l		LOCATION OF WE	LL A
STATIC	2 MATER LEVEL 25 WATER I	8 GPM 3 HOURS 30 MINS	IN DIAGR. LOT LINE	AM BELOW SHOW DISTANCES OF WELL	L FROM ROAD AND
05 05	PUMPING 22-24 15 MINUTES	Z L RECOVERY  3D MINUTES 45 MINUTES 60 MINUTES	LOT LINE	GARDENHILL	(CRD 09)
9 IF FLOWING	100	ET FEET FEET FEET	<u> </u>		7
GIVE RATE	GPM	100 FEET 1 TKCLEAR 2 CLOUDY		<del></del>	-(CRD 10)
RECOMMENDED P	UMP TYPE RECOMMENDE PUMP SETTING	D 43-45 RECOMMENDED 46-49 PUMPING 8 GPM			, 9
50-53					)
FINAL STATUS	1 X WATER SUPPLY 2 OBSERVATION WE	S ABANDONED, INSUFFICIENT SUPPLY LL 6 ABANDONED POOR QUALITY	5	x /- /	
OF WELL	3 TEST HOLE 4 RECHARGE WELL	7 UNFINISHED  Dewatering		$\hat{\mathbf{A}}$	
WATER	55-56 1 DONESTIC	5 COMMERCIAL 6 MUNICIPAL			
USE	3   IRRIGATION 4   INDUSTRIAL	7 ☐ PUBLIC SUPPLY  ■ ☐ COOLING OR AIR CONDITIONING  ■ ☐ NOT USED		<del>←</del> .15	
	57 CABLE TOOL	6   BORING			
METHOD OF	2 A ROTARY ICONVEN 3 ROTARY (REVERSE	TIONAL) ?			90789
CONSTRUCT	ION 4   ROTARY (AIR) 5   AIR PERCUSSION	9   DRIVING   DIGGING   OTHER	DRILLERS REMARKS		30103
NAME OF WELL	LCONTRACTOR	WELL CONTRACTOR'S LICENCE NUMBER	DATA SOURCE	51 CONTRACTOR 53-62 DATE RECEIVE	
789 Er	ER WELL DRILLIN	IG CO. LTD. 2104	DATE OF INSPECTIO	ZIU4 DEC	1 0 1990
789 Er	skine Avenue, F	eterborough   WELL TECHNICIAN'S	S REMARKS		
Z George	Babcock	SUBMISSION DATE	OFFICE		
1 - 1 / '	, ,	DAY 20 MO. 11 YR90	OF		CSS.ES
,	Y OF THE ENVIRON			F	ORM NO. 0506 (11/86) FORM 9

### ATER WELL RECOR

45011 4509203 COM Sublot-08 Plan-Woodlands of Garden Hill 1. PRINT ONLY IN SPACES PROVIDED 2. CHECK 🗵 CORRECT BOX WHERE APPLICABLE TRACT, SURV TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE COUNTY OR DISTRICT 16 Conc. 08 DATE COMPLETED YR.91 5 Fostercreek Court, Newcastle, L1B 1E6 14 06 LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS DEPTH - FEET GENERAL DESCRIPTION MOST COMMON MATERIAL GENERAL COLOUR 1 0 Top Soil Brown 97 1 Sand Clay Grey 97 118 Clay Grey 124 118 Gravel Clay Grey 124 156 Clay Grey 156 160 Gravel Clay Grey 31 134 32 **CASING & OPEN HOLE RECORD** SCREEN WATER RECORD 51 41 EET WATER FOUND AT - FEET KIND OF WATER 1 X FRESH 2 SALTY 3 SULPHUR 4 MINERALS 6 GAS 1 STEEL
2 GALVANIZED
3 CONCRETE
4 OPEN HOLE
5 PLASTIC 160 1 | | | | | | | | | 3 SULPHUR
4 MINERALS
6 GAS 611 **PLUGGING & SEALING RECORD** 0 160 61 FRESH .188 FFFT MATERIAL AND TYPE FROM 2 G SALTY 1 🗆 FRESH 27-30 18-21 22-25 1 STEEL
2 GALVANIZED
3 CONCRETE
4 OPEN HOLE
5 PLASTIC 2 🗆 SALTY 3 □SULPHUR 4 □ MINERALS 6 □ GAS 26-29 30-33 80 1 - FRESH SALTY LOCATION OF WELL PUMPING TEST METHOD 15-16 HOURS Z 🗆 BAILER 30 AIR PUMP IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW. WATER LEVEL END OF PUMPING PUMPING RECOVERY WATER LEVELS DURING 60 MINUTES NUTES MINUTES 35-37 29-31 32-34 45 145 FFFT FEET INTAKE SET A 145 2 CLOUDY 1 XXCLEAR FEET RECOMMENDED PUMPING RATE RECOMMENDED PUMP TYPE 46-49 SETTING 5 срм 145 FEET XXEEP WATER SUPPLY
OBSERVATION WELL . ABANDONED, INSUFFICIENT SUPPLY 6 ABANDONED POOR QUALITY
7 UNFINISHED FINAL CRD10 0 **STATUS** 3 TEST HOLE OF WELL RECHARGE WELL DEWATERING DOMESTIC STOCK COMMERCIAL 6 MUNICIPAL WATER ☐ INRIGATION PUBLIC SUPPLY ■ ☐ COOLING OR AIR CONDITIONING USE ☐ INDUSTRIAL OTHER 9 | NOT USED BORING . [] CABLE TOOL METHOD 2 ROTARY (CONVENTIONAL)
3 ROTARY (REVERSE) 7 DIAMOND a DETTING OF ORD 9 AIR PERCUSSION 098652 9 DRIVING CONSTRUCTION OTHER DIGGING DRILLERS REMARKS well contractor licence number 2104 FAULKNER WELL DRILLING CO. LTD. DATE OF INSPECTION 789 Erskine Avenue, Peterborough REMARKS TECHNICIAN'S T013 OFFICE Robert McLean CSS.ES OF TEC

MINISTRY OF THE ENVIRONMENT COPY

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FORM NO. 0506 (11/86) FORM 9



Ontario ———		RECT BOX WHERE APPLICABLE	45094	10 14	COM. O. N.	
COUNTY OR DISTRICT	DEPT AND	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE		CON., BLOCK, TRACT, SURVEY	EIC	17"
		ADDEN UTT	ONTADIO	Lung	DAY 11 MO	46-53 7 YR. <b>91</b>
		ARDEN HILL,	ELEVATION	RC BASIN CODE	DAY MO	tV
1 2	M 10 12	17 18 24 25	26	30 31		47
	F	OG OF OVERBURDEN AND BEDRO	CK MATERIAL		DEPT	H - FEET
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	FROM	то
			T	OP SOIL	2	20
WHITE	CLAY				20	90
GREY	CLAY	GRAVEL, SAND		COARSE	90	94
BROWN	SAND	GRAVEL		CUARSE	90	74
						<u> </u>
	,					
						-
						_
	1 1 1 1 1 1		1 11 1			_ <del>  </del>
31   1	<u>.                                     </u>	<u> </u>		<u> </u>		1111
1 2 10	ATER RECORD	51 CASING & OPEN HOLE	RECORD	SIZE S OF OPENING	31-33 DIAMETER 34-38	15 80 LENGTH 39-40
WATER FOUND	KIND OF WATER	INSIDE WALL THICKNESS	DEPTH - FEET	Z (SLOT NO )  10  MATERIAL AND TYPE	6 INCHES	P 41-44 3
	FRESH 3 SULPHUR SALTY 4 MINERALS	INCHES INCHES  10-11 12 STEEL 12 GALVANIZED	13 -16	STAINLESS ST	EEL ° 87	2# FEET
15-18 1	FRESH 3 SULPHUR 19		94	61 PLUGGING	& SEALING REC	ORD
	FRESH 3 USULPHUR 24	17-14 🗔 19	20-23	DEPTH SET AT - FEET FROM TO		MENT GROUT
2	SALTY 6 GAS	3 □ CONCRETE 4 □ OPEN HOLE		O 10-13 10 14-17 I	BENSEAL GRO	UT
1	SALTY 6 GAS	24-25 1 STEEL 26 26 2 GALVANIZED	27-30	18-21 22-25		
	FRESH 3 50LPHUR 34 MINERALS SALTY 6 GAS	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC		26-29 30-33 80		
71 PUMPING TEST N	ETHOD 10 PUMPING F			LOCATION O	F WELL	
1 PUMP	WATER LEVEL 25	8 GPM 3 HOURS 00 MINS  1 DPMPING  R LEVELS DURING	IN DIA	AGRAM BELOW SHOW DISTANCE INE INDICATE NORTH BY AF	S OF WELL FROM ROAS	DAND
R TEAET	PUMPING 21 22-24 15 MINUT	Z   RECOVERY .	1	THE THE TENT		1
I⊢  <u>1</u> .5	84 FEET	26-28         29-31         32-34         35-37           FEET         FEET         FEET         FEET				10
IF FLOWING.	38-41 PUMP INTA	WATER AT END OF TEST 42  FEET 1 CLEAR 2 CLOUDY		T	0	
IF FLOWING. GIVE RATE  RECOMMENDED I	PUMP	RDED 43-45 RECOMMENDED 46-49		Carracary	Policy.	
50-53	OW TDEEP SETTING	93 FEET RATE 5 GPM	House	S. Comments		
FINAL	1 WATER SUPPLY					
STATUS OF WELL	2 OESERVATION 3 TEST HOLE	, UNFINISHED	WELL	HS0-11-50-1 5		
OF WELL	SS-S6 1 DOMESTIC	LL DEWATERING 5 COMMERCIAL	<u>† 1</u>	110		
WATER	2 STOCK 3 IRRIGATION	MUNICIPAL  PUBLIC SUPPLY	SHKOOL		<u> </u>	
USE	4   INDUSTRIAL	COOLING OR AIR CONDITIONING  NOT USED		<u> </u>	PROEN HILL	. 1 Cm
METHOD	57 CABLE TOOL	5 ☐ BORING VENTIONAL) 7 ☐ DIAMOND	1			
OF CONSTRUCT	3 GROTARY (REVE	RSE) B [] JETTING			1 0	5359
	5 AIR PERCUSSIO	ON DIGGING OTHER	DRILLERS REMAR			
1 1	LL CONTRACTOR	WELL CONTRACTOR'S	DATA SOURCE DATE OF INSP	58 CONTRACTOR 3 59-12 4 6 3 5	OCT 0 7 1	991 ""
BOBERT 5		RILLING Ltd 4635	w	ECTION INSPECTOR		
RR#2	CAVAN ONTAR	WELL TECHNICIAN'S	O REMARKS			
ONTERNAL CONTROL OF WARREST OF WA	ERT RUTH	t- 291	OFFICE		٠.	100 TP
1	X	DA 12 NO # YR91	Ö		C	SS.ES



Ontario	_	. SPACES PROVIDED RECT BOX WHERE APPLICABLE	11	45095	64		CON	<u>   0,7</u>
COUNTY OR DISTRICT		TOWNSHIP, BOROUGH, CITY, TOW	VN. VILLAGE		CON BLOCK	TRACT, SURVEY ETC		LOT 25-27
		<u> </u>		100			COMPLETED	<del>// /</del>
		PAREM	A HIL	Z 350	WEBO		14 NO 0	YR. 7
7,0,0	1 3 6 4 0 4 3	2 ( 3 )	<u>บ้</u> ก คัน	1 Law	, !" \ \\	IB BA	14/11/	4
	L(	OG OF OVERBURDEN AN	D BEDRO	CK MATERIAL	LS (SEE INSTRUC	CTIONS)	DEPTH	I - FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER MATERIA	LS		GENERAL DES	CRIPTION	FROM	TO
BAN	Top Soil				OFT		0	2
BAN	SANA			50	OFT.		_   2	10
GRY	Clay			50	FT		10	120
GRY	SAND			50.	<i>[7</i>		120	150
Cky	GRAVEL			HAI	<i>RD</i>	- -	130	135
* .								
		-						
		× ×.						
31			إبليك		سياليا			<del> </del>
32		32	<u> </u>	4,111111	SIZE(S) OF OP	ENING 31-33	65 DIAMETER 34-38	75 RG
WATER FOUND AT - FEET	KIND OF WATER	DIAM MATERIAL THE		EPTH - FEET	Z (SLOT NO )	D TYPE	DEPTH TO TOP	6 FEET
135 1	FRESH 3   SULPHUR		88 0	1 135		AUEL		2.9reer
2	SALTY 6 GAS	5 □ PLASTIC 19 1 □ STEEL		20-23	DEPTH SET AT	- H MATERIA	LAND TYPE (CEMI	ENT GROUT
2	☐ FRESH 3 ☐ SULPHUR 24 ☐ MINERALS ☐ GAS	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE			FROM	14-17	LEAU P.	ÁCKER, ETC )
	☐ FRESH 3 ☐ SULPHUR 29 ☐ SALTY 4 ☐ MINERALS ☐ GAS	5 □ PLASTIC  24-25 1 □ STEEL 26		27-30	18-21	22-25	NSEAL	
	☐ FRESH 3 ☐ SULPHUR 34 SC 4 ☐ MINERALS ☐ SALTY 6 ☐ GAS	2 GALYANIZED 3 GCONCRETE 4 GOPEN HOLE 5 GPLASTIC			26-29	30-33 80		
71 PUMPING TEST MI	ETHOD 10 PUMPING RAT	15-16	17-18		LOCA	TION OF W	ELL	
STATIC LEVEL	WATER LEVEL 25	GPM HOURS  1 PUM 2 RECO		IN DIA: LOT LI	GRAM BELOW SHO	OW DISTANCES OF W	ELL FROM ROAD A	AN D
1 2 2 Z		30 NINUTES 45 MINUTES	60 MINUTES 35-37	Pump at	Isom	1	1	
	ET .50 FEET 60 FE		60 FEET	UNTIL IS CIE.	WATER	COUNTY	RATI	
IF FLOWING. GIVE RATE  RECOMMENDED PI	GPM	700 1201	CLOUDY	·3 C/E	п«	1		
☐ SHALLO	UMP TYPE RECOMMENDE PUMP SETTING	D 43-45 RECOMMENDED PUMPING RATE	46-49 GPM			1		
50-53				-		1		·λ/
FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION WE			人*	MELL	SARBEN		14
OF WELL	3   TEST HOLE 4   RECHARGE WELL	7 UNFINISHED  DEWATERING		$\cup$	i	HILL		
WATER	DOMESTIC 2 STOCK	5 COMMERCIAL 6 MUNICIPAL			10		MILLE	ROOK
USE	3   IRRIGATION 4   INDUSTRIAL   OTHER	7 PUBLIC SUPPLY  4 COOLING OR AIR CONDITION  9 NOT USE		WEL	COME		, ,,,	
METHOD	57 CABLE TOOL	6 D BORING		J-	4			
OF	POTARY (CONVENT OF THE PROTECTION OF THE PERCUSSION OF THE PERCUSS		OTHER	UBILITEDE PENTO	5		71	952
NAME OF WELL	CONTRACTOR	WELL COM	TRACTOR'S	DATA SOURCE	S CONTRACT		EB 2 1 199	2 '3-'1 '
ONTRACTOR OF WE	OE WELL ,		<del>~</del> /	DATE OF INSPEC	TION	INSPECTOR		·
NO NE	LL TECHNICIAN	WELL TEC	HNICIAN'S NUMBER	REMARKS				
SIGNATURY	TECHNICIAN/CONTRACTOR	SUBMISSION DATE	<b>Y</b>	OFFICE			- CCC	TC.
Se	OF THE ENVIRON		<u> </u>	0			CSS	<del></del>

Ontario Er	nvironment	SPACES PROVIDED 11	1509592		08
COUNTY OR DISTRIC		TOWNSHIP, BOROUGH CITY, TOWN, VILLAGE	CON BLOCK, TRACT, SURVEY, ETC		LOT 25-27
		<u> </u>	DATE	COMPLETED 3	41-53 YR. 9Z
		HOLNCROFT CR	ES. ASAX LIS 252 DAY.  ELEVATION RC MASIN CODE II	5 MO	YR. J.
21	M 10 12	17 18 24 25	26 30 31		47
	L	OG OF OVERBURDEN AND BEDROO		DEPTH	1 - FEET
GENERAL COLO	UR COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	FROM	то
BR	Tol Soil		TOP SOIL	0	/
BR	CLAY		CLAY		5
BL	CLAY		CLAY	5	26
BR	SAND	GKAVEL	SANO	26	63
BL	CLAY	GRAVEL	SILTY CLAY	49 63	67
BR	SAND	GRAVEL	Corrse Sand	63	61
31					
32				65	75
1 2 10 41 V	WATER RECORD	51 CASING & OPEN HOLE R	ECORD SIZE S) OF OPENING 31-33	DIAMETER 34-38	LENGTH 39-4
WATER FOUND AT - FEET	KIND OF WATER	INSIDE WALL D DIAM MATERIAL FHICKNESS FRO SINCHES INCHES	ECORD  EPTH - FEET  M TO  D MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN	41-44 :
27+67	I THE FRESH 3 SULPHUR  I SALTY 4 MINERALS  GAS	10-11 1 ESTEEL 12	(7)		FEET
	FRESH 3 SULPHUR 19 2 SALTY 6 GAS	64 2 GALVANIZED 3 GONCRETE 4 GOPEN HOLE 5 GPLASTIC	61 PLUGGING &		ORD
	1 FRESH 3 SULPHUR 24	17-18 1 DSTEEL 2 GALVANIZED 3 DCONCRETE	FROM TO MATERI	AL AND TYPE LEAD	PACKER ETC >
25-28	1 FRESH 3 DSULPHUR 29	4 □ OPEN HOLE 5 □ PLASTIC	0 10-13 /Z <sup>14-17</sup> BEN	ISEAL_	
30-33	2 SALTY 6 GAS  1 FRESH 3 USULPHUR 34 4 UMINERALS	1   STEEL   2   GALVANIZED   3   CONCRETE   4   OPEN HOLE	26-29 30-33 80		
	2 SALTY 6 GAS	5 □ PLASTIC	10007101105	VELL	
71 PUMPING TES	MP 2 S BAILER	20 GPM 2 15-16 - 17-18 HOURS - MINS	LOCATION OF V		AND
STATIC LEVEL	PUMPING WATER	! LEVELS DURING 2   RECOVERY	IN DIAGRAM BELOW SHOW DISTANCES OF LOT LINE INDICATE NORTH BY ARROW.	T T	
1EST	13 13 13 13 13 13 13 13 13 13 13 13 13 1	13 29-31 13 22-34 13 35-37		N	
IF FLOWING	FEET FEET 38-41 PUMP INTAR	TE SET AT WATER AT END OF TEST 42	1		
IF FLOWING GIVE RATE	GPM GPM ED PUMP TYPE RECOMMENT	FEET 1. ☐ CLEAR 2 ☐ CLOUDY DED 43-45 RECOMMENDED 46-49			
G. □ SHA	LLOW DEEP PUMP	50 FEET RATE 5 GPM			
	34 1 WATER SUPPLY	S ABANDONED INSUFFICIENT SUPPLY	were		
FINAL STATU	S OBSERVATION W		MONOTHIA		
OF WE	A RECHARGE WELL	L DEWATERING	ESTATES		
WATE	≥ □ STOCK	6 MUNICIPAL 7 PUBLIC SUPPLY		UNTY KA	9
USE	4   INDUSTRIAL   OTHER	■ ☐ COOLING OR AIR CONDITIONING  9 ☐ NOT USED	GARO	enhin	
METHO	57 CABLE TOOL	6 D BORING	1		
OF CONSTRU	3   ROTARY (REVER			7	1977
	5 AIR PERCUSSIO	N DIGGING DOTHER	DRILLERS REMARKS		
1 11/2	WELL CONTRACTOR	WELL CONTRACTOR'S LICENCE NUMBER	DATA SOURCE SE CONTRACTOR 59-62 DATE OF INSPECTION INSPECTOR	MAR 1 6 1	992
O A SPRESS	O - 110 C	100 - 12 / N	l w		
MATE OF	WELL TECHNICIAN	ORES LANDING ON WELL TECHNICIANS	S REMARKS		<del> </del>
CONTRACTOR	RE OF TECHNICIAN CONTRACTO	SUBMISSION DATE	OF FICE	C	CSS.ES
	Jerny Ked	DAY 10 NO 3 YR 7	?[ō]		
MINIST	TRY OF THE ENVIRO	NMENT COPY		FORM NO. 050	5 (117 80) FUH



Ontario	1. PRINT ONLY IN :	SPACES PROVIDED	11	450972	9 450,11	CON.	108
COUNTY OR DISTRICT	4 1	TOWNSHIP, BOROUGH, CITY.	TOWN, VILLAGE		con. 8,Plan 9M73		15
		Vin		Ant 100 Wort	DAT		y <sub>R</sub> .92
		King	SEOH RU.				, , , l
1 2	M 10 12	17 18	24 2	SOK BEATERIALS	30 31		1
	LC Most	OG OF OVERBURDEN			GENERAL DESCRIPTION	DEPTH	
GENERAL COLOUR	COMMON MATERIAL	OTHER MAT	ERIALS			FROM	10
Brown	Topsoil	stones		froz		0	8
Brown	Fine Sand	silt		loos		8	130
Gray	Clay			soft		130	140
Gray	Clay	gravel	• • • •	hard		140	148
Brown	Gravel	fine sand, s	ilt	tigh		148	140
Brown	Limestone						
31			11,1,1,	11.,,11,1,	1.11,,,11,1,1,1		1.1 1 1
32	<u> </u>			, <u>, , , , , , , , , , , , , , , , , , </u>		ىلىللىنيال	ب ليا ليا
1 2 10	TER RECORD	51 CASING &	OPEN HOLE	RECORD	SIZE STOF OPENING 31-33		LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE MATERIAL INCHES	WALL THICKNESS INCHES		MATERIAL AND TYPE	DEPTH TO TOP	4 FEET
	FRESH 3 SULPHUR 14		12		S.S.	14	.4 FEET
15-18 1	FRESH 3 SULPHUR 19	3 CONCRETE 4 OPEN HOLE 5 PLASTIC	.188	+ 2½ 144	61 PLUGGING &	SEALING RECO	ORD
<b></b>	SALTY 6 GAS  FRESH 3 SULPHUR 24	17-18 1 STEEL 2 GALVANIZED	19	20-23	PER TO MATER		ENT GROUT ACKER, ETC )
	SALTY 4 MINERALS 6 GAS FRESH 3 SULPHUR 29	3 CONCRETE 4 COPEN HOLE 5 PLASTIC			0 20 Bens	seal/Mud Slu	rry
2	SALTY 6 GAS	1 USTEEL	26	27-30	18-21 22-25		
	☐ FRESH 3 TISULPHUR 34 4 ☐ MINERALS ☐ SALTY 6 ☐ GAS	4 OPEN HOLE 5 PLASTIC			25-29 30-33 80		
71 PUMPING TEST N	1	i			LOCATION OF	WELL	
1 ST PUMP	Z  BAILER  WATER LEVEL 25 END OF WATER	J GPM JU HO	PUMPING	, <b>   </b>	AM BELOW SHOW DISTANCES OF		AND
LEVEL 25	PUMPING 22-24 15 MINUTE	S 30 MINUTES 45 MINUTES		-	. 1		
25 FE	ет 104 геет 104 г	FEET 104 FEET 104		1 1	N		y. Rd. 10
IF FLOWING	38-81 PUMP INTAK	- Malcies	D OF TEST 4.	1	7		7. 10. 7
IF FLOWING. GIVE RATE  RECOMMENDED P	PUMP	DED 43-45 RECOMMENDED PUMPING	0 46-4	9			
50-53	DW DEEP SETTING	135 FEET RATE	2 GPP				
FINAL	54 1 D WATER SUPPLY	S ABANDONED INS		7			İ
STATUS	2 OBSERVATION W	7 UNFINISHED	IR QUALITY	11	(		
OF WELL	SS-S6 1 S DOMESTIC	DEWATERING  S COMMERCIAL					<del> </del>
WATER	2 STOCK 3 IRRIGATION	6 MUNICIPAL 7 DUBLIC SUPPLY		GARDE	N HILL CTY Rd. 9		
USE	4   INDUSTRIAL   OTHER						
METHOD	57 1 5 CABLE TOOL	€ ☐ BORING		11			
OF	3   ROTARY (REVER					4.0	2504
CONSTRUCT	TION 4 ROTARY (AIR) 5 AIR PERCUSSION		S OTHER	DRILLERS REMARKS		<u> TO</u>	3591
1 10 77	t & Sons Well	luc	LL CONTRACTOR ENCE NUMBER 2662	DATA	2662 DATE	JUL 0 6 199	32 ''''
ADDRESS				SOURCE O DATE OF INSPECTI		JUL J V 15.	
Box#85	O, R.R.#1, Fene		ario ELL TECHNICIAN'	S S REMARKS			
Greg B		Lic	CENCE NUMBER	OFFICE		~	CC FC
O SIGNATURE O	In the water		O YR.4	OF			SS.ES
			<u>-</u>			FORM NO. 0506	(11/86) FORM 9



Ontario	1. PRINT ONLY IN :	SPACES PROVIDED	11	4509846	10 14 15	ON
OUNTY OR DISTRICT		TOWNSHIP, BOROUGH CIT	Y, TOWN, VILLAGE	CON	BLOCK, TRACT, SURVEY ETC	LOT 25-27
		<u> </u>	<u>.</u>			OMPLETED 41-53
		, G	PAMPREZ	ELEVATION RC.	BASIN CODE 11	
Z1	M 10 12	17 18	24 25	26 30	31	<u> </u>
	L	OG OF OVERBURDEN	AND BEDRO			DEPTH - FEET
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	TERIALS	GENE	RAL DESCRIPTION	FROM TO
BAN	TopSoil			501		0 2
BAN GRY	Clay			50,5	<del></del>	2 50
GRY	Quick SA	NA		SOF	<u> </u>	30 75
GRY	Clay			30/7	<u></u>	75 113
GRY	GRAVEL			HAR	<i>Q</i>	113 115
	•				į	;
				a.,		
		+				
21	.					
31   1	<u> </u>				البلللياا	55
1 2 10	ATER RECORD	51 CASING &	OPEN HOLE	RECORD Siz	ZE(S) OF OPENING 31-33	DIAMETER 34-38 LENGTH 39-
WATER FOUND AT - FEET	KIND OF WATER	INSIDE MATERIAL	THICANASS		ATERIAL AND TYPE	INCHES FE DEPTH TO TOP 41-44 OF SCREEN
	FRESH 3 SULPHUR 14 SALTY 4 MINERALS 6 GAS 2	10-11 1 STEEL 2 DGALVANIZED	12			FEÉT
	FRESH 3 SULPHUR 19	3 CONCRETE 4 OPEN HOLE 5 PLASTIC	188	0 115 61		SEALING RECORD
	G GAS  FRESH 3 SULPHUR 24  MINERALS	17-18   STEEL 2 GALVANIZED	19	ZO-Z3 DEPT	OM TO	LEAD TYPE (CEMENT GROUT LEAD PACKER, ETC.)
	SALTY 6 GAS			27-30	010-13 20-17 SEA	VSENL
2	SALTY 6 GAS	1 STEEL 2 GALVANIZED 3 CONCRETE	26	27-30	26-29 30-33 80	Trim pipE
1 '	SALTY 6 DGAS	4 □ OPEN HOLE 5 □ PLASTIC				
71 PUMPING TEST		11 4	15-16 / 17-18		LOCATION OF W	/ELL
STATIC LEVEL	P 2 BAILER  WATER LEVEL 25 END OF WATER		PUMPING  RECOVERY		ELOW SHOW DISTANCES OF VINDICATE NORTH BY ARROW.	WELL FROM ROAD AND
LS	PUMPING -21 22-24 15 MINUTE 24			,	1	
U F FLOWING	EET OFEET OF	FEET OFEET WATER AT E	FEET FEET ND OF TEST 42			
IF FLOWING. GIVE RATE  RECOMMENDED	5 GPM		AR 2 CLOUDY		GARDE	W .
RECOMMENDED SHALL	PUMP TYPE RECOMMEND PUMP LOW DEEP SETTING	2 FEET RECOMMEND PUMPING RATE	ED 45-49 GPM	,	HILL	
50-53						CREEK
FINAL	1 WATER SUPPLY 2 OBSERVATION W	5 ABANDONED. IN			a series	ENEEK Mills
STATUS OF WELI	3 ☐ TEST HOLE	, UNFINISHED		WELCOME		± 19.114
	55-56 1 DOMESTIC	S COMMERCIAL S MUNICIPAL				/ *
WATER	3   IRRIGATION 4   INDUSTRIAL	7 DUBLIC SUPPLY  COOLING OR AIR CO	INDITIONING			/
	OTHER	, .	NOT USED			1
METHO			N D		Court	v ·
OF CONSTRUC	TION 4 HOTARY (AIR)	9 🗆 DRIVIN	G		RIT	9 11955
NAME OF THE	S AIR PERCUSSIO	lw	NG OTHER	DRILLERS REMARKS	SB CONTRACTOR 59-62 DATE R	ECEIVED 63-68
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	IELLA WEL	L DAL.	CHIS.	SOURCE	6418	CT 0 1 1992
ADDRESS A	#4 Races	ATH KOK	2XD	l l w l	INSPECTOR	· · · · · · · · · · · · · · · · · · ·
NAME OF	WELL TECHNICIAN	m	TELL TECHNICIAN'S	AEMARKS	270000	
SIGNATURE	OF TECHNICIAN/CONTRACTO	R SUBMISSION DATE	1-0737	Mak of	/ / C	CSS.ES
Da	well Bad	DAY 12	MO - 68 YR. 9	4 🖳		FORM NO. 0506 (11/86) FOR



Ontario	1. PRINT ONLY IN		11	45098	75 📆		CO'N	108
COUNTY OR DISTRICT	2. CHECK A CORR	TOWNSHIP, BOROUGH, CITY	, TOWN, VILLAGE		CON BLOCK, TR	ACT, SURVEY ETC	3	LOT 25-27
1	·	1)085				රි DAT	E COMPLETED	17
		11/	CAMPBE	LLCRUFT	0N7	DA1		
21			*c.	ELEVATION	BC. BASIN CO		, "" 	
		OG OF OVERBURDEN	AND BEDRO	CK MATERIAL		ONSI		
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MAT	ERIALS		GENERAL DESCR	IPTION	DEPTH FROM	TO TO
	COMMON MATERIAL			708	SOIL		0	2
BROWN	SAND	CLAY					2	15
WHITE	CLAY	GRAVEL S	AND				15	110
BROWN	SAND	CLAY					110	120
6 Ruce	SAND						120	127
0 5522								
31		بينا ليليلل	لتلتلتك	ليللييا	لسا ليل	لىلىلىل	لللسلل	لا لىل
32	14 15			43-1-1-1	51ZE(S) OF OPEN	IING 31-33	DIAMETER 34-38	1 75 10 LENGTH 39-40
	TER RECORD	51 CASING &	OPEN HOLE	RECORD DEPTH - FEET	Z   (SLOT NO )   -		5 INCHES	10 FEET
WATER FOUND AT - FEET	KIND OF WA"ER	DIAM MATERIAL INCHES	THICKNESS FE	то то	MATERIAL AND	TYPE	DEPTH TO TOP OF SCREEN	41-44 30
127	SALTY 4 MINERALS 6 GAS	1 Defect 2 GALVANIZED 3 CONCRETE	" /88 n	13-16	<u> </u>		0541110 550	OPP FEET
	☐ FRESH 3 ☐ SULPHUR 19 ☐ SALTY 4 ☐ MINERALS ☐ GAS	5 PLASTIC	19	20-23	61 P	FET	SEALING REC	MENT GROUT
1 -	FRESH 3 SULPHUR 24 SALTY 6 GAS	1 GALVANIZED 3 CONCRETE			10-13	14-17	LEAU	PACKER, ETC 1
25-28 , [	FRESH 3 SULPHUR 29	4 OPEN HOLE 5 PLASTIC	26	27-30	18-21	22-25	BENSEA	
20-23 1	FRESH 3 SULPHUR 34	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE			26-29	30-33 80		
PUMPING TEST ME	SALTY 6 GAS	5 □ PLASTIC  TE 11-14 DURATION OF	PUMPING		1004	TION OF	NA/E L I	
[71]	2 DAILER	0	17-16 DURS OO MINS					AND
STATIC LEVEL	WATER LEVEL 25 END OF WATER PUMPING	LEVELS DUDING	PUMPING RECOVERY	LOT L	NE INDICATE N	ORTH BY ARROV	F WELL FROM ROAD V.	A110
1EST 7			S 60 MINUTES 35-37		Con	GARAGE	, ,	
	FEET F	<del>+-</del> -	FEET FEET D OF TEST 42		1			
IF FLOWING. GIVE RATE  RECOMMENDED P	V	TEE!	R 2 CLOUDY			(X WILL	FORES	
SHALLO	OW DEEP SETTING	PUMPING	5 GPM				- TON	ī KI,
50-53						- House		
FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION W		UFFICIENT SUPPLY OR QUALITY					
OF WELL	1 TEST HOLE  4 RECHARGE WELL	y UNFINISHED DEWATERING		<u> </u>			GARDENI	HKL
	1 DOMESTIC	S COMMERCIAL MUNICIPAL						
WATER USE	3   IRRIGATION 4   INDUSTRIAL	PUBLIC SUPPLY COOLING OR AIR COM	IDITIDNING OT USED				ك	
	OTHER			(1)	:// <b>7</b> 0 (	CARACE	20	
METHOD OF	1 CABLE TOOL 2 CROTARY (CONVE			$   \omega_i$	LL TO A	COAD	194	,
CONSTRUCT		9 DRIVING		DRILLERS REMAR	ks		11	<u> 1130</u>
NAME OF WEL	L CONTRACTOR	WE	LL CONTRACTOR'S	0.000	58 CONTRACT	OR 59-62 DATI	RECEIVED OF 4	992 *** **
ROBERT ADDRESS	T RUTH WELL		4635	SOURCE OF INSPI	4 6	135	NOV 0 5 1	JJL
V RR 7	2 CAVAN	0~7		3S				
AT NAME OF WI	ELL TECHNICIAN	Lio Lio	ENCE HUNDER					
SIGNATURE C	DF TECHNICIAN/CONTRACTOR		o. <u>04</u> yr.92	OFFICE			(	CSS.ES
14 p		DAY Z	0. <u>// T</u> YR. <del>7</del> /	ـــــلــا ك			FORM NO. 050	6 (11/86) FORM 9



Ontai	rio	1. PRINT ONLY IN S	SPACES PROVIDED ECT BOX WHERE APPLICABLE	11	45	098	76	45011	<u>E018</u>	<u>(</u>	168
COUNTY	OR DISTRICT		TOWNSHIP, BOROUGH, CITY	TOWN, VILLAGE			CON	BLOCK, TRACT, SURVEY.	ETC		LOT 25-27
									DATE COMPLE		48-53 /YR_ 9 2
			/ (	AMPBE		EVATION	ON 7	MASIN CODE	DAY Z	NO	I IV
1 2		M 10 12	17 18	24 25	26		30	31			
<u> </u>		LC	OG OF OVERBURDEN		OCK N	IATERIAL				DEPTH	- FEET
GENER	RAL COLOUR	COMMON MATERIAL	OTHER MAT	TERIALS			GENERA	AL DESCRIPTION		FROM	70
_					_	TOP		SOIL		0	2
BR	OWN	SAND	CLAY							15	15
	371	CLAY	GRAVEL							140	145
GK	EY	LIMISTONE				MED	1UM			110	1 10
-											
31	لىنا [	بينا ليلتللل	تتنا ليليليك	4444	سا ا	<u> </u>	البلا		سا لىـ	444	با لب
32	سيا [	14 15			اليا ا		SIZE	54 SI OF OPENING	31-33 DIAMET	ER 34-38	LENGTH 39-40
41 WATE	R FOUND	TER RECORD	INSIDE	WALL THICKNESS	DEPTH			F NO I		INCHES DEPTH TO TOP	FEET
AT		FRESH 3 SULPHUR 14	INCHES	INCHES F	RUM	10	SC MATE	RIAL AND TYPE		OF SCREEN	41-44 30 FEET
<u> </u>		G U GAS	2 GALVANIZED 3 CONCRETE 4 COPEN HOLE				61	PLUGGING	3 & SEAL	ING REC	ORD
	<b>2</b> (	SALTY 4 MINERALS 6 GAS FRESH 3 SULPHUR 24	1 USTEEL	19		20-23		SET AT - FEET N	MATERIAL AND	TYPE CEN	MENT GROUT PACKER ETC )
	2	SALTY 6 GAS	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC				0 "	145m17 F	Z - B [	NSE	42
	1	SALTY 6 GAS	2 GALVANIZED	26		27-30		"" G/	ACIAL		
		☐ FRESH 3 ☐ SULPHUR 34 4 ☐ MINERALS ☐ SALTY 6 ☐ GAS	3 CONCRETE 4 OPEN HOLE 5 PLASTIC				20	30-33 80			
71	PUMPING TEST M		15	5-16 17-18			L	OCATION O	F WELI	L	
	STATIC LEVEL		LEVELS OURING	OURSMINS  PUMPING  RECOVERY	1	IN DIA		OW SHOW DISTANCE DICATE NORTH BY AF		FROM ROAD	AND
TEST	19-2	PUMPJAG  11 22-24 IS MINUTE: 26	S 30 MINUTES 45 MINUTE		,		1	_	10A6i		
	FE IF FLOWING.	FEET F		FEET FEET	-1 1	_	, (	G	ARAGÍ		
PUMPING	GIVE RATE	GPM	PEET	AR 2 CLOUDY		)	4	ot the	U /	س	ill
P	RECOMMENDED P	UMP TYPE RECOMMEND PUMP SETTING	ED 43-45 RECOMMENDE PUMPING FEET RATE	D 46-41 GPM	11			j (		Z	$\sum_{i \leq j}  $
	\$0-53				-			1110	Uşí.	FOR	n Rt
	FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION W	B MAANDONED. INS ELL □ ABANDONED POC T □ UNFINISHED								
ļ	OF WELL		DEWATERING		41					GARDÍR	) HILL
	WATER	DOMESTIC  STOCK  IRRIGATION	S COMMERCIAL  MUNICIPAL  PUBLIC SUPPLY						(	SARU"	
	USE	4 ☐ INDUSTRIAL	■ ☐ COOLING OR AIR COM	NDITIONING NOT USED			·			-[9]-	
	METHOD	57 1 CABLE TOOL	6 DORING		1	(.)	ELL T	O CENTRE		40'	İ
	METHOD OF NSTRUCT	3   ROTARY (REVER		G			•				1129
	MSTRUCT	5 AIR PERCUSSION	n 🗆 DIGGINI	G OTHER		ILLERS REMAR					
E		L CONTRACTOR	Lic	ELL CONTRACTOR	ONLY	DATA	5.8	4635	NO	V 0 5	1992 ""
ONTRACTOR	ADDRESS				ilw	DATE OF INSP		INSPECTOR			
ITRA	RR# 2	ELL TECHNICIAN	Wr	ELL TECHNICIAN'S							
CON	DOUG SIGNATURE	RUTIV	SUBMISSION DATE		OFFICE						CSS.ES
	Do	A SA	DAY 20 1	10 04 YR 9	일 [2				FC		6 (11/86) FORM 9

MINISTRY OF THE ENVIRONMENT COPY

Ontario of the	ironment		TER WELL RE	
COUNTY OR DISTRICT	_	SPACES PROVIDED  RECT BOX WHERE APPLICABLE  TOWNSHIP, BOROUGH CITY, TOWN, VILLAGE	CON BLOCK, TRACT, SURVEY, ETC	LOT 25-27
110 7 (7111111)	474 355 40 45		CONC. 07	15
		CAVAN STREE	ET, PORT HOPE L1A 3B9 DAY -0	13_ MO12YR.92
1 2	M 10 12	17 18 24 25	ELEVATION RC BASIN CODE II	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		OG OF OVERBURDEN AND BEDRO	CK MATERIALS (SEE INSTRUCTIONS)	
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM TO
Brown	Top Soil		Medium	0 2
Grey	Clay		Soft	2 125
Grey	Gravel		Hard	125 130
31	<u> </u>		لسبيليا لسبابيا لت	
32	14 15	32		75 80
WATER FOUND	TER RECORD	51 CASING & OPEN HOLE R		ETER 34-38 LENGTH 39-40 INCHES FEET
AT - FEET	KIND OF WATER	INSIDE WALL DO THICKNESS INCHES FROM	MATERIAL AND TYPE	DEPTH TO TOP 41-44 30 OF SCREEN
125-130 '	SALTY 6 GAS	1 MSTEEL 2 GALVANIZED		FEET
1 2	] FRESH 3 □SULPHUR 4 □ MINERALS □ SALTY 6 □ GAS	17-18 [9]	20-73 DEPTH SET AT - FEET	COMENT CROUT
'	] FRESH 3 □SULPHUR 4 □ MINERALS □ SALTY S □ GAS	1 □ STEEL 2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE	FROM TO MATERIAL AN  10-13 14-17	D TYPE LEAD PACKER, ETC.)
	FRESH 3 □SULPHUR 4 □ MINERALS □ SALTY 6 □ GAS	Z4-Z5 DEFEL	27-30 18-21 22-25	
30-33	FRESH 3 DSULPHUR 34 80	2 GALVANIZED 3 GONCRETE 4 OPPEN HOLE	26-29 30-33 80	
PUMPING TEST ME	SALTY 6 GAS	5   PLASTIC	LOCATION OF WEL	. 4
71 PUMP	2 16 BAILER	20 GPM 1 15-16 0 17-18 MINS	IN DIAGRAM BELOW SHOW DISTANCES OF WELL	7
STATIC LEVEL	PUMPING .	1 XX PUMPING 2	LOT LINE INDICATE NORTH BY ARROW.	FROM ROAD AND
10	50 20	<sup>24</sup> 40 <sup>29-31</sup> 50 <sup>32-34</sup> 50 <sup>35-37</sup>	(CRO 10)	(CRD9)
IF FLOWING.	T FEET FE 38-11 PUMP INTAKE			
RECOMMENDED PU	MP TYPE RECOMMENDE			1
SHALLOW	V NO SETTING	100 FEET PUMPING RATE 20 GPM	1	0.1
	**		GARDEN HILL	
FINAL STATUS	1 XX WATER SUPPLY 2 OBSERVATION WE 3 TEST HOLE	5 ABANDONED, INSUFFICIENT SUPPLY LL 6 ABANDONED POOR QUALITY 7 UNFINISHED	HOUSE TO BE	<u> </u>
OF WELL	*   RECHARGE WELL	DEWATERING	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<del>-</del>
WATER	2 STOCK	5 COMMERCIAL 5 MUNICIPAL 7 PUBLIC SUPPLY	l "	
USE	3   IRRIGATION 4   INDUSTRIAL   OTHER	7 PUBLIC SUPPLY 4 COOLING OR AIR CONDITIONING 9 NOT USED	ן מ	
	57 ' XIX CABLE TOOL	6 D BORING		
METHOD OF	CABLE TOOL  ROTARY (CONVENT  ROTARY (REVERS	ITIONAL) DIAMOND	·	
CONSTRUCTION	ON 6 ROTARY (AIR) 5 AIR PERCUSSION	<sup>2</sup> ☐ DRIVING ☐ OTHER	DRILLERS REMARKS	128117
NAME OF WELL	CONTRACTOR	WELL CONTRACTOR'S	DATA 58 CONTRACTOR 59-52 DATE RECEIVE	
E FAULK	NER WELL DRILL	l l	TATE OF INSPECTION INSPECTOR	1 2 1993
[ 739 Ers	skine Avenue, I		ш Ш	
David	Fisher	WELL TECHNICIAN'S LICENCE NUMBER TO231	U U U U U U U U U U U U U U U U U U U	agg Fig
O SIGNATURE OF	TECHNICIAN/CONTRACTOR	DAY 04 MO 12 YR 92	III	<b>CSS.ES</b>
MINISTRY	OF THE ENVIRON			ORM NO. 0506 (11/86) FORM 9

Mini				Ontario Water Resou	
of th Envi	ne ironment	WA	rer '	15011	RECORD
Ontario	1. PRINT ONLY IN S	11	45099	64 Warre	Latis sue 107
COUNTY OR DISTRICT	2. CHECK (A) CORRI	TOWNSHIP, BOROUGH CITY TOWN VILLAGE		CON BLOCK, TRACT, SURV	EY ETC LOT '25.27
		TIOPE			DATE COMPLETED 48-53
		55 OF	SCU	RC BASIN CODE	DAY 25 MO 3 YR 13
1 2	No. 10 12	17 18 24	25 26	30 31	
	L C	OG OF OVERBURDEN AND BEDF	OCK MATERIA		DEPTH - FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	FROM TO
	<i></i>			0 P So./	0 1
GR. BR.	SAND		SP	into	66'68.5
12 04	GEAVEL		GR	AUFL	685 70'
	GEAU				
12					
,,,,					
31					
32	14 15	32		111111111111111111111111111111111111111	55
	TER RECORD	51 CASING & OPEN HOL	E RECORD	SIZE(S) OF OPENING	31-33 DIAMETER 34-38 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER  FRESH 3 CSULPHUR 14	DIAM MATERIAL THICKNESS INCHES	FROM TO	MATERIAL AND TYPE	DEPTH TO TOP 41-44 30 OF SCREEN
10	SALTY 4 MINERALS 6 GAS  FRESH 3 SULPHUR 19	1 USTEEL 2 GALVANIZED 3 CONCRETE	0' 70"		NG & SEALING RECORD
2 [	SALTY 6 GAS	17-18   DSTEEL 19	20-2:		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)
2 (	SALTY 6 GAS	2 GALVANIZED 3 GONCRETE 4 GOPEN HOLE 5 GPLASTIC		4	BENSEAL
2 [	SALTY 6 DGAS	24-25 1 STEEL 26 2 GALVANIZED	27-30	18-21	
	☐ FRESH 3 ☐ SULPHUR 34 84 ☐ MINERALS ☐ SALTY 6 ☐ GAS	3 CONCRETE 4 COPEN HOLE 5 PLASTIC		26-29 30-33 80	3
71 PUMPING TEST ME	ETHOD O PUMPING RAT	1 / 15-16 - 17-		LOCATION	OF WELL
STATIC LEVEL	WATER LEVEL 25	U GPM F HOURS MIT  1 □ PUMPING  1 □ RECOVERY .	IND	IAGRAM BELOW SHOW DISTAN LINE INDICATE NORTH BY	CES OF WELL FROM ROAD AND ARROW.
1 1 LEST				_	
IF FLOWING.	FEET SEET SEE		12		
IF FLOWING. GIVE RATE  RECOMMENDED P	GPM  UMP TYPE RECOMMENDE		$\exists 1 \ J/ \frown$		The control of the co
0. SHALLO	DEEP SETTING	65 FEET PUNPING		11 35	// / /
	54 , WATER SUPPLY	ABANDONED, INSUFFICIENT SUPPL	<del>,</del>	Wost Are	
FINAL STATUS OF WELL	2 G OBSERVATION WE	LL 6 ABANDONED POOR QUALITY 7 UNFINISHED		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	#,0
	S5-56 1 DOMESTIC	DEWATERING  S COMMERCIAL		M'2,	
WATER USE	2 STOCK 3 IRRIGATION 4 INDUSTRIAL	<ul> <li>■ MUNICIPAL</li> <li>7 □ PUBLIC SUPPLY</li> <li>■ □ COOLING DR AIR CONDITIONING</li> </ul>			
USE	OTHER	9 NOT USED		<u></u>	8) #9 +
METHOD	1			CTY	RD #9
OF CONSTRUCT	ION GROTARY (REVERS A DISTRICT OF THE PROTARY (AIR)	E) 8 D JETTING 9 D DRIVING D DIGGING OTHER	DRILLERS REMA	ARKS:	119163
NAME OF WELL	L CONTRACTOR	WELL CONTRACTOR	[2] [ ] <sub>111</sub>		62 DATE RECEIVED 63-68 80
ADDRESS TH	DE METE	DRILLING 3129	L	PECTION . INSPECTOR	
NAME OF WE	SIX 119 60	DRES LANDING OF	S REMARKS		,
NAME OF WE	N. SEH	UE LICENCE NUMBER 0079	OFFICE STATE		
STGNATURE 9	Kelie	1 DAY 25 NO. 3 YR.	3 6		CSS.ES
7	RY OF THE ENVIR				FORM NO. 0506 (11/86) FORM S

	Ministry
(4)	of the
	Environment

Ontario	SPACES PROVIDED LECT BOX WHERE APPLICABLE	4510075	N
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN VILLAGE	CON BLOCK TRACT, SURVEY ETC	LOT 25,27
NORTHUMBERLAN OWNER (SURNAME FIRST) 28-47	ADDRESS	DATE COMPI	
GADEN HIL DEU	LID GARDEN H	EVENATION RC BASIN CODE	
21	17 10 24 25	26 30 31	
LC	OG OF OVERBURDEN AND BEDRO	CK MATERIALS (SEE INSTRUCTIONS)	
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	FROM TO
BR		TOP SOIL	0'1
BR		CLAY	1,20
BL	SOFT	CLAY	20 120
31			
32	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	43 - 44 - 44 - 44 - 44 - 44 - 44 - 44 -	111111111111111111111111111111111111111
41 WATER RECORD	51 CASING & OPEN HOLE		
WATER FOUND KIND OF WATER	MATERIAL THICKNESS	DEPTH - FEET WE MATERIAL AND TYPE OF MATERIAL AND TYPE	DEPTH TO TOP 41-44 30 OF SCREEN
10.6 1 FRESH 3 SULPHUR 14  2 SALTY 4 MINERALS 6 GAS	10-11 1 STEEL 12	1 PEA STONE	118
15-18 1   FRESH 3   SULPHUR 19 2   SALTY 6   GAS	64 4 SORCHETE 188	) /20 61 PLUGGING & SEAL	
20-23 1 FRESH 3 SULPHUR 24	17-18 1 STEEL 19 2 GALVANIZED	20-23 DEPTH SET AT - FEET MATERIAL AND TO	TYPE (CEMENT GROUT LEAD PACKER, ETC.)
25-28 ,	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC	05"20" BENS	EAYCENENT
2 SALTY 6 GAS  30-33 . FRISH 3 SULPHUR 34	24-25 1 □ STEEL 26 26 26 GALVANIZED 3 □ CONCRETE	27-30 18-21 22-25 26-29 30-33 80	
30-33     FRESH 3   SULPHUR 34   4   MINERALS   2   SALTY 6   GAS	4 □ OPEN HOLE 5 □ PLASTIC	A-2 3-33 0	
71 PUNPING TEST METHOD O PUMPING RA	TE 11-14 DURATION OF PUMPING 17-18	LOCATION OF WEL	L
1 PUMP 2 BAILER  STATIC WATER LEVEL 25 END OF WATER	GPM HOURS MINS  1 PUMPING  LEVELS DURING	IN DIAGRAM BELOW SHOW DISTANCES OF WELL LOT LINE INDICATE NORTH BY ARROW	FROM ROAD AND
PUMPING  19-21 22-24 15 MINUTES	2   RECOVERY . S   30 MINUTES   45 MINUTES   60 MINUTES	CT 1 RD 9	
	EET 3FEET 6 FEET 7 FEET		
FEET FEET FEET FEET FEET FEET FEET FEET	WATER AT END OF TEST 42		<u> </u>
RECOMMENDED PUMP TYPE RECOMMEND PUMP	ED 43-45 RECOMMENDED PUMPING		
SO-53	1/6 FEET RATE 4 3 GPM		
FINAL 1 WATER SUPPLY	5 ABANDONED, INSUFFICIENT SUPPLY		
STATUS	7 UNFINISHED		/
55-56 , DOMESTIC	s 🗍 COMMERCIAL		
WATER  z   STOCK 3   IRRIGATION	#   MUNICIPAL 7   PUBLIC SUPPLY		
USE   INDUSTRIAL   OTHER	B COOLING OR AIR CONDITIONING D NOT USED	]] (	
METHOD 57 ROTARY (CONVE	6 D BORING		
OF 3 - ROTARY (REVERS			140404
CONSTRUCTION 4   ROTARY (AIR) 5   AIR PERCUSSION	-	DRILLERS REMARKS	119181
NAME OF WELL CONTRACTOR	WELL CONTRACTOR'S	DATA SOURCE S6 CONTRACTOR S9-62 DATE RECEIVE AUG	
DONESS  ADDRESS  NAME OF WELL TECHNICAN  NAME OF WELL TECHNICAN  NAME OF TECHNICAN  NAME	UCICCI/16 5/27	DATE OF INSPECTION INSPECTOR	1 0 1333
A ROX 119 GORES	LANDNG ONT	W O REMARKS	
3 TKENDE/C. KEY	SUBMISSION DATE	OFFICE	
O ETONATURE OF TECHNICIAN/CONTRACTOR	DAY MO. 8 YR. 23	<del> </del>	CSS.ES
MINISTRY OF THE ENVIR		FC	ORM NO. 0506 (11/86) FORM 9

B	Ministry of the Environment
Ondonia	En Thomas and

Ontario	ronment	SPACES PROVIDED	4510092   45,0,1,1   C,0,1,1   197
COUNTY OR DISTRICT	2. CHECK 🗵 CORR	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	10 14 15 22 23 24  CON BLOCK, TRACT, SURVEY ETC LOT 25-27
	1.050	PE	DATE COMPLETED (48-53
		ORILL RC	ELEVATION RC BASIN CODE II III IV
1 2	M 10 12	17 18 24 25	1231V 631H131
	LC MOST	OG OF OVERBURDEN AND BEDRO	DEPTH · FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION FROM TO
GR	<del>.</del>		(LAY 1'123'
BR	FINE	SILT:	SAND + SILT 123 129
GR			CLAY 129 134'
	MED	SAND	5 AND & WATER 134 138.
		и.	
31   11			
i 2 10	TER RECORD	51 CASING & OPEN HOLE R	RECORD Z SIZE-SI OF OPENING 31-33 DIAMETER 34-38 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE WALL DIAN MATERIAL THICKNESS FRE	DEPTH - FEET UM TO  SIDT NOT  SIDT N
138"	FRESH 3 D SULPHUR SALTY 4 D MINERALS 6 D GAS	10-11 1 Greet 2 GALVANIZED 3 GCONCAPTE	1 13-16 0 5/5 13/FEET
2	] FRESH 3 □ SULPHUR 19 ] SALTY 4 □ MINERALS 6 □ GAS	6 4 3 CONCRETE 4 OPEN HOLE 188 (	20-23 DEPTH SET AT FEET MATERIAL AND TYPE ICEMENT GROUT
2	FRESH 3 □SULPHUR 24 □ SALTY 6 □ GAS	2 GALVANIZED 3 GONCRETE 4 OPEN HOLE	10 LEAD PALKEN, ELC.1
	FRESH 3 SULPHUR 29 SALTY 6 GAS	5 □ PLASTIC  24-25 1 □ STEEL 2 □ GALVANIZED	27-30 O' 20 BENSEAL FEMEN 1
	FRESH 3 SULPHUR 34-86 4 MINERALS SALTY 6 GAS	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC	26-29 30-33 80
71 PUMPING TEST MET	THOD 10 PUMPING RATE	/_ 15-16 — T7-18	LOCATION OF WELL
STATIC LEVEL	WATER LEVEL 25	EVELS DURING  1 POMPING 2 RECOVERY	IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW.
I J	22-24 15 MINUTES		
IF FLOWING. GIVE RATE	FEET S FE	SET AT WATER AT END OF TEST 42	
IF FLOWING. GIVE RATE  RECOMMENDED PU	PILMP	D 43-45 RECOMMENDED 46-49	9
SHALLOW		125 FEET RATE 5 GPM	CTY RD 9
FINAL	WATER SUPPLY OBSERVATION WE	5 ABANDONED, INSUFFICIENT SUPPLY LL 6 ABANDONED POOR QUALITY	
STATUS OF WELL	3 TEST HOLE 4 RECHARGE WELL	, UNFINISHED  DEWATERING	W 62   *
i	5-56 1 DOMESTIC	S COMMERCIAL  MUNICIPAL	GARDEN S HILLIATES
WATER USE	3   IRRIGATION 4   INDUSTRIAL   OTHER	7 PUBLIC SUPPLY  B COOLING OR AIR CONDITIONING  9 NOT USED	257
	57 1 CABLE TOOL	€ □ BORING	
METHOD OF CONSTRUCTION	2   ROTARY (CONVEN 3   ROTARY (REVERSI ON 4   ROTARY (AIR)		
	5 AIR PERCUSSION	☐ DIGGING ☐ OTHER	DRILLERS REMARKS \$ 119198
MAME OF WELL	CONTRACTOR  DE WELL	RILLING 3129	DATE OF INSPECTION  Se CONTRACTOR 55-62  DATE RECEIVED 2 7 1993  SEP 2 7 1993  SEP 2 7 1993
ADDRESS	30× 119 6	ORES LANDING ON	O DATE OF INSPECTION INSPECTOR
NAME OF WELL	LI TECHNICIAN R D	WELL TECHNICIAN'S LICENCE NUMBER 70079	→ REMARKS
SIGNATURE OF	1 0 1	SUBMISSION DATE.  DAY 25 MO 9 YR.93	CSS.ES
1	OV OF THE ENVIR		FORM NO. 0506 (11/86) FORM 9

· — — — · — · — · — · — · — · — · — · —	1, PRINT ONLY IN S 2. CHECK 🗵 CORRI	ECT BOX WHERE APPLICABLE	4510211 NUNICIP CON BLOCK TRACT, SURVEY ETC	.,O,K, , ,	LOT 23-27
COUNTY OR DISTRICT	DOOR AND	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE  WP of HOPE	con 7		17
		ARDEN HILL.O		26_ MO _4	-41-53 ve <u>93</u>
		NG RC.	ELEVATION RC. BASIN CODE		l iv
1 2	M 10 12	17 18 24 25	26 30 31		4
	, , ,	G OF OVERBURDEN AND BEDRO		DE P1	H - FEET
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	FROM	то
BROWN	SAND			0	3
GREY	CLAY			3	25
GREY	CLAY	GRAVEL		25	50
GREY	GRAVEL			50	60
GREY	CLAY			60	75
BROWN	SAND		FINE	75	80
WATER FOUND AT - FEET  80  15-18 1 2 20-23 1 2 25-28 1	TER RECORD	DIAM MATERIAL THICKNESS	DEPTH - FEET  OM TO  13-16  O 80  C STAINLESS STEE  DEPTH SET AT - FEET MATERIAL  FROM TO  DEPTH SET AT - FEET MATERIAL  MATER	EALING REC	6º8% FEET  CORD  EMENT GROUT PACKER ETC )
	FRESH 3 SULPHUR 34 MINERALS SALTY 6 GAS	4 OPEN HOLE 5 PLASTIC	26-29 30-33 80 LOCATION OF W	/F!!	
STATIC LEVEL  10-2  15 FE  16 FE  16 FE  16 FE  17 FE  18 FE  18 FE  18 FE  18 FE  19 FE  19 FE  19 FE  10	PUMPING  21	LEVELS DURING  2   PUMPING 2   RECOVERY  RECOVERY  45 MINUTES   45 MINUTES   30-37  75   FEET   75   FEET   75   FEET    SET AT   WATER AT END OF TEST   42  FEET   MICCLEAR   CLOUDY	IN DIAGRAM BELOW SHOW DISTANCES OF WALLS	VELL FROM ROAL	AND T
FINAL STATUS OF WELL  WATER USE  METHOD OF CONSTRUCT	55-54  1 DOMESTIC 2 STOCK 3 IRRIGATION 4 INDUSTRIAL DOTHER  57  1 CABLE TOOL 2 ROTARY (CONVEN 3 ROTARY (REVERS	TIONAL 7 O DIAMOND	CANLERN ->	₩€4. <del>1</del> ,	= &=0-3; :~~7864. (
NAME OF WELL ROBERTO ADDRESS  R.R. NAME OF WILL	L CONTRACTOR  RUTH WELL D  #2 CAVAN ON  ELL TECHNICIAN	DIGGING OTHER  WELL CONTRACTOR'S LICENCE NUMBER  A HOLL CONTRACTOR'S LICENCE NUMBER  WELL CONTRACTOR'S LICENCE NUMBER  WELL CONTRACTOR'S LICENCE NUMBER  WELL TECHNICIAN'S LICENCE NUMBER  SUBMISSION DATE  DAY 14 MO. 5 YR93	DRILLERS REMARKS  DATA SOURCE  DATE OF INSPECTION  DATE OF INSPECTION  REMARKS  DILL  O  DATA SOURCE  DATA SOURCE  DATA SOURCE  DATA SOURCE  INSPECTOR	EB 10 S	63-60

_	ronment		VV	<b>.</b>			MUNICIP.	CON		
Ontario	1. PRINT ONLY IN S	SPACES PROVIDED  ECT BOX WHERE APPLICABLE	11		45102	7.1	450,1,1	يا لِدُد	γ. <b>Ν</b>	107
COUNTY OR DISTRICT		TOWNSHIP, BOROUGH CI	TY TOWN, VILLA	GE			OCK. TRACT, SURV			LOT 25-27
						CONC	. 07,SUBI	DATE COM		. 16
		.# 1	CAMPBEI	LCR	OFT, ONTAI		OA 1BO	DAY	9 <u> </u>	YR <b>94</b>
1 2	M 10 12	117 118	1 24	25	26	111	31			47
	LC	G OF OVERBURDE	N AND BEI	OROC	K MATERIAL	S ISEE INS	TRUCTIONS			
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER M	ATERIALS			GENERAL	DESCRIPTION		FROM	TO
BROWN	TOP SOIL								0	2
BROWN	CLAY	SAND			SOFT				2	20
GREY	CLAY					,			20	45
BROWN	SAND	GRAVEL							45	50
					-					
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31	<u>.                                    </u>	1111111111	, [ ] i [ ]			با ليان	11111	يا ليا		ـا لىك
32					43	يا لىل		11 4		75
41 WA	TER RECORD	51 CASING 8	OPEN HO		ECORD	Z SIZE(S)	of opening 0 )	31-33 DIAM		8 FEET
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS INCHES	FRU		MATERI	AL AND TYPE		DEPTH TO TOP OF SCREEN	41-44 30
45 UN	FESTED 5 GAS	10-11 1 STEEL 2 GALVANIZED 3 CONCRETE	12		13 -16		INLESS			40 FEET
to 15-18 1 C	☐ FRESH 3 ☐ SULPHUR 19 ☐ SALTY 6 ☐ GAS	5 PLASTIC	.188	0	44	DEPTH SE	PLUGGII	NG & SEA		ENT GROUT
50 20-23	FRESH 3 SULPHUR 24 SALTY 6 GAS	1 □ STEEL 2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE				F R O M	10	MATERIAL AF	LEAD F	PACKER ETC )
	FRESH 3 SULPHUR 29 SALTY 6 GAS	5 PLASTIC	26		27-30	18-21	22-25			-
	FRESH 3 SULPHUR 34 MINERALS  SALTY 6 GAS	2 GALYANIZED 3 GONCRETE 4 GOPEN HOLE 5 GPLASTIC				26-29	30-33 80	0	<u> </u>	
PUMPING TEST ME			F PUMPING			LC	CATION	OF WE	L L	. N/
	2 X BAILER WATER LEVEL 25	GPM		17-18 MINS	IN DIA	AGRAM BELOV	V SHOW DISTAN			AND N
STATIC LEVEL	END OF WATER	LEVELS DURING 2	RECOVERY	TES	OTL	ORD!	SATE NORTH BY	ARROW. C	30 10) →	1
24		42 FEET 42	42	35-37 FEET	14	7	11 6	SARDEN	3 HILL	7 7
IF FLOWING. GIVE RATE  RECOMMENDED PL	38-41 PUMP INTAKE		ND OF TEST	42 UDY	\	STORE			• •	
RECOMMENDED PU	JMP TYPE RECOMMENDE	7001		16-49	1 31	1				
SHALLON	W XD DEEP SETTING	FEET HAIL		GP <b>M</b>	,,,	10	<b>'</b>	/		
FINAL	1 WATER SUPPLY 2 OBSERVATION WE	S ABANDONED, IN		PLY		105	/ /			***.
STATUS OF WELL	3   TEST HOLE 4   RECHARGE WELL	7 UNFINISHED	where		W W	1x	a /			
	DOMESTIC 2 STOCK	5 COMMERCIAL 6 MUNICIPAL				一口白				
WATER USE	IRRIGATION INDUSTRIAL	7 ☐ PUBLIC SUPPLY ■ ☐ COOLING OR AIR CO				\ '	)			
	OTHER		NOT USED							
METHOD OF	CABLE TOOL  ROTARY (CONVE		ND		×	1				
CONSTRUCT	_	S □ DRIVIN	G		DRILLERS REMAR	KS:			14	4364
NAME OF WELL	CONTRACTOR	W LI	ELL CONTRACT	OR'S	IDATA			62 DATE.RECEIV		63-68 80
FAULKNI ADDRESS	ER WELL DRILLIN	ic co. Ltd.	2104	$\dashv$	DATE OF INSPE	CTION	2104	:   JUN	3 0 199	<del>//</del>
789 ERS	SKINE AVENUE, P	· · · · · · · · · · · · · · · · · · ·	(9J 5V1	AN'S	S REMARKS					
SCOTT N	MILLER	SUBMISSION DATI	T-233	8	FICE					
SIGNATURE	OF THE ENVIRON	DAY 10	мо. <u>06</u> у,	<u>94</u>	0 II	<u> </u>				S.ES
MINISTRY	OF THE ENVIRON	の作んさつさくてつ						7	FORM NO. 0506	(11/86) FORM 9

Ontario	1. PRINT ONLY IN S	SPACES PROVIDED  ECT BOX WHERE APPLICABLE	11	4	5102		4501	14 15	:01K1	08
COUNTY OR DISTRICT		TOWNSHIP, BOROUGH, CIT	Y, TOWN VILLAGE	Ē		8 8	Sub lot		Plan9M+	732 1
		2000				l	-	DATE (		vr. 94
		Louis 16	tice	RC.	ELEVATION	ec.	BASIN CODE	1	.	
1 2	10 12	17 16	1 1 24	25	26	30	31			
	L C	OG OF OVERBURDEN		ROCK	MATERIAL		AL DESCRIPTION		DEPTH	
GENERAL COLOUR	COMMON MATERIAL	OTHER MA	TERIALS				AL DESCRIPTION		FROM	10
Brown	Top Soil		<u> </u>		Sof		·		0	_2 18
Brown	Sand					cked			18	110
Grey	Clay	01				nse cked			110	118
Grey	Gravel	Clay				nente			118	151
Grey	Clay & Grav	ei			Наз		<u> </u>		151	156
Grey	Linestone	Chloria	anted w	ell	)	<b></b>				
		Gillar								
31	سا ليليليل	تتنا ليليليا		ЦĻ		البل		البل		
32	14 15			<u> </u>		SIZE	SA SI OF OPENING	31-33	65 DIAMETER 34-38	75 50 LENGTH 39-40
WATER FOUND	TER RECORD	INSIDE	OPEN HOL		CORD TH - FEET		T NO 1		INCHES	FEET
1 5 C	FRESH 3 SULPHUR 14	DIAM MATERIAL INCHES	THICKNESS INCHES	FRUM	13-16	SC MATE	ERIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44 30 FEET
1	SALTY 4 MINERALS 6 GAS 19	1 DSTEEL 2 GALVANIZED 3 CONCRETE 0 OPEN HOLE	188	0	151	61	PLUGG	ING & S	SEALING RECO	ORD
<del></del>	FRESH 3 SULPHUR 4 MINERALS G GAS	17-18 1 DSTEEL	19		20-23	<b></b>	SET AT FEET	MATERIA		ENT GROUT ACKER, ETC 1
2 (	FRESH 3 DSULPHUR 4 DMINERALS SALTY 6 DGAS	6-1/44 G OPEN HOLE		151	156		D-13 14-17	Hole		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	☐ FRESH 3 ☐ SULPHUR 4 ☐ MINERALS ☐ SALTY 6 ☐ GAS	24-25 1 STEEL 2 GALVANIZED	26		27-30	Ω "	1-21 22-25		l & Clay	
	☐ FRESH 3 ☐ SULPHUR 34 ☐ HINERALS ☐ SALTY 6 ☐ GAS	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC				26	10-33	\$0 Duric		
71 PUMPING TEST ME	ETHOD 10 PUMPING RA		15.16			L	OCATION	OF W	VELL	
1 PUMP	BAILER WATER LEVEL 25	8 GPM 3 F	PUMPING	IINS	IN DIA		OW SHOW DISTA	NCES OF V	WELL FROM ROAD	AND
S 19-3	PUMPING	S 30 MINUTES 45 MINUT		ES 5-37	201 2					7/
	1140   80	EET 110 13	Oeer 140							
IF FLOWING. GIVE RATE  RECOMMENDED P	GPM.	FEET 1 DELE		DY						
RECOMMENDED P	UMP TYPE RECOMMEND	ED 43-45 RECOMMENDE PUMPING RATE		GPM				Was	DLAND AVE	
\$0-53		2-70						][,	2	](]
FINAL	1 WATER SUPPLY 2 GBSERVATION W	S ABANDONED, INS		LY			1	**		
STATUS OF WELL	3 TEST HOLE 4 RECHARGE WELL	7 UNFINISHED				Γ	7 /	H +		
	DOMESTIC 2 STOCK	5 COMMERCIAL 6 MUNICIPAL				L	10.	/		[:]
WATER USE	3   IRRIGATION 4   INDUSTRIAL	7 PUBLIC SUPPLY 8 COOLING OR AIR CO						ļ		
	□ OTHER—		NOT USED	_				<del>-</del>		
METHOD		_	N D				11	$\subseteq$	R.# 10,	1
OF CONSTRUCT	ION ROTARY (REVER A DETAILS OF THE PERCUSSION	9 DRIVIN	G		DRILLERS REMAR	KS:			13	7242
NAME OF WEL	L CONTRACTOR	lwe	ELL CONTRACTO	DR'5	DATA			9-62 DATE R		63-68 80
Herb ADDRESS	Lang Well D	rilling Ltd.	3367	_	DATE OF INSPE	CTION	3367		IUN 02 19:	<del>/1</del>
R.	R. #1 Omem	ee, On <b>as</b> rio		]	M S REMARKS					
Dav	e Fisher	<u>ل</u> ا	TO231	R						aa Tee
SIGNATURE	TECHNICIAN CONTRACTOR	SUBMISSION DATE	_	74	OFFICE				C	SS.ES
MINISTR'	Y OF THE ENVIROR		18.	الت	J				FORM NO. 0506	(11/86) FORM

THAL STATUS OF THE PROPERTY OF	Ontario	ronment		A T A O O O O MUNICIP. CON.	
South   State   South   Sout	Ontario	_	1 •• 1	4510287 المُرَادِينَ المُرادِينَ الْ	ON
CIGO OF OVERBURDER AND BEDROCK MATERIALS SHET MATER		horland			
LOG OF OVERBURDEN AND SEDROCK MATERIALS SEC WITHOUT COST  OTHER DESCRIPTION  FIRST  CLAY			pe		
LOG OF OVERBURDEN AND BEDROCK MATERIALS THE MUNICIPALS HE MUNICIPAL THE MUN					
Code   Code	ر نے				
## CALENDA STATES OF THE NATIONAL STATES OF T		LO	G OF OVERBURDEN AND BEDRO	OCK MATERIALS (SEE INSTRUCTIONS)	
Brown Fill Clay Loose 0 5  Brown Clay Packed 5 18  Brey Clay Gravel Packed 80 87  Brown Coarse water gravel & Sand Loose 87  Chlorinated well Chlorinated well Signature 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GENERAL COLOUR		OTHER MATERIALS	GENERAL DESCRIPTION	
Scown Clay Clay Dense 18 80 87	Duorm		Clay	Loose	0 5
Trey Clay Gravel Packed 80 87  Srown Coarse water gravel & Sand Loose 87  Chlorinated well Loose 87  All Ware Record Williams Wil			Clay	•	5 18
STEEL CLAY & GRAVEL PACKETS  STOWN COARSE WATER GRAVEL SAND  Chlorinated well  STOWN COARSE WATER GRAVEL SAND  STOWN C					
STOWN COARSE WATER STAVE & SAND LOOSE  Chlorinated well  STATE RECORD  AND STATE REC			~1		
Chlorinated well  Chlorinated well  Chlorinated well  SI CASING & OPEN HOLE RECORD  THE COLOR OF STATE					
31  41 WATER RECORD  WATER REC	Brown	Coarse Wate	•	Loose	- 67 - 30 -
MATER RECORD   SID CASING & OPEN HOLE RECORD   SID CASING &			Chiorinated Well		
MATER RECORD   SID CASING & OPEN HOLE RECORD   SID CASING &					
MATER RECORD   SID CASING & OPEN HOLE RECORD   SID CASING &					
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MATER RECORD   SID CASING & OPEN HOLE RECORD   SID CASING &			44		
MATER RECORD   SID CASING & OPEN HOLE RECORD   SID CASING &					
MATER RECORD   SID CASING & OPEN HOLE RECORD   SID CASING &	31	<u> </u>			
CASING & OPEN HOLE RECORD   SIDE WATER RECORD   SIDE WATER   SIDE   SI					
MATERIAL PROPERTY OF THE STATE	T	TER RECORD	51 CASING & OPEN HOLE	8 54 6. SIZELS OF OPENING 31-33 D	
Secretary   Secr	WATER FOUND		INSIDE WALL THICKNESS	DEPTH - FEET W MATERIAL AND TYPE	DEPTH TO TOP 41-44 30
TILEST WITHOUT THE STATES OF THE STATE OF TH		T 4   MINERALS	10-11 1 OSTEEL 12		1   1
15-33	1 411	- = 523	3 □ CONCRETE 4 □ OPEN HOLE	61 PLUGGING & SE	ALING RECORD
STATUS   S	20.23	24	1 DSTEEL 19	DEPTH SET AT FEET MATERIAL	
1   FIRST   1   SALTY 6   DAY   DURING MATE   2   DOTATION OF PURPOSE   2   DOTATION OF WELL   1   DURING MATE	2 [	SALTY 6 GAS	3 □ CONCRETE 4 □ OPEN HOLE	10-13 14-17	0100
PUMPING TIST NETHOD   TO   PUMPING RATE   PU	'	4 [] MINERALS	24-25   1 □ STEEL 26	27-30 20 18-21 22-25 HOTE	
Pumping Test method   10   Pumping Rate   10-14   Duration of Pumping   10-14   Pumping   Pumping   10-14   Pumping   Pumping   10-14   Pumping   Pumpin	" L	→ '''="'' 4 []MINEDALS	3 □ CONCRETE 4 □ OPEN HOLE	26-29 U30-33 80 SANG	& Clay
Pump   Saler   20   Ope   2   15-18   Old   17-18   15-18			- I	LOCATION OF W	ELL .
WATER SUPPLY   GARDON DEEP   SETTING   SO MINUTES   SO MINUTES   SI SI SI SI SI SI SI SI SI SI SI SI SI	† D PUMP		GPMHOURSMINS	IN DIAGRAM BELOW SHOW DISTANCES OF WE	LL FROM ROAD AND
TIT FLOWING OVER ATE OF THE POWER INTAKE SET AT WATER AT IND OF TEST 42 OVER ATE OVE	LEVEL	END OF WATER L	EVELS DURING 2 RECOVERY		4.1L
FILOWING STATUS   PUMP INTARE SET AT   WATER AT END OF TEST   42   CLUADY    RECOMMENDED PUMP TYPE   PUMP   SETTING   80   FEET     CLEAR   2   CLOUDY    SHALLOW   PUMP   SETTING   80   FEET   8   GPM    FINAL   STATUS   STATUS   STATUS   STOCK   MUNICIPAL   DEWATERING    OF WELL   STOCK   MUNICIPAL   DEWATERING    WATER   STOCK   MUNICIPAL   DEWATERING    C.R.# ID    WATER AT END OF TEST   42   CLOUDY    WATER AT END OF TEST   42   CLOUDY    WATER AT END OF TEST   42   CLOUDY    WOO OLAND AUE  WOO OLAND AUE  WOO OLAND AUE  **CLEAR 2 CLOUDY    WOO OLAND AUE  **CL	1   2   1   2   1   1   1   1   1   1	70 50	29-31 32-34 35-37		
SHALLOW GEEP SETTING OU FEET RATE GAPM    STATUS	IF FLOWING.		SET AT WATER AT END OF TEST 42		
SHALLOW GEEP SETTING OU FEET RATE GAPM    STATUS	RECOMMENDED PU		D 43-45 RECOMMENDED 46-49	WOOOLA	O AUE
FINAL STATUS OF WELL  WATER SUPPLY S GABANDONED, INSUFFICIENT SUPPLY COMMERCIAL STATUS OF WELL  MATER  S GECHARGE WELL STOCK G MUNICIPAL  WATER S GROWESTIC S COMMERCIAL S GOOD OF GOOD ON AIR CONDITIONING S GOOD ON AIR CONDITIONING OF GOOD ON AIR CONTRACTOR SPORT ON AIR CONT	SHALLOY		80 FEET RATE 8 GPM	1 11.2	
STATUS OF WELL  1   ABANDONED POOR QUALITY OF WELL  2   OBSERVATION WELL  4   RECHARGE WELL  58-56  WATER  58-56  WATER  2   OBMESTIC  5   COMMERCIAL  5   MUNICIPAL  5   INRIGATION  7   PUBLIC SUPPLY  WOTHER  9   NOT USED  METHOD  OF  CONSTRUCTION  1   CABLE TOOL  9   BORING  2   ROTARY (CONVENTIONAL)  9   DEIVING  CONSTRUCTION  1   ROTARY (AEVERSE)  9   DEIVING  9   DRIVING  1   ORIGINATION  1				House of 12'	
OF WELL 4   RECHARGE WELL   DEWATERING      ST-36   DOMESTIC   COMMERCIAL		2 OBSERVATION WE	& ABANDONED POOR QUALITY	haust v	
WATER  USE    GOMESTIC   MUNICIPAL   MUNICIPAL   MUNICIPAL   MUNICIPAL   MUSE   MUNICIPAL   MUSE   M	OF WELL	4   RECHARGE WELL	_		
USE   INDUSTRIAL   COOLING OR AIR CONDITIONING   OTHER   NOT USED    METHOD   CABLE TOOL   BORING   OF   GOTARY (CONVENTIONAL)   DIAMOND   OF   OF OTHER   OF OTHER    CONSTRUCTION   OTHER   OTHER    NAME OF WELL CONTRACTOR   WELL CONTRACTOR'S   LICENCE NUMBER   DATA   SOURCE   SOURCE   SOURCE    OF OTHER   OTHER    NAME OF WELL CONTRACTOR   ST-62   SOURCE   OTHER    OTHER		DOMESTIC 2 STOCK	■ MUNICIPAL		#10
METHOD OF CONSTRUCTION CONSTRUC		4   INDUSTRIAL	■ ☐ COOLING OF AIR CONDITIONING		
METHOD OF OF OF CONSTRUCTION OF OF ORDER ORDER OF ORDER ORDER OF ORDER ORDER OF ORDER ORDER ORDER OF ORDER ORDE			<u>·                                      </u>		
CONSTRUCTION   ROTARY (AIR)   DRIVING   DRIVING   DRILLERS REMARKS   137241		2 ROTARY (CONVEN	TIONAL) 7 DIAMOND		
NAME OF WELL CONTRACTOR'S LICENCE NUMBER  DRILLERS REMARKS	_	ION 4 - ROTARY (AIR)	9 DRIVING	DRULERS BEMARKS	137241
LICENCE NUMBER   Source 9 9 6 7 HIN 17 TUCK	NAME OF WELL		WELL CONTRACTOR'S	DATA 58 CONTRACTOR 59-62 DAYE RECO	IVED 63-68 80
ADDRESS			LICENCE NUMBER	Source 3367 J	UN D 2 1994
R. R. #1 Omemee, Ontario	ADDRESS R R	#1 Omemee	Ontario	w	
NAME OF WELL TECHNICIAN'S LICENCE NUMBER  WELL TECHNICIAN'S LICENCE NUMBER  WELL TECHNICIAN'S LICENCE NUMBER	NAME OF WE	LL TECHNICIAN	WELL TECHNICIAN'S LICENCE NUMBER	☐ REMARKS	
	O Dave	FISHET TECHNICIAS/CONTRACTOR	SUBMISSION DATE	<b>,</b>   ₩	CSS.ES
Veri Part DAY TENT		ed Kang			FORM NO. 0506 (11/86) FORM 9



Ontario	ronment	and the second s	11	45	1028	8 8	MUNICIP. 4,5,0,1	ال الالالا	). <b>K</b>	<u>                                      </u>
COUNTY OR DISTRICT	2. CHECK ☑ CORR	TOWNSHIP, BOROUGH, CI	TY, TOWN VILLAGE			con bl	očk tract. su Plan		lot 6	ot <b>25-27</b>
				·			rian	DATE COM	PLETED 4	8-53
		Ca "e	ampbellc		EVATION	RC. III	ASIN CODE	DAY Z	мо_6	VR. 94
1 2	M 10 12	17 18	1 24	25 2	<u> </u>					
	Le	OG OF OVERBURDE	N AND BEDI	ROCK N	MATERIAL	S (SEE INST	(RUCTIONS)		DEPTH	- FEET
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER M	ATERIALS				DESCRIPTION		FROM	то
Brown	Sand				Pack	ced			0	20
Grey	Clay				Dens				120	120 160
Grey	Clay & Gra	vel			Pack Hard				160	164
Grey	Limestone	Chlorinot	ad vall		naro	l			100	104.
		Chlorinat	ed weir							
				·	-					
		<u> </u>				1 1 1	1 4	1 1 1	1111	
31			<u>,                                    </u>	ىالى .اا.		↓↓↓ .   .   .   .		<u>.                                      </u>	<u> </u>	
32 10 WA	14 15 PECOPD	51 CASING 8	& OPEN HOL	E RECO	ORD	SIZE(S)	OF OPENING	31-33 DIA	METER 34-38	75 40 LENGTH 39-40
WATER FOUND	TER RECORD	INSIDE DIAM MATERIAL	WALL		FEET	MATERIA	AL AND TYPE		INCHES DEPTH TO TOP	FEET 41-44 10
10-13	SALTY 5	10-11 1 ED STEEL	INCHES	FROM	13-16	၁၄			OF SCREEN	FEET
108	FRESH 3 CISULPHUR 4 CIMINERALS	2 GALVANIZED 3 CONCRETE 4 COPEN HOLE 5 PLASTIC	1	0	160	61	PLUG	SING & SEA	ALING RECO	ORD
20-23 1	FRESH 3 DSULPHUR 24	17-18 1 DSTEEL	19		20-23	DEPTH SE FROM	T AT FEET	MATERIAL A		ENT GROUT ACKER. ETC )
	J FRESH 3 □SULPHUR	2   GALVANIZED 3   CONCRETE 4   DOPEN HOLE 5   PLASTIC	26	160	164	10-13	88	Holpp	lug	
·	SALTY 6 GAS  FRESH 3 GSULPHUR 34	1 STEEL 2 GALVANIZED 3 GONCRETE				8	1	Sand		
	SALTY 6 GAS	4 □ OPEN HOLE 5 □ PLASTIC				<u> </u>				
71 PUMPING TEST ME	2 BAILER	TE 11-14 DURATION O	15-16 00 17 HOURS 00 M	-18				OF WE		
STATIC LEVEL	WATER LEVEL 25 END OF WATER PUMPING		PUMPING RECOVERY		IN DIA LOT LI	GRAM BELOV	W SHOW DIST CATE NORTH	ANCES OF WEL BY ARROW.	L FROM ROAD A	<b>1</b> 1
S 15	20	-28 Z9-31		-37					Ш	
Z IF FLOWING GIVE RATE	T J VEET 1		END OF TEST	42						11
IF FLOWING. GIVE RATE  RECOMMENDED PL		PED 43-45 RECOMMENT	EAR 2 CLOUI	-49			$\leq$	AVE.		
SHALLO	W DEEP SETTING	154 FEET RATE	5 ·	; РМ		-3/	> 2 L A	Ju		
	1 D WATER SUPPLY	S ABANDONED II	NSUFFICIENT SUPPI		,	[]/	WO			
FINAL STATUS	2 CBSERVATION W				<b>√</b>				اا	C.R#10
OF WELL	4 RECHARGE WELL	DEWATERING  5 COMMERCIAL			/	18-				
WATER	2 STOCK 3 REFIGATION	6 MUNICIPAL 7 PUBLIC SUPPLY			/	-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
USE	4   INDUSTRIAL   OTHER	COOLING OR AIR C	NOT USED				<del>[]</del>			
METHOD	57 CABLE TOOL 2 ROTARY (CONVE	6 BORIN				"	WOOD	LAND.	'	
OF CONSTRUCT	ON 4 ROTARY (REVER	SE) 8 DETTII	NG		1 1		<u> </u>	<del>`</del>	13	7252
Lucius es men	S AIR PERCUSSION		NG OTHER		DATA		NTRACTOR	59-62 DATE REGE		
1	ang Well Dri	L	3367	ONLY	DATE OF INSPE		336	7 JU	N 2 3 199	<del>3</del> 4
R.R.	#1 Omemee,	Ontario		USEO	I		Harel			
NAME OF WE	ELL TECHNICIAN		WELL TECHNICIA			-				
S Daye	TECHNICIAN/CONTRACTOR	- 1 7	6	74	5			÷	C	SS.ES
MINISTRY	OF THE ENVIRO	NMENT COPY	мо. <u>С</u> YR.,	<b>≠</b> 1 Ľ	<u> </u>				FORM NO. 0506	(11/86) FORM

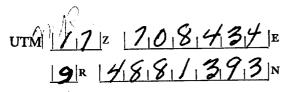
Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

0506 (07/94) Front Form 9

ounty or District NORTHUMBE	RLAND		Township/E	orough/City/To E	wn/Village			Con block	tract survey	, etc. Lot	16
wner's surname	28-47 First n	ame	Address	TORIA ST	רקקסי	NORTH F	PORT HOPE	7	Date completed	31	onth ye
	<sub>U.</sub> Zone	Easting	7 710	Northing		RC Eleva		Basin Code	ii.	tray iii	iv
2	I	LOG OF OV	FRRURDEN	I AND BEDE	OCK MA	TERIALS (	see instruction	ons)			
eneral colour	Most common material			er materials		(		description		From	pth – fee To
BROWN	CLAY			STON	rs		MEDI	JM		0	1.36
GREY	CLAY						SO	T		26	128
BROWN	SAND		G	RAVEL			FI	NE		128	134
Vater found t – feet	ISURBUT 15	51 Inside diam inches	Material	OPEN HOLE Wall thickness inches		- feet To	Sizes of c (Siot No.)	10	31-33 Diameter 6	34-38 Leninches Depth at top	4 of scree
	Fresh 3  Sulphur 14  Minerals Salty 6 Gas	10-11 1 2	Concrete	400		13-16	STA	INLESS	STEEL	13	41-4
2 🗆		5 🗆	Open hole Plastic	.188	9	130	61	PLUGGIN Annular space	IG & SEALI	G RECO	
20-23 1 <b>X</b> 1 <b>X</b> 2	Fresh 3 Sulphur 24 Salty 6 Gas	2 E		SCREEN	130	134	Depth set at	feet	erial and type (C		
25-28 1	Fresh 3 Sulphur 29	5 -	Plastic  Steel 26			27 30	8 10-13	21 1	BENSEAL	GROUT	
30 · 33 1	Fresh 3 Sulphur 34 60 Satty 6 Gas	3 4	Galvanized Concrete Open hole Plastic				18-21 26-29	30-33 80			
Pumping test me	ethod 10 Pumping rate	GPM D	uration of pump	ing 				CATION O			C
W.	ater level 25 Water levels	during , 🗆 Pı	umping :	Recovery		In diagran Indicate n	n below show orth by arrow	distances	or well from re	oad and ioi	iii ic.
19-21	22-24 15 minutes 3 128 97	0 minutes 4	5 minutes 49	60 minutes 35-37		i				4	-
feet If flowing give ra	te 38-41 Pump intake set	feet	feet Vater at end of to	est 42				CROS		•	
Recommended	GPM 128 pump type Recommended pump setting	l n	Clear Recommended ump rate	☐ Cloudy 46-49		470	<u> </u>	7	·		_
☐ Shallow	☐ Deep	128 <sub>feet</sub>		3 <sub>GPM</sub>	mill	117	FAROED	HILL		cro	0
INAL STATUS		insufficient supr	ply 9 🗌 Unfini	shed	SIRE	6					
Water sup Description Test hole	on well 6 Abandoned	, poor quality (Other)	10 ☐ Repla	cement well			8				
4 Recharge	well 8 Dewatering			<del></del> ~		1	1	8			
ATER USE  , X Domestic  2  Stock  3  Irrigation  4  Industrial	5 Commercia 6 Municipal 7 Public supp	ılv	9 ☐ Notus 10 ☐ Other	sed		44	A Long		\$**	· · · · · • • • • • • • • • • • • • • •	
METHOD OF C	ONSTRUCTION 57				1	ı					
Cable too Cable too Rotary (or Rotary (a	everse) 7 📙 Diamond	ion	9 Drivir 10 Diggii 11 Other						1	736	26
Name of Well Contr				tor's Licence No		ita jurce	58 Contraccto	$\Omega A$	59-62 Date re		1997
FAULKNER	WELL DRILLING	CO LTD	21	04		ate of inspectio		Inspector	HU	· · · · ·	_ <b>33</b> /

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Basin 25

The Water-well Drillers Act, 1954
Department of Mines

GROUND WATER BRANCH 2126

NOV 2 4 1958

ONTARIO WATER
RESOURCES COMMISSION

### Water-Well Record

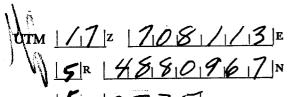
Township, Village, Town or City. 4006

Village, Town or City).....

			.ddress $.$	JARAS.	My holes who	***************************************
Date completed/(day)	(month)	(year)	_			
Pipe and Casing			I	Pumping Test		
Casing diameter(s)	Pumping rate 50 G.P.H.  Pumping level 100 F.T.					
Well Log				7	Water Record	
Overburden and Bedrock Record	From ft.	To ft.	at v	pth(s) which ter(s) ound	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
DUC WELL CLAY CLAY	0 23 73 73<	23 93 137 141	14	′ /	91	K S S S A
For what purpose(s) is the water	***************************************		In diag		ation of Well	well from
Is water clear or cloudy?	hillside?				Indicate north	
Drilling firm / YOAT GARAGE Address	foregoing are true.	e de la companya de l	Ci	15a).	VIII	
orm 5				And and a second	CSS	7.58

					رياني:
UTM 1/17 12 17 10 18 13 6 19 18				WATER RESCUR	
6015 R 14 8 8 1 3 8 7 N The Ontario Water Reso	301	C		FEB 23 fg	
Eleva 6 P S S S O WATER WEL	urces	REC	ORD A	ÖNTÄRIÖ WATE ESOUDUES COM	R
Basin County or District Durnam T				Норе	
Con. 7 Lot 15	ate c	ompleted No	v. 11,	1.964	vear)
Casing and Screen Record	··· ···		Pumpin		
Inside diameter of casing 61!!				Artesian	
Total length of casing 138 1 38 1 9 11	Те	st-pumping ra	te <b>k</b> Q	2000 🐨 🦿	H CPM
Type of screen None	Pu	mping level	top		
Length of screen None	Dυ	ration of test p	umping 1	hour	
Depth to top of screen None					
Diameter of finished hole 61111	Re	commended p	umping rate	4 7	5 G.P.M.
	wi	th pump setting	g of10	) feet belo	w ground surface
Well Log				Water	Record
Overburden and Bedrock Record		From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Dug well		0	24		
Blue clay		24	85		
Grey clay & silt Grey limestone		85 139	139 141	139-141	%x fresh
For what purpose(s) is the water to be used? Dwelling			Location		
				distances of we dicate north by	
Is well on upland, in valley, or on hillside? Hillside		road and	lot line. The		<i>"</i>
Drilling or Boring Firm RUSSELL E. KK ELVIDGE WELLDRILLER			i	<b>3</b>	/,
813 Cameron Street, Address Peterborough, Ontario.		**************************************			
Address		7	*		
Licence Number 1407	•	A STATE OF THE STA	<del> </del>	<u> </u>	79
Name of Driller or Borer Russell E. Elvidge 813 Cameron Street,	£ /:	60'			
Address Peterborough, Ontario.	١,	(g) V	<b>-</b>		
Date Nov.11, 1964			- 25		
Kussell Elvidge			- )		
(Signature of Licensed Driving or Boring Contractor)					15
Form 7 15M-60-4138					

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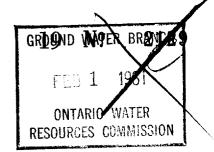


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Basin 24

The Water-well Drillers Act, 1954

Department of Mines



### Water-Well Record

				Necol (		o J
County or Territorial District	Sw. an	Tow	nship, V	Village, Town or Ci Village, Town or Ci dress	ty)	Prano
2000 00222p1000		,	ac	iress A.M. A.A. A.A.	i.sh.h.al Arriva	
(day)	(month)	(year)				
Pipe and Casin					Pumping Test	
Casing diameter(s) 67  Length(s) 34-6  Type of screen 2222  Length of screen 2222	<i></i>		Sta Pur Pur Dur	tic level3.3 mping rate3.3 mping level5.5. ration of test3.	9: p.m.	
Well Log			1		Water Record	
Overburden and Bedrock Record	From ft.	To ft.	1	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Oldwell bug	0'	44	•			
Lacdy Clay	44.	85	,			
Land	85'	/3	6′			
Sand & gravel	136'	141	•			
Shale Sock	141.	142		141-142'	122'	Fresh
For what purpose(s) is the water  A Council of the water  Is water clear or cloudy?  Is well on upland, in valley, or or  Drilling firm	lead			In diagram below road and lot line.	. Indicate north	h by arrow.
Address 687 Water  Petuloso  Name of Driller Edward  Address R. R. H. 10	St. Day Tais			arden	Con- Hill	Road
		ee			120	23 N Con-7
rm 5					¿ c	SS.S8

GROUND WATER BRANCH UTM 117 | 708 044 | E Ontario Water Resources Commission Act ONTARIO WATER Eley. 5 18/015 18/0 RESOURCES, COMMISSION Township, Village, Town or City Date completed... Con Casing and Screen Record **Pumping Test** Static level Inside diameter of casing..... Test-pumping rate Total length of casing Pumping level Type of screen Duration of test pumping Length of screen Water clear or cloudy at end of test Depth to top of screen Recommended pumping rate G.P.M. Diameter of finished hole with pump setting of feet below ground surface **Water Record** Well Log Kind of water Depth(s) at From which water(s) (fresh, salty, Overburden and Bedrock Record found sulphur) Location of Well For what purpose(s) is the water to be used? In diagram below show distances of well from road and ot line. Indicate north by arrow. Is well on upland, in valley, or on hillside? Ĭ G Drilling or Boring Firm Licence Number // 6 8 Name of Driller or Borer Address (Signature of Licensed Drilling or Boring Contractor) Form 7 10M-62-1152 2 . L.S OWRC COPY

RE RE	OTTO A			A STATE OF THE PARTY OF THE PAR
URM 1/17 2 7/0/8/09/01E			GROUND WATE	R BRANCH 2132
10 148 S 1 1 1 4 7 IN	TO SECOND		00T 7	1003
5R 4881/147N The Ontario Water Res			•	7770
Elev. 5 P 0 5 7 S WATER WE	LL REC	ORD	ONTARIO ) RESOURCES E	F 3 %
Basin 24 County or District 7 08 149m	Township, Village, T	own or City	Hope	
	Date completed	(day	July	63 year)
	ress Gard	Lew Kie	Q.	
Casing and Screen Record		Pumpin	g Test	
Inside diameter of casing 6 7	Static level	10		
Total length of casing /02	Test-pumping ra	ate //5		G.P.M.
Type of screen	Pumping level		•	
Length of screen				
Depth to top of screen	Water clear or cl			
Diameter of finished hole			4	G.P.M.
	with pump setting	ng of		ow ground surface
Well Log			Depth(s) at	r Record Kind of water
Overburden and Bedrock Record	From ft.	To ft.	which water(s) found	(fresh, salty, sulphur)
top sail	٥	2_		
Blue Clay		102	102	Lend
- Seaul	101	102	100	1
The state of the supplier of t		Location	of Well	
For what purpose(s) is the water to be used?		m below show	distances of we	
Is well or upland, in valley, or on hillside?	road and	j j	licate north by	<i></i>
Drilling or Boring Firm W M Sauchur			Wyser, Hyr	JU 1/
Diming of Borng - 1			· V	M
Address			~ 2 8 2 C.	
		6	Kr	
Licence Number				A CONTRACTOR OF THE PARTY OF TH
Name of Driller or Borer Www Saudensen				
Address				
Date (2,517)63			5.3	
(Signature of Licensed Drilling or Boring Contractor)				50
Form 7 10M-62-1152			Á	•
			( )	11.58 11.58
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J.F. P.L.	C C
UTM 1/17 2 1710181/1210 E	WATER RESOURCES 2133
7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	sources Commission Act AUG - 5 1964
ENV. 5 BIS 1715 WATER WE	LL RECORD ONTARIO WATER RESOURCES COMMISSION
	Township, Village, Town or City. HoPE
Con. 7 Lot 16	
	(day month year)
	ress Saralere Hull
Casing and Screen Record	Pumping Test
Inside diameter of casing 6 \$	Static levei
Total length of casing 13 4	Test-pumping rate 2 G.P.M.
Type of screen	Pumping level / 2-0'
Length of screen	Duration of test pumping 2 Co  Water clear or cloudy at end of test Clou
Depth to top of screen  Diameter of finished hole	
Diameter of finished hole	Recommended pumping rate 3 G.P.M.
	with pump setting of /20 feet below ground surface
Well Log	Water Record  Depth(s) at Kind of water
Overburden and Bedrock Record	from ft.  To which water(s) found (fresh, salty, sulphur)
Top soil	0 2
Clay & stones	12 125
Che dead A frage	12 /23
Some grand	133 134 134 Lund
- Sind stone	at 1341
	Location of Well
For what purpose(s) is the water to be used?	
	road and lot line. Indicate north by arrow.
Is well of upland, in valley, or on hillside?	
Drilling or Boring Firm	Him Him
Address Puli La	GAENEN HIM
Address.	1/2°
Licence Number 1355	
Name of Driller or Borer 5 // auch	
Address Date 8/7/64	
Date of the Control o	——————————————————————————————————————
(Signature of Licensed Drilling or Boring Contractor)	
Form 7 15M-60-4138	
OWRC COPY	TE BUNGALOW

UTM 1/7 2 1/0/8/0/7/9 E Cos R H8 8 1 2 7 3 N Ontario Water Resources Commission Act

WATER RESOURCES 19 isioiNo OCT 19 1984

Eley. PR 15 75 WATER WEL	L REC	ORD	ONTARIO WAIR RESOURCES COMM	-R ISS'ON
Basin 2 4 Durham T				
Con. 7 Lot 16			•	
		` -		
	ressqaru		Ontario.	
Casing and Screen Record			ng Test	
Inside diameter of casing 6111	Static level	29.		
Total length of casing 1351	Test-pumping rate 20 G.P.M.			
Type of screen None	Pumping level	50!		
Length of screen None	Duration of test	pumping	1 hour	
Depth to top of screen None		•	of test Clear	
Diameter of finished hole 6"	Recommended 1	oumping rate	. 4	G.P.M.
	with pump settir	ng of	50 feet belo	w ground surface
Well Log			Wate	r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Dug well	0	37		
Blue clay	37	85		
Quick sand	85	135		
Grey limestone	135	140	135-140	Fresh
For what purpose(s) is the water to be used? Dwelling	In diagra	m below sho	n of Well w distances of we	ell from arrow.
Is well on upland, in valley, or on hillside? Upland  Drilling or Boring Firm RUSSELL E. ELVIDGE WELLDRILLER 813 Cameron St., Peterborough, Ontario.				//~ \u
Licence Number 1407				100'
Name of Driller or Borer Russell E. Elvidge			K,	( ) ( ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °
Address Peterborough, Ontario.  Date September 21, 1964  Cignature of Licensed Drilling or Boring Contractor)				1.0,
Form 7 15M-60-4138				
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GROUND WATER BRAN UTM 1/17/2 17/017/617/9/E CONSTRUI 488/1/1/7 N Ontario Water Resources Commission Act ONTARIO WAT RESOURCES COMMISSION Elev-0151815 HOPE .....Township, Village, Town or City..... Date completed 25 **Pumping Test** Casing and Screen Record Inside diameter of casing...... Static level Test-pumping rate Total length of casing. Pumping level. Type of screen Duration of test pumping Length of screen Water clear or cloudy at end of test Depth to top of screen. Recommended pumping rate G.P.M. Diameter of finished hole feet below ground surface with pump setting of. **Water Record** Well Log Kind of water Depth(s) at From (fresh, salty, sulphur) which water(s) Overburden and Bedrock Record found 140 ULENSDAY & BLUERLAY 0 Location of Well For what purpose(s) is the water to be used? In diagram below show distances of well from road and lot line. Indicate north by arrow. Is well on upland, in valley, or on hillside? Drilling or Boring Firm. HALFORD GARDEN HILL PORT HOPE Licence Number..... Name of Driller or Borer.... Address. 1-28.38 Form 7 10M-62-1152

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UTM 1/17 2 170+8,58,3 E	TUBE			19 N	9 21 <b>7</b> 2
Elev. 6 R O 2 2 7 The Ontario Water Resonant The	LL	RECO	RD	Норе	
Con. 8 Lot 14	Date co	ompleted(	22nd. S	September month amphellcro	<b>3</b> /
Casing and Screen Record			Pumping	Test	
Inside diameter of casing. 6½ "	Sta	tic level	16	T	
Total length of casing 79	Tes	st-pumping rat	e 25		G.P.M.
Type of screen None					
Length of screen					
Depth to top of screen					r
Diameter of finished hole 62th	Re	commended pi	imping rate	5	G.P.M.
Diameter of finished hole	1				ow ground surface
Well Log	1	P	) ————————————————————————————————————	1	r Record
Overburden and Bedrock Record		From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Top soil		0	1		,
Sand		]	33		
Sandy clay Grey clay		33 44	1,4 75		
Gravel and sand		75	<del>79</del> -	76-79	Fresh Untested
	<u> </u>			4 344 11	
For what purpose(s) is the water to be used? Domestic		T 1'	Location		11 fmama
				distances of we icate north by	
Is well on upland, in valley, or on hillside? Upland	10	unty Ro		!	<u> </u>
Drilling or Boring Firm Faulkner Well Drilling Co. Ltd.		15	10	1. 141	1
60. 100.		Lov- 15	750	, /	/
Address 687 Water St. Peterborough, Ont.			7.45		
Licence Number 2595			4	_	
Name of Driller or Borer Anton Urban		· ·	بام.	45M1	/ e
Address R.R. No. 10, Peterborough	ع ببر)	ا <del>هه</del> وي ۱۸ درده	31		10 m (
Date September 22nd. 1967				1	
to to Faulkner		a and the same of	* ! * <del>!</del> ! <u>!</u>		Cont
(Signature of Licensed Brilling or Boring Contractor)		r.	: "		•
Form 7 15M-60-4138				1	

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CSS.S8

WATER RESOLUTIONS 172707961 E The Ontario Water Resources Commission Act Township, Village, Town or City Hope Grantin, Date completed Menony JUNE 9 19
(day month year) Con.. iress 171 BESSBOROUGH DR. Casing and Screen Record **Pumping Test** Inside diameter of casing..... Static level 4 106 Total length of casing Test-pumping rate .... Pumping level. Type of screen Duration of test pumping CLEAR Length of screen Water clear or cloudy at end of test CL FA 13 Depth to top of screen Diameter of finished hole Recommended pumping rate feet below ground surface Well Log **Water Record** Kind of water Depth(s) at From which water(s) found Overburden and Bedrock Record (fresh, salty, sulphur) 5 5016 110 BLUECLAL 120 SAND, KLAY 100 SAND, CLAY, BLAVEL 131 130 120 For what purpose(s) is the water to be used? .... HOUSE Location of Well In diagram below show distances of well from road and liftine. Indicate north by arrow. Is well on upland, in valley, or on hillside? VALLEY Drilling or Boring Firm DRILLINS NOAH GILBERT 150 0 C.t. Address PRALTINIORE Licence Number 1359 Name of Driller or Borer 90 AH, GILBERY PRH2 BALTIMORIE (Signature of Licensed Drilling or Boring Contractor) Form 7 15M-60-4138

OWRC COPY

UTM 1/17 2 70 719 9 2 E 2016 Commission Act

Elev. 5 P 0620	WATER	WELL	RECORD
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OWRC COPY

Elev. 5 PO620 WATER WEI				
Basin 29 Durnam	Γownship, Village,	Town or City	Hope Tws	p.•
Con. 8 Lot / 6 I	Date completed	31 Janua	ry 196	gear)
	<sub>dress</sub> Garder			
Casing and Screen Record		Pumping		
Inside diameter of casing 6411		15 30!		
Total length of casing 761		rate		
Type of screen Homemade				
Length of screen 3'xxxx (Tail pipe 5')		t pumping		
Depth to top of screen 761		cloudy at end of		
Diameter of finished hole 614		pumping rate.		
	with pump sett	ing of <b>3</b> 0	<del>_</del>	
Well Log				r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Brown clay	0	70	70 70	Tintoatod
Fine gravel and sand	70	79	79-79	Untested Fresh
For what purpose(s) is the water to be used? Dwelling	In diam	Location am below show		all from
Is well on upland, in valley, or on hillside? Upland Drilling or Boring Firm RUSSELL E. ELVIDGE WELLDRILLER		d lot line. Inc		
Address 813 Cameron Street		1.1	٠ ﴿	
Peterborough, Ontario Licence Number 2874		1°71	<del></del>	
Name of Driller or Borer Russell E. Elvidge	Rog		, 258	5°'
Address 813 Cameron Street, Peterborough, Ont Date April 4,1968  (Signature of Licensed Drilling or Boring Contractor)		Lot	GARTEN A	1120
Form 7 5M 60-20912		17	16	్ర్జున్ల, ప్రదే

UTM 1/7   70/7   38/2   E  CON 5   48   8   1   3/10   N  The Ontario Water Reso  Elevo 5   0   5   7   0   WATER WEI  Basin 2   4   1   7   0   8/4   7    Con.   8   Lot.   1   1   1    Lot.   1   1   1    Lot.   1	L REC	UKD - own or City	GROUND WAT  19 1 19  ONTARIO TRESOURCES CO	NATER CHAISSION
Owner DEPT LAMPS + Tan 35/5 (print in block letters)			170	
Casing and Screen Record  Inside diameter of casing  Total length of casing  Type of screen  Length of screen  Depth to top of screen  Diameter of finished hole  Well Log		oumping oudy at end of	70 20 21/8 test E	G.P.M.
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
BLUETCAT	57	57	572	FPESH
For what purpose(s) is the water to be used?  PAR  Is well on upland, in valley, or on hillside?  Drilling or Boring Firm  Address  Pog 7 Hope	road and	m below shov	of Well  v distances of we dicate north by	ell from arrow.
Licence Number  Name of Driller or Borer  Address  Date  (Signature of Licensed Drilling or Boring Contractor)  Form 7 10M-62-1452  OWRC COPY				C\$5.58

WATER RESOURCES DIVISION 19EPN9 198521 ntario Water Resources Commission Act ONTARIO WATER RESOURCES COMMISSION Township, Village, Town or City Hope Twso. Date completed Aug. 13,1965 8 ess Campbellcroft, Ontario. **Pumping Test** Casing and Screen Record Flowing Static level Inside diameter of casing Test-pumping rate 50 G.P.M. Total length of casing 6" x 5' x No 20 slot Stainless Steel. 201 Pumping level Type of screen Length of screen 7' tail pipe and 7'slotted pipe Duration of test pumping 2 hours
below screen Bottom botiles filled with Water clear or cloudy at end of test round botiles filled with pipe Recommended pumping rate 5 G.P.M. Diameter of finished hole 6 x x x 6 111 with pump setting of 30 feet below ground surface **Water Record** Well Log Kind of water Depth(s) at From (fresh, salty, sulphur) which water(s) Overburden and Bedrock Record found 0 Sandy loam Sandy clay 120 Clay 120 139 Sand & gravel 139 Gravel (fine) 13**9-1**65 Fresh 165 150 Lamestone Location of Well For what purpose(s) is the water to be used? Farm. In diagram below show distances of well from road and lot line. Indicate north by arrow. Is well on upland, in valley, or on hillside? Valley Drilling or Boring Firm RUSSELL E. ELVIDGE WELLDRILLER 813 Cameron Street, Peterborough, Ontario GARDEN HILL Licence Number 1791 Charles Walsh Name of Driller or Borer R.R.1, Newtonville, Ont. (Signature of Licensed Drilling or Joring Contractor)

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Form 7 15M-60-4138

JTM	1172708100 148181300	
	17.0 817100	

ev.   5 R   0 5 7 5 The Ontario Water Reso				
WAILK WHERE	REC	UKD	Ho	PE
County or District Murham	ownship, Village,	<del>Town or Ci</del> ty	Garden	h; 1
Con. 7 Lot 16 JUN 2 7	1969 ate completed	8	april	1969
•	MATER GUY D	EN HI	LL, ONT	year)
Casing and Screen Record		•	ng Test	
Inside diameter of casing 6 4	Static level	20	ft	
Total length of casing				G.P.M.
Type of screen	Pumping level	40		
Length of screen			3 hr	
Depth to top of screen			f test clean	
Diameter of finished hole 6 4				<b></b> . <b></b> . <b></b> . <b></b> . <b></b> . <b></b>
	with pump setti	ing of 6 0	feet belo	w ground surface
Well Log				r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Top 9 sub soil	0	10		
blue clay	78	79	29.	100.
sund of graver	78	/ / /	77.	turn.
· ·				
			-C W-II	
For what purpose(s) is the water to be used?	T., J.,		of Well v distances of we	II from /
0 1			dicate north by	
Is well on upland, in valley, or on hillside? upland.				
Drilling or Boring Firm Mouh Gilbert	_	7	#. #O #	
DD HI DIF	13 - 4	CA' >1	KOAD NO!	7
Address R. R. #2 Baltimore	3 -	3, -		
2 2 4 2	18	$\psi$		
Licence Number 3 2 4 0	N 188			
Name of Driller or Borer M. Gilbert	1 2	. NELLEO	-	
Address 103 A King St. W. Cobourg		V	house	
Date april 8 19,69	10 1			
(Signature of Licensed Drilling or Boring Contractor)	1 5 E			
Form 7 15M-60-4138 .	1 1 1			
OWRC COPY			3	e grande (grande)
O II R G GGI .			•	

#### The Ontario Water Resources Commission Act

190272 1. PRINT ONLY IN SPACES PROVIDED 2. CHECK CORRECT BOX WHERE APPLICABLE COUNTY OR DISTRICT TOWNSHIP, BOROUGH, CITY, TOWN. Durham Hope DATE COMPLETED 04 1 08 69 # 1 Camelcroft, Ontario 811320 24 LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) MOST DEPTH - FEET GENERAL COLOUR OTHER MATERIALS GENERAL DESCRIPTION COMMON MATERIAL FROM то Brown topsoil clay 0 21 251 Grey clay 21 Grey clay sand 251 143 Grey gravel sand 143\* 145 31 agazlelazas 1 agazstzas 1 1 011432astas 1 a/45t2/1/as 1 1 1 1 1 32 0 14 15 21 32 32 32 SIZE(S) OF OPENING
(SLOT NO.)

MATERIAL AND TYPI DIAMETER 34-38 LENGTH 51 GASING & OPEN HOLE RECORD WATER RECORD 41 WATER FOUND AT - FEET WALL THICKNESS INCHES DEPTH TO TOP OF SCREEN KIND OF WATER MATERIAL MATERIAL AND TYPE 7143-<sup>10-13</sup> 1 FRESH 2 SALTY 3 D SULPHUR 12.88 0145 坤 4 MINERAL 6大 2 GALVANIZED
3 CONCRETE 3 SULPHUR
4 MINERAL 1 T FRESH 61 PLUGGING SEALING RECORD & 2 SALTY 4 🗌 OPEN HOLE DEPTH SET AT - FEET ☐ STEEL 3 SULPHUR 1 🗆 FRESH 2 GALVANIZED FROM 2 SALTY 4 - MINERAL 3 CONCRETE 4 OPEN HOLE 3 SULPHUR 2 1 T FRESH 22-25 1 🗆 STEEL 2 SALTY 4 | MINERAL 2 GALVANIZED 3 SULPHUR 1 🗌 FRESH 3 CONCRETE 4 MINERAL 2 SALTY LOCATION OF WELL 2 BAILER 30 H PUMP <u>0030</u> IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW. 1 PUMPING WATER LEVEL WATER LEVELS DURING RECOVERY 30 MINUTES 29-31 15 MINUTES 26-28 060<sub>FEET</sub>  $\mathcal{O}6Q_{\text{eff}}$ 060 FEET 060 038 060 FEET PUMP INTAKE WATER AT EN TEST Z I T CLEAR 2 ☐ CLOUDY RECOMMENDED PUMP SETTING RECOMMENDED Σ RECOMMENDED PUMP TYPE 46-49 PUMPIN RATE I DEEP 100 ☐ SHALLOW FEET GPM 001.4 Tono GPM./FT. SPECIFIC CAPACITY WATER SUPPLY  $^{5}\,\square$  ABANDONED, INSUFFICIENT SUPPLY **FINAL** ⊶2 OBSERVATION WELL 6 ABANDONED, POOR QUALITY STATUS 3 TEST HOLE
4 RECHARGE WELL 7 UNFINISHED OF WELL 1 DOMESTIC 5 COMMERCIAL 2 🗆 STOCK 6 MUNICIPAL WATER 3 | IRRIGATION 7 D PUBLIC SUPPLY USE 0/ 4 INDUSTRIAL  $8 \square$  cooling or air conditioning Elizabethville ☐ OTHER 9 \( \text{NOT USED} 1 K CABLE TOOL 6 D BORING **METHOD** ROTARY (CONVENTIONAL) 7 DIAMOND ROTARY (REVERSE) DRILLING 4 ROTARY (AIR) 5 AIR PERCUSSION DATA SOURCE 160969 1904 R. E. Elvidge, Welldrilling 3**332** Z DATE OF INSPECTION 813 Cameron Street, Peterborough NAME OF DRILLER OR BOREF Tom Tucker OFFICE <u>3332</u> C5S.58 SUBMISSION DATE 4 OWRC COPY

## MINISTRY OF THE ENVIRONMENT

FORM 7

07-091

# The Ontario Water Resources Act

WATER WELL RECORD **ONTARIO** 1903703-1. PRINT ONLY IN SPACES PROVIDED 2. CHECK X CORRECT BOX WHERE APPLICABLE COUNTY OR WOTHIC DATE COMPLETED BASIN CODE 708000 LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) DEPTH - FEET MOST **GENERAL COLOUR** GENERAL DESCRIPTION OTHER MATERIALS COMMON MATERIAL FROM 0001802 001540528 002820512 0036228 1 32 DIAMETER 34-38 | LENGTH SIZE(S) OF OPENING 39-40 CASING & OPEN HOLE RECORD **WATER RECORD** (SLOT NO.) DEPTH - FEET INCHES FEET WALL KIND OF WATER MATERIAL THICKNESS MATERIAL AND TYPE 41-44 80 DEPTH TO TOP FROM ŢQ INCHES INCHES OF SCREEN FRESH 3 | SULPHUR ¹ ☐ STEEL F E **E T** 2 SALTY 4 MINERAL 2 🔲 GALVANIZED 3 CONCRETE 1 ☐ FRESH 3 ☐ SULPHUR PLUGGING & SEALING RECORD 4 OPEN HOLE 2 SALTY 4 MINERAL DEPTH SET AT - FEET 20-23 (CEMENT GROUT. MATERIAL AND TYPE 1 FRESH 3 SULPHUR 24 LEAD PACKER, ETC.) ΤQ FROM Carried Co. 2 SALTY 4 MINERAL 3 CONCRETE 10-13 14-17 1 TRESH 3 SULPHUR 29 4 
OPEN HOLE 24-25 1 STEEL 27-30 18-21 22-25 2 SALTY 4 MINERAL 2 GALVANIZED 30-33 1 TRESH 3 SULPHUR 30-33 80 3 CONCRETE 26-29 2 SALTY 4 MINERAL 4 🗌 OPEN HOLE 11-14 DURATION OF PUMPING 10 | PUMPING RATE PUMPING TEST METHOD LOCATION OF WELL ☐ PUMP IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND WATER LEVEL STATIC INDICATE NORTH BY ARROW. WATER LEVELS DURING LOT LINE. END OF 2 DECOVERY PUMPING 30 MINUTES 6D MINUTES 22-24 45 MINUTES 15 MINUTES WATER AT END OF TEST 38-41 PUMP INTAKE SET AT IF FLOWING. GIVE RATE 1 🗌 CLEAR GPM RECOMMENDED RECOMMENDED PUMP TYPE 46-49 RECOMMENDED ☐ SHALLOW ☐ DEEP SETTING GPM. QQQ. Z GPM./FT. SPECIFIC CAPACITY 50-53 5 ABANDONED. INSUFFICIENT SUPPLY 1 MATER SUPPLY FINAL 2 DBSERVATION WELL 6 ABANDONED, POOR QUALITY STATUS 3 TEST HOLE 7 UNFINISHED **OF WELL** 4 RECHARGE WELL 55-56 DOMESTIC 5 COMMERCIAL 2 STOCK 6 MUNICIPAL WATER 3 | IRRIGATION 7 DUBLIC SUPPLY 8 COOLING OR AIR CONDITIONING USE 4 | INDUSTRIAL 9 ☐ NOT USED ☐ OTHER 6 CORING 1 CABLE TOOL **METHOD** 7 D BIAMOND 2 ROTARY (CONVENTIONAL) OF B . JETTING 3 ROTARY (REVERSE) 9 DRIVING 4 🔲 ROTARY (AIR) DRILLING 5 AIR PERCUSSION DRILLERS REMARKS: NAME OF WELL CONTRACTOR INSPECTOR OFFICE

#### MINISTRY OF THE ENVIRONMENT The Ontario Water Resources Act

**WELL RECORD** CON 4504521 **- ||** 45011 ATE COMPLETED NO. 06 ENTERPRISES 242 -MAR 02, 1977 4504521 LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) DEPTH - FEET MOST COMMON MATERIAL GENERAL DESCRIPTION GENERAL COLOUR OTHER MATERIALS TOP 5016 0 GREY CLAY 6001 02 1 1 6017205 1 0024 2805 10026 1128 1 1111 32 \[ \langle \la SIZE(S) OF OPENING (SLOT NO.) 41 51 **CASING & OPEN HOLE RECORD** SCREEN **WATER RECORD** WATER FOUND AT - FEET KIND OF WATER WALL THICKNESS INCHES MATERIAL AND TYPE DEPTH TO TO OF SCREEN FRESH 3 | SULPHUR 2 SALTY 4 MINERAL GALVANIZED
CONCRETE
OPEN HOLE 0 26 3 1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL **PLUGGING & SEALING RECORD** 61 0026 DEPTH SET AT - FEET 1 STEEL MATERIAL AND TYPE 1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL 2 GALVANIZED 3 CONCRETE 1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL 4 DOPEN HOLE 27-30 22.25 1 STEEL 18-21 2 | GALVANIZED I FRESH 3 SULPHUR
2 SALTY 4 MINERAL 30-33 80 LOCATION OF WELL 0783 0/ 15-16 HOURS 0008 06 17-18 MIN IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW. WATER LEVELS DURING 1 CLEAR RECOMMENDED PUMP SETTING DEEP DOC. 8 GPM. / FT. SPECIFIC CAPACITY WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY **FINAL** OBSERVATION WELL 6 ABANDONED, POOR QUALITY **STATUS** 1 TEST HOLE
4 RECHARGE WELL 7 UNFINISHED **OF WELL** DOMESTIC 2 STOCK 5 COMMERCIAL 2 d STOCK
3 D IRRIGATION 6 MUNICIPAL **WATER** PUBLIC SUPPLY 4 🔲 INOUSTRIAL 8 COOLING OR AIR CONDITIONING USE O 8 TH. LINE 9 D NOT USED ☐ OTHER 6 BORING
7 DIAMONO 1 CABLE TOOL **METHOD** 2 | ROTARY (CONVENTIONAL) 3 | ROTARY (REVERSE)
4 | ROTARY (AIR) 8 🛘 JETTING OF **DRILLING** S AIR PERCUSSION 02 07 75 ONLY 3/29 3129 DATE OF INSPECTION USE LICENCE NUMBER IJB. OFFICE 3129 W١ 055.38



# MINISTRY OF THE ENVIRONMENT The Ontario Water Resources Act

# WATER WELL RECORD

31D W

Ontario	1. PRINT ONLY IN 2. CHECK 🗵 COR			11	4	\$546J		MUNICIP. 450	, con,		22 23 24
COUNTY OR DISTRICT	HUMBERL.	نر ز	BOROUGH, CITY	, TOWN, VILLAC	GE 3	_	1 _	BLOCK, TRACT, SI		VIII OK	01604
	MOLKA.		DRESS	<u> </u>				· 8 N 5 4	DATE CO	APLETED OF	48-53
	ZONE EASTING		NORTHUNG	AMEL	RC E	LEVATION OF	RC RC	BASIN CODE	DAY_CZ	мо	YR 6
21	TO TO TENSTING EASTING BY 10 12	5,20	46811	7.70	25	<b>ひ</b> うらう	30	31			47
	MOST	OG OF OVE	RBURDEN	AND BED	ROCK	MATERIAL	LS (SEE I	NSTRUCTIONS)	<u></u>	DEPT	H - FÆET
GENERAL COLOUR	COMMON MATERIAL		OTHER MAT	ERIALS			GENER	AL DESCRIPTION	· · · · · · · · · · · · · · · · · · ·	FROM	то
	Water State of the state of the			<u>-</u>		3 ~~			,		9 0
	CLAY		<u></u>	·		PEN	<del></del>			0 5 x	40
	CLAY					7	2512	•	<u>.</u>	000	
	SAND			<u> </u>	<del></del>	DE				1000	100
GREY	SAND		<u> </u>		·	(D)				125	150
	CRAVEC		· · · · · · · · · · · · · · · · · · ·	<u> </u>	· · · · · · · · · · · · · · · · · · ·	501	The second second		<u>, , , , , , , , , , , , , , , , , , , </u>	121	
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	60586 008	030566	0100	22866	1 01	253052	<u> </u>	0/30228	85 0	1358118	
32	14 15		32		43			54 S) OF OPENING	31-33 DIA	METER 34-38	75 80 LENGTH 39-40
WATER FOUND AT - FEET	ER RECORD  KIND OF WATER	INSIDE DIAM.	MATERIAL	WALL THICKNESS		- FEET		Г NO.)		INCHES	FEET
10/13	FRESH 3 SULPHUR 14 SALTY 4 MINERAL	• INCHES	STEEL 12	INCHES	FROM	10 !3-16	SCR	RIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44 80 FEET
15-18 1	FRESH 3 SULPHUR 19	3 [	GALVANIZED CONCRETE		0	0135	61	PLUGO	ING & SEA	ALING REC	
	SALTY 4 MINERAL  FRESH 3 SULPHUR 24	17-18 1	OPEN HOLE  STEEL  GALVANIZED	9		20-23	DEPTH	SET AT - FEET	MATERIAL A	NILLABE	MENT GROUT. PACKER, ETC.)
2 0	SALTY 4 MINERAL  FRESH 3 SULPHUR 29	3 [	CONCRETE OPEN HOLE				10	0-13 14-17			
2 🗆	SALTY 4 MINERAL	2 [	STEEL 20	6		27-30	·	8-21 22-25			
1 ' '	FRESH 3 SULPHUR 34 SALTY 4 MINERAL	1	OPEN HOLE		<u>.</u>		2.6	30-33	80		<u>:</u>
71 1 PUMPING TEST METH	10 PUMPING RAT		4 DURATION OF PL 03 15-		7-18		L	OCATION	OF WE	LL	
STATIC	WATER LEVEL 25 END OF WATER	LEVELS DURING	1 🗆	PUMPING RECOVERY	INS.	IN DIA LOT LI		OW SHOW DISTA		L FROM ROAD	AND +
S + 19-21	PUMPING 22-24 15 MINUTES 26-		45 MINUTES	60 MINUTE	.s 5-37			<b>1</b> :			
FEET IF FLOWING.	FEET FE	SET AT	WATER AT END	<del></del>	42		· ·		•		•
S GIVE RATE  OOO  RECOMMENDED PUM	GPM.	FEE	1 CLEAR 5 RECOMMENDED	· · · · · · · · · · · · · · · · · · ·	DY49	0/6201	A KON	5	12	•	
SHALLOW	PUMP		PUNPING RATE		GPM.	( <		N 3	=	•	-
50-53	GPM./FT. SP	ECIFIC CAPACITY		· · · · · · · · · · · · · · · · · · ·			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			·	
FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION WE 3 TEST HOLE	LL _ 6 A	ANDONED, INSUE ANDONED, POOR VEINISHED		LY	\$ 5.			Ų.		<u>-&gt;</u> >z_
OF WELL 55	4 RECHARGE WELL	·			_			7			
WATER	DOMESTIC  2 STOCK 3 RRIGATION	5   COMMI 6   MUNIC 7   PUBLIC	IPAL			¥	C	3/2	7.3		
USE	4   INDUSTRIAL   OTHER	·	NG OR AIR COND			1		2	157		
1455 T. 1400	57 CABLE TOOL		6 BORING	<del></del>		• .		U			
METHOD	2  ROTARY (CONVENT)  3  ROTARY (REVERS)  4  ROTARY (AIR)		7 DIAMOND  8 DIAMOND  9 DRIVING				1	1009	58	· ».	
DRILLING	5 AIR PERCUSSION		J DRIVING		DR	ILLERS REMARK	(S:			<del></del>	
NAME OF WELL C		1) 150 1		CENCE NUMBER	کالک	DATA	/ 58	CONTRACTOR  2300	59-62 DATE REGEL	804	63-68 80
ADDRESS	RIS WEL		·		E ON	DATE OF INSPE	ECTION	INSPEC	OR		
NAME OF DRILLE		-	LI	CENCE NUMBER	E USE	REMARKS:					P my 11/73
S 17 L - 12 SIGNATURE OF 9	ONTRACTOR	3/5/2/ su	BMISSION DATE	2300		n con 0	when -			⊊ ?	- JAR
12.6/	4	14	025 MO.	S YR	26 o			·			W I

MINISTRY OF THE ENVIRONMENT

(8)	W	ATER \	NEL		_	ORD	1	3ID	ld-
Ontario	_	SPACES PROVIDED RECT BOX WHERE APPLICABLE		45047	98	#5011	Çøn IS Øn		0.7
COUNTY OR DISTRICT	Milumbulan	Hope	XXXXXXXXXXXX	3	9 CON	BLOCK, TRACT, SURVEY.	ETC.		016 or
		R. 1	, Cambell	lcroft,	Ont.		DATE COMPLE	тер мо <b>0</b> 9	48-53 YR. 77
		8,1	240 4	0580	5	BASIN CODE	"	01	iv
1 2	" 10 12 L(	OG OF OVERBURDEN	N AND BEDRO	CK MATERIA	LS (SEE )	NSTRUCTIONS)			47
GENERAL COLOUR	NOST COMMON MATERIAL	OTHER MA	TERIALS		GENER	AL DESCRIPTION		DEPTH FROM	- FEET
Brown	Top soil			So:				0	2
Blue	Clay				dium			2	60
Grey	Gravel (wa	shed), Sand		POG	ose			60	75
					· · · · · · · · · · · · · · · · · · ·				
			dimension is a second s			***************************************			
	-								
(31) 10002	260285 1006	030578 007	52112877		البليا		سيا لِــ	ЩЩ	ا لبل
32	14 15 21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0554.1101.5.5	43	SIZE	54 S) OF OPENING 3	55 1-33 DIAMETER	34-38	75 80 LENGTH 39-40
WATER FOUND	KIND OF WATER	INSIDE MATERIAL	THICKNESS	DEPTH - FEET	N ISLOT	RIAL AND TYPE	05	250 <sub>HES</sub>	<b>22</b> FEET
	FRESH 3   SULPHUR 14 SALTY 4   MINERAL	10-11 1 X STEEL  2 GALVANIZED	12 .188 C		SC		0	OO5.	3 -561
	FRESH 3 SULPHUR 19 SALTY 4 MINERAL	ole 1 CONCRETE		0060	61	PLUGGING	& SEALI		
20-23 1 🗀	FRESH 3 SULPHUR 24 SALTY 4 MINERAL	TIT-18 CT COMES TO STATE OF THE	" <del>-188 53</del>	75	FROM	TO MA	TERIAL AND T		ENT GROUT, ACKER, ETC :
	FRESH 3 SULPHUR <sup>29</sup> SALTY 4 MINERAL	4 OPEN HOLE	26	27-30		3-21 22-25			
30-33 I 🗆	FRESH 1 SULPHUR 34 6	2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			26	.29 30-33 80			
PUMPING TEST MEY	·		l	AND THE PROPERTY OF THE PARTY O	L	OCATION O	WELL		N
STATIC		GPM 04 HO	PUMPING	IN DIA		OW SHOW DISTANCES DICATE NORTH BY ARE		OM ROAD	AND /
19-21 19-21	22-24 15 MINUTES	30 MINUTES 45 M NUTES 28 29-31 3	2-34 35-37						4
	38-41 PUMP INTAKE		PEET 020 FEET 0 OF TEST 42		0 11	3			1
IF FLOWING. GIVE RATE  RECONMENDED PUN		D 43-45 RECOMMENDED	R 2 CLOUDY	1	PONE	-		CRO	
SHALLOW		D50 FEET PUMPING PATE D1	<b>D10</b> GPM		1	VIN		U	
FINAL	54 1XC WATER SUPPLY	5 ABANDONED, INSU		4.40	7 feit 16	1		RD. 9	
STATUS OF WELL	2 OBSERVATION WE 3 TEST HOLE 4 RECHARGE WELL	LL 6 ABANDONED POO	R QUALITY	LAT	4	- 1	2/		2
	5-56 1X DOMESTIC	5 COMMERCIAL 6 MUNICIPAL				× 50'		Soft.	Lot14
WATER USE <b>D</b>		7 PUBLIC SUPPLY 8 COOLING OR AIR CONT	T .			35, <u>Ail</u>		1	
	OTHER  57 1 K CABLE TOOL	9   NO	JI USED		1			*	•
METHOD OF	2 ROTARY (CONVEN	NTIONAL) 7 DIAMOND E) 8 DIETTING					•	•	
DRILLING	4   ROTARY (AIR) 5   AIR PERCUSSION	9 DRIVING		DRILLERS REMAR	ıKS:				
MAME OF WELL		ling Co.Ltd	2104	DATE OF INSP	/ 58	2/04 59-62	nate received 2 4	107	7 63-60 80
ADDRESS		eterborough,	_ 1	DATE OF INSP	ECTION	INSPECTOR			
NAME OF DRILLI			LICENCE NUMBER	빙				F	July 11/23
S SCHOLLINE OF	er or borer  ng  contractor  Ml Ml M/	SUBMISSION DATE	0 77	OFFI		**************************************	100, 38	Ī	W I

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32	111111111111111111111111111111111111111	32	43		65 75 80
<b>(41)</b>	WATER RECORD	51 CASING & OPEN HOLE		SLOT NO	DIAMETER 34-38 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	DIAM MATERIAL THECKNESS	DEPTH - FEET CO	MATERIAL AND TYPE	INCHES FEET  DEPTH TO TOP 41-44 30  OF SCREEN
O 150	FRESH 3 SULPHUR 4	10-11 1 \$516E. 12	<b>61</b> 50	)	FEET
15-18	1  FRESH 3 SULPHUR 19 2 SALTY 4 MINERAL	06 4 C OFEN HOLE		61 PLUGGING & S	SEALING RECORD
20-23	1 FRESH 3 SULPHUR 24 2 SALTY 4 MINERAL	17-18	20-23	FROM 10 MATERIA	AL AND TYPE LEAD PACKER ETC
25-28	I ☐ FRESH 3 ☐ SULPHUR 29	3 [] CONCRETE 4 [] OPEN HOLE 24-25 1 [] STEEL 26	27-30	10-13 14-17 16-21 22-25	
30-33	2	2 C GALVANIZED		26-29 30-33 80	
	2 SALTY 4 MINERAL	4 [] OPEN HOLE			
71	PUMP 2 T BAILER	620 GPM 04 HOURS 00 MINS		LOCATION OF W	YELL

IN DIAGRAM BELOW SHOW DISTANCES OF LOT LINE INDICATE NORTH BY ARROW WATER LEVELS DURING RECOVERY PUMPING TEST 028 - 150 RECOMMENDED PUMP SETTING P DEEP ☐ SHALLOW WATER SUPPLY
OBSERVATION WELL FINAL 6 ABANDONED POOR QUALITY **STATUS** 7 UNFINISHED OF WELL 4 | RECHARGE WELL DOMESTIC
STOCK
IRRIGATION 5 COMMERCIAL ☐ MUNICIPAL
☐ PUBLIC SUPPLY WATER 01 COOLING OR AIR CONDITIONING

9 NOT USED INDUSTRIAL USE RD 9 GARDEN [] OTHER CABLE TOOL
ROTARY (CONVENTIONAL)
ROTARY (REVERSE) 6 | BORING
7 | DIAMOND METHOD. 8 🔲 JETTING OF 15公式 15公式 15公式 9 DRIVING ROTARY (AIR) DRILLING 060 14510 AIR PERCUSSION

	NAME OF WELL CONTRACTOR	LICENCE NUMBER	7 5	DATA	,	S CONTRACT	OR 59-6	DATE RECEI	VEP A	၈ ၂
œ	ROBERT RUTH WELLDRILLING	4635	=	SOURCE	1	46	-35	$\perp$	OU	<u>~01</u>
570	ADDRESS		ĪŌ	DATE OF I	NSPECTION		INSPECTOR	•.	rakin.	3
l a	R. R. #2, CAVAN, Ont. 705-	799-5343					1, 1		/	<del></del>
IE	NAME OF DRILLER OR BORER	LICENCE NUMBER		REMARKS	Vou	of .	1 1		8/10	186
S	SAME  SUBMISSION D	ATE .	[							
၂ပ	SIGNATOR OF CONTRACTOR	мо. <u>11</u> чв.80	115						(	CSS.E

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COUNTRY OR DISTRICT	WOR'T IN ACTION		P. BOROUGH. CITY.	TOWN, VILLAGE			CON	BLOCK, TRACT, SURVEY. E	TC.	0/7
OWNER (SURNAME FIR	ST) 28-47	- X	(ODENES)	a D	('00				DATE COMPLETED	// 33
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<b>-</b>	10 12	LOG OF O	/ERBURDEN	AND BEDF	ROCK MA	ATERIAL	30	NSTRUCTIONS I		
GENERAL COLOUR	MOST COMMON MATERIAL		OTHER MATE	ERIALS			GENER	AL DESCRIPTION	DE: FROM	PTH - FEET TO
Brown	llay		Rend				Car	-l	O	26
Blue	July	د أ	tree	<u> </u>			Bon	<del></del>	26	135
House	The	<del>L</del>	Same	<u> </u>					- 3	138
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	460528173 10/3	3830517	73 0140	3//28	بيبا ل					
32 10 WAT	14 15		32		<u> </u>		SIZE	54 5) OF OPENING 31-	65 33 DIAMETER 34.31	75 AQ 8 LENGTH 39-40
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1 310° A	FRESH 3 SULPHUR 14	10-11	STEEL 12 GALVANIZED	INCHES	0 01	425	S	RIAL AND TIPE	DEPTH TO TO OF SCREEN	OP 41-44 30 FEET
1 1	FRESH 3 SULPHUR 19	06	CONCRETE OPEN HOLE				61	· · · · · · · · · · · · · · · · · · ·	SEALING REG	CORD
20-23	FRESH 3 SULPHUR 24	] ] ;	STEEL 19 CONCRETE			20-23	FROM	TO MAT		EMENT GROUT D PACKER, ETC )
	FRESH 3 SULPHUR 29	24-25	OPEN HOLE			27-30		-21 22-25		
30-33 1 🗆	FRESH 3 SULPHUR 34	3	GALVANIZED  CONCRETE  OPEN HOLE				26-	29 30-33 80		
71 JUNPING TEST METR			1-14 DURATION OF PU	MPING 17-72 IS <b>OO</b> MINS			L	OCATION OF	WELL	
STATIC LEVEL	WATER LEVEL 25	LEVELS DURING	· # 1	PUMPING RECOVERY		IN DIAGE		OW SHOW DISTANCES O ICATE NORTH BY ARRO		DAND
TEST 19-21	22-24. IS MINUTE	6-ZB Z9	32-3	1	,					
Z IF FLOWING, GIVE RATE	SE-41 PUMP INTAR	FEET O D FE	WATER AT END O		7			1		
IF FLOWING. GIVE RATE  RECOMMENDED PUM	PUMP	DED 43-	45 RECOMMENDED	2 CLOUDY	<b>-1</b> )			TID		,
SHALLOW	DEEP SETTING	70 1	PUMPING RATIOOO	<b>)</b> GPM	<u>'</u>			4		
FINAL	WATER SUPPLY 2 OBSERVATION W		BANDONED, INSUFF		]			Vair good	len. o	
STATUS OF WELL	3 TEST HOLE 4 RECHARGE WELF		JNFINISHED				+	The god	Hell	
WATER	2 (1) STOCK	5   COMA 6   MUNI 7   PUBL	CIPAL					7		
USE DI	4   INDUSTRIAL   OTHER		ING OR AIR CONDIT							
METHOD	CABLE TOOL 2 ROTARY (CONVE	NTIONAL)	6 BORING 7 DIAMOND		11		•			
OF (	3   ROTARY (REVER 4   ROTARY (AIR) 5   AIR PERCUSSION		D I JETTING DRIVING			RS REMARKS:	D.	60 176		
NAME OF WELL C	<u> </u>			NCE NUMBER				ONTRACTOR 59-62 DATE	2005	8 1 -
ON THE OF DRILLE	anders		_ 17	2/3		E OF INSPECT		INSPECTOR		
NAME OF DRILLE	R ON BORER	wel	Lice	NCE NUMBER	E USE	IARES: E	6/26	loon V	recific	1
S SIGNATURE OF CO	ONTRACTOR	s	UBMISSION DATE	~ (	OFFICE	1	7			1
Henry	TRY OF THE E	<del>~, ~ ` `</del>	лау <u>Д. З.</u> мо	8 48	0				CSS.S8	506—4—77 FORM 7



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	10.14.		OVERBURDEN	AND BEDI	₹.	MATERIAL		INSTRUCTIONS	.)		
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(31) 6030	160512	ZOEOROO EI	1273 0134	30585	] @	135BM	18				
32	14 15		32		الي		SIZE	54 S) OF OPENING	1111	55 3 DIAMETER	75 80 34-38 LENGTH 39-40
WATER FOUND	ER RECOR		CASING & C	WALL THICKNESS		ORD H - FEET	Z (SLOT	r NO )	31-3	IN .	CHES FEET
10-13	FRESH 3 []:	SULPHUR 14 INCHES	11 1 STIEEL 12	188	FROM	0/3 5	SCRI	RIAL AND TYPE		DEPTH T OF SCRE	
15-18 1 🗆	FRESH 3 [] S	SULPHUR 19	2-1 GALVANIZED 3 CONCRETE 4 OPEN HOLE	100	<b>シ</b> 、(		61	PLUG	GING 8	SEALING F	
20-23 1 🗆	FRESH 3 [] S	SULPHUR 24	STEEL 19			20-23	DEPTH :	SET AT - FEET	MATE	ERIAL AND TYPE	(CEMENT GROUT LEAD PACKER, ETC.)
25-28 1 🗆	FRESH 3 [] SALTY 4 []	SULPHUR <sup>29</sup>	3 CONCRETE 4 OPEN HOLE 5 1 STEEL 26			27-30		)-13 14.·  -21 22-2			
30-33	FRESH 3 []	SULPHUR 34 60	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE				26		3 80		
UMPING TEST METH		PUMPING RATE	11-14 DURATION OF PU		7		L	OCATIO	N OF	WELL	
I PUMP	2 BAILER WATER LEVEL END OF	00/5	GPM 0 2 15-1 HOU	6 00 17-18 RS 00 MIN						F WELL FROM R	OAD AND
LEVEL 19-21	PUMPING 22-24	<u> </u>	2 🗆	60 MINUTES		LOT LIN	NE IND	SCATE NORTH	BY ARROV	<b>w</b> .	
	7 FEET 38-41	060 FEET 020	FEET OS FE	ETO DO FEE	_						
FETCE FORWARD FOR FETCE FO	GPM P TYPE	RECOMMENDED	FEET & CLEAR	2 CLOUDY	-11				ı		
SHALLOW		PUMP OSE	DU MOUNC	7/ () GPD	11			110		•	
	54 ) D WAT	ER SUPPLY 5	ABANDONED, INSUF	FICIENT CHIPPLY	-			4	ale	ed thick	
FINAL STATUS OF WELL	2 OBS	ERVATION WELL 6 [	ABANDONED POOR UNFINISHED					- 47	GARVE	<b>/</b> '	
55	-54 1 Z DOM		DMMERCIAL		$\ \cdot\ $		+	1 1			
WATER USE 01	2 10 STO 3   IRRI 4   IND	GATION 7 P	UNICIPAL DBLIC SUPPLY DOLING OR AIR CONDIT	TIONING							
,	0	OTHER	• □ NOT	USED				(			
METHOD OF /		LE TOOL ARY (CONVENTIONAL) ARY (REVERSE)	6 ☐ BORING 7 ☐ DIAMONÐ 8 ☐ JETTING			•					크
DRILLING	4 ☐ ROT.		DRIVING		DR	CILLERS REMARKS	60 11	8			
NAME OF WELL PA	ONTRACTOR	1. 104	Lici	ENCE NUMBER	1 =	DATA	58 C		59-62 DATE	ማሽ ሰ	5 8 <b>1</b>
NAME OF ORILLER	av	Do	1	1113	ONLY	OATE OF INSPECT		4713		AU U	OI
NAME OF DRILLER	OR BORER	リロ弁、	Lici	ENCE NUMBER	E USE		lo-es	i ve	redi	and 17 F	1/26
SIGNATURE OF CO	ONTRACTOR	0	SUBMISSION DATE	<u> </u>	OFFICE			, 0	1	~	10.00 10.00 10.00 10.00
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COUNTY OR DISTRICT	Z. CFECK (2) CORR	TOWNSHIP, B P TO TO CO	SOCODOC		CON BLOCK TRACT	SURVEY ETC	(0	1 25-27 <b>) 7 7</b>
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	M 10 12	822	OO H	<u> </u>				
	LC	OG OF OVERBURDEN A	ND BEDROCK	MATERIALS	S ISEE INSTRUCTIONS	1	DEPTH -	FEET
SENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATER	IALS		GENERAL DESCRIPTI	ON	FROM	то
Brown	sand	clay, loam		soft			0	10
Grey	clay (gumbo	) water		mediı	ım		10	125
Grey	gravel	sand, water		loos	2		125	134
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	(NI 179 Act of 1017	Sangra   Nizil	V/2877		. [ , [ ] , , , [ ]	, . ,		1,1 [
31 49	106280502 012	- <del>                                      </del>	AINDIA					 
1 10	ATER RECORD	(51) CASING & O	PEN HOLE RE	CORD	SIZE(S) OF OPENING	31-33 DIAME		NGTH 39-
WATER FOUND AT - FEET	KIND OF WATER	INSIDE MATERIAL		TH - FEET	O MATERIAL AND TYPE	<i>C</i>	DEPTH TO TOP	24 FE
213410-13	FRISH SULPHUR 18	10-11 1 STEEL 12	.188 0	<i>0</i> 130	Stainle	ss steel		25
	FRESH 3 SULPHUR 19 SALTY 4 MINERAL	CONCRETE  CONCRETE  DE DEN HOLE	.160	2100		GGING & SEAL		
20-23	FRESH 3 SULPHUR 24	17-16   STEEL 19		20-23	DEPTH SET AT FEET FROM TO	MATERIAL AND		IT GROUT
25-28 1	SALTY 4 MINERAL FRESH 3 SULPHUR 29	3		27.30		-25		
	SALTY 4 MINERAL FRESH 3 SULPHUR 34	3 CONCRETE				-33 80		
2	SALTY 4 MINERAL	4 🗆 OPEN HOLE						
71 JUMPING TEST N	METHOD 10 PUMPING RA	_ 15-16	1 1	1929		ON OF WEL		
STATIC LEVEL	WATER LEVEL 25		UMPING	IN DIAC LOT LI	GRAM BELOW SHOW DI NE INDICATE NORT		FROM ROAD A	ND
TEST	24	-28 29-31 32-3	1 . 11					
	EET 125 FEET 0 75 F							
F FLOWING GIVE RATE OF RECOMMENDED	A GPM ]	<u> </u>	2 CLOUDY		1			
☐ SHALL	OW DEEP SETTING	130 FEET RATE OOD	5 GPM					
50-53	54				1	GAZDE	F.N.	
FINAL STATUS	I WATER SUPPLY 2 OBSERVATION W 3 TEST HOLE	\$ ABANDONED, INSUFFELL \$ ABANDONED POOR (	1 1	* Ø	40	/ HI	. <b>.</b>	
OF WELL	A   RECHARGE WELL	-		0				
WATER	2 STOCK	5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY		11				,
USE		DOOLING OR AIR CONDIT	3 1	$( \ \ \ )$	1) /(0)	R P)		Ø
	57 1 CABLE TOOL	6   BORING		المو		<u>ッ</u>		7
METHOI OF	3   ROTARY (REVER			77			_	
DRILLING	5 AR PERCUSSION	N .	ENCE NUMBER	DRILLERS REMARK	s 060 17/	59-62 DATE DEI	2 N 17	O SPIT
	LL CONTRACTOR <b>kner Well Dr</b> j	illing Co.Ltd		SOURCE	1 210	4 ~	) U (	<b>84</b>
ADDRESS 789		Peterborough	1 1	444		PECTOR	(	
NAME OF DR	ILLER OR BORER		ENCE NUMBER	D REMARKS	lock V.	enfrer.	8/16/3	do
STORATOR	ge Babcock	SUBMISSION DATE	7 4	OFFICE	•		CS	S.ES

FORM NO. 0506-4-77 FORM 7

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The Ontario Water Resources Act

CSS.ES

VATER WELL RECOR 4506213 45011 (11) 1. PRINT ONLY IN SPACES PROVIDED 2. CHECK S CORRECT BOX WHERE APPLICABLE COUNTY OR DISTRICT 8 LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) DEPTH · FEET GENERAL DESCRIPTION MOST GENERAL COLOUR COMMON MATERIAL 07 8' 27 763 12 1982 CASING & OPEN HOLE RECORD WATER RECORD 51 SCREEN FEET WATER FOUND AT - FEET KIND OF WATER DEPTH TO TO 1 TRESH 3 SULPHUR
2 SALTY 4 MINERAL 10-11 20/0 1 STEEL GALVANIZED
CONCRETE 30" 0/00/8 FRESH 3 SULPHUR
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Company Sulphu **PLUGGING & SEALING RECORD** 61 4 🗆 OPEN HOLE DEPTH SET AT - FEET MATERIAL AND TYPE ☐ STEEL 16 1 FRESH 3 SULPHUR 2
2 SALTY 4 MINERAL FROM G GRLVANIZED 0027 60090 □ OPEN HOLE 1 | FRESH 3 | SULPHUR
2 | SALTY 4 | MINERAL 22.25 1 STEEL 1 | FRESH 3 | SULPHUR
2 | SALTY 4 | MINERAL 30-33 80 26-29 ☐ CONCRETE OPEN HOLE LOCATION OF WELL 0 ( 15-15 00 2 BAILER 1 | PUMP IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW. WATER LEVEL END OF PUMPING 22-24 PUMPING DURING

MINUTES

30 MINUTES

0/8-28 45 MINUTES 60 MINUTES 0/ 9 32-34 22 35-1 FEET 0/5 29-31 006 IF FLOWING 1 CLEAR 2 CLOUDY 43-45 RECOMMENDED PUMPINGOOS SETTING 82 SHALLOW DADEEP S ABANDONED, INSUFFICIENT SUPPLY 1 WATER SUPPLY S ABANDONED POOR QUALITY OBSERVATION WELL **STATUS** 3 TEST HOLE
4 RECHARGE WELL 7 UNFINISHED OF WELL 1 DOMESTIC COMMERCIAL 2 STOCK
3 RRIGATION ☐ MUNICIPAL
☐ PUBLIC SUPPLY WATER IRRIGATION
INDUSTRIAL USE Of COOLING OR AIR CONDITIONING
P | NOT USED □ OTHER BORING POTARY (CONVENTIONAL)
CONVENTIONAL)
ROTARY (REVERSE)
CONVENTIONAL)
ROTARY (AIR)
CONVENTIONAL) **METHOD** OF 6 ■ ☐ JETTING 3129 1 3129

	PRINT ONLY IN SPACES PROVIDED CHECK 🔀 CORRECT BOX WHERE A	, , , ,	450653	2 7501/	CON	
COUNTY OR DISTRICT	TOWNSHIP	HOPE		CON. BLOCK, TRACT, SURVEY,	ETC	PT.of1
		5 VENUS CRESC	ENT, OSHAWA,)N	T.L1J-6E2	DATE COMPLETED  DA Q 9	48-53 YR 80
		8.0900 K	4 105751	5 24	" " "	
M 10	LOG OF OVER	RBURDEN AND BEDR	OCK MATERIALS	SEE INSTRUCTIONS		
	DST MATERIAL	OTHER MATERIALS	G	ENERAL DESCRIPTION	DEPT	H - FEET
Tan	7-1-1-1		Gravelly	Clay	Ola	<b>39 3</b> 0
Grey			Silty Cl		30	74
Brown Grey				and (no water)	<u></u>	75
Tan			Clay & G	ay (soft)	75 132	13275
					FEB 12 10	<b>W</b> 1 ;
31 0030405 72	75 007420584	0075610	0/32/2058/8	5 0/346 05/1/7	<u>v</u>	
41 WATER RECO	RD 51 CA	ASING & OPEN HOLE	RECORD Z	SIZE(S) OF OPENING 31	-33 DIAMETER 34-38	LENGTH 39
VATER FOUND KIND OF WA	DIAM	MATERIAL THICKNESS INCHES	ROM TO C	MATERIAL AND TYPE	DEPTH TO TOP	41-44
o134 untested	MINERAL 2	STEEL 12 GALVANIZED .188	0 0134			FEET
2 SALTY 4 C	MINERAL 06	CONCRETE OPEN HOLE STEEL 19	20-23	PTH SET AT . FEET	& SEALING REC	ORD
20-23   FRESH 3   2   SALTY 4	SULPHUR 2	GALVANIZED CONCRETE	F	TO MA 10-13 14-37		PACKER ETC )
25-28   FRESH 3   2   SALTY 4	MINERAL 24-25 1	OPEN HOLE STEEL 26 GALVANIZED	27-30	18-21 22-25		
30-33 1   FRESH 3   2   SALTY 4	SULPHUR 34 BO	CONCRETE OPEN HOLE		26-29 30-33 80		
UMPING TEST METHOD 1	ann 15	0 3 15-10 17-18		LOCATION OF	WELL	
STATIC WATER LEVEL LEVEL END OF	GPM 25 WATER LEVELS DURING	1 D PUMPING 2 RECOVERY	IN DIAGRAM LOT LINE.	BELOW SHOW DISTANCES (		AN D
19-21 22-2 - 030	4 15 MINUTES 30 MINUTES 26-28 29-31	45 MINUTES 60 MINUTES 32-34 35-37		$\sim$		,
	4	FEET FEET WATER AT END OF TEST 42			Harle !	-// 
FEET FEE SE  ~ 1 4 7 7	1 CLEAR 2 CLOUDY RECOMMENDED / S 46.49 PUMPING	13	1	,		
SHALLOW TO DEEP	PUMP SETTING 134 FEET	PUMPING APP.15M	110/4		75 He 1	,
54 1 X WA	TER SUPPLY 5 [] ABAN	DONED, INSUFFICIENT SUPPLY			上二十	
STATUS 3 08	SERVATION WELL 6 ABAN 5T HOLE 7 UNFI	DONED, POOR QUALITY				
55-9€ 1 🙀 DO		:IAL			Horling	
WATER USE Of	RIGATION 7 🗍 PUBLIC S		Killer	L-12M-)	10 1/0	
METHOD   2   RO	TARY (CONVENTIONAL) 7	BORING DIAMOND		The second secon	•• ••	
DRILLING 4 1 RO		□ JETTING □ DRIVING		060 67/ 10		zowa
NAME OF WELL CONTRACTOR		LICENCE NUMBER	1		THE CIPTED A A	63-68
G.HART & S	SONS	2517	SOURCE Z	INSPECTOR	<b>1</b> 9028	1
T. I	FENELON FALLS	KOM INO	ISE .	MSPECION		
KENNETH HART		2517	REMARES:		CS	SES
SIGNATURE OF CONTRACTOR	DAY -	5 yr.	1 to 1		190594	The state of the s

Envi Ontario		Y IN SPACES PROVIDED CORRECT BOX WHERE APPLI	CABLE 1	45	06539	9	<u>4501.</u>		W	1108
OUNTY OR DISTRICT	Nok - 1 311	TOWNSHIP, BOED		жx		CON. BLO	OCK, TRACT, SURV	Y, ETC.		O15
			R. 1, Cam	mball	aroft O		.OA 1BO	DATE COME	LETED 1	44-53 YR. \$
			\$1500		1550	<u> </u>	SIN FOOE	11	, "	
<u>د ایا</u>	10 12			25 2		CEC INST	BUCTIONS		<u> </u>	
	MOST	LOG OF OVERBL	HER MATERIALS	JROCK N	T		DESCRIPTION		DEPTI	1 - FEET
GENERAL COLOUR	COMMON MATERIAL		HER MATERIALS		soft				0	2
Brown Blue	top soil				medium				2	123
Grey	gravel (w	vashed)			hard				123	124
						<del></del>	de la companya de la		2 1987	
								FEB	1 3 tao	
									<del>                                     </del>	
						~~ <del>~~~</del>			-	1
1	1/10/04	100000000	A 10:Ka + firs	1 1	1111	1.11	1 1 . 1	i ,		<u> </u>
31 000	260285   O	12330578	012421173	111 LI 			<u> </u>			<u> </u>
41 WA	TER RECORD	(51) CAS	ING & OPEN HO	LE REC	ORD Z	SIZE (S)	DF OPENING	31-33 DIAM	ETER 34-38	LENGTH 39-4
WATER FOUND AT - FEET	KIND OF WATER	INSTOR	WALL THICKNESS LINCHES		ORD Z	MATERIA	LL AND TYPE		DEPTH TO TOP	41-44
124 10-13 1 1 Control	¥ FRESH 3 ☐ SULPHUR ☐ SALTY 4 ☐ MINERAL	10-11 I DASTE	LVANIZED .18	0 6	124	0				FEET
	☐ FRESH 3 ☐ SULPHUE ☐ SALTY 4 ☐ MINERAL	06 1 0P	NCRETE EN HOLE		1 11-	61	PLUGGII		LING REC	ORD
	☐ FRESH 3 ☐ SULPHUE		LVANIZED			FROM 10-13	10	MATERIAL AN		PACKER EFC )
25-28 1	FRESH 3 SULPHUI	R 29 4 0 0P	EN HOLF		27-30	18 - 21	22-75			
	FRESH 3 SULPHUI	R 34 60 s € co	LVANIZED NCRETE EN HOLE			26-29	30-33 86			
UMPING TEST ME			NATION OF PUMPING			LO	CATION	OF WE	LL	N
1 PUMP	WATER LEVEL 25	20 GPM 0	1 D PUMPING	17-18	IN DIAGRI		SHOW DISTAN	ES OF WELL	FROM ROAD	AND /
LEVEL COOPS	PUMPING		2 RECOVERY 45 MINUTES   60 MINU		EOI LINE	INDIC	ALE NORTH ST	ALLION:		
FEI			TER AT END OF TEST	35-37					1	
IF FLOWING. GIVE RATE  RECOMMENDED P	<b>200</b> 5 GPM	115 FEET 1	Declear 2 D CLC	YOUY					CRO	·
RECOMMENDED P		PU	COMMENDED MPING TE 0010	46-49 GPM					(10)	
50-53										
FINAL STATUS	1 DESERVATION	ON WELL 6 ABANDO	ONED, INSUFFICIENT SUB ONED POOR QUALITY SHED	)PLY	C R D			) ~		
OF WELL		WELL			<u>_</u>		ا ا		7	
WATER	2 DOMESTIC 2 STOCK 3 LIRRIGATION	S COMMERCIA  MUNICIPAL PUBLIC SUF			GARDEN		,	- a	7	
USE C		L • COOLING OF	R AIR CONDITIONING P		v r r tjer tu					
METHOD	57 1 CABLE TOO	_	BORING						t	
OF DRILLING	3 G ROTARY (R	EVERSE)	JETTING DRIVING			Λ.	0155.	<b>K</b>		
	S AIR PERCU	SSION	LICENCE NUMBE		DATA				/E9 <b>/\ ~</b> /	O O 03-01
,	contractor ner Well D	rilling Co.	1	! ! ≻	DATA SOURCE		2104		<b>U</b> 5	80
789 E	rskine Ave	.,Peterboro	ough, Ont.	USE O	DATE OF INSPECTE	ON .	INSPECTOR	•	yuaan	
NAME OF DRILL	LLER OR BORER		LICENCE NUMBE	"   S	DEMARKS: VO	ery	Led -	laca	3/16/8	6
S SIGNAPURE OF	LUCKNEL	1///	29 NO. 4 Y	SO OFFICE	c1	<u> </u>	1 h	•	19057	CSS.E
MIN	USTRY OF TH	E ENVIRONME		<u> </u>		=7	<del></del>			506-4-77 FORI

#### MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

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### WATER WELL RECORD

		_			ON A S
intario	1. PRINT ONLY IN	SPACES PROVIDED RECT BOX WHERE APPLICABLE	1506542	45011	
UNTY OR DISTRICT	Z. CHECK (25) CORR	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE		CON., BLOCK, TRACT, SURVEY, ETC.	LOT 25
Dl.	200	Hope		8	U\7 .
			1	DAY	
		K # Ve	W to a V + h	RC BASIN GODE II	
,	10 12	17 18 1 1 1 6 Q C	<u>0,5 /5</u>	<u>5</u> <u>7</u> H	
	LC	OG OF OVERBURDEN AND BEDRO	CK MATERIALS	(SEE INSTRUCTIONS)	
NERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	DEPTH - FEET FROM TO
	COMMON MATERIAL				0 1
Top	io.L.				
Brown	Sandy				1
Clay					0 20
Grey	Play				20 100
c	Ola 4				100 128
Vandy 1	J/a V/				126 129
Sand					100
Sand	Graveh			,	129 13
					7 R 660
	-			Plant	1 2 1007
					1 5 1901
	100 1 1000		10120 10501	1 10/120 120	120 120 111
	02 002	10C0581 0100205	9/28 0581	0/29 28	0/30 28/1
10 14				SIZE(S) OF OPENING 31-33	65 75 DIAMETER 34-38 LENGTH
	RECORD	CASING & OPEN HOLE	RECORD Z		INCHES
AT - FEET K	IND OF WATER	MATERIAL TRICKNESS	DEPTH - FEET	MATERIAL AND TYPE	DEPTH TO TOP 41-44 OF SCREEN
	RESH 3 SULPHUR 14	OGI 2 GALVANIZED	13-16	0	FEET
15-18 1   FF	RESH 3 SULPHUR 19	CONCRETE 188 0	1 0130	61 PLUGGING &	SEALING RECORD
	ALTY 4 MINERAL RESH 3 SULPHUR 24	17-18 1 STEEL 19	20-23	DEPTH SET AT - FEET MATER	IAL AND TYPE (CEMENT GROUT. LEAD PACKER, ETC.
	ALTY 4 MINERAL	2 GALVANIZED 3 CONCRETE		10-13 14-17	•
	RESH 3 SULPHUR 24 ALTY 4 MINERAL	4 OPEN HOLE 24-25 1 STEEL 26	27-30	18-21 22-25	
	RESH 3 SULPHUR 34	2 ☐ GALVANIZED 3 ☐ CONCRETE		26-29 30-33 80	
2 C SA		4 OPEN HOLE			
PUMPING TEST METHOD	.			LOCATION OF V	WELL
	BAILER COO	ı □ PUMPING		AM BELOW SHOW DISTANCES OF	
LEVEL	END OF WATER PUMPING  22-24 15 MINUTES	LEVELS DURING 2 THECOVERY  5   30 MINUTES   45 MINUTES   60 MINUTES	LOT LINE	A ARROW	•
025	26	32-34		Ą	
FECOMMENDED PUMP T	12 OFEET 1001 38-41 PUMP INTAKE				
Site kare		25' FEET , E CLEAR 2 CLOUDY			
RECOMMENDED PUMP T	PUMP	PUMPING			-
50-53 —		PECIFIC CAPACITY		we!	1111
54	WATER SUPPLY	_ ABANDONED, INSUFFICIENT SUPPLY			anden Hill
FINAL STATUS	2 OBSERVATION WE		$   _{\mathcal{M}}$	No 1	The state of the s
OF WELL /	4   RECHARGE WELL		Was a	- E 1 3/	The same with the same of the
55-5	DOMESTIC	5 COMMERCIAL 6 MUNICIPAL		16 M.I.	The second secon
WATER USE <i>O</i> I	3   IRRIGATION	7 PUBLIC SUPPLY 8 COOLING OR AIR CONDITIONING		-2/	
USE U	OTHER	9 NOT USED			
	7 , C CABLE TOOL	6 ☐ BORING			
5:	2 ROTARY (CONVE				
METHOD	3 ROTARY (REVERS		i l		
	3   ROTARY (REVERS 4   ROTARY (AIR) 5   AIR PERCUSSION	g 🗍 DRIVING	Detri coe ocurero	060 17601	
METHOD OF DRILLING	4   ROTARY (AIR) 5   AIR PERCUSSION		1	060 / 76.0/	AECEMBO - 61-
METHOD OF DRILLING	4   ROTARY (AIR) 5   AIR PERCUSSION		1		0°9 04 80°
METHOD OF DRILLING	4   ROTARY (AIR) 5   AIR PERCUSSION		DATA SOURCE ) DATE OF INSPECT	58 CONTRACTOR 59-62 DATE	090480
METHOD OF DRILLING	4   ROTARY (AIR) 5   AIR PERCUSSION	Licence number 1455	DATA SOURCE ) DATE OF INSPECT	58 CONTRACTOR 59-62 DATE	•
METHOD OF DRILLING	4   ROTARY (AIR) 5   AIR PERCUSSION	Licence Humber 1455 rel Licence Number	DATA SOURCE  DATE OF INSPECT  OF THE	58 CONTRACTOR 59-62 DATE	0°9 04 80°
METHOD OF DRILLING  NAME OF WELL CON KODDRESS  NAME OF BRILLER  SIGNATURE OF CON	A COTARY (AIR)  S AIR PERCUSSION  WITHACTOR  OR BORER  BUAGES	LICENCE HUMBER  1455  LICENCE NUMBER  1455	DATA SOURCE  O DATE OF INSPECT  O REMARKS:	SB CONTRACTOR 59-62 DATE	•

P	Ministry of the Environment
Ontario	

Ontario  1. PRINT ONLY IN SPACES PROVIDED	[	06764	MUNICIP	CON.
2. CHECK 🗵 CORRECT BOX WHERE APPLICABLE  COUNTY OR DISTRICT  TOWNSHIP, BOROUGH CITY.	TOWN, VILLAGE	COM	CONC	ETC LOT 25-27
The part of the pa			<u> </u>	DATE COMPLETED 49-53
	- I CA	MBELC	BUFT UM	
1 2 M 10 12 17 10	1 1 1	LOA!	) (	11111111111
LOG OF OVERBURDEN				DEPTH - FEET
GENERAL COLOUR COMMON MATERIAL OTHER MATE	ERIALS	GENE	RAL DESCRIPTION	FROM TO
		50424	SOIL	AY 1'8'
		SANDY	CIAN	8 50
		WETS	CUTY S	AND 50'51
31				
32				65 75 80
	OPEN HOLE RECO	RD Z	ZE(S) OF OPENING SLOT NO )	31-33 DIAMETER 34-36 LENGTH 39-40
WATER FOUND AT - FEET KIND OF WATER INSIDE DIAM INCHES	THICKNESS FROM		ATERIAL AND TYPE	OEPTH TO TOP 41-44 30 OF SCREEN
30 2 SALTY 4 MINERALS 1 STEEL 2 GALVANIZED	1 1 1		BLUCCIN	C P. SEALING DECORD
15-16 1 FRESH 3 SULPHUR 5 4 OPEN HOLE 5 PLASTIC 17-16 1 OSTEEL	3 0	20-23 DEP	TH SET AT FEET	G & SEALING RECORD  MATERIAL AND TYPE (CEMENT GROUT. LEAD PACKER, ETC.)
20-23 1 FRESH 3 USULPHUR 2 GALVANIZED 3 CONCRETE 2 SALTY 6 GAS 4 OPEN HOLE		FRO	DM TO 10-13 14-17	
25-28 1 FRESH 3 USULPHUR 2 SALTY 6 GAS 2 SALTY 6 GAS 2 GALYANIZED	6	27-30	18-21 22-25	
30-33   FRESH 3   SULPHUR 34 90 3   CONCRETE 4   OPEN HOLE 5   PLASTIC			26-29 30-33 80	
71 PUMPING TEST METHOD TO PUMPING RATE 5-14 DURATION OF P	-16 17-10		LOCATION	WELL
STATIC WATER LEVEL 25 WATER LEVELS DURING	PUMPING RECOVERY	IN DIAGRAM E LOT LINE	INDICATE NORTH BY A	
PUMPING  A-21  22-24  15 MINUTES  30 MINUTES  45 MINUT			WILLER	20014.
FEET FEET FEET FEET FEET FEET OF WATER AT END	FEET JFEET		WILL	
FEET FEET PUMP INTAKE SET AT WATER AT END GIVE RATE  GPM  GPM  GPM  GPM  GPM  GPM  GPM  GP	R 2 CLOUDY		ļ	
SHALLOW TO SEET SETTING 49 FEET RATE	4 GPM		(	
\$4				
FINAL  STATUS  TEST HOLE  FINAL  STATUS  FINAL  STATUS  STATUS  FINAL  STATUS  FI	1 1		1	) <del>*</del> - \
OF WELL   RECHARGE WELL   9   DEWATERING	<sub>W</sub>			
WATER    stock   Municipal   Water   Water   Public Supply			)	9th Line
USE   INDUSTRIAL   COOLING OR AIR CON	1 1		- EN	
METHOD    CABLE TOOL   CABLE TO	D		GARDEN	
OF 1 GROTARY (REVERSE) GRITING CONSTRUCTION 4 GROTARY (AIR) GRITING	_		< \	12055
	L CONTRACTOR'S		50 CONTRACTOR 59-6	Z DATE RECEIVED 63-66 60
LIC	ENCE NUMBER		INSPECTOR	JUL 0 6 1987
ADDRESS  ADDRESS  ADDRESS  AMME OF WELL TECHNICIAN  DENNIS  SIGNATURE F TECHNICIAN/CONTRACTOR  SUBMISSION DATE	Na SE			
DENNIS KETTOE	ENCE NUMBER			
SIGNATURE OF TECHNICIAN/CONTRACTOR SUBMISSION DATE	562 7 vr87			CSS.ES
MINISTRY OF THE ENVIRONMENT COPY		<del></del>		FORM NO. 0506 (11/86) FORM 9

The Ontario Water Resources Act

### WATER WELL RECORD

Environment Ontario		4507011	
	RECT BOX WHERE APPLICABLE 1 2	CON BLOCK TRACT, SURVEY ETC	22 23 24 LOT 25-27
Northumberland	Hope	7	16
	. R. 1. Camph	pellcroft, Ont. DAY 1	
	NG RC	ELEVATION RC BASIN CODE II	
i 2 N 10 18	17 18 24 25	26 30 31 31 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47
MOST	OG OF OVERBURDEN AND BEDROC	GENERAL DESCRIPTION	DEPTH - FEET
Brown top soil	OTHER MATERIALS	medium	0 4
		medium	4 55
Grey clay	gravel	dense	55 65
Grey sand	gravel	loose	65 69
	Screen set from 65	tb 69 ft.	
31	<u>.                                     </u>	<u>.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	<u> </u>
41 WATER RECORD	51 CASING & OPEN HOLE RE	43 54 65  CORD Z SIZE S) OF OPENING 31-33 DIAM	75 40 ETER 34-38 LENGTH 39-40
WATER FOUND KIND OF WATER	INSIDE WALL DE	PTH - FEET 2 6	DEPTH TO TOP 41-44 30
65 10-13   FRESH 3 SULPHUR 14 A MINERALS 6 GAS	10-1t 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dournit Coo Socci	OF SCREEN 61 FEET -
15-18 1   FRESH 3   SULPHUR 19	64 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 OPLASTIC	66 FLUGGING & SEA	LING RECORD
20-23 1 FRESH 3 SULPHUR 24	17-18 19 19 2 GALVANIZED	DEPTH SET AT - FEET MATERIAL AN	ID TYPE (CEMENT GROUT LEAD PACKER, ETC.)
25-26 1 FRESH 3 SULPHUR 25	3□ CONCRETE 4□ OPEN HOLE 5□ PLASTIC	10-13 14-17	
2 SALTY 4 MINERALS 6 GAS 30-33 1 FRESH 3 SULPHUR 34	1 U STEEL 2 U GALVANIZED 3 U CONCRETE	26.29 30.33 60	
2 SALTY 6 GAS	4□ OPEN HOLE 5□ PLASTIC		
71 PUMPING TEST METHOD 10 PUMPING RAT	8 GPM 8 HOURS — MINS	LOCATION OF WEL	L N
LEVEL PHIMPING	LEVELS DURING	IN DIAGRAM BELOW SHOW DISTANCES OF WELL LOT LINE INDICATE NORTH BY ARROW.	FROM ROAD AND
	-28 29-31 32-34 35-37	•	/
26 FEET 35 FEE	ESET 35 FEET 35 FEET 35 FEET 42	( PA 9)	
GPM GPM RECOMMENDED PUMP TYPE RECOMMENDED		7	
SHALLOW DEEP SETTING	50 FEET RATE 8 GPM	90' 7	(CRO)
56	ABANDONED, INSUFFICIENT SUPPLY	250 4	10/4
STATUS	_ , , ,	'	,
OF WELL 4 RECHARGE WELL	9 D DEWATERING 5 OF COMMERCIAL	S TO RE	
WATER  2  STOCK 3  IRRIGATION			
USE 4 INDUSTRIAL	COOLING OR AIR CONDITIONING     NOT USED		
METHOD    ST   DxCable tool	6 BORING  NTIONAL) 7 □ DIAMOND		
OF 3 TROTARY (CONVEN			21739
¶ ☐ AIR PERCUSSION	☐ DIGGING ☐ OTHER	DRILLERS REMARKS	
"Faulkner Well Dril	WELL CONTRACTOR'S LICENCE NUMBER SINGLE NUMB	SOURCE SOURCE SP-62 DATE RECEIVED SOURCE MAR	1 7 1988
ADDRESS	Paterborough Ont	O DATE OF INSPECTION INSPECTOR	
NAME OF WELL TECHNICIAN	Peterborough, Ont.	M ACHARKS	
S ANATONE OF TECHNICIAN CONTRACTOR	SUBMISSION DATE	OFFICE	CSS.ES
Kind of a 11	DAY 11 MO. 3 YR. 88	E 3 1	

DATE OF INSPECTION

REMARKS

OFFICE

MINISTRY OF THE ENVIRONMENT COPY

Allan Cavers

789 Erskine Ave., Peterborough, Ont.

22 NO.

DAY \_

CSS.ES FORM NO. 0506 (11/86) FORM 9

	Ministry
(77)	of the
	Environment

## The Ontario Water Resources Act WATER WELL RECORD

Ontario Envi	ronment			45 <b>0</b> 7063	MUNICIP CO		
Omano	1. PRINT ONLY IN : 2. CHECK 🗵 CORR	SPACES PROVIDED  ECT BOX WHERE APPLICABLE	11	4507063	10 14 15		22 23 74
COUNTY OR DISTRICT	onland	HODE	TOWN, VILLAGE	con 7	, BLOCK, TRACT, SURVEY ETC		17
			Campbal	lcroft, Ont.		28 NO 3	- YR 88
		<u>•                                     </u>	Campoer.	ELEVATION OC.	BASIN CODE II	.   . " .	<u> </u>
1 2	M 10 12	17 16	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ZA JOSE	31		
	L (	OG OF OVERBURDEN			RAL DESCRIPTION	DEPTH -	
GENERAL COLOUR	COMMON MATERIAL	OTHER MAT	ERIALS	medium		FROM	то 6
Brown	top soil	sand		medium		6	60
Grey Grey	clay silt	clay		medium		60	88
Grey	clay	gravel		packed		88	120
Grey	gravel	clay		packed		120	128
Brown	limestone		•	porous		128	155
						*1	
		^					
31							
32	14 15	32			54 E.S. OF OPENING 31-33	65 DIAMETER 34-38 L	75 80 ENGTH 39-40
	TER RECORD	51 CASING &	OPEN HOLE R	ECORD Z	E(S) OF OPENING 31-33   OT NO )	DIAMETER 34-38 L	FEET .
WATER FOUND AT - FEET	KIND OF WATER    FRESH 3   SULPHUR	DIAM MATERIAL INCHES	THICKNESS FRO	1 6	TERIAL AND TYPE	DEPTH TO TOP OF SCREEN	41-44 30
1	SALTY 4 MINERALS 6 GAS  FRESH 3 SULPHUR 19	1X STEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE	.188 0		PLUGGING & S	FALING RECO	RD
intested	SALTY 6 GAS	5 □ PLASTIC	19		H SET AT - FEET MATERIA	LAND TYPE (CEME	NT GROUT CKER, ETC.)
2 [	SALTY 6 GAS	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC			10-13 14-17	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
2	FRESH 3 SULPHUR 4 MINERALS 6 GAS	24-25 1 STEEL 2 GALVANIZED	6	27-30	18-21 22-25		
1 1	☐ FRESH 3 ☐ SULPHUR 341 4 ☐ MINERALS ☐ SALTY 6 ☐ GAS	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC			26-29 " 30-33 80		
71 PUMPING TEST MI	ļ	15	-16 17-18		LOCATION OF W	ELL	7
STATIC LEVEL		LEVELS DILBING	PUMPING RECOVERY		LOW SHOW DISTANCES OF W NDICATE NORTH BY ARROW.	VELL FROM ROAD A	ND /
LS3	20	30 MINUTES 45 MINUTES	60 MINUTES				4
	150 FEET 150 F		OF TEST 42		(RD 10)	(200	
IF FLOWING. GIVE RATE  RECOMMENDED P	GPM 15				.8	( e e o, g)	
☐ SHALLO	PUMP	150 FEET PUMPING	GPM		0 7	<b>5</b> - F	
50-53	54		EFICIENT CURRY	100			(2c)
FINAL STATUS	1 N WATER SUPPLY 2 OBSERVATION WI 3 TEST HOLE			⊗ +			00
OF WELL	4 ☐ RECHARGE WELL  55-56   DOMESTIC	9 DEWATERING		-160			
WATER	2 STOCK 3 D IRRIGATION	● MUNICIPAL  Description of the public supply					
USE	4   INDUSTRIAL   OTHER	COOLING OR AIR CONE	1				
METHOD	57 1 G CABLE TOOL 2 ROTARY (CONVE	● BORING NTIONAL) 7 □ DIAMOND					
OF CONSTRUCT	ION 4 ROTARY (REVERS	SE)				31	340
NAME OF WELL	S AIR PERCUSSION	WEL	L CONTRACTOR'S	DRILLERS REMARKS	5 Y W	ECEIVED	63-60 80
1 1	er Well Dril	LICE	2104	SOURCE DATE OF INSPECTION	1 _	PR 1 1 198	8
789 Er	skine A <b>ve.,</b> P	eterborough,	Ont.	SE			
NAME OF WE	Cavers	WEL	L TECHNICIAN'S ENCE NUMBER				
O A LATURE O	F TECHNICIAN/CONTRACTOR	SUBMISSION DATE DAY 30 NO	3 🗚	OFFICE		CGG	.ES
lum	7amour	DAY MO				FORM NO. 0506 (	

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## Ministry

The Ontario Water Resources Act

### WATER WELL RECORD

Onta		ronmen† 1. Print only in 2. Check ⊠ Corp	SPACES PROVIDED  THE THE SPACES PROVIDED  THE THE SPACES PROVIDED  THE S	45071	10 14	CON.	22 23 24
COUNT	OR DISTRICT	THE ANDRE	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE		CON. BLOCK, TRACT, SURVEY, ETC		17
			24		DAT	E COMPLETED	88
			R.#1 CAMPB	ELLCROFI		Y MO	YR. SV
1 2		M 10 12	17 18 24 25	26	30 31		47
		Most	OG OF OVERBURDEN AND BEDROO	CK MATERIAL	GENERAL DESCRIPTION	DEPTH	I - FEET
GENE	RAL COLOUR	COMMON MATERIAL	OTHER MATERIALS			FROM	70
Terris.	Trans	OT A I	CALID		TOP SOIL		1.0
-	ITE OWN	CLAY GRAVEL	SAND		FIRE	42	42 50
10 IX	7,887.6	CHICALVEL			FINE	4-6	
	_						
31					<u>, , , , , , , , , , , , , , , , , , , </u>		
32	1,,	TER RECORD	51 CASING & OPEN HOLE R	ECORD 1	54  SIZE(5) OF OPENING 31-33  C (SLOT NO )	65 DIAMETER 34-38	75 80 LENGTH 39-40
WATE	R FOUND	KIND OF WATER	INSIDE WALL D	EPTH - FEET	12	6 INCHES	6 6 6 11 FEET
5	10-13	FRESH 3 SULPHUR 14 SALTY 4 MINERAL	10-11 1 X STEEL 12	13-16	STAINLESS STEE	OF SCREEN	1611 FEET
<u>ر</u>	15-1 <b>8</b> 1 C	FRESH 3 SULPHUR 19	61 CONCRETE 188	50	61 PLUGGING &	SEALING REC	ORD
	i -	SALTY 4 MINERAL  FRESH 3 SULPHUR 24	17-18   STEEL 19	20-23	DEPTH SET AT - FEET MATER		ENT GROUT. PACKER, ETC.)
	2 C	SALTY 4 MINERAL  FRESH 3 SULPHUR 29	3 CONCRETE 4 OPEN HOLE		10-13 14-17		
	2 [	SALTY 4 MINERAL	24-25 1  STEEL	27-30	18-21 22-25 26-29 30-33 80		
	2 [	] FRESH 3   SULPHUR <sup>34</sup>   ] SALTY 4   MINERAL	3 CONCRETE 4 OPEN HOLE		26-54 30-33 90		
71	OMPING TEST ME	THOD 10 PUMPING RAT	7 2 15-16 (1) 17-18		LOCATION OF	WELL	
	STATIC LEVEL	WATER LEVEL 25 END OF WATER	LEVELS DURING    GPM   L HOURS   UNIVERSE	IN DIA LOT L	AGRAM BELOW SHOW DISTANCES OF INE. INDICATE NORTH BY ARROW		AND
TEST	19 - 21	34	30 MINUTES 45 MINUTES 60 MINUTES	İ			NT.
	32 FEET	FEET F	EET FEET FEET FEET SET AT WATER AT END OF TEST 42				M
8	GIVE RATE	GPM	FEET 1 🔀 CLEAR Z 🗆 CLOUDY				
2	RECOMMENDED PU	PUMP	D 43-4S RECOMMENDED 46-49 PUMPING GPM				
	)-53				X		
	FINAL STATUS	1 ST WATER SUPPLY 2 OBSERVATION WE	D .			r	₹)
	OF WELL	3   TEST HOLE 4   RECHARGE WELL	7 UNFINISHED		-> GARDEN	HILL	1
	WATER	5-56  1	5 COMMERCIAL 6 MUNICIPAL 7 DEBUG SUPPLY	FIRE	HALL .		
	USE	3   IRRIGATION 4   INDUSTRIAL E] OTHER	PUBLIC SUPPLY COOLING OR AIR CONDITIONING NOT USED				
		57 CABLE TOOL	6   BORING				
	METHOD OF	2 ROTARY (CONVEI	NTIONAL) 7 DIAMOND (E) 8 DIETTING		WELL(x) to HOU WELL(x) to ROA	ISE(□)-	901
	DRILLING	4   ROTARY (AIR) 5   AIR PERCUSSION	9 DRIVING	DRILLERS REMAR	WELL(x) to ROA	D	- 151
	NAME OF WELL		LICENCE NUMBER	DATA SOURCE	58 CONTRACTOR 59-62 DATE 4635	MAY 26 19	63-68 80
TOR	ADDRESS		DETLLING, Ltd. 4635	SOURCE DATE OF INSPE		11M1 20 13	<u> </u>
RAC	R.R.		ARIO . LOA ICO	NE MARKS			
CONTRACTOR	SAME	CONTRACTOR	SUBMISSION DATE	OFFICE		_	מפר די~
	<i>,</i> {	e distribution	DAY 1 MO. 2 YR. 88	9			CSS.ES

		and the second	general section of the section of th	According to the second of the
Minis	try			ater Resources Act
of the	e onment	WAT	TER WE	LL RE
Ontario	1. PRINT ONLY IN SPACE: 2. CHECK ⊠ CORRECT B		4507128	MUNICIP CON.
COUNTY OR DISTRICT		OWNSHIP, BOROUGH, CITY, TOWN, VILLAGE		OCK. TRACT. SURVEY ETC
			TORIA PK	DAY
	M 10 12	BONTIA		ASIN CODE M H A
<u> </u>		OF OVERBURDEN AND BEDF	ROCK MATERIALS (SEE INS	(RUCTIONS)
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL	DESCRIPTION
			TOP	50,/
			SANI	
				N CLAY
		1	68.50	
				LIATER?

DEPTH - FEET 01 10 こう 10 31 32 CASING & OPEN HOLE RECORD 51 SCREEN WATER RECORD 41 DEPTH WATER FOUND AT - FEET KIND OF WATER MATERIAL DEPTH TO TO OF SCREEN I NESH 3 SULPHUR
4 MINERALS
6 GAS 22 10 1 STEEL
2 GALVANIZED
3 CONCRETE
4 OPEN HOLE
5 PLASTIC 1 3 24 **PLUGGING & SEALING RECORD** FRESH 30 0 61 FEET DEPTH SE (CEMENT GROUT LEAD PACKER, ETC.) 1 STEEL
2 GALVANIZED
3 CONCRETE
4 OPEN HOLE
5 PLASTIC FROM FRESH 3 □ SULPHUR 4 □ MINERALS 6 □ GAS 1 FRESH 2 G SALTY 1 | FRESH 2 SALTY LOCATION WELL 71 2 BAILER 1 D PUMP IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW. WATER LEVEL END OF PUMPING 22-20 STATIC LEVEL 1 DUMPING WATER LEVELS DURING RECOVERY 60 MINUTE PUMPING TEST 100 FEET 2 2<sub>FEET</sub> 1 CLEAR 2 CLOUDY A3-45 RECOMMENDED PUMPING RATE RECOMMENDED PUMP SETTING □ DEE,P # 9 1 WATER SUPPLY
2 OBSERVATION WELL & ABANDONED, INSUFFICIENT SUPPLY NO **FINAL**  ABANDONED POOR QUALITY **STATUS** 7 UNFINISHED 1 TEST HOLE GARD RECHARGE WELL OF WELL 9 DEWATERING H1 1 DOMESTIC 5 COMMERCIAL . MUNICIPAL 2 STOCK WATER ☐ IRRIGATION PUBLIC SUPPLY ■ □ COOLING OR AIR CONDITIONING USE 4 | INDUSTRIAL □ OTHER 1 🗆 NOT USED BORING 1 CABLE TOOL
2 ROTARY (CONVENTIONAL) 7 DIAMOND **METHOD** 30622 ROTARY (REVERSE)
ROTARY (AIR)
AIR PERCUSSION OF 9 T DRIVING CONSTRUCTION DIGGING CONTRACTOR SE 3129 WELL CONT MAY 0 6 1988 CONTRACTOR DATE OF INSPECTION USE 0 1 OFFICE CSS.ES FORM NO. 0506 (11/86) FORM 9

MINISTRY OF THE ENVIRONMENT COPY



The Ontario Water Resources Act

### WATER WELL RECORD

Ontario	1. PRINT ONLY IN S		11	450728	31 45°	2,1,1	111	
COUNTY OR DISTRICT	2. CHECK [A] CORR	ECT BOX WHERE APPLICABLE TOWNSHIP, BOROUGH, C	1 2 ITY, TOWN, VILLAGE		CON BLOCK, TRAC	14 15 T. SURVEY ETC		22 23 74 LOT 25-27
Northumberla		Норе	(Garden	Hill)	7	Sub/Lot 10		15
OWNER (SURNAME FIRST)	28-47	ADDRESS	0 1 11			DATE COMPL		10-53 RR
PAW Developme	ents Inc.	K.K.#I.	Campbellcr	oft, Ont.	RC BASIN CODE	DAY _08	- NO WITE	
21 Y	10 11		1 1 2 1	السلسيا الم				1 1 1 1 4 1
	LC	G OF OVERBURDE	N AND BEDRO	OCK MATERIAL	S + SEE INSTRUCTION	S)		
GENERAL COLOUR	MOST	OTHER M	ATERIALS		GENERAL DESCRIPT	ION	DEPTH	
	COMMON MATERIAL						FROM	то
Brown Sau	ndy Clay						0	12
Gray Cla	ay & Stones						12	133
Gray Gra	ave1						133	134
333,								
		<u> </u>	·					
			<del></del>					
31					البيباليل			ا ليل
32	ىيا لىلىل					بنا لبليا		_ ـا ليل
41 WATER	RECORD	51 CASING 8	OPEN HOLE	RECORD [	SIZE(S) OF OPENING	31-33 DIAMETI	R 34-38	75 40 ENGTH 39-40
WATER FOUND KIN	ND OF WATER	INSIDE	WALL	DEPTH - FEET			INCHES	FEET
AT - FEET		DIAM MATERIAL INCHES	THICKNESS FE	.07	MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44 30
133-134 4NTES	TEBUGAS	15 STEEL 2 GALVANIZED 3 CONCRETE						FEET
15-18 1 FRE	4 Flaunepaic	61 4 OPEN HOLE	.188	0 134		GGING & SEALI	NG RECO	RD
20-23 1 FRE	SH 3 D SULPHUR	17-18 1 □ STEEL	19	20-23	DEPTH SET AT - FEET FROM TO	MATERIAL AND		NT GROUT, CKER, ETC.)
Z SAL		2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC				U-11		
2 - FRE 2 - SAL		24-25 1 🗆 STEEL	26	27-30	0 20	Holeplug		
30-33 1   FRE	SH 3 D SULPHUR 34 00	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE			26-29 30	-33 60		
2 - 5AL		5 PLASTIC						
71 PUMPING TEST METHOD Air 1 PUMP 2	10 PUMPING RATE	10 0	15-16 17-18		LOCATIO	N OF WELL	·	
STATIC WAT	ER LEVEL 25	EVELS DUBING	PUMPING	IN DIAG	RAM BELOW SHOW DI		ROM ROAD A	<b>N</b> D
1 LEVEL 1 m	JMPING 22-24 IS MINUTES	30 MINUTES   45 MINUT	RECOVERY ES   60 MINUTES	LOTEIN	E INDICATE NORT	A I		
19-21 1 +2 FEET 1	20 FEET 120 FEE		72-34 35-37 FEET 120 FEET			N	< ALORTH	umberlan
FECOMMENDED PUMP TYP	38-41 PUMP INTAKE S						110	1,000
<b>2</b>	GPM	FEET 1 X CLE						
RECOMMENDED PUMP TYP	PUMP	PUMPING		NORTHUMB	(0100) N#a		GARD	EN HILL
50-53	100.000	120 FEET RATE	10 GPM	NORTHUMB	ENCHICE OF			-
FINAL	T ₩ WATER SUPPLY	■ B ABANDONED, IN:	SUFFICIENT SUPPLY		1.7	<b>-</b>	-1	
STATUS	2 OBSERVATION WEL				n.LL ST,	1 <i>i.</i>		
OF WELL	4   RECHARGE WELL	9 DEWATERING		/	n.LL SI, L	mi.		
1	1 DOMESTIC	5 COMMERCIAL 6 MUNICIPAL				/ )		
WATER	IRRIGATION INDUSTRIAL	7 DUBLIC SUPPLY  ■ COOLING OR AIR COL	NDITIONING		-	/ /		
l OSE	MOTHER T		OT USED		1			
57	CABLE TOOL	ESE BORING						
METHOD OF	2   ROTARY (CONVENT 3   ROTARY (REVERSE.				-		00	0 5 7
CONSTRUCTION	F D AIR PERCUSSION	● □ DRIVING □ DIGGIN	1	DRILLERS REMARKS			29	957
NAME OF WELL CONTR	ACTOR		LL CONTRACTOR'S	DRILLERS REMARKS	S& CONTRACTOR	59-62 DATE RECEIVED		63-68 60
		LIC	ENCE NUMBER	SOURCE SOURCE	266		2 3 198	8
G Hart &  ADDRESS  ADDRESS  Boy 850 F  NAME OF WELL TECH  Cocil John SIGNATURE OF TECH	ons well pr	illing Ltd.	2002	1 - 1		PECTOR		
Box 850. F	enelon Falls		ELL TECHNICIAN'S	O REMARKS				
Cecil John		i i	T-0275	1				
SIGNATURE OF TECH	SCOR NICIAN/CONTRACTOR	SUBMISSION DATE	2-0213	OFFICE			CSS	S.ES
1 1/C-Yauk	e was	DAY M	O YR					



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COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY			CON BLOCK, TRACT, SURVE	EY ETC	LOT 25-27
Northumberland OWNER (SURNAME FIRST)  28-47	Hope	(Ga	rden Hill)	8	Sub/Lot 2	- <b>S/,</b> F 15
PAW Developments Inc.	R.R.# 1	, Campbel	Icroft Ont	RC BASIN CODE	DAY _ 02 MO A	ug YR 88
ZONE EASTING	HI LILL	باليب	لـــــــــــــــــــــــــــــــــــــ	30		1 1 1 47
, , , , , , , , , , , , , , , , , , ,	G OF OVERBURDEN	AND BEDRO	OCK MATERIAL	S (SEE INSTRUCTIONS)		
GENERAL COLOUR COMMON MATERIAL	OTHER MAI	TERIALS		GENERAL DESCRIPTION	D FROM	EPTH - FEET TO
COMMON MATERIAL						
Brown Sandy Clay						0 6 6 134
Gray Clay & Silt						
Gray Clay & Stones					13	
Gray Limestone					114	5 263
		*				
						<u> </u>
31			ليللسال			
32	32					75 80
41 WATER RECORD	51 CASING &	OPEN HOLE		SIZE(S) OF OPENING	31-33 DIAMETER 3	
WATER FOUND KIND OF WATER AT - FEET	INSIDE MATERIAL INCHES	THICKNESS INCHES	DEPTH - FEET RUM TO	MATERIAL AND TYPE	DEPTH TO OF SCREE	TOP 41-44 30
220 4 MINERALS  10-13 2 FRESH 3 GULPHUR 2 SALTY 4 MINERALS 6 GAS	10-11 1 OSTEEL 2 OGALVANIZED	12	13-16	S		FEET
15-10   FRESH 3   SULPHUR 4   MINERALS	6111 3 CONCRETE 4 OPEN HOLE 5 PLASTIC	.188	0 144 ½		NG & SEALING R	
2 SALTY 6 GAS  20-23 1 FRESH 3 SULPHUR 24	1 TSTEEL 2 GALVANIZED	19	20-23	DEPTH SET AT - FEET FROM TO	MATERIAL AND TYPE	CEMENT GROUT LEAD PACKER, ETC )
2 SALTY 4 MINERALS 6 GAS 25-24 1 FRESH 3 SULPHUR 29	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC		:	0 20 E	enseal & Cut	tings
Z SALTY 6 GAS	24-25 1 □ STEEL 2 □ GALVANIZED	26	27-30			
30-33 I FRESH 3 SULPHUR 34 G A MINERALS 2 SALTY 6 GAS	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC			25-29 30-33	0	
PUMPING TEST METHOD 10 PUMPING RAT	1			LOCATION	OF WELL	
71 Air	2 GPM <u>2</u> н	15-16 17-1 OURS 45 MINS		AGRAM BELOW SHOW DISTAN	CES OF WELL FROM R	OAD AND
STATIC END OF WATER	LEVELS DURING	PUMPING RECOVERY ES   60 MINUTES	LOT	INE INDICATE NORTH BY	ARROW.	
19-21 22-24 15 MINUTES	-28 29-31	35-34 35-3		٨/		
	SET AT WATER AT EN	FEET 263 FEE	<b>-1</b> 1	14		. (~
IF FLOWING. GIVE RATE  GPM  RECOMMENDED PUMP TYPE  PUMP  PUMP	FEET 1 CLEA		<u> </u>	K	NORTHUMBER RD.# 10	RLAND
SHALLOW PDEEP SETTING	260 FEET RATE	<b>9</b> GPA		2001	, _ , , ,	
50-53			_	$\wedge$		
FINAL 1 WATER SUPPLY 2 OBSERVATION WE	B ABANDONED, INS			(22)		
STATUS 1 TEST HOLE  OF WELL 4 RECHARGE WELL	7 UNFINISHED			600	GARDEN	
SS-S6 1 DOMESTIC	5 COMMERCIAL		1 Alog	THUMBERIAND	1 7/2	
WATER 2 1 STOCK 3 1 IRRIGATION LISE 4 INDUSTRIAL	# ☐ MUNICIPAL  7 ☐ PUBLIC SUPPLY  4 ☐ COOLING OR AIR CO	NDITIONING	Ro	THUMBERLAND . #9		
LT OTHER	_	NOT USED				
57 I CABLE TOOL	■ □ BORING					
OF 3 D ROTARY (REVERS		G				29955
CONSTRUCTION PROTARY (AIR)		_	DRILLERS REMAI			· · · · · · · · · · · · · · · · · · ·
NAME OF WELL CONTRACTOR	LIC	ELL CONTRACTOR CENCE NUMBER	DATA SOURCE	2662	AUG 23	1988
G. Hart & Sons Well	Drilling Ltd.	2662	SOURCE OF INS			
Box 850 Fenelon Fal		ELL TECHNICIAN	S AEMARKS			
<b>∮</b> ⊑	Li	CENCE NUMBER				
Cecil Johnston SIGNATURE OF TECHNICIAN/CONTRACTOR			OFFICE			CSS.ES
1 1 / ~ //4 //4	DAY M	10 YR	-		FORM NO.	



Ontario	1. PRINT ONLY IN S		11	45	072	8 4	4501	<u></u>	M. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 23 74
COUNTY OR DISTRICT	Z. CHECK ☑ CORR	TOWNSHIP, BOROU	GH. CITY, TOWN, VILLA				BLOCK TRACT. SU		1.	S/E 15
Northumbe		Hope		rden H		8			COMPLETED	48-53
PAW Develo	opments Inc.	R.R.	1, Campbe		t, Ont.	, RC	BASIN CODE	DAY_	05 NO AUS	yr 88.
21			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u></u>		30	3,1			45
	LC	OG OF OVERBU	RDEN AND BE	DROCK N	IATERIAL	S (SEE I	NSTRUCTIONS		DEPTH	- FEET
GENERAL COLOUR	MOST COMMON MATERIAL	отн	IER MATERIALS			GENER	AL DESCRIPTION	N	FROM	то
Brown	Sandy Clay								0	12
Gray	Clay								12	85
Gray	Sandy Clay								85	92
Gray	C1ay								92	150
Gray	Limestone								150	162
31		<u>                                     </u>	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1111			لبليا		ا لبل
32	<u>.                                    </u>			عا ليل				لىلىل	65	11,1
1 2 10	ATER RECORD	51 CASI	NG & OPEN H	OLE RECO	ORD	Z SIZE	S) OF OPENING	31-33	DIAMETER 34-38	LENGTH 39-4
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATE INCHES	WALL THICKNESS INCHES	DEPTH FRUM	- FEET TO	ш	ERIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44
10-13	FRESH 3 SULPHUR 14 SALTY 6 GAS	10-11 1-0 STEE	13		13-16	Š				FEET
13-16 1	NTEST &D IN	61 11 3 CONC 4 OPEN 5 PLAS	HOLE 100	0	150	61		GING & S	SEALING REC	
	FRESH 3 C SULPHUR	17-18 1 □ STEE 2 □ GALV	L ANIZED		20-23	DEPTH FROM	SET AT - FEET			MENT GROUT PACKER, ETC )
	SALTY 6 GAS	3 □ CONO 4 □ OPEN 5 □ PLAS	TIC		27-30		10-13 14-1 ) 20 14-21 22-2	Bense	al & Cutti	ngs
2	SALTY 6 GAS	24-25 1 STEE 2 GALV 3 CONG	ANIZED		27-30			3 80		
1	FRESH 3 LISULPHUR 4 MINERALS GGAS	4 DOPER 5 DPLAS	HOLE							
71 PUMPING TEST	METHOD IO PUMPING RA	_	ATION OF PUMPING	17-18			LOCATIO	N OF V	VELL	
STATIC	WATER LEVEL 25	GPM	HOURS PUMPING	_ MINS	IN DIA	AGRAM BEI	LOW SHOW DIST DICATE NORTH	TANCES OF BY ARROW.	WELL FROM ROAD	AND
L 25	PUMPING		45 MINUTES 60 MIN	1UTES 35-37			1	V		
		FEET FEET	1	) FEET 42				IN	ORTHUMBE,	RLAND
IF FLOWING GIVE RATE	GPM PURP (HTAK		CLEAR I CL	.OUDY				4	20.10	
RECOMMENDED	PUMP TYPE RECOMMEND PUMP		OMMENDED IPING	46-49 5 GPM						
50-33	OW DEEP SETTING	130 12						,		
FINAL	WATER SUPPLY OBSERVATION W		NED, INSUFFICIENT SU NED POOR QUALITY	JPPLY		_	250'	$\langle \cdot   \cdot \rangle$		
STATUS OF WELL	3 TEST HOLE	7 UNFINIS	SHED			$\Lambda$		7		
0	55-56 1 DOMESTIC	S COMMERCIA			300'	1		-	GARDEN HI	LL
WATER	2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL	■ MUNICIPAL 7 PUBLIC SUP	PLY LAIR CONDITIONING		11-7-11	V	LAND	++		
USE	OTHER_	Test	• □ NOT USED		RD		<i>1</i>		•	
METHOI	D 2 CABLE TOOL 2 ROTARY (CONVE		BORING DIAMOND					1		. <b></b>
OF CONSTRUC	TION 4 2 ROTARY (AIR)	(SE) 4 []	JETTING DRIVING						29	9954
	S AIR PERCUSSION	N 🗆	WELL CONTRA	CTOR'S	ILLERS REMAR	RKS	CONTRACTOR	39-62 DATE	RECEIVED	63-63
1 1	ell contractor	Drilling I	LICENCE NUME	BER NO	SOURCE		266	2 1	AUG 23 19	88
151	art & Sons Well		cu: ZUUZ			PECTION	" INSP	ECTOR		
MA BOX	850, cEanelon Fa	11s, Ont.	WELL TECHNIC		REMARKS			-		
Ceci SIGNATURE	1 Johnston of technician/contractor	R SUBMISS	T-0275	BER SI						
0	late Du	DAY_		YR	•				FORM NO. 050	S.ES 6 (11/86) FORM
MINIS	TRY OF THE ENVIR	COMENT COP	Y						, Only NO. 050	- ( / 50) / Only



MINISTRY OF THE ENVIRONMENT COPY

The Ontario Water Resources Act

WATER	WELL	REC	ORC
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Environme Ontario	ent	<b>VV</b>	<b>~</b> : :		NUNICIP	CON.	<b>.</b>	
Omano	1. PRINT ONLY IN SPACES PROVID 2. CHECK X CORRECT BOX WHER		] 4	50728	10	14 15		22 23 74
COUNTY OR DISTRICT	TOWNSHI	P, BOROUGH CITY, TOWN, VIL		(T4 1 1 )	CON BLOCK, TRACT, SURV	Sub/Lot	10 S <b>Ž</b>	
		·	Garden		Hole#1	DAYE COMPLE	MOJuly	yr. 88
		1, Campb		t. Ont.	RC BASIN CODE	I I I I		iv
1 2 M 10	12 17	18 24	:	26	30 31			1
	LOG OF OV	ERBURDEN AND B	EDROCK	MATERIALS	-		DEPTH - F	EET
GENERAL COLOUR COMM	MON MATERIAL	OTHER MATERIALS			GENERAL DESCRIPTION		FROM	то
Brown Sandy	Clay						0	- 8
Gray Clay	& Sand seams						-8	98
Gray Clay	& Stones						98	103
Gray Grave	21						103	108
,								
		100						
31			با لبل					
32 10 14 15		32	, <u>, , , , , , , , , , , , , , , , , , </u>		SIZE S) OF OPENING	31-33 DIAMETE	R 34-38 LEN	75 80 GTH 39-40
WATER FOUND KIND O	INSIDE	CASING & OPEN H	DEPT	4 · FEET	Z ISLOT NO )  W 75  MATERIAL AND TYPE		6 INCHES	73 FEET
AT - FEET	3 USULPHUR 10-11 10-11	MATERIAL THICKNES INCHES	FROM	: '0     1   1	MATERIAL AND TYPE		DE SCREEN	
103-108 HUTESTE	6 □ GAS D3 □ SULPHUR 19	1 STEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE				NG & SEALI		
2	4   MINERALS   6   17-18   3   SULPHUR   24	5 PLASTIC 188	+2	105	DEPTH SET AT - FEET FROM TO	MATERIAL AND	TYPE LEAD PACK	
2 G SALTY	4 □ MINERALS 6 □ GAS	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC			0 20 ]	Benseal &	Holenly	10
2 SALTY	3   SULPHUR 4   4   MINERALS   24-25   6   GAS	1 STEEL 26		27.30			- HOZEPZC	
30-33 I FRESH 2 SALTY	3 □ SULPHUR 34 CC 4 □ MINERALS 6 □ GAS	3 CONCRETE 4 OPEN HOLE 5 PLASTIC			26-29 30-33	30		
71 PUMPING TEST METHOD	1 / 5 / 1 / 1 / 1 / 1	IS-14 DURATION OF PUMPING	17-18		LOCATION	OF WELL		
1 DATE BA	LEVEL 25	HOURS	MINS	IN DIAGI	RAM BELOW SHOW DISTAN E INDICATE NORTH BY	CES OF WELL F	ROM ROAD AN	D
LEVEL PUMPI	22-24 15 MINUTES   30 MINUTE	- D RECOVERT	NUTES 35-37				1	
	1	EET FEET 4	90 <sup>FEET</sup>		N			
IN TECOMMENDED PUMP TYPE		FEET 1 CLEAR 1 C	LOUDY		/	JORTHUM #10	BERLAN	Ø
RECOMMENDED PUMP TYPE	PUMP	3-45 RECOMMENDED PUMPING FEET RATE	6 GPM			- 70		
50-53	1 100				100'			
FINAL ,	OBSERVATION WELL .	ABANDONED, INSUFFICIENT S ABANDONED POOR QUALITY	SUPPLY		1			
	TEST HOLE 7   RECHARGE WELL 9	UNFINISHED DEWATERING			Vy mile GA	RDEN HIL	L	
1 .	STOCK G MU			NORTH	UMBERLANDY #0			
	☐ INDUSTRIAL ■ ☐ COC	BLIC SUPPLY  DLING OR AIR CONDITIONING  TO NOT USED			-			
57	CABLE TOOL					•		
METHOD 2	CABLE TOOL  ROTARY (CONVENTIONAL)  ROTARY (REVERSE)	7 DIAMOND  B DIETTING					299	50
CONSTRUCTION 4	ROTARY (AIR)  AIR PERCUSSION	DIGGING OTH	ER D	RILLERS REMARKS				
NAME OF WELL CONTRAC	CTOR	WELL CONTRA	ACTOR'S	DATA	2662	AUG		63-42 80
G Hart &	Sons Well Drill	ing Ltd. 2662		DATE OF INSPEC		MUU	23 1988	
Box 850. E	enelon Falls, On	WELL TECHN	ICIAN'S	D REMARKS		4.6 - 790 /	A	
Cecil Jo	hnston	T-0275			<u>G</u>		,	TO TO
1 - 0 /	e Wall		_ YR				CSS	.ES
	THE FANADONIAGAS					FO	RM NO. 0506 (11	1/86) FORM 9



COUNTY OR DISTRICT	TOWNSHIP: BOROUGH. C			10 1	1 15 22 23 24
	11 11 -			CON . BLOCK, TRACT, SURVE	, <del>y,</del> √
	7.00			CONC #8	DATE COMPLETED 48-53
	ing	130×11	New Y	on ville Ont	DAY 12 MO 1 YR 6 9
1 2 1 10 12	17 18	24	25 26	1 7 94 12 - 1	
Most	LOG OF OVERBURDE		OCK MATERIAL		DEPTH - FEET
GENERAL COLOUR COMMON MATERIAL	OTHER M	ATERIALS		GENERAL DESCRIPTION	FROM TO
			10	p Soll	1 8
			CIC	- Clarico	8' 15
	3		C 10	u d Wayer	
			540	neu Clau	24'26
31   , , ,     ,   ,   ,   ,		.     .   .   .	11	. [ . ] [ ] [ . ] .	
32			)		
41 WATER RECORD	51 CASING 8	OPEN HOLE	RECORD	SIZE.(S) OF OPENING	55 75 80 31-33 DIAMETER 34-38 LENGTH 39-40
WATER FOUND AT - FEET KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS INCHES	DEPTH - FEET FROM TO	MATERIAL AND TYPE	INCHES   FEET
15   The Fresh   3   SULPHUR   4   MINERALS   5   GAS	10-11 1 STEEL 2 GALVANIZED 3 CONCRETE	12	13-16	Ś	FEET
15-18 1 FRESH 3 CSULPHUR 1 A CMINERALS SALTY 6 CGAS	30 4 DPEN HOLE	3.	0 06'	DEPTH SET AT - FEET	G & SEALING RECORD
20-23 1  FRESH 3  SULPHUR 2 2  SALTY 6  GAS	1   STEEL 2   GALVANIZED 3   CONCRETE 4   OPEN HOLE			FROM TO 10-13 14-17	MATERIAL AND TYPE (CEMEN GROUT LEAD PACKER ETC.)
25-28 1 FRESH 3 SULPHUR 2 2 SALTY 6 GAS	5 □ PLASTIC	26	27-30	10-21 22-25	
10-33 1 FRESH 3 SULPHUR 3 4 MINERALS 2 SALTY 6 GAS	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC			26-29 30-33 60	
71 PUMPING TEST METHOD 10 PUMPING				LOCATION	F WELL
1 PUMP 2 BAILER  STATIC WATER LEVEL 25	O GPM	S-16 7-18 COURSMINS	IN DIA	GRAM BELOW SHOW DISTANCE	
PUMPING  19-21 22-24 15 MINU	TES 30 MINUTES 45 MINUT	RECOVERY ES 60 MINUTES	LOT LI	NE INDICATE NORTH BY A	RROW.
	FEET SEET OF WATER AT EN	FEET   535-37	<u>.</u> ] [	N	
GIVE RATE	4 1 1 .	AR 2 CLOUDY			1
RECONMENDED PUMP TYPE RECONMENDED PUMP SHALLOW DEEP SETTING	NDED 43-45 RECOMMENDE PUMPING RATE	ED 46-49	11		
50-53		· · · · · · · · · · · · · · · · · · ·	]	1	HWY 28 E
FINAL STATUS  1 WATER SUPPLY 2 OBSERVATION TEST HOLE	WELL & ABANDONED PO				128 E
OF WELL 4   RECHARGE WE	7 UNFINISHED LL DEWATERING		] W	y (pond) another	arv.
WATER    Domestic   Stock   St	5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY			X (Pand) GARDS	14
USE 4   INDUSTRIAL	■ ☐ COOLING OR AIR COM	NDITIONING IOT USED		1	
57 1 CABLE TOOL	BORING		-	]	1
METHOD 2 ROTARY (CONV OF 3 ROTARY (REVE CONSTRUCTION 4 ROTARY (AIR)	RSE) # DETTING	•		,	15611
S AIR PERCUSSION	DN DIGGING	G □ OTHER	DRILLERS REMARKS	ک .	45614
NAME OF WELL CONTRACTOR	WE	LL CONTRACTOR'S	DATA	31 2 9	JAN 23 1989 *3-44 40
ADDRESS			DATE OF INSPEC		VIII. & 0 1000
NAME OF WELL TECHNICIAN	WE	ELL TECHNICIAN'S	S REMARKS		
15 MADO CO STORES			— .		
TERRY KEHO	R SUBMISSION DATE  DAY 16 MG	663	OFFICE M	/DE	CSS.ES



Ontario	1. PRINT ONLY IN SP/ 2. CHECK ⊠ CORREC	ACES PROVIDED T BOX WHERE APPLICABLE	11	450768	10	LI CON.	1108
COUNTY OR DISTRICT		Hope	TOWN, VILLAGE		CON . BLOCK, TRACT, SUR	sub/lot 2	S/ 15
Northumbe	RST) 28-47	ADDRESS		- 64 0-4		DAY MO	Dec. , 88
	opments Inc.	R.R.#1,	CampbellC	roft, Ont.	RC. BASIN CODE	1 i iii	
21	10 12	<del>                                      </del>	24 25	26	30 31		
		OF OVERBURDEN	AND BEDRO	CK MATERIAL			DEPTH - FEET
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATE	RIALS		GENERAL DESCRIPTION	FRO	
Brown	Sandy Clay						0 6
Blue Gray	Clay			Soft			$\frac{6}{62}$ $\frac{62}{67'}$ $8\frac{1}{2}$
Gray	Sand						67' 8\frac{1}{2}
			1				
31							ا لىلىل
32	14 15			43	54	31-33 DIAMETER 3	75 80
	TER RECORD		PEN HOLE	RECORD	SIZE S) OF OPENING SLOT NO )	6	4-38 LENGTH 39-40 CHES 4 FEET
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	THICKNESS I	UM TO	MATERIAL AND TYPE  S.S.	DEPTH T OF SCRE	O TOP 41-44 30
62 to '	SALTY 4 MINERALS	10-11 1 STEEL 2 GALVANIZED 3 CONCRETE		13-16	3.5.		60 FEET
	FRESH 3 CSULPHUR 19 4 CMINERALS 5ALTY 6 CGAS	61 4 DPEN HOLE	.188	0 63	61 PLUGG	ING & SEALING F	CEMENT GROUT
	☐ FRESH 3 □ SULPHUR 24 ☐ SALTY 6 □ GAS	1 STEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE			FROM 10 10-13 14-17		LEAD PACKER, ETC )
	FRESH 3 □SULPHUR 29  4 □MINERALS  SALTY 6 □GAS	5 □ PLASTIC  24-25   1 □ STEEL		27-30	20 0	Mud Slurry	
	FRESH 3 [] SULPHUR 34 10	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE			26-29 30-33	80	
PUMPING TEST M		5 PLASTIC	MPING		LOCATION	OF WELL	r '
71 × × PUMP		5 GPM	RS MINS	IN DI	AGRAM BELOW SHOW DISTA		ROAD AND
STATIC LEVEL	PUMPING		PUMPING RECOVERY	LOT			
10.00	26-28	29-31 32-	,		N		
	38-41 PUMP INTAKE S	ET AT WATER AT END			i N	DRTHUMBERLA	ND
IF FLOWING. GIVE RATE  RECOMMENDED I	GPM PUMP TYPE RECOMMENDED PUMP	43-45 RECOMMENDED PUMPING	46-49			RD#10	· 🙀
SHALLO	OW DEEP SETTING	62 FEET RATE	5 GPM			•	
FINAL	54 1 X WATER SUPPLY	\$ ABANDONED, INSUF	FICIENT SUPPLY				
STATUS	2 OBSERVATION WELL	, UNFINISHED	QUALITY		rtig	ARDEN HILL	
OF WELL	SS-SS 1 DOMESTIC	DEWATERING  COMMERCIAL		₹D			
WATER	.2 ☐ STOCK 3 ☐ IRRIGATION	MUNICIPAL  PUBLIC SUPPLY  COOLING OF AIR COND	ITIONING				
ÜSE	4   INDUSTRIAL   OTHER	COOLING OR AIR COND					
METHOD	CABLE TOOL POTARY (CONVENT	€ ☐ BORING					*
OF CONSTRUCT	ION 4 ROTARY (REVERSE	B ☐ JETTING DRIVING	_				45814
	5 AIR PERCUSSION	☐ DIGGING	OTHER	DRILLERS REMAR		9-62 DATE RECEIVED	63-68 80
1 1	l contractor 't & S <b>po</b> s Well Dr	LICE	CONTRACTORS NCE NUMBER	Source	2662	FEB 17	
Box 85	60, R.R.#1, Fenel		_	O DATE OF INSP	ECTION INSPECTO	5 <b>R</b>	
NAME OF W	ELL TECHNICIAN	WEL	L TECHNICIAN'S	REMARKS			
	OF TECHNICIAN/CONTRACTOR	SUBMISSION DATE	Г-0269	OFFICE	WDE		CSS.ES
Cul	abenut	DAY MO.	YR	0		FORM NO	. 0506 (11/86) FORM



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Ontario	I. PRINT ONLY IN	SPACES PROVIDED	11	4	50768	5	45011	ا لِدُنامِا	<u>K</u>	108
COUNTY OR DISTRICT	Z. CHECK A CORR	TOWNSHIP, BOROUGH, CITY	Y, TOWN, VILLAGE	E		60N	BLOCK, TRACT, SURVE	y ETC ib/lot 1		ot 25.27 15
					0.4			DATE COMPL	Dec.	YR. 88
		L, C	Campbell £	RC	ELEVATION	RC.	BASIN CODE	"		ıv .
1 2	M 10 12	17 18	1 1 24	- FOCK	ZE ZE DIAL S	30	31			47
	L(	OG OF OVERBURDEN			VIVIATERIALS		AL DESCRIPTION		DEPTH -	FEET
GENERAL COLOUR	CONMON MATERIAL	OTHER WA				<del></del>			0	18
Brown	Clay & Sand Clay & Silt								18	67
Gray Gray	Gravel								67	72
				·						
			· · · · · · · · · · · · · · · · · · ·							
					•					
31				.						
32				با لـ	بلللن	Ш	باللبا	ىيا لىل		75 40
41 W	ATER RECORD	51 CASING &	OPENHOL		CORD PTH - FEET	SIZE:	15) OF OPENING OT NO 1	31-33 DIAME	6 INCHES	3 FEET
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS INCHES	FROM	10	SCRE	ERIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44 30
69 u	FRESH 3 SULPHUR  SALTY 4 MINERALS  RESTERNAS	10-11 1 ASTEEL 2 GALVANIZED 3 GONCRETE	12		13-16		S.S.		67	
	FRESH 3 SULPHUR 19 A MINERALS G GAS	64 4 OPEN HOLE	.188	+2	69	61 DEPTH	PLUGGIN	MATERIAL AND		ENT GROUT
	FRESH 3 SULPHUR 24 4 MINERALS 6 GAS	1 DSTEEL 2 DGALVANIZED 3 DCONCRETE 4 DOPEN HOLE				1	10-13 14-17		LEAD P	CRER ETC /
	FRESH 3 SULPHUR 4 MINERALS SALTY 6 GAS	I □ STEEL	26		27-30	17	18-21 22-25	enseal ud Cutt	ines	
•	FRESH 3 SULPHUR 34 4 MINERALS SALTY 6 GAS	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC					6-29 30-33 80			
71 PUMPING TEST I	METHOD 10 PUMPING RA			7-10			LOCATION	OF WEL	L	
1 X PUMP	WATER LEVEL 25	<b>5</b> GPM3		4155	IN DIAC		LOW SHOW DISTANC	ES OF WELL	FROM ROAD A	ND
LEVEL	PUMPING 22-24 15 NINUTE	ES   30 MINUTES   45 MINUT		ES 5-37	201 211		IDICATE HOME	. 1		
U 10-40"	حمصا مستحدا	FEET 2 98-EET	FEET 13.32	11			I NORT	V THUMBE	RLAND	
O IF FLOWING. GIVE RATE  RECOMMENDED	GPM -	65 FEET 1 - CLE	EAR 2 TO CLOU	- 11			CTY	10		
RECOMMENDED	PUMP TYPE RECOMMENT PUMP OW DEEP SETTING	A3-45 RECOMMENDI PUMPING RATE	<b></b>	GPM						
50-53				$\exists  $						
FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION W			LY		/	/ 📗	(	<u>TY.</u> 9	
OF WELL	■ RECHARGE WEL	7 UNFINISHED L DEWATERING			GA	ADEN	HILL		<del></del>	
WATER	DOMESTIC 2 STOCK	S COMMERCIAL  MUNICIPAL  DUBLIC SUPPLY			4,,,					
USE	3   IRRIGATION 4   INDUSTRIAL   OTHER	COOLING OR AIR CO	NDITIONING NOT USED							
	57 1 1 CABLE TOOL	♣ ☐ BORING								
METHOI OF	3   ROTARY (REVER	_	ıG						4.5	5824
CONSTRUC	TION 4   ROTARY (AIR) 5   AIR PERCUSSIO	<u> </u>	NG OTHER		DRILLERS REMARK					
1 1	t & Sons Well	Li	ell contracto cence number 2662	OR'5	DATE OF INSPEC	58	2662	PEB	17 190	39
ADDRESS		•			DATE OF INSPEC	CTION	INSPECTOR			
Box 85		L:	CENCE NUMBE	IN'S	HEMARKS					
SIGNATURE	ean		T-0546		OFFICE M	DE			C	SS.ES
Ma	ute wat	DAY	MO YR.	<u></u>	0		04	F		(11/86) FORM 9



Ontario	1. PRINT ONLY IN S	SPACES PROVIDED  ECT BOX WHERE APPLICABLE	11	45076	86			108
COUNTY OR DISTRICT	· · · · · · · · · · · · · · · · · · ·	Hope		en H <b>½</b> 11)	CON BLOCK, T	RACT. SURVEY ETC Sub/Lot		ा 25-27 ं <del>2</del> 5
Northum OWNER (SURNAME F	RST) 28-47	ADDRESS				DATE COMP	LETED 4	1-53 • YR 88
	elopments Inc.	K.K.#1,		croft, Ont.	RC BASIN CO			IV .
21	U 12 12	17 18	24	25 26 1 1 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1	1 C ass werenest	10.000		
	MOST	OG OF OVERBURDE		ROCK MATERIA	GENERAL DESC		DEPTH -	
GENERAL COLOUR	COMMON MATERIAL	DIHERM	ATERIALS			<i>i</i>	FROM 0	6
Brown	Clay						6	60
Gray	Sand & Clay						60	67
Brown	Sand				And the second s	\$i.	Jo	
*								
								:
						11 1 1 1 1	111	1 1 1
31	<u>,     ,   ,   ,   ,   ,   ,   ,   ,   ,</u>	<u> </u>	<u> </u>	<u>.                                    </u>	<u>                                     </u>	<del>                                     </del>	<u> </u>	
32   10   10   10   10   10   10   10   1	ATER RECORD	51 CASING	& OPEN HOL	F RECORD	SIZE (S) OF OPE	65 NING 31-33 DIAME	TER 34-38	75 EO
WATER FOUND AT - FEET	KIND OF WATER	INSIDE MATERIAL	WALL	DEPTH - FEET	MATERIAL AND	16 TYPE	6 INCHES	3 FEET
10-13 1	FRESH 3 DSULPHUR 4 DMINERALS	10-11 1 STEEL	112	13-16	SC	S.S	of SCREEN	5" <sub>FEET</sub>
64 u	FRESH 3 C SULPHUR 19	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC		+2 64	[61] P	LUGGING & SEA	LING RECO	RD
	☐ SALTY 6 ☐ GAS  ☐ FRESH 3 ☐ SULPHUR 24  4 ☐ MINERALS	17-18 1 STEEL 2 GALVANIZED	19	20-23	DEPTH SET AT -	TO MATERIAL AN	D TYPE (CEME LEAD PA	NT GROUT CKER, ETC )
1	FRESH 3 DSULPHUR 29	3 CONCRETE 4 COPEN HOLE 5 PLASTIC		27-30	18	14 Bensea1		
	SALTY 6 GAS  FRESH 3 GSULPHUR 34  UMINERALS	24-25 1 □ STEEL 2 □ GALVANIZEI 3 □ CONCRETE	1 1	27.30	16-21	O Mud & C	uttings	
	SALTY 6 DGAS	4 □ OPEN HOLE 5 □ PLASTIC						
71 PUMPING TEST	METHOD 10 PUMPING RAT	5 GPN 3	15-16 17-	-18 INS		TION OF WEL		
STATIC	WATER LEVEL 25	FALL C DIIDING	PUMPING RECOVERY	IND		W DISTANCES OF WELL NORTH BY ARROW.	FROM ROAD A	IN D
1ES1	21 22-24 15 10 10 10 10 10 10 10 10 10 10 10 10 10		32-34 50 MINUTE	1 1		٨	, ,	
IF FLOWING.	EET 33 FEET 27 F	E SET AT WATER AT		42 42		1	,	
IF FLOWING. GIVE RATE RECOMMENDED	GPM PUMP TYPE RECOMMEND	03 /121	EAR 2 CLOUT	<b>→</b> i		HORTHUM BI	ERLAND .#10	
SHALL	OW LEEP PUMP	7 FEET RATE	5	PM			70	
	34 1 WATER SUPPLY	& [] ABANDONED. II	NSUFFICIENT SUPPI	<b>-</b>	<b>®</b> LoT	P-		
FINAL STATUS	2 OBSERVATION W					GARDEN	HILL	
OF WELI	SS-S6 1 M DOMESTIC	DEWATERING  5 COMMERCIAL		-   Ro.	#9			
WATER	Z STOCK S IRRIGATION	6 MUNICIPAL 7 PUBLIC SUPPLY						
USE	4   INDUSTRIAL OTHER	COOLING OR AIR C	ONDITIONING NOT USED			#		
METHOI	57 1 K CABLE TOOL 2  ROTARY (CONVE	6   BORIN						
OF CONSTRUC	TION 4 ROTARY (REVER	SE) \$ \( \begin{array}{cccccccccccccccccccccccccccccccccccc	NG NG		•		45	822
	S AIR PERCUSSION		VELL CONTRACTO	DRILLERS REMA	SE CONTRACT	OR 59-62 DATE RECEIVE		63-68 80
I 1	rt & Sone Well	L	ICENCE NUMBER	Source	<b>2</b> 6	62 FEB		1
	50, R.R.#1, Fen			O DATE OF INS	PECTION	INSPECTOR		
NAME OF V		1.1	WELL TECHNICIAL LICENCE NUMBER	N'S D REMARKS				<del></del>
	OF TECHNICIAN/CONTRACTOR	SUBMISSION DAT	TE	OFFICE	WDE		(	CSS.ES
	arte war	DAY	MO YR.			F	ORM NO. 0506	(11/86) FORM 9



Ontàrio	IFONMENT 1. PRINT ONLY IN S		11	4507	693	4501		2 <b>N</b>	107
COUNTY OR DISTRICT	2. CHECK 🗵 CORR	TOWNSHIP, BOROUGH, CIT	1 2 TY, TOWN, VILLAGE		CON.	BLOCK, TRACT, SURV	EY ETC		22 23 74 LOT 25-27
J. Day	10	7705				/	DATE CON	IPLETED	48-53
		2	CAMPB	ELL CROI		BASIN CODE	DAY 3	мо_/	O YR 88
1 2	M 10 12	NG 1 1 1 15 15 15 15 15 15 15 15 15 15 15		C. ELEVATION	(	31		1111	
		G OF OVERBURDE	N AND BEDR	OCK MATERI	ALS (SEE IN	NSTRUCTIONS			
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	ATERIALS		GENERA	AL DESCRIPTION		FROM	H - FEET
BLACK				To	P 501	<u>L.</u>		0	/
GREY	CLAY	GRAVEL						/	28
GREY	CLAY							20	35
WHITE	CLAY	GRAVIL						35	74
BROWN	SAND	SILT					-	75	88
BEOMO	duaz					•		88	90
31		<u> </u>						1111	ا لىلى
32	سابيا لبليا لبب				البليل		پا ليك		75 60
	TER RECORD	51 CASING &	OPEN HOLE		Z SIZE	ST OF OPENING	31-33 DIAI	METER 34-38	7
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS INCHES	DEPTH - FEET FROM TO	S MATE	RIAL AND TYPE		DEPTH TO TOP	
90 1	RESH 3 SULPHUR  SALTY 4 MINERALS 6 GAS	10-11 1 STEEL  2 GALVANIZED	100	13		S. <i>S</i>		8	7 FEET
	☐ FRESH 3 □ SULPHUR 19 ☐ SALTY 6 □ GAS	6 7 3 CONCRETE 4 OPEN HOLE 5 PLASTIC	/88	0 87	61	PLUGGII		ALING REC	ORD
	FRESH 3 SULPHUR 24 SALTY 6 GAS	17-18 1 STEEL 2 GALYANIZED 3 CONCRETE		20.	FROM	TO 0-13 14·17	MATERIAL A	ND TYPE LEAD	PACKER, ETC I
	FRESH 3 SULPHUR 29	4 □ OPEN HOLE 5 □ PLASTIC 24-25 1 □ STEEL	26	27.		10	BEN.	SEAL	
30-33 1 [	FRESH 3 SULPHUR 34 8	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE			26	5-29 30-33 B	0		
PUMPING TEST NE	SALTY 6 GAS	5 □ PLASTIC	PUMPING	1		OCATION	O E W E		
II 7 1 I	₹ SAILER	6 GPM 3 H	15-16 CO HIN	s		OCATION			AND
STATIC LEVEL	PUMPING	EVELS DURING	DUMPING RECOVERY			OW SHOW DISTANDICATE NORTH BY		L FROM ROAD	RND
1EST (0.5	Z 26.	28 29-31	ES 60 MINUTES 35	11	GARDIN	JN			
IF FLOWING. GIVE RATE  RECOMMENDED PO	FEET FE FE SO-41 PUMP INTAKE	SET AT WATER AT EN	D OF TEST		GAROLA	CTY	P 14 05		
RECOMMENDED P					*.	T			
SHALLO	W DEEP SETTING	88 FEET PUMPING	<b>4</b> GP1	*		774 4000			
	54 1 MATER SUPPLY	S ☐ ABANDONED, INS	UFFICIENT SUPPLY	<del>-</del> -		\ \ \			
FINAL STATUS	2 OBSERVATION WE								
OF WELL	4 RECHARGE WELL  55-56 I DOMESTIC	9 DEWATERING				1			
WATER	2 STOCK 3 IRRIGATION	<ul><li>■ MUNICIPAL</li><li>7 □ PUBLIC SUPPLY</li></ul>							
USE	4 [] INDUSTRIAL   OTHER	COOLING OR AIR COM     N     N	NDITIONING IOT USED	,	, <del></del>				
METHOD	57 1 D CABLE TOOL	€ □ BORING							
OF CONSTRUCT	3   ROTARY (REVERS		3	1 1	ILL TO	O HOUSE		36	5152
	AIR PERCUSSION	□ DIGGIN	G OTHER	DRILLERS REM	IARKS				
NAME OF WELL		LDRILLING CTA	LL CONTRACTOR ENCE NUMBER 4635	O DATE OF I	5.4	4635	FEE	3 0 3 19	89
ADDRESS NAME OF WE NAME OF WE NAME OF WE		more the planting for the same [ fig.		O DATE OF	NSPECTION	INSPECTOR	1		
NAME OF WE	CAUAO	WE	ELL TECHNICIAN'						
O SIGNATURE O	F TECHNICIAN/CONTRACTOR	SUBMISSION DATE	T-290	OFFICE	WDE				~~~
1	. Bu		o. <u>/ O</u> yr. 8						SS.ES 6 (11/86) FORM 9
MINISTE	RY OF THE ENVIRO	NMENT COPY						. 5 140. 030	- 1 00/ 1 Only 5



Ontario	1. PRINT ONLY IN S	SPACES PROVIDED  ECT BOX WHERE APPLICABLE	11	45076	97 4501	M KONTT	<u> </u>
COUNTY OR DISTRICT		Hope	(Garden Hi	11)	CON . BLOCK, TRACT. SU	sub/lot 29	15
Northumber	IST) 28-47	ADDRESS				DATE COMPLETED	48-53 1. YR
Paw Develo	pments Inc.	R.R.#1,	Campbellcr	oft, Unt.	RC. BASIN CODE	DAY J MO Jai	1 17
21		17 18	24 25	26	30 31		47
	LC	OG OF OVERBURDE	N AND BEDRO	CK MATERIA	LS (SEE INSTRUCTIONS)	DEPTH	I - FEET
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	ATERIALS		GENERAL DESCRIPTION	FROM	то
Brown	<b>⊈</b> lay & Gravel					0	16
Gray	Clay & Silt					16	50
Gray	Clay & Lense o	f Gravel				50	70
Gray	C1ay					70	87
Gray	Clay & Lense o	f Gravel				95	95 124
Gray Gray	Clay & Lense of	f Gravel				124	129
	/		<u></u>			129	1412
Gray	Clay Gravel					141	143
Gray	Limestone		-10 .			143	
Gray	Limescone					143.	
				, ,			
31			1 1 1 1 1				لا لىل
32					54		1 1
	TER RECORD	51 CASING 8	OPEN HOLE F		SIZE(S) OF OPENING  CSLOT NO )	31-33 DIAMETER 34-38	LENGTH 39-40
AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	THICKNESS	DEPTH - FEET	MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN	41-64 30
143	FRESH 3 SULPHUR 4 MINERALS	10-11 1 ASTEEL 2 GALVANIZED	12	13-16	S		FEET
	FRESH 3 SULPHUR 19 SALTY 6 GAS	61 3 CONCRETE 4 OPEN HOLE 5 PLASTIC	.188	0 143	61 PLUGG	ING & SEALING REC	ORD
	FRESH 3 SULPHUR 24	17-18 1	19	20.23	FROM 10		PACKER ETC )
25-28 1	FRESH 3 CI SULPHUR 29	4 OPEN HOLE 5 PLASTIC	26	27-30	18 10	Bensea1	15
	SALTY 6 GAS  FRESH 3 DSULPHUR 34	1 □STEEL 2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE			10 0 26-29 30-33	Mud & Cuttings	1
1	SALTY 6 GAS	5 PLASTIC	E PUMPING		10007100	L OF WELL	<u> </u>
PUMPING TEST M	2 BAILER		15-16 30 17-18 HOURS 30 MINS			OF WELL	AND
STATIC LEVEL	WATER LEVEL 25 END OF WATER PUMPING	LEVELS DURING	PUMPING RECOVERY	LOT I		ANCES OF WELL FROM <b>RO</b> AD BY ARROW.	AND
LS 12.3 <sup>88</sup>	26-	28 29-31	TES 60 MINUTES 35-37 29 2 11 FEET				
	22 FEET 1383 F	E SET AT WATER AT E	ND OF TEST 42		_	N	. 43 **
IF FLOWING. GIVE RATE  RECOMMENDED P	GPM PUMP TYPE RECOMMEND	70 FEET 1 X CLE		4	/		agent * 1
☐ SHALLO	PUMP	140 FEET PUMPING	<b>5</b> . сем		~ /	CTY. A	? Ď.
\$0-53	54				217.24	10	<u> </u>
FINAL STATUS	WATER SUPPLY DISSERVATION W	5 ☐ ABANDONED, IN ELL 6 ☐ ABANDONED PO 7 ☐ UNFINISHED			7		
OF WELL	4   RECHARGE WELL	DEWATERING					
WATER	DOMESTIC  STOCK  IRRIGATION	5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY			74.9		
USE	4   INDUSTRIAL	■ COOLING OR AIR CO	ONDITIONING NOT USED				
	57 1 CABLE TOOL	- 6 BORIN	G				
METHOD OF	Z ROTARY (CONVE	SE) # 🗌 JETTIN	1G			Λ	5820
CONSTRUCT	TION 4   ROTARY (AIR) 5   AIR PERCUSSION	9 DRIVIN	_	DRILLERS REMA	RKS	•	
<b>!</b>	L CONTRACTOR	L	ELL CONTRACTOR'S	DATA	266	2 FFB 1 7 19	89
G. Har	t & Sons Well			SOURCE O DATE OF INSP			<b>V</b> J
Box 85	O, R.R.#1, Fen		VELL TECHNICIAN'S	S REMARKS			
Jim Le			T-0546	FFICE	WDE		SS.ES
O SIGNATURE	le wat		мо YR	9			
						FORM NO. 050	6 (11/86) FORM 9



MINISTRY OF THE ENVIRONMENT COPY

The Ontario Water Resources Act

### WATER WELL RECORD

Ontario Envi	ronment			451	0781	0 14501	CON.	1.1.0
	1. PRINT ONLY IN SP 2. CHECK 🗵 CORREC	CT BOX WHERE APPLICABLE	11		0701	Subl <del>at Z</del>	15 15	1 08
COUNTY OR DISTRICT	•	TOWNSHIP, BOROUGH, CITY	TOWN, VILL	AGE		CON BLOCK, TRACT, SU	RVEY ETC	17
					0)7 7		DAY 03 MO	46-53 04 YR.89
		<u>4</u>	Port		ON I	A 3V8	DAY US MO	1 IV
1 2	M 10 12	17 16	1 24		1 1 1	30 31		47
		G OF OVERBURDEN	AND BE	DROCK	MATERIA			DEPTH · FEET
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MAT	TERIALS			GENERAL DESCRIPTION	FRO	
Black	Clay loom						0	2
Brey	Sandy clay	Stone		.,,			2	30
Grey	Gravel clay	Little wate	er				30	55
Grey	Gravel clay						55	
Gryy	Medium &XXY	and with wat	ter				66	
Grey	Clay stone		4- <u></u> -				79	
Grey	Sandy clay		<del></del>				138	
Grey	Limestone Ro	OCK		,			130	127
<del></del>								
31	<u>                                     </u>	11,1,1,1,1,,,			1     1 1			
32	عبيا ليليلل	ىىپا لىلىلىل		ے با لیا			<u> </u>	1111
41 WA	TER RECORD	51 CASING &	OPEN H		ORD	SIZE(S) OF OPENING		4.38 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS INCHES	FRUM	TO	MATERIAL AND TYPE	DEPTH T OF SCRE	O TOP 41-44 30
138 X	FRESH 3 SULPHUR SALTY 4 MINERALS GGAS	1 OKSTEEL 2 GALVANIZED	12		13-16	S		FEET
	☐ FRESH 3 ☐ SULPHUR 19 ☐ SALTY 6 ☐ GAS	6本 4 □ OPEN HOLE 5 □ PLASTIC	.188	0	140	61 PLUGG	ING & SEALING F	CEMENT GROUT
	FRESH 3 SULPHUR 24 SALTY 6 GAS	1 □STEEL 2 □GALVANIZED 3 □CONCRETE				FROM 10 10-13 14-17	MATERIAL AND TYPE	LEAD PACKER ETC )
	☐ FRESH 3 ☐ SULPHUR 29 4 ☐ MINERALS	4 □ OPEN HOLE 5 □ PLASTIC 24-25 1 □ STEEL	16	ļ	27-30	18-21 22-25		
30-33	FRESH 3 SULPHUR 34 10	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE				26-29 30-33	80	
PUMPING TEST ME	SALTY 6 GAS	5 □ PLASTIC	PUMPING			LOCATION	OF WELL	N
71 , D PUMP	2 BAILER	4 GPM <u>3</u> но	-16 DURS	17-18 _ MINS	IN DI	AGRAM BELOW SHOW DISTA		OAD AND
STATIC LEVEL	PUMPING	EVELS DURING	PUMPING RECOVERY S   60 MINI	UTES	LOT			41
12	26-21	29-31 3	2-34 FEET 1 5 A	35-37 FEET				
OFFICOWING. GIVE RATE  RECOMMENDED P	150 150 NTAKE	SET AT WATER AT EN	D OF TEST	42		<b>.</b> `		
RECOMMENDED P	Gra	- 1021	R & CL	46-49		240 Garden Hill	CRD 10 CR	ng, IHWY
SHALLO		O FEET RATE	4	GPM	01	×* )		28
FINAL	1 WATER SUPPLY	\$ ABANDONED. INS	UFFICIENT SU	PPLY		<del>*************************************</del>		
STATUS	2 OBSERVATION WELL	, 🗆 UNFINISHED	OR QUALITY		.4	1.2	j	
OF WELL	4 PRECHARGE WELL  55-56 1 CK DOMESTIC	DEWATERING  S COMMERCIAL			*		1	
WATER	2 STOCK 3 IRRIGATION	■ MUNICIPAL  Dublic Supply  Cooling or Air Con	IDITIONING					
USE	4   INDUSTRIAL	9 D N						,
METHOD	57 CABLE TOOL 2 CONVENT	5 ☐ BORING TIONAL) 7 ☐ DIAMON	D					
OF CONSTRUCT	ION 4   ROTARY (REVERSE	E) B [] JETTING • [] DRIVING						56878
	B AIR PERCUSSION	DIGGING	CONTRAC		DATA		59-62 DATE RECEIVED	63-68 80
	L CONTRACTOR NER WELL DRIL	Lic	ENCE NUMB	04	SOURCE	21.0	4 APR 18	1989
ADDRESS	Erskine Avenu			L	DATE OF INS	PECTION INSPECT	ON	
NAME OF WI	e Babcock	WE	O414	IAN'S	REMARKS		,	
SIGNATURE	F TECHNICIAN/CONTRACTOR	SUBMISSION DATE		T.				CSS.ES
1 Jun	Tauchra.	DAY _03 M	<u> </u>	vr.89	<u>′                                    </u>		FORM NO	0506 (11/86) FORM 9



Continue Column   Section   Sectio	Ontario	1. PRINT ONLY IN S 2. CHECK 🔀 CORRE	SPACES PROVIDED  ECT BOX WHERE APPLICABLE	11	450819	02	45011			1,08
LOG OF OVERBURDEN AND BEDROCK MATERIALS OF M	COUNTY OR DISTRICT	- m1 - m d			n Hill)	j.		, Sub/lo	t 31	15
LOG OF OVERBURDEN AND BEDROCK MATERIALS SEE CASSISTENCY  SEMERAL GROUP CONSERVATIONS  SEMERAL GROUP CON			#1					DATE COMPLET	ED 4	•
STATUS ST			• # 1 <u>9</u>	Campuelle						
Brown   Sandy Topsoil			17 18	14 L						
Sandy Clay   20 4   42   77   14   42   42   42   43   44   44   44   4					JUN WIATERIAL.					
Sandy Clay   20 4   42 7   7   14   7	GENERAL COLOUR		OTHER MAI	ERIALS						2
Gray Sandy Clay 42 7  Gray Clay Silty Clay 42 7  Gray Clay Silty Clay 42 7  Gray Clay Silt 77 14  Brown Gravel & Sand 149 15  Silver Clay Silty Clay 42 7  Gray Clay Silty Clay Clay Clay Clay Clay Clay Clay Cla	Brown									20
Gray Clay Site 777 14  Brown Gravel & Sand 149 15  31  32  43  44  45  46  47  48  48  48  48  48  48  48  48  48	Brown									42
Cray   Sity Clay   Sith   Sand   149   15										77
Gravel & Sand  31  32  41  WATER RECORD  51  CASING B OPEN HOLE RECORD  154  WATER STATUS  64  155  156  157  157  158  158  158  158  158  158										149
STATUS  OF STATUS  OF										154
MATER RECORD   SI   CASING & OPEN HOLE RECORD   SI   CASING & OP	Brown	Gravel & Sand								
MATER RECORD   SI   CASING & OPEN HOLE RECORD   CONSTRUCTION   C										
MATER RECORD   SI   CASING & OPEN HOLE RECORD   CONSTRUCTION   C										
MATER RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & SEALING   S1   CASING & SEALING RECORD   S1   CASING &							<u> </u>			
MATER RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & SEALING   S1   CASING & SEALING RECORD   S1   CASING &										
MATER RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & SEALING   S1   CASING & SEALING RECORD   S1   CASING &										
MATER RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & OPEN HOLE RECORD   S1   CASING & SEALING   S1   CASING & SEALING RECORD   S1   CASING &	31	<u>.</u> .						بينا ليا		
WATER RECORD   S. IN OF WATER   S. IN	32		سبا ليليليل		الملسيا ا	با لىل		سيا ليا	ىلىل	1 1 60
1		TER RECORD	51 CASING &	OPEN HOLE		SIZE(S) O	F OPENING	31-33 DIAMETER	34-38	
154   164	WATER FOUND AT - FEET	KIND OF WATER	DIAM MATERIAL	THICKNESS		C MATERIA	L AND TYPE	Di	EPTH TO TOP	41-44 30
1	15/	SALTY 4 MINERALS	10-11 1 X STEEL	12	13 - 16					FEET
### PINAL STATUS    FINAL STATUS   STAT	15-18 1	FRESH 3 SULPHUR 19	3 □ CONCRETE	.188				G & SEALIF		
15-24	20-23 1	FRESH 3 SULPHUR 24	17-18 1 STEEL 2 GALVANIZED	19	20-21	FROM	то	MATERIAL AND T		
STATE   STAT		☐ SALTY 6 ☐ GAS ☐ FRESH 3 ☐ SULPHUR	4 □ OPEN HOLE 5 □ PLASTIC		27.30	20	16 Be	enseal_		
PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING  TEACH THE PUNPING  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING LEST METHOD  TO PUNPING  TO	<u> </u>	SALTY 6 GAS	1 🗆 STEEL 2 🗆 GALVANIZED 3 🗆 CONCRETE			16		oleplug		
Total   Static   St		☐ A ☐ MINERALS				14		Mud Slu	rry	
STATIC LEVEL WATER LEVELS DURING	N71		15	L.16 17-18		LO	CATION	F WELL		
TIPLE TO THE TOTAL STATUS OF WELL ST	STATIC	WATER LEVEL 25	1 X	PUMPING					OM ROAD	(ND
TELL 14 FEET 15 CLEAR 15 CLOUDY 150-33  FINAL STATUS OF WELL 0 OBSERVATION WELL 0 ABANDONED POOR QUALITY 10 OBSERVATION WELL 0 OBSE		11 22-24 15 MINUTES	30 MINUTES 45 MINUTES	S 60 MINUTES	,					$\mathcal{N}$
SHALLOW LA DEEP SETTING 150 FEET MAIL 4 OFW 50-33  FINAL STATUS OF WELL 1 MATER SUPPLY 6 ABANDONED INSUFFICIENT SUPPLY 2 OBSERVATION WELL 6 ABANDONED POOR QUALITY 2 OBSERVATION WELL 7 UNFINISHED 7 UNFINISHED 7 UNFINISHED 9 DEWATERING 55-34 1 M DOMESTIC 5 COMMERCIAL 2 STOCK 6 MUNICIPAL 3 OTHER 7 PUBLIC SUPPLY 4 INDUSTRIAL 6 COOLING OR AIR CONDITIONING 7 NOT USED		147 FEET 147FE	EET 147EET 147		<b>-</b> 4 1					<b>*</b>
SHALLOW LA DEEP SETTING 150 FEET MAIL 4 OFM SOLUTION SOLU	GIVE RATE		1 D CLEAN						\	
FINAL STATUS OF WELL	RECOMMENDED P	UMP TYPE RECOMMENDE	PUMPING		11				7	
FINAL STATUS OF WELL  OBSERVATION WELL  OBSERVATION WELL  OBSERVATION WELL  TEST HOLE  OBSERVATION WELL  OBSERVATION		W CABEEF SETTING		4	]		<b>1</b>		HW	1 10
OF WELL 4 RECHARGE WELL 9 DEWATERING  55-56  WATER 2 STOCK 6 MUNICIPAL  2 STOCK 6 MUNICIPAL  2 STOCK 6 MUNICIPAL  3 IPRIGATION 7 PUBLIC SUPPLY  USE 1 INDUSTRIAL 6 COOLING OR AIR CONDITIONING  3 OTHER 9 NOT USED  METHOD OF CONSTRUCTION 2 DIAMOND  OF CONSTRUCTION 6 ROTARY (AIR) 9 DRIVING  4 ROTARY (AIR) 9 DRIVING  DRILLERS REMARKS	FINAL	. 7			]					
WATER USE    DOMESTIC   GOMERCIAL   S   COMMERCIAL   S   Lot 3   Lot 4   L		3 ☐ TEST HOLE	7 UNFINISHED	A GORETTI				Sugarision		
WATER USE    IPRIGATION   PUBLIC SUPPLY		55-56 1 DOMESTIC	5 COMMERCIAL			۶/	Lot 30			
METHOD OF CONSTRUCTION  To ther  To the		3   IFRIGATION	7 PUBLIC SUPPLY	DITIONING	-		}		HWY	# 9
METHOD OF CONSTRUCTION OF A GROTARY (CONVENTIONAL) OF CONSTRUCTION OF CONSTRUC	USE	_	_						••	•
OF CONSTRUCTION    ROTARY (REVERSE)   GETTING    METHOD	1 SX CABLE TOOL		D							
9 AIR PERCUSSION DIGGING OTHER DRILLERS REMARKS	OF	3   ROTARY (REVERS	SE) 4 DETTING 9 DRIVING						259	957
THE CONTRACTOR'S SECONDACTOR SECONDACTOR SECTION SECTION DESCRIPTION		1 A:R PERCUSSION					ATBACTOR ***	DATE DECEMBE		43-48 4
NAME OF WELL CONTRACTOR  LICENCE NUMBER    SOUNCE   SOUNC	1 1		LIC		DATA SOURCE				2 7 198	
ADDRESS ADDRESS	ADDRESS					ECTION	INSPECTOR	,		
NAME OF WELL TECHNICIAN WELL TECHNICIAN'S WILL T	NAME OF WE	K.K.#1, Fenelon	WE	LL TECHNICIAN'S	S REMARKS		<u> </u>		<del></del>	
NAME OF WELL TECHNICIAN  WELL TECHNICIAN'S LICENCE NUMBER  WELL TECHNICIAN'S LICENCE NUMBER  CSS.ES	Ed Glad								CS	S.ES
Clark Wal. DAY NOYR   0			<b>&gt;</b>	) YR	jö					144 /00/ 5051



FORM NO. 0506 (11/86) FORM 9

Ontario	1. PRINT ONLY IN S	PACES PROVIDED  ECT BOX WHERE APPLICABLE	11	45081	53 450		2.14	<u>  ''''</u>
COUNTY OR DISTRICT	2. CHECK ES COMM	TOWNSHIP, BOROUGH, CIT			CON . BLOCK, TRACT			OT 25-27
			n Hill			9M732 Sub/		15
		: #2	, Bownmany:	ille, Ont.	L1C 3K3	DAY	1 MO JUL	YR 89
	M 10 12	17 10	1 24 25	1 1111	30 31			114
	LC	G OF OVERBURDE	N AND BEDRO	CK MATERIAL	S (SEE INSTRUCTION	S)		
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	TERIALS		GENERAL DESCRIPT	ION	DEPTH FROM	TO
Brown T	Copsoil						0	4
1	Sandy Clay						4	20
	Silty Clay				,		20	137
	Sandy Silt						137	140
	Coarse Gravel						140	144
			*					
		A						
								<u> </u>
31	سيا ليليليا				بلبنا لبلب			
32	14 15	5,1		43	54 SIZE(S) OF OPENING	31-33 DIA	METER 34-38 L	75 80 ENGTH 39-40
41 WATE	R RECORD	51 CASING &	OPEN HOLE	RECORD DEPTH - FEET	Z (SLOT NO )		INCHES	FEET
AT - FEET	FRESH 3 SULPHUR	DIAM MATERIAL INCHES	THICKNESS	70 TO	MATERIAL AND TYP	E	DEPTH TO TOP OF SCREEN	41-64 30
144 un1	SALTY 4 MINERALS	10-11 1 Steel 20 Galvanized 3 Concrete						FEET
2 0	FRESH 3 SULPHUR 4 MINERALS 6 GAS	61 4 OPEN HOLE 5 PLASTIC	.188 +	$1\frac{1}{2}$ 144	61 PLU	GGING & SEA	NO TYPE ICEME	NT GROUT
20-23 1		1 U STEEL 2 GALVANIZED 3 CONCRETE			FROM TO 10-13	14-17	LEAD PA	CKER, ETC I
25-28 1 🗆	FRESH 3 SULPHUR	4 ☐ OPEN HOLE 5 ☐ PLASTIC	26	27.30	20 16	2-25		
	FRESH 3 SULPHUR 34	2 GALVANIZED			1	Holeplu		
20	SALTY 6 GAS	5 D PLASTIC	BUMBING		12 0		Slurry	
71 PUMPING TEST METHO	OD 10 PUMPING RAT		15-16 17-18 OURS MINS			ON OF WE		
LEVEL	WATER LEVEL 25 END OF WATER 1		PUMPING	IN DIA	GRAM BELOW SHOW D INE INDICATE NOR		L FROM ROAD A	M <sub>QM</sub>
TEST	22-24 (S MINUTES		ES 60 MINUTES 35-37					1
	138 FEET 138 FE	SET AT 138 FEET 138	FEET 138 FEET					
IF FLOWING. GIVE RATE  RECOMMENDED PUMP	GPM	FEET ! [] CLE					CTYR	0.10
RECOMMENDED PUNP	P TYPE RECOMMENDE PUMP SETTING	A3-45 RECOMMENDE PUMPING RATE	6 GPM					
50-53								
FINAL	1 W WATER SUPPLY 2 1 OBSERVATION WE	B ABANDONED, INS	· ·	_				
STATUS OF WELL	3 TEST HOLE 4 RECHARGE WELL	7 UNFINISHED 9 DEWATERING			well o			
55-	1 SV DOMESTIC	5 COMMERCIAL 6 MUNICIPAL						
WATER USE	3   IRRIGATION 4   INDUSTRIAL	7 DUBLIC SUPPLY  COOLING OR AIR CO	NDITIONING		TY. RD. 9			-
	□ OTHER	•	NOT USED					
METHOD	CABLE TOOL 2 1 ROTARY (CONVE		ND.					
OF CONSTRUCTIO	N 4   ROTARY (REVERS	9 🔲 DRIVING	G _				25	960
	S AIR PERCUSSION	□ DIGGIN	G OTHER	DRILLERS REMAR	SB CONTRACTOR	59-62 DATE RECE	IVED	63-68 80
G. Hart	S Sons Well	LIC	2662	Sounce	26.6	3 2 SE	P 2 7 198	
ADDRESS		_		DATE OF INSI	PECTION IN	SPECTOR		
NAME OF WELL	_		ELL TECHNICIAN'S CENCE NUMBER					
Ed Glad	ney TECHNICIAN/CONTRACTOR	SUBMISSION DATE		OFFICE			C	SS.ES
	10 1		.O VP	1101			_	*



Ontario	ronment		11	4508346	45011	COM.	08
COUNTY OR DISTRICT	Z. CHECK △ CORR	TOWNSHIP, BOROUGH, CITY.	TOWN VILLAGE		CON BLOCK TRACT SURVEY	. ETC <b>8</b>	PL 14
			Campbel	lcroft, On	t.	DAYO MO	48-53 11 yr89
		- <del> </del>	RC.		RC. BASIN CODE	DAYGE MO	IV
1 2	N 10 12	17 18	24 25	26	30 31		
	L(	OG OF OVERBURDEN			SEE INSTRUCTIONS)  GENERAL DESCRIPTION		DEPTH - FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER MATE	RIALS		SENERAL DESCRIPTION	FRO	1
Brown	Top Soil Clay	Sand		Soft		1	8
Grey		Out, in		Soft		8	55
Grey Grey	Clay Gravel			Loose	}	55	5 60
oi ey	0,0,0						
	<u> </u>		1 1 1 1 1		11 11 1	1	
31 11		<u> </u>			<u> </u>	<u>                                     </u>	
1 2 10	TER RECORD	51 CASING & 0	OPEN HOLE I	RECORD	SIZE(S) OF OPENING	31-33 DIAMETER 3	75 80 4-38 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE MATERIAL	WALL THICKNESS	DEPTH - FEET	MATERIAL AND TYPE	DEPTH T	CHES. PEET
10-13	FRESH 3 CSULPHUR SALTY 4 CMINERALS	10-11 1 GSTEEL 2 DGALVANIZED	INCHES EN	13-16		OF SCRE	FEET
15-18 1	FRESH 3 SULPHUR	54 2 DEALVANIZED 3 CONCRETE 4 COPEN HOLE 5 CPLASTIC	.188	0 60	61 PLUGGIN	G & SEALING F	RECORD
	SALTY 4 MINERALS GGAS FRESH 3 SULPHUR	17-18 1 STEEL 2 GALVANIZED	•	20-23	DEPTH SET AT - FEET FROM TO	MATERIAL AND TYPE	(CEMENT GROUT LEAD PACKER ETC.)
15.10	SALTY 4 DMINERALS  G GAS  FRESH 3 DSULPHUR 29	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC	9	27-30		Benseal	
2	SALTY 6 GAS	24-25 1 □ STEEL 2 □ GALVANIZED 3 □ CONCRETE		27-30	26.29 30-33 80	Benseal	
' '	FRESH 3 LISULPHUR 34 4 I MINERALS 5 SALTY 6 I GAS	4 □ OPEN HOLE 5 □ PLASTIC			08 0 0	Clay,Sand	
71 PUMPING TEST MI	ETHOD :0 PUMPING RA	15-	16 4. 17-18		LOCATION	F WELL	
STATIC LEVEL	WATER LEVEL 25	1 R	PUMPING RECOVERY	IN DIAGRA LOT LINE	M BELOW SHOW DISTANC INDICATE NORTH BY A	ES OF WELL FROM F	TOAD AND
18-3		S 30 MINUTES 45 MINUTES -28 29-31 32	60 MINUTES -34 35-37			WOSLH, DED 41	0 .
US FEE	04 FEET 04 F		D4 FEET OF TEST 42		b	CONN	HWI
IF FLOWING. GIVE RATE  RECOMMENDED P	<sub>GPM</sub> 45	FÉET 1 □ CLEAR	X	<u></u>	- 30		
RECOMMENDED P	RECOMMEND PUMP SETTING 4	PUMPING	46-49 06 GPM	ч	5		į
50-53							
FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION W						
OF WELL	3 TEST HOLE 4 RECHARGE WELI	7 UNFINISHED L DEWATERING					
1	DOMESTIC 2 STOCK	S COMMERCIAL  MUNICIPAL					
WATER USE	3   IRRIGATION 4   INDUSTRIAL	7  PUBLIC SUPPLY  COOLING OR AIR CONT  NO				,	
	OTHER  57 1 CABLE TOOL					9	"CONC COF
METHOD OF	2 M ROTARY (CONVE	ENTIONAL) 7 DIAMOND RSE) 0 DETTING	•			LUBDEN	6152D
CONSTRUCT	. –	9 DRIVING	OTHER	DRILLERS REMARKS			POET HOPE
	L CONTRACTOR	LICE	L CONTRACTOR'S	> DATA SOURCE	SE CONTRACTOR S9-62	NOV 2 C	1989 """
L & B ADDRESS	Well Drillin		5004	SOURCE  DATE OF INSPECTIO		NOT AL	, 1303
P.O.Bo	ELL TECHNICIAN	WE!	COK 150	M REMARKS			
Tom 7	Tucker	LIC	f0492"	OFFICE			
O SIGNATURE C	DE TECHNICIAN/CONTRACTO	" l'	11 89	0-F		(	CSS.ES
			<del></del>			FORM NO	. 0506 (11/86) FORM 9



Ontario	_	SPACES PROVIDED RECT BOX WHERE APPLICABLE	11	45	0846	52	45011	(C)	<u> </u>	107
COUNTY OR DISTRICT	TOT ANTO	TOWNSHIP, BOROUGH, CITY,	TOWN, VILLAGE				NC. 7	, ETC		16
		1.0	ALEDDET I C	007771	ONTRAD			DAY 26	LETED A	YR. <del>90</del>
		ING	AMPBELLCI	ROFT.	ONTAR	10 D	OA 1BO	" 20		<u> </u>
1 2	M 10 12	OG OF OVERBURDEN	AND REDRO	OCK A		\$0	NCTPUCTIONS)	<u></u>		47
	WOST	OG OF OVERBURDEN		JUKIN	AIENIAI		AL DESCRIPTION			· FEET
GENERAL COLOUR	COMMON MATERIAL		LRIALS		\max_r:			<u> </u>	FROM	20
BROWN	CLAY	STREES			MEDIU	<u>IM</u>			20	73
GREY	SAND	LAYERED							73	76
BROWN	SAIND	LATERED							,,,	, ,
										=
										-
<u></u>		SCREEN SET FRO	M 72FT.	<u>10 7</u>	FT.					
31				بنا	111	للا				
32 10	14 15	(54) 00011000	OPEN HOLE	PECC.		SIZE	54 SI OF OPENING	65 31-33 DIAME	TER 34-38	75 80 LENGTH 39-40
WATER FOUND AT - FEET	ATER RECORD	51 CASING &	WALL	DEPTH	FEET		ERIAL AND TYPE		6 INCHES	8 FEET
10-13	FRESH 3 DSULPHUR 14 DMINERALS	INCHES	INCHES F	ROM	10	10	AINLESS STE	EL	OF SCREEN	68 FEET
15-18 1	FRESH 3 SULPHUR	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE	.188	0	73	61	PLUGGING	3 & SEAL	ING RECO	ORD
L	FRESH 3 SULPHUR 24	17-18 1 STEEL 2 GALVANIZED			20-23		SET AT - FEET N	IATERIAL AND		ENT GROUT ACKER, ETC.)
	SALTY 6 GAS  FRESH 3 GSULPHUR 29	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC				1	0-13 14-17			
2 20.11	SALTY 6 GAS	24-25 1 STEEL 26 1 GALVANIZED 3 CONCRETE			27-30	İ	8-21 22-25			
1 1	FRESH 4   MINERALS   SALTY 6   GAS	4 GPEN HOLE 5 PLASTIC					30-33 80			
71 PUMPING TEST M	METHOD 10 PUMPING RA	15	17-19			l	OCATION O	F WEL	L	
STATIC	WATER LEVEL 25 END OF WATER		PUMPING RECOVERY	1	IN DIA	GRAM BEL	OW SHOW DISTANCE	S OF WELL	FROM ROAD	. ' .
TEST 15-	PUMPING 21 22-24 IS MINUTE: 26	S 30 MINUTES 45 MINUTES	60 MINUTES							N
	70 FEET 70 F			4			$\triangle$			
IF FLOWING. GIVE RATE  RECOMMENDED	GPM	72 FEET 1 ST CLEAR	2 CLOUDY		7	(A)	7			<b>γ</b>
RECOMMENDED I	PUMP	ED 43-45 RECOMMENDED PUMPING 77 FEET RATE	46-49 2 GPM					6	CRO 9	1
50-53	A				(			CRD	(OI	(26)
FINAL	1 WATER SUPPLY 2 OBSERVATION WI	S ABANDONED, INSU			1			0.00		$\sim$
STATUS OF WELL	3   TEST HOLE 4   RECHARGE WELL	7 UNFINISHED  DEWATERING				.5		Caen	ENHILL	
	1 1 DOMESTIC 2 STOCK	5 COMMERCIAL 6 MUNICIPAL					•	SIUVD	ENTITE	<del>-</del>
WATER	3   IRRIGATION 4   INDUSTRIAL	7 Dentic Supply  Cooling or Air Cond					<del></del> 1			
	07HER	9 NO.	USED	$\  \ $		*	X			
METHOD OF	CABLE TOOL  AOTARY (CONVE					$\rightarrow$	K90'		7	2050
CONSTRUCT		9 🔲 DRIVING	OTHER	DRI	LERS REMAR	ks   YIAI			1	3859
1 1	L CONTRACTOR	LICE	L CONTRACTOR'S		DATA SOURCE		CONTRACTOR 59-62	DATE RECEIVE		63-68 80
FAULKN ADDRESS	ER WELL DRILLIN	NG CO. LTD. 210		ONLY	DATE OF INSPE	CTION	21 U 4	FEB	1 3 199	20
<b>ૄ</b>   789 Eı	rskine Avenue,		L TECHNICIAN'S	]   SE	REMARKS					
DON)M	TLLER	LICE	TO14							
SIGNATURE	GALLA L	SUBMISSION DATE  DAY 26 MO.	_01_ vr90	OFFICE					CSS	S.ES
MINISTR	Y OF THE ENVIRO		<u> </u>	J			<del> </del>	FC	ORM NO. 0506	(11/86) FORM (

Ontar		1. PRINT ONLY IN S		11	45086	75	45011	CON		<u> </u>
COUNTY	OR DISTRICT	2. CHECK (A) CORR	TOWNSHIP, BOROUGH, CITY.	TOWN, VILLAGE	<u> </u>	con 8	BLOCK, TRACT, SURVEY	ETC	ı	18
				n Hill				DATE COMPLET	6	90
			No.	II UTTT	ELEVATION	, RC	BASIN CODE	DAY	MO	YR.
1 2		M 10 12	17 18 1 1	24 25		30			1 1 1	
		LC	OG OF OVERBURDEN		OCK MATERIAL				DEPTH	- FEET
GENER	RAL COLOUR	COMMON MATERIAL	OTHER MATE	RIALS			AL DESCRIPTION		FROM	70
Dk	. B.r	Top Soil			Sof				2	12
	. Br.	Sandy Clay			Sof				$\frac{2}{12}$	47
Gre		Clay			9er Pac	cked			47	75
Gre	ey own	Sandy clay Sand					ith Pressu	re	75	79
Dr.	OWII	Sand	Chlorin	ated We						
						1 1 1	1111		1 ( )	
31	للنا (				]	<u>                                    </u>	<u> </u>	<b></b>		
41	1 1411	TER RECORD	51 CASING & C	PEN HOLE	RECORD	SIZE	54 S) OF OPENING 31	-33 DIAMETER	34-38	75 80 LENGTH 39-40
WATER	R FOUND - FEET	KIND OF WATER	INSIDE MATERIAL	WALL THICKNESS .	DEPTH - FEET	O MATE	ERIAL AND TYPE		INCHES	41-44 30
70		FRESH 3 [ SULPHUR   14   SALTY 4   MINERALS	INCHES 12 12	INCHES	13-16	SC	Stianless		F SCREEN	75,
79	15-18 1	6 GGAS  FRESH 3 GSULPHUR  4 CMINERALS  SALTY 6 GGAS	2 GALVANIZED 3 GONCRETE 4 GOPEN HOLE 5 GPLASTIC	.188	0 75	61	PLUGGING	& SEALI	NG RECO	ORD
	20-23 1	FRESH 3 DSULPHUR 24	17-18 1 STEEL 2 GALVANIZED		20-23	DEPTH FROM	SET AT - FEET MA	TERIAL AND T		ENT GROUT ACKER ETC )
-	- 15 15	☐ FRESH 3 ☐ SULPHUR 29	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC		27-30	10,	0-13 14-17 8-21 0 22-25	Bentor	ite-	
		SALTY 6 DGAS  FRESH 3 DSULPHUR 34 BG	24-25 1 □ STEEL 26 26 26 2 □ GALVANIZED 3 □ CONCRETE		27-30	8.6				
<u> </u>	2	SALTY 6 GAS	4 □ OPEN HOLE 5 □ PLASTIC							
71	PUMPING TEST NI	ETHOD IO PUMPING RAT	3 GPM	6 / 517-18			OCATION OF			
	STATIC LEVEL	WATER LEVEL 25 END OF WATER	1 []	PUMPING RECOVERY	IN DIA		OW SHOW DISTANCES DICATE NORTH BY ARE		OM ROAD A	AND A
TEST	38			50 MINUTES 7435-37	LOTAL					///
S -	FEE IF FLOWING. GIVE RATE	FEET FEET FE	SET FEET FE SET AT WATER AT END							//
PUMPING	RECOMMENDED P			2 CLOUDY	1 Jan 19					
	SHALLO	W DEEP SETTING	73 FEET RATE	2 GPM	1 4					
		34 WATER SUPPLY	\$ ☐ ABANDONED, INSUF	FICIENT SUPPLY	184 APRI	Ruk ;'				
	FINAL	2 OBSERVATION WE								:
-	OF WELL	4 RECHARGE WELL	DEWATERING  5 COMMERCIAL		1	٦				
	WATER	Z STOCK S IRRIGATION	B   MUNICIPAL PUBLIC SUPPLY		13	E .			,	CARDED
	USE	4   INDUSTRIAL   OTHER	COOLING OR AIR CONDI						' ئــا لـــ	7/1/16
	METHOD	57   CABLE TOOL	6   BORING			4	6		Y	
CO	OF NSTRUCT	ION 4   ROTARY (REVERS	E) I DETTING 9 DRIVING	_					78	3620
<u> </u>		5 AIR PERCUSSION	DIGGING	OTHER	DRILLERS REMAR		CONTRACTOR 59-62 D	ATE RECEIVED	<del></del>	63.68 80
1 1				NCE NUMBER	SOURCE		3367	JUN	2 7 19	
딯	ADDRESS R.	R. #1 Omeme	ee, Ontario		DATE OF INSPE	ECTION	INSPECTOR			
NTR	NAME OF WE	ELL TECHNICIAN	WEL	L TECHNICIAN'S NCE NUMBER )092						
8	SIGNATURE O	Lang	SUBMISSION DATE	6 YR90	OFFICE				C	SS.ES
	11	N Tang	DAY 21_ NO.	<u> </u>				FOR	M NO. 0506	(11/86) FORM 9



The Ontario Water Resources Act

FORM NO. 0506 (11/86) FORM 9

#### WATER WELL RECORD

Ontario		I SPACES PROVIDED RECT BOX WHERE APPLICABLE	11 "	450876	3 4501	TI ÇON		<u>  0</u> 8
Northing		TOWNSHIP, BOROUGH CITY	, TOWN, VILLAGE		CON BLOCK, TRACT, SU	RVEY, ETC	LOT	25-27 20
		ewton	ville			DATE COMPLETE		
		IING	RC	C. ELEVATION	RC. BASIN CODE		"11	IV
1 2	H 10 12	OG OF OVERBURDEN	AND BEDRO		(SEE INSTRUCTIONS)			47
GENERAL COLOUR	MOST	OTHER MAT			GENERAL DESCRIPTION		DEPTH - FEI	ET TO
Dk. Br.	Top Soil			Soft	4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		0	1
Lt. Br.	Sand			Packed			1	12
Grey	Clay			Dense			12	43
Grey	Gravel & Clay			Loose			43	59
Brown	Coarse Water	Gravel & Sand		Loose			59	60 <b>6</b>
		Chlorinated V	 Jal 1					0
		GITOL HIGGERY	7CTT					· · · · · · · · · · · · · · · · · · ·
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31   111	<del></del>		<u> </u>		<u> </u>		<u> </u>	
41 WA	TER RECORD	51 CASING & C	PEN HOLE	RECORD	SIZE(S) OF OPENING	S1-33 DIAMETER	7: 34-38 LENGTH	5 40 H 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	THICKNESS	RECORD  DEPTH - FEET  ROM TO  13-16	MATERIAL AND TYPE		INCHES TH TO TOP 4 CREEN	FEET
1 00	FRESH 3 SULPHUR  SALTY 4 MINERALS 6 GAS	10-11 1 STEEL 12 GALVANIZED 3 CONCRETE						FEET
1 1 1	SALTY 6 GAS	6-1/4 5 PLASTIC	.188 0	60	61 PLUGGI	NG & SEALING		OUT
'	FRESH 3 SULPHUR 24 3 SALTY 6 GAS	1 □ STEEL 2 □ GALYANIZED 3 □ CONCRETE 4 □ OPEN HOLE			10 <sup>10-13</sup> 0 14-17	MATERIAL AND TYPE	LEAD PACKER.	
2 [	FRESH 3 SULPHUR 29 SALTY 6 GAS	5 □ PLASTIC  24-25 1 □ STEEL 2 □ GALVANIZED	- Tallana	27-30	10 0	Ez Mud & Be	ensear	
1 -	FRESH 3 □ SULPHUR 34 BO 4 □ MINERALS SALTY 6 □ GAS	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC			26-29 30-33 8			
71 PUMPING TEST ME	THOD 10 PUMPING RATI	10 3 15-16	17-18		LOCATION	OF WELL	·····	
STATIC LEVEL	WATER LEVEL 25		PUMPING RECOVERY	IN DIAGRA LOT LINE,	M BELOW SHOW DISTAN		ROAD AND	
TEST (-	22-24 15 MINUTES	30 MINUTES 45 MINUTES	60 MINUTES					Z
	FEET FEET FEE	ET FEET FEE	T FEET	1			/	$^{\prime\prime}$
IF FLOWING. GIVE RATE  RECOMMENDED PU			₹ □ CLOUDY	\$ 60' 75		. 3	1	
GL SHALLOW	DEEP SETTING	50 FEET RATE	7	WILL)				
FINAL	54 1 WATER SUPPLY	\$ [] ABANDONED, INSUFF	ICIENT SUPPLY	<i>W</i> *	\ <u>-</u>			
STATUS OF WELL	2 OBSERVATION WEL 3 TEST HOLE 4 BECHARGE WELL	L 6 ABANDONED POOR C 7 UNFINISHED DEWATERING	DUALITY			(	-RIA	
	DOMESTIC STOCK	5 COMMERCIAL  6 MUNICIPAL						
WATER USE	3   IRRIGATION 4   INDUSTRIAL	7 DUBLIC SUPPLY  COOLING OR AIR CONDIT	IONING					
	07 HER	9   NOT 1	USED					
METHOD OF	CABLE TOOL ROTARY (CONVENT ROTARY (REVERSE							
CONSTRUCTION		9 DRIVING	OTHER	DRILLERS REMARKS	(	CR98	786	23
NAME OF WELL		LICENC	CONTRACTOR'S	DATA		DATE RECEIVED	: 4000	3-68 80
Herb ZI	ang Well Drill	ing Ltd 336	7	DATE OF INSPECTION	3367	JUL 16	<u> 1990</u>	
R. R.	#1 Omemee, On		TECHNICIAN'S	O REMARKS				
Herb SIGNATURE OF	Lang TECHNICIAN/CONTRACTOR	SUBMISSION DATE	0092""	FFICE			CSS.ES	3
1 del	Lang	DAY 25 NO. 1	6_ vr20	0				j

Ontario	1. PRINT ONLY IN S	SPACES PROVIDED  ECT BOX WHERE APPLICABLE	11	450892		45011 1 <del>01 01 P.</del>	<i>کی</i> 9 <del>R1 ا</del>		107
COUNTY OR DISTRICT		TOWNSHIP, BOROUGH, CI	TY, TOWN VILLAGE	·	CON. B	LOCK, TRACT, SURVE		.500	LOT 25-27
						c. 07	DATE COMP		16
		1 C	ampbellcro	ft, Ontario	KRK	LOA 1BO	DAY - 23	мо <u></u> (	)8
1 2	M 10 12	17 18	24 25	5 26	30	31			1114,
		OG OF OVERBURDE	N AND BEDRO	OCK MATERIALS	(SEE INS	TRUCTIONS)		DEPTI	H - FEET
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	ATERIALS		GENERAL	DESCRIPTION		FROM	то
Brown	Top Soil							0	3
Brown	Clay	Gravel						3	20
Grey	Clay					,		20	65
Grey	Sand							65	75
Grey	Clay							75	135
Grey	Limestone			<u>'</u>	<del></del>			135	146
									1.
		Abandoned a	nd Sealed	- too much s	alt				-
									-
31	11.1.1.11	1 1 1 1 1 1			l. I.I.	. 11.1.1	11		. 1 . 1 . 1
32	<del>!                                    </del>	<del></del>						<del>                                     </del>	
1 2 10	TER RECORD	51 CASING &	OPEN HOLE	RECORD	SIZE(S)	OF OPENING	55 31-33 DIAMET	ER 34-38	75 60 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE MATERIAL	WALL THICKNESS INCHES	[0	Z ISLOT N	AL AND TYPE		INCHES	FEET
	FRESH 3 SULPHUR 4 MINERALS 6 GAS	10-11   Detel	12	119	מ כ			OF SCREEN	FEET
15-18 1	FRESH 3 SULPHUR 4 MINERALS	3 CONCRETE 4 OPEN HOLE 5 DPLASTIC	.188	0 132	61	PLUGGIN	G & SEAL	ING REC	ORD
10.11	GAS CALLY 6 GAS	17-18 1 □ STEEL 2 □ GALVANIZED	19	20-23	DEPTH SE	T AT - FEET	MATERIAL AND		ENT GROUT.
	☐ SALTY 6 ☐ MINERALS ☐ GAS ☐ FRESH 3 ☐ SULPHUR 29	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC			010-13	146"			
2 [	SALTY 6 GAS	24-25 1 □ STEEL 2 □ GALVANIZED 3 □ CONCRETE	26	27-30	18-21				
1 1	☐ FRESH 3 ☐ SULPHUR 3 DU HINERALS ☐ SALTY 6 ☐ GAS	4 DOPEN HOLE 5 DPLASTIC			26-29	30-33 80			
71 PUMPING TEST ME			PUMP:NG 5-16 17-18		,L O	CATION O	F WEL	L	$\Lambda$
STATIC	WATER LEVEL 25	FVELS DILIPING	OURS	IN DIAGR.		SHOW DISTANCE		FROM ROAD	AND N
LEVEL 19-21	PUMPING 15 MINUTES	30 MINUTES 45 MINUTE	1	LEOT EINE		)	THOM:		. •
	The second secon	T FEET	32-34 35-37 FEET FEET		( <sub>1</sub>	<del>-</del> 1-	3		
IF FLOWING. GIVE RATE  RECOMMENDED PI	SO-OT PUMP INTAKE S		D OF TEST 42		7		1		1
RECOMMENDED PI	UMP TYPE RECOMMENDED PUMP	43-45 RECOMMENDE PUMPING						10	CRD 9)
50-53	W DEEP SETTING	FEET RATE	GPM	1			•1		
FINAL	1 WATER SUPPLY	S ABANDONED, INS				Х	<u>\</u>	*	
STATUS OF WELL	2  OBSERVATION WELL 3  TEST HOLE 4  RECHARGE WELL	L & ABANDONED PO( 7 D UNFINISHED  DEWATERING	OR QUALITY	·		120'-	<b>/</b>		Cenia
	55-56 1 DOMESTIC	5 COMMERCIAL				-		I	CNDID
WATER	2 Stock 3 IRRIGATION 4 INDUSTRIAL	6 MUNICIPAL 7 PUBLIC SUPPLY A D COOLING OR AIR CON	IDITIONING			Johns	treet		
USE	OTHER	COOLING OR AIR CON	OT USED					=	
METHOD	57 CABLE TOOL 2 ROTARY (CONVENT	6 ☐ SORING							
OF CONSTRUCTI	3   ROTARY (REVERSE					1		86	984
	AIR PERCUSSION		3 OTHER	DRILLERS REMARKS					
NAME OF WELL		Lic	LL CONTRACTOR'S	DATA SOURCE	58 CQ	21 04	SEP	1 7 199	13-44 10
S TOO -	ER WELL DRILLING		<del>)</del> 4	l l w l	)N	INSPECTOR			
I <b>—</b> I	cskine Avenue, F	eterborough	LL TECHNICIAN'S	O REMARKS					
Allan SIGNA URE DE	Richard	JAF SUBMISSION DATE	TOOOS WHER	OFFICE					
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Ontario	_	SPACES PROVIDED RECT BOX WHERE APPLICAB	LE 11	4	5089	Su	4501 bl <del>ot 01  </del>	lan 9R1	506	07
Nonthumbo	r l and	TOWNSHIP, BOROUGH	, CITY, TOWN, VILLAGE				BLOCK, TRACT, SUR	VEY. ETC	L	or 25-27 16
								DATE COMI		<b>0</b> -53
		ing	Campbellc	ror	ELEVATION LA	JA IBU	BASIN CODE	DAY Z	13 40 <u>08</u>	vr. <u>90</u>
1 2	M 10 12	17 18	24	25	26	30	31	1 1 1 1		47
	Most	OG OF OVERBURE	DEN AND BEDI	ROCI	K MATERIA				DEPTH	FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER	MATERIALS			GENER	AL DESCRIPTION		FROM	†O
Brown	Top Soil								0	3_
Brown	Clay	Gravel							3	20
Grey	Clay								20	<u>54</u>
Brown	Sand	Gravel							54	<u>58</u>
				-						
							<u></u>			
****									- 12	
		Screen set	from 50 t	o 5	8 feet			2.★		
31	1111111111				, <u>, , , , , , , , , , , , , , , , , , </u>	البلن		بالبك		
32	14 15			با ك	,	اللل	54	ىيا لىك	11111	L
	TER RECORD	51 CASING	& OPEN HOL				SI OF OPENING	31-33 DIAME		8 8 FEET
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	L TH-CKNESS INCHES	FRUM	TH - FEET	10	RIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44 30
58	XFRESH 3 □SULPHUR  4 □ MINERALS 6 □ GAS	10-11 1XXTEEL 2 GALVANIZ			13-16		ainless s	teel	5	O FEET
15-18 1 C	FRESH 3 □SULPHUR 4 □ MINERALS SALTY 6 □ GAS	64 CONCRETE 4 COPEN HOLE 5 CPLASTIC	· 188	0	j-	61	PLUGGI	NG & SEAI	ING RECO	
	FRESH 3 □SULPHUR 24 □ MINERALS □ SALTY 6 □ GAS	17-18 1	E I II		20.23	FROM	10	MATERIAL ANI		NT GROUT CKER. ETC )
25-28 1	FRESH 3 DSULPHUR 29	4 OPEN HOI 5 PLASTIC	26 Z6		27-30		1-21 22-25			
70.33	SALTY 6 DGAS  FRESH 3 DSULPHUR 34 B	1	E			26	-29 30-33 <b>8</b>	0		
PUMPING TEST ME	SALTY 6 GAS	5 PLASTIC		7.		<u> </u>				
<b> </b> 71		2 GPM 3	15-16 17-1 HOURSMIN				OCATION			A
STATIC LEVEL	PUMPING	LEVELS DUDING	PUMPING RECOVERY		IN DIA	GRAM BEL	OW SHOW DISTAN	CES OF WELL ARROW	FROM ROAD A	N
19-21 26	26-		NUTES 60 MINUTES 32-34 35-				<u> </u>	¥		
	T 43 FEET FE	EET FEET WATER A	FEET FE	ΕΤ 12		<u></u>		1		
IF FLOWING. GIVE RATE  RECONMENDED PU	GPM GPM RECOMMENDE	DU '''' 🛠	CLEAR 2 CLOUDY	-41	$\mathcal{T}$	7		1	CRO C	
☐ SHALLOW	PUMP	50 FEET PUMPING		11	)	)		-1	CRO I	9)
50-53	54 [		100000000000000000000000000000000000000	╣	ľ	•	,	بلدا	•	5
FINAL STATUS	1  WATER SUPPLY 2  OBSERVATION WE		INSUFFICIENT SUPPLY POOR QUALITY		- 1		120	Jo	hn Stree	zt'
OF WELL	3 TEST HOLE 4 RECHARGE WELL 5-56				J		120			
WATER	2 DOMESTIC	5 COMMERCIAL 6 MUNICIPAL 7 DEPUNIC SUPPLY								
USE	3   IRRIGATION 4   INDUSTRIAL   OTHER	7 D PUBLIC SUPPLY  COOLING OR AIR  7 D	CONDITIONING  NOT USED							
	57 1 CABLE TOOL	6 D BOR		+						
METHOD OF	2   ROTARY (CONVEN	NTIONAL) 7 DIAM	OND						0.0	2002
CONSTRUCTION		9   DRIV			DRILLERS REMARI	(S			O	8983
NAME OF WELL	CONTRACTOR		WELL CONTRACTOR		DATA	58 (	COMMACION A 59-1			63-68 60
E FAULKN	ER WELL DRILLI			-	SOURCE DATE OF INSPE	CTION	ZIU4	L SEP	1 7 1990	]
789 Er	skine Avenue,			_]	M REMARKS					
Allan	Richard	JAF	LITUOOS UMBER							
SIGNATURE OF	TECHNICIAN/CONTRACTOR	DAY 23		0	OFFICE				CSS	.ES

Ontario Env	rironment					20	MUNICIP.	CON.		
	1. PRINT ONLY IN : 2. CHECK 🗵 CORR	ECT BOX WHERE APPLICABLE	11		5089	36	45011	م الآن	<b>. K</b>	<u>,             5,5</u>
COUNTY OR DISTRICT	1 0	TOWNSHIP, BOROUGH, C	ITY, TOWN, VILL	GE .	,	CON	BLOCK, TRACT, SURVE	Y ETC		LOT 25.27
		<del>=</del>	4	1///			<i>,</i> , , , , , , , , , , , , , , , , , ,	DATE COMP		40-53 7 yr 90
		ING	DEN F	7/ <u>C</u>	ELEVATION	, RC	BASIN CODE	DAY	мо <u>О</u>	, IV
1 2	M 10 12	17 18	24		26	30	31			47
GENERAL COLOUR	MOST	OG OF OVERBURDE		DROCK	MATERIA		<del></del>		DEPT	I - FEET
	COMMON MATERIAL	OTHER M	ATERIALS			GENER	AL DESCRIPTION		FROM	то
BRH GRY GRY	TOSOIL					301	27 		0	3
CAY	GRAVEL					201	<i>,</i>		3	80
GKI	CKAUEC		1			[ 1 ]H ]			80	02
31				ىا لى	ببلب	إلب	باللب	سا ليا	بلبل	ا لبل
32	14 15			للا للا		SIZELS	OF OPENING	31-33 DIAMET	ER 34-38	75 80 LENGTH 39-40
WATER FOUND AT - FEET	TER RECORD	INSIDE MATERIAL	OPEN HOI	DEPTH		N SLOT			INCHES	FEET
10-13	FRESH 3 SULPHUR 14 SALTY 4 MINERALS	INCHES	THICKNESS INCHES	FRUM	TO 13-16	SC MATE	RIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44 30 FEET
15-18 1	6 GAS FRESH 3 SULPHUR 4 MINERALS	1 Mayeel 2 GALVANIZED 3 GONCRETE 4 GOPEN HOLE	188	* O	82	61	PLUGGIN	G & SEAL	ING RECO	
	J SALIY 6 □GAS  FRESH 3 □ SULPHUR 24	5 □ PLASTIC  17-18 1 □ STEEL 2 □ GALYANIZED	19		20-23		ET AT - FEET	MATERIAL AND	TYPE (CEM	ENT GROUT
	SALTY 6 GAS  FRESH 3 DSULPHUR 29	3 GONCRETE 4 GOPEN HOLE 5 GPLASTIC				Ø 10.	13 - 14-17	BENS	EAL	
2 [	SALTY 6 GAS	1 □STEEL 2 □GALVANIZED 3 □CONCRETE	26		27-30	18-	21 22-25	<u> </u>		
	FRESH 3 SULPHUR 3 SULPHUR 4 SULPHUR 3 SULPHUR 4 SULPHUR 5 SULPHUR	4 OPEN HOLE				26-1	30-33 60			
71 PUMPING TEST NET	THOD 10 PUMPING RATE	9 4.	5-16 /	.18		L	OCATION O	F WELL	_	
STATIC	WATER LEVEL 25 END OF WATER LE	VELS DURING	DUMPING	INS	IN DIA LOT L		W SHOW DISTANCE		ROM ROAD	N D
TEST 19-21	PUMPING 22-24 15 MINUTES 26-28	30 MINUTES 45 MINUTE	RECOVERY  5 60 MINUTE							
	75 FEET SB-41 PUMP INTAKE S			EET 42			much 1	n//.K	ROOK	
FEET FLOWING GIVE RATE	GPM	75 PEET 1 - CLEA		<b>⊣</b> I I			Hose			
SHALLOW	PUMP	75 FEET RECOMMENDE PUMPING	4	PM PM			red			İ
50-53				_		/	$\sim$			
FINAL STATUS	WATER SUPPLY Description Well			Υ				C 41		01
OF WELL	3 TEST HOLE 4 RECHARGE WELL	7 UNFINISHED  DEWATERING			GA	HILL		00	NTY P	14
WATER	1 SOMESTIC 2 STOCK 3 RRIGATION	5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY				4166		7		
USE	4   INDUSTRIAL	COOLING OR AIR CON	DITIONING OT>USED							
	57 CABLE TOOL	OUSE BORING							-	
METHOD OF	2 ROTARY (CONVENT) 3 ROTARY (REVERSE)	IONAL) 7 DIAMONI B D JETTING					5		71	742
CONSTRUCTION	ON 4   ROTARY (AIR) 5   AIR PERCUSSION	9   DRIVING	OTHER	DRII	LLERS REMARK	.s				144
NAME OF WELL			L CONTRACTO	R'5 >	DATA SOURCE	5# CO	NTRACTOR 59-62	PATE RECEIVED	17 10	90 ''' "
ONTRACTOR ONTRACTOR	E WELL L S LANDING	IR 67D	5129	110	DATE OF INSPEC	TION	3 1 2 9	JEP	1 ( 13	<i>5</i> 0
A GORE	S LAN DING		LL TECHNICIAN	's U	REMARKS	,		7.4		2
SIGNATURE OF	TECHNICIAN/CONTRACTOR	SUBMISSION DATE	-0454	FFICE						
1	orm Ko	Lie DAY 04 MO	09 vr 2	S P					CS	S.ES
MINISTRY	OF THE ENVIRONM	ENT COPY						FOR	M NO. 0506 (	1/86) FORM 9

ONLY AUG 2 3 2000 ource <u> Herb Lang Well Drilling Ltd</u> 3367 Date of inspection USE R.R. #1 Ofmemee Ontario Name of Well Technician Well Technician's Licence No Remarks MINISTRY Allan Richard
Signature of Pechnician/Contractor CSS.ES0 T-1868 day 17 mo 8 2000 0506 (11/98) Front Form 9 2 - MINISTRY OF THE ENVIRONMENT COPY

217422

9 Driving
10 Digging
11 Other

5 Air percussion
6 Boring
7 Diamond
8 Jetting

☑ Cable tool
☐ Rotary (conventional)

☐ Rotary (reverse)
☐ Rotary (air)

day Q G mo O 7 yr Q

0506 (11/98) Front Form 9

♥ Ontario

Ministry
of the

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Municipality		Con.					
4501	l	CON	1 1	í	1	0	8
10	1.1	15			22	23	74

		1 2		10	14 15	. 1.	26.87
County or District Northumber		Township/Borough/City/ Hope Twp.	fown/Village	Con block	tract survey, Sub-lot		15
		Address	A O.h		Date completed		1 00
21	u,	Northing	Ave., Oshawa, C	RC Basin Code	· ii	day m	onth year
1 2	M 10	12 17 18	24 25 26	30 31		1.11	47
General colour	Most common material	OF OVERBURDEN AND BEDR Other materials	OCK MATERIALS (See I	General description			- feet
Brown	Sandy	loam				From	то <b>4</b>
Brown	Sandy	clay				4	18
Gray	Clay	Clay				18	65
Gray	Clay	silt				65	147
Gray	Limestone	rock				147	156
Gray	JIECO CONC						
				. 100			
	W- AP						
31					سيا لــ		
32	4 15 21	32	43	54	65		75 8
Water found	ER RECORD 51  Kind of water diag		RECORD  Depth - feet	Sizes of opening 31-33 (Slot No.)		4-38 Leng	th <sup>39-40</sup>
at - feet	□ Fresh 3 □ Sulphur 14 inch	inches	Depth - feet From To 13-16	Material and type		epth at top	
Land	☐ Salty 6 Gas ☐ Salty 6 Gas	2 ☐ Galvanized 3 ☐ Concrete					feet
	☐ Salty 6 ☐ Gas	14	+2 147 61	PLUGGING &		RECORD Abandonm	ent
20-23 1 [ 2 [	☐ Fresh 3 ☐ Sulphur 24 ☐ Minerals ☐ Salty 6 ☐ Gas	2 Galvanized 3 Concrete 4 Open hole		Depth set at - feet	and type (Ceme		
25-28	□ Fresh <sup>3</sup> □ Sulphur <sup>29</sup> □	5 Plastic 26	147 156	10-10 20 Hole	eplug &	Muds1	urry
30-33	Fresh 3 Sulphur 34 60	2 Galvanized 3 Concrete 4 Open hole		18-21 22-25 26-29 30-33 80			
2 [	☐ Salty 6 ☐ Gas	5 Plastic					
71 Pumping test m		Duration of pumping 15-16 15-16 15-16 15-16 15-16 15-16 15-16 15-16 15-16 15-16 15-16		LOCATION OF W			
Static level V	Water levels during	¹  Pumping 2 ☐ Recovery	In diagram be Indicate north	low show distances of by arrow.	well from roa	ad and lo	t line.
TSD 19-21 29 feet If flowing give r.	22-24 15 minutes 30 minu				1		
29 feet  If flowing give r	rate 38-41 Pump intake set at	Open         130 peet         130 peet           Water at end of test         42	1	toredlan	,d	011	102
Recommended p	GPM 154 pump type Recommended	feet Clear Cloudy  43.45 Recommended  46.49	_ {4,55		1ch	ed	200
☐ Shallow	Deep pump setting 155	feet pump rate 5 GPM	1				4
FINAL STATUS	S OF WELL 54		口。				
<sup>3</sup>	oply 5 Abandoned, insufficion well 6 Abandoned, poor qu	ient supply 9 🔲 Unfinished µality 10 🔲 Replacement well					
3 ☐ Test hole 4 ☐ Recharge			1737	GARDEN H	111		-
WATER USE	55-5 <b>6</b> 5	<sup>9</sup> □ Not use	1 19	GARDEN	,		
1 Domestic 2 Stock 3 Irrigation 4 Industrial	7  Public supply	10 🔲 Other					
		······································					
1 Cable tool 2 Rotary (co	CONSTRUCTION 57    5	<sup>9</sup> □ Driving <sup>10</sup> □ Digging					
3 ☐ Rotary (co	everse) 7 🗆 Diamond	11 Other			4	216	662
Name of Well Contr	rador	Well Contractor's Licence No.	Data 58 C	ontractor 59-6			63-68   80
	Sons Well Drilling		Source  Date of inspection	2662 Section 1	DEC		000
Address Box 850.	Fenelon Falls, Ont	ario	Date of inspection	Inspector			
Name of Well Techn	nician	Well Technician's Licence No.				000	E CA
Garry Mck Signature of Technic	cian/Contractor	T-0238 Submission date	Remarks			CSS.	ESU
Clarke	was	day mo yr	Σ			0506 (11/98	Front Form



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Municipality .	Con.	1 1	ı	DS
10 14	15			22 23 24

County or District	BERLAND	Township/E	Borough/City/To	own/Village		Con t	olock tract survey	, etc. Lo	16
		Address	GARDE	N HILL,C	NTARIC	).	Date completed	11 day	4 01 nonth year
21	Ψ 		Northing	RC	Elevation	RC Basin C	ode ii	iii	iv LLLL
2	LOG (	OF OVERBURDEN	AND BEDRO	CK MATERIAL	S (see inst	ructions)			47
General colour	Most common material	Othe	r materials		Ge	eneral description	on	From	h - feet To
BROWN	CLAY	SAND						0	15
GREY	CLAY							15	30
BLUE	CLAY	SAND						30	78
					GRAV	EL PACK	ED	75	78
		<u> </u>				<u></u>		<u> </u>	
								ļ	-
					<del>-</del>	<u> </u>			
									<del> </del>
					1 1 1 1		1.1.11		
31	<u> </u>	<u> </u>	<u>                                     </u>	]	<u>                                    </u>	<u> </u>	<u> </u>		
10 1	14 15 21 51 51	CASING & OF	PEN HOLE R	ECORD		izes of opening	31-33 Diameter	34-38 Ler	75 80 gth 39-40
Water found at - feet	Kind of water Insid	Material	Wall thickness inches	Depth - feet From To		Slot No.)		inches	feet
	Fresh 3 Sulphur 14 inche		likiles			faterial and type		Depth at top	feet
	Gas    Gas		188	0 78			1910 a OF 11 IN	DECOR	l
20.23	Salty 6 Gas			2	0-23	🕻 Annular :	ING & SEALING	Abandon	
2 [	☐ Fresh 4 ☐ Minerals ☐ Salty 6 ☐ Gas	3 ☐ Concrete 4 ☐ Open hole			Fro		Material and type (C		
	☐ Fresh 3 ☐ Sulphur 29 ☐ Minerals ☐ Gas ☐ 24	5 Plastic  25 1 Steel 2 Galvanized			27-30	8-21 22-25	Hore PLL	16 6t	<u>out</u>
	☐ Fresh <sup>3</sup> ☐ Sulphur <sup>34</sup> <sup>60</sup> ☐ Salty <sup>6</sup> ☐ Gas	3 ☐ Concrete 4 ☐ Open hole		Ì		26-29 30-33	80		
	- Cas	5 Plastic	<u> </u>						
71 Pumping test r	□ Bailer 3	Duration of pumpi 15-16 Hours	00 Mins	$\mathcal{N}_{India}$	agram belov	LOCATION show distan	OF WELL ces of well from	road and le	ot line.
	Water level end of pumping 25 Water levels during 22-24 15 minutes 30 minutes		☐ Recovery	1 India	ate north by	arrow.			
DOWN TEST	65 28 28		60 minutes 28 35-37						
Z feet If flowing give		Water at end of tes					Kthousp		
Recommended		feet Clear  43-45 Recommended	Cloudy 46-49	)	\		1 .		
☐ Shallow	Deep pump setting	feet pump rate	GPM	SANGE I	1-10	00'-1	Pros	ر	
FINAL STATU	JS OF WELL 54	W-1		1 3	1				
1 Water su 2 Observat	ipply 5 ☐ Abandoned, insufficition well 6 ☐ Abandoned, poor qu			Pro	10				
3 ☐ Test hole 4 ☐ Recharge				(7)	131	-			
WATER USE	55-56 c 5 ☐ Commercial	9 ☐ Not use	)	1	月月月	C 0	000		
2 ☐ Stock 3 ☐ Irrigation	6 ☐ Municipal 7 ☐ Public supply	10 <b>Other</b>			1 1/2	[ GH	RDEN	HIL	40
4 🗌 Industria		Oning			11				
1 A Cable to		9 ☐ Driving							
2 ☐ Rotary (c 3 ☐ Rotary (r 4 ☐ Rotary (a	reverse) 7 Diamond	10 Digging 11 Other		Ì	1			223	3572
Name of Well Con			or's Licence No.	Data source	58 Con	463	59-62 Date red		2001 63-68 8
	LSON RD.RR#2 CAV			Date of insp	ection	Inspector	1000	- <del></del>	<u> </u>
Name of Well Tech	hnician	Well Technicia	an's Licence No.						
BOB RU		Submissioned		NINI Remarks					
K	10	day mo		Ī				0E06 (07	(00) Front Form

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11

Municipality	Con.	_
45011	CON	<b>⊥∟07</b>
40 44	10	22 22 74

County or District	umberland		Township/E	Borough/City/T	own/Village	1	· · · · · · · ·	Con block	tract survey - 7 SubLt		Lot 25-27 ) 16
Owner's surname		)	Address	len Hill	. Onta:	rio			Date completed	1.7 day	07, 200 month
Stalwood	Zone	Easting	- Cur	Northing			vation RC	Basin Code	ii	day	montn year
21	Д М	12	17	18		25 26	30	31			47
		OF OVE			OCK MAT	ERIALS (s	see instruction			De	pth - feet
General colour	Most common material	-	Othe	r materials	#	Loose		description		From	To
Dk.Br.	Top Soil	-				Packe				1	28
Dk.Br.	Sand	CI	.ay						·	20	105
Grey	Clay					Loose				105	125
Grey	Clay					Packe				125	127
Black	Pea Gravel	Wa	ter			Porou	15			125	12,
	,										
									`		
31   , , ,	1	1 1 1 1	1		11		1.11.0	11111			
32			للليا		حصياً ل		حب لب				75 80
	R RECORD 51		SÎNG & OP	EN HOLE F			Sizes of (Slot No.	-pg	1-33 Diameter	34-38 Le	9ngth 39-40
Water found at - feet	Kind of water	۱ ا	Material	Wall thickness inches	Depth From	- feet To	Material		<u> </u>	nches	feet op of screen 30
	V a □ Culobur 143 -	1 1	Steel 12 Galvanized			13-16	S	ала туре		Depui ai i	feet
15-18 1	Fresh 3 Sulphur 19	4 🗆	Concrete Open hole Plastic	.188	0	127	<u> </u>	-tucous		DEAD	
20.22	Salty 6 Gas	'-18 /1 🗆	10	,		20-23		Annular space	& SEALING	□ Abando	
<u> </u>   ' L	☐ Fresh	3 🔲	Concrete Open hole				Depth set a	t - feet Mate	rial and type (Ce	ment grout	, bentonite, etc.)
	Fresh 3 Sulphur 29 Salty 6 Gas		Plastic Steel <sup>26</sup>			27-30		0 14-17 Bei	ntonite	- E-	Z MUD
20.00	Salty 6 Gas  Gas  Sulphur 34 60  Minerals	3 🗆	Galvanized Concrete Open hole				18-21 26-29	30-33 80	+ BEUSI	CAL	
2 [	Salty 6 Gas		Plastic								
71 Pumping test m		11-14 Dui	ration of pumpir	30 Mins			LO	CATION OF	WELL		*****
- Static level	Water level and of pumping 25 Water levels during	1 D Pur		Recovery			m below shown orth by arrow		of well from r	oad and	lot line.
TEST 19-21   TEST   TES	22-24 15 minutes 30 minu	es 45 i	minutes 32-34	60 minutes 35-37	ļ		•				
<u>5</u> 0 <sub>feet</sub>	10 <sub>feet</sub> 10 <sub>feet</sub> 10	feet	10 <sub>feet</sub>	10 feet							/N
If flowing give r	ate 38-41 Pump intake set at	feet Wa	iter at and of test	t ⁴² □ Cloudy					,		
Recommended p	Dump type Recommended pump setting 110	pi	tecommended ump rate	8					How	<u> </u>	<b>→</b>
50-53	уровар	feet		GPM		1		•	•		7
FINAL STATU	S OF WELL 54	·	<sup>9</sup> □ Unfinish								1148
1  Water sup 2  Observati	ion well 6 🗌 Abandoned, poor q		10 ☐ Replace					lĩ	<u></u>		Weil
4 ☐ Recharge								]			
WATER USE	55-56 5 Commercial		9 ☐ Not use					- 11	1		
2 Stock 3 Irrigation	6 ☐ Municipal 7 ☐ Public supply 8 ☐ Cooling & air condit	anina	10 🗌 Other					- 11			
4 🗆 Industrial						100	USE CR	- 11			
METHOD OF	CONSTRUCTION 57 bl 5		<sup>9</sup> ☐ Driving			ANK	031 C R	<u>/</u> L			
<sup>2</sup> ☐ Rotary (c <sup>3</sup> ☐ Rotary (re	everse) <sup>7</sup> 🗆 Diamond		10 Digging 11 Other			4	·2 -	<u> </u>		229	3820
<sup>4</sup> ☐ Rotary (a	ir) Clude										3020
Name of Well Cont			Well Contracto	r's Licence No.	<b>∑</b> Data sour		58 Contractor	267	59-62 Date rece	_	?001 <sup>63-68</sup> 80
Address	ng Well Drilling Lt	u.	3301	***	Source Date	of inspection		Inspector	AUU	υl	<u> LUUI  </u>
	, Omemee, Ontario	· · · · · · · · · · · · · · · · · · ·	Moll Took-isi-	ın's Licence No.	L USE	arks					
John Jan	<b>n</b> g		T-2111		STRY	ici Nə					
Signature of Techn	ician/Contractor		Submission da		MINISTRY						
7,4			da 3 mo	7 91				<del></del>		0506 (0	7/00) Front Form 9

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Municipality		Con.						
4501	ÌΙ	CON	1	L	ı		0	7
10	14	15				22	23	2

County or District		Name	Township/E	3orough/City/1	own/Village	•			k tract survey	.14)	48-53
Owner's sumame Stalwood H	Filst	Name		en Hill	, Onta	rio			completed	17 <sub>6ay</sub> 07	month Ogla
21	Zor T M	e Easting	1 17	Northing		RC Elev	ration RC	Basin Code	e ii 	III 	11114
		LOG OF OV	ERBURDEN	AND BEDR	OCK MAT	ERIALS (s	ee instructio	ns)		Den	th - feet
General colour	Most common materia	<u> </u>	Othe	r materials			General d	escription		From	То
Brewn	Topsoile				Soft					0	1
Brown	Sand	C1	ay Stone	es		Packed				1	20
Grey	Clay				Dense Packed Cemented Loose				20	118	
<del></del>	Clay	Sa	nd						118	125	
	Gravel	C1	lay						125 13		
Brown	Pea Gravel	Sa	and						130	134	
31											
32			32		43	<u> </u>	54		65	34.20 1 :	75 Total Transfer Tra
41 WATER	R RECORD	Inside	ASING & OF	Wall	RECORD Depth	- feet	Sizes of or (Slot No.)	pening	31-33 Diameter	34-38 Ler	ngth 39-40 feet
at - feet	Kind of water	diam inches	Material	thickness inches	From	To 13-16	Material as	nd type	i	Depth at top	
134 2 🗖	Salty 6 Gas	2 2	Steel <sup>12</sup> Galvanized Concrete	.188	0	134	σ	_			feet
	Fresh 3 Gulphur 19 All Minerals Salty 6 Gas	5 🗆	Open hole Plastic	.100			61 <b>F</b>	JUGGIN	G & SEALING	RECOR	D
20-23 1 🗆	Fresh 3 Sulphur 24	2	Steel 19 Galvanized			20-23	Depth set at	Annular spa		☐ Abandon	
25-28	Salty 6 Gas  Fresh 3 Sulphur 29  Minerals	4 [	☐ Concrete ☐ Open hole ☐ Plastic				From 10-13	14 17	aterial and type (Ce		
2 0	Fresh 4  Minerals Salty 6 Gas	24-25 1	□ Steel <sup>26</sup> □ Galvanized			27-30	5 <sup>18-21</sup>	5 E	enseal E		
	Fresh 3 Gulphur 34 60 4 Minerals Salty 6 Gas	3 [ 4 [	☐ Concrete ☐ Open hole ☐ Plastic				26-29	0 C	lay & Gr	aver	
Pumping test me				ngo o				ATION O	E WELL		
Static level Went 19-21 +1 feet If flowing give rat	do foumping  22:24  15 minutes 26:28  40  feet  18			□ Recovery  60 minutes 35-37  40  feet  1 42 □ Cloudy 46-49		In diagrai Indicate r	m below show north by arrow	distances	s of well from r	oad and l	ot line.
50-53								ł	House	1	
FINAL STATUS	ply 5 Abandoned,		ly <sup>9</sup> 🗆 Unfinish						1-468	! ! 148,0	LL
<ul> <li><sup>2</sup> ☐ Observation</li> <li><sup>3</sup> ☐ Test hole</li> <li><sup>4</sup> ☐ Recharge v</li> </ul>	7  Abandoned		10   Replace	ernent well	I Ita				ص <sup>ح</sup> ا	*	<del></del>
WATER USE  1	55-56 5	/ conditioning	9   Not use		77 77	مدا		1.4			
1 ☐ Cable tool 2 ☐ Rotary (cor	nventional) <sup>6</sup> 🗌 Boring	on .	9 ☐ Driving  10 ☐ Digging  11 ☐ Other			LARO	SE ST.	4		_	
3 ☐ Rotary (rev 4 ☐ Rotary (air)			·· Uther							228	382 <b>3</b>
Name of Well Contra	actor  G Well Drilling	Ltd.	Well Contracto	r's Licence No.	Date soul	rce	58 Contractor	67	59-62 Date rec		2001
Address	Omemee, Ontari				O <b>J</b> St	e of inspection		nspector			
Name of Well Techn	nician		Well Technicia	ın's Licence No.	Ren	narks					<u></u>
			l .								
Gary Fos Signature of Jechnic	iter cian/Contrador		2905 Submission da	ite	MINISTRY						

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4513073 11

Municipality H50	Con.	.1		٥	8
10 14	15		22	23	24

County or District				Township/f	3orough/City/1	「own/Village			Con b	lock tract survey	, etc. L	ot 25%
				Address RR //	PORT	HOPE	ONT			Date completed	1 day	5 o2 month yea
21		y J			Northing		RC Eleva		Basin C	ode ii		iv
			LOG O	F OVERBURDEN	AND BEDR	OCK MAT	ERIALS (se	e instructi	ions)			
General colour	Most co	mmon materia	. " ]		r materials				l descriptio	on	De <sub>l</sub> From	oth - feet To
					, ,		TOP	Sou	L		0	2
BROWN	CLAY			SANO							2_	8
GREY	CLAY			SAND, ST	NS						8	122
GREY	CLAY			SILT					<u> </u>		122	139
GREY	CLAY										139	142
WH ITE	GRAVEL										142	145
BROWN	SHALE										145	146
GREY	LIMEST	ONE									146	149
					<del> </del>							
					<u>.</u>						<u> </u>	
31		للبينا ك	للل	لحبيا ليا	1111	بينا ك		ىــا لــــــ	<u> </u>			
	14 15	21		CASING & O	DEN HOLE	DECORD.		Sizes o	of opening	31-33   Diamete	34-38 L	ength 39-
Water found	ER RECORD Kind of wa		51 Inside diam	Material	Wall thickness	Depth					inches	fe
at - feet	Freeh 3 🗆	Sulphur 14 Minerals	inches	1 1 Steel 12	inches	From	To 13-16	Materia	al and type		Depth at t	op of screen
45.10	□ Salty 6 □	Gas Sulphur 19	67	2  Galvanized 3  Concrete 4  Open hole	. 188	0	146		<del></del>			feet
2	☐ Safty 6 ☐		17-18	5 ☐ Plastic			20-23	61	PLUGO Annular	SING & SEALIN	G RECOI	
20-23	☐ Fresh <sup>3</sup> ☐ ☐ Salty <sub>6</sub> ☐	Sulphur 24 Minerals Gas	1	2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole				Depth set From	To	Material and type (	Cement grout	t, bentonite, etc
25-28 .	☐ Fresh <sup>3</sup> ☐	Sulphur 29 Minerals	24-2	5 🗆 Plastic			27-30	O <sup>10-13</sup>	8 14-17	HOLF-PL	uG	
20.22	□ Eroch <sup>3</sup> □	Gas Sulphur <sup>34</sup> <sup>60</sup> Minerals		2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole				18-21 26-29	30-33	8C		<u> </u>
2	Salty 6	Gas	<u></u>	5 Plastic								
71 Pumping test	method 10	Pumping rate	•	Duration of pump	ing OO Mins					OF WELL		
Otatia laval	Water level end of pumping	25 Water levels	during		2  Recovery	1		n below shorth by arro		ces of well from	road and	lot line.
3 5 19-21	147	15 minutes 147 26-28	30 minute	45 minutes 9-31 147	60 minutes 147	11					1 = H	
Z feet	feet	feet Pump intake set		feet feet Water at end of te	feet	41				ć	$\neg$	31.
If flowing give	GPM		•	feet Clear	Cloudy	1				'	روا	
Recommended  Shallow	Deep	Recommended pump setting	u 9	110001111110111002	2 GPM			0				
50-53						1		10 0	er i	I		
FINAL STAT	upply	5 Abandoned								WOODLAND		
<sup>2</sup> ☐ Observa <sup>3</sup> ☐ Test ho <sup>4</sup> ☐ Recharge	le	<ul> <li>6  Abandoned</li> <li>7  Abandoned</li> <li>8  Dewatering</li> </ul>	(Other)	lity 10 ☐ Replac	ernent weii				FROST	, doi:	1	
WATER USE		55-56				$\frac{1}{1}$						
1 Domesi 2 Stock	tic	5		9 ☐ Not us 10 ☐ Other		:						
3 ☐ Irrigato 4 ☐ Industri		7 Public supp 8 Cooling & a		ning							•	
	CONSTRUC						WEU	יי ברד	A0 -	— 122' —— 20'	ş	<u>:</u>
	(conventional)	<ul> <li><sup>5</sup> ☐ Air percuss</li> <li><sup>6</sup> ☐ Boring</li> <li><sup>7</sup> ☐ Diamond</li> </ul>	ion	<ul> <li>9 ☐ Driving</li> <li>10 ☐ Diggin</li> <li>11 ☐ Other</li> </ul>	ig		wr u	, , , , <sub>H</sub>			^^	, . [400
3 ☐ Rotary 4 ☐ Rotary		8 ☐ Jetting				11					23	5499

Address

### The Ontario Water Resources Act WATER WELL RECORD

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

4513276

Municipality 45011	Con.	1 1	1	1	O	8
10	4.5		-			

0506 (07/00) Front Form 9

				1 2				10	14 15		22 23
County or District	UNBERKA	ND		p/Borough/City	r/Town∕Village	)		Con block	tract surve	y, etc.	Lot 25-2
			Address 808	0 1.4	RSCA	カカミム	, al	MONO	Date completed	14	/2 02 month yea
21		7	1 000	Northing		RC Elev	ation RC	Basin Code	ii 1	day	iv
1 2	ı		VEDDI IDDEI	70	POCK MAT	25 26 TEDIAL C /o	ee instruction	31			
General colour	Most common ma			ner materials	HOCK MAI	ENIALO (S		description			pth - feet
	<u> </u>			TOT THE CONTROL				· ·	<del>.</del>	From	To
BAN BAN BAN	Top Soil FINE S COURSES		·				SOF, HARD HARD	7		0	12
BAN	FINE 3	AND					MARD			2	35
BAN	COURSES	AND					MARD		. *	35	40
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31			لحصال		ـــــا لــ		سيا ليل		سا ليا		البلبا
	14 15 21 21 ER RECORD	<b>]</b>	CASING & O	DEN HOLE	DECORD		Sizes of o	nacing 31	33 Diameter	34-38 Le	ngth 39-44
Water fourid at - feet	Kind of water	Inside diam	Material	Wall thickness	Depth -	- 1		#25°	<b>I</b> —	inches	7 feet
10-13	Fresh 3 Sulphur 14	1   12%   14	≤ Steel 12	inches	From	To 13-16	(Slot No.)  Material a	nd type		Depth at to	pp of screen
15.19	Salty 6 Gas  Fresh 3 Sulphur 19	<b>-   </b>	☐ Galvanized ☐ Concrete ☑ Open hole	188		36 40	STAIN	ILESS S	TEEL	3	feet
2 [	Salty 6 Gas	17-18 1	☐ Plastic 19		36	20-23		PLUGGING Annular space		RECOF	
	□ Fresh <sup>3</sup> □ Sulphur 24 □ Minerals □ Salty 6 □ Gas	3	☐ Galvanized ☐ Concrete				Depth set at	- feet			bentonite, etc.)
	☐ Fresh 3 ☐ Sulphur 29	5	☐ Open hole ☐ Plastic ☐ Steel 26			27-30	From /	44.47	NTON	iTE	
20.22		2	☐ Steel 26 ☐ Galvanized ☐ Concrete			2, 35	18-21	22-25		2.1	
	☐ Salty 6 ☐ Gas		☐ Open hole ☐ Plastic				26-29	30-33 80			
Pumping test m		te // GPM	Duration of pump	oing Mins			LOC	ATION OF V	VELL		
	Water level 25 Water level			<sup>2</sup> □ Recovery	<b>i</b>		n below show orth by arrow.		well from r	oad and	lot line.
19-21 e	end of pumping 22-24 15 minutes 26-2	•	45 minutes 32-34	60 minutes 35-37					<b>4</b> .		
20 feet	28 feet 28 fee	2 F feet	28 feet	28 feet			<del></del>	7,011	<u></u>		
If flowing give ra	rate <sup>38-41</sup> Pump intake GPM	set at 58 feet	Water at end of te ☐ Clear	est 42 Cloudy		<del></del>	CARCCA	20-1/			
Recommended p	numm notting	ded 43-45	Recommended pump rate	46-49	]		-V+K)(V+/) # 9	116 IX	Ra.	<del></del>	
50-53	>U beeh	58 feet		8 GPM	]			APP	OX.		
FINAL STATU		ned, insufficient supp	oly <sup>9</sup> □ Unfinis	<b></b>	1		CARSCAL # 8	6	25'		
2  Observation	on well 6 Abando	ned, poor quality	10 ☐ Replac					$\downarrow$			
-	well Dewate	ning			]		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WEL	.h.	* ) 1	V° y⊕r
WATER USE  1 Domestic	5 Comme		9 ☐ Notus				s. 4			43	A 11
2 ☐ Stock 3 ☐ Irrigation 4 ☐ Industrial	6 ☐ Municip 7 ☐ Public s 8 ☐ Cooling		10 🗌 Other.				<u> </u>				
Cable tool		ussion	9 Driving								
<sup>2</sup> ☐ Rotary (co <sup>3</sup> ☐ Rotary (re <sup>4</sup> ☐ Rotary (ai	everse) 7 🗆 Diamon	d	10 ☐ Diggine 11 ☐ Other							243	3415
										<u></u>	, T T O
Name of Well Control	ALFORD WELL	Dollin		or's Licence No.	Data source		58 Contractor	15	9-62 Date rece	aived 3	2003 63-68
Address	- w	~ DKI~LAT	7 //	/ 5	ш Голо	of inspection	• 4.	nspector	77111		
Name of Well Techn	ST/NGS nician	. 4	Well Technici	an's Licence No.	Rema	ırks					
Dane	U Ball		T-04.	54	MINISTRY US	-				SS.E	<b>S</b> 3
Signature of Technic	cian/Contractor		Submission d	og.	Z				C	OO.E	
					- —						

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4513307

Municipality H5011	CON.	ROLL
16	16	22 20

0506 (07/00) Front Form 9

County or District	HUMBER LAN	D	Township	o/Borough/City	Town/Villag	je		Con	block tract	survey, etc.	Lot 15 <sup>25-27</sup>
			Address	R.#1,	Campl	sellcro	H.On	KOAL	Bo Date comp	oleted day 0	month Yea
21	M 10	12		Northing	1 1 24			C Basin (		11 1 1 1 1 1	iv
			VERBURDEN	AND BEDF	ROCK MA	TERIALS (	see instru	ctions)		Do	oth - feet
General colour	Most common materia	I	Oth	er materials				ral description	on	From	To
00 /	0.00		0 0 10		<del></del> -	TOP	> Soi	11		0	1
BROWN	CLAY		SAND							1	15
WHITE	CLAY		GRAVE	L						15	117
WHITE	GRAVEL									117	190
31			لحصا ك		سيا ل		ــا لــــــــــــــــــــــــــــــــــ	1111	البلبا		البليا
	R RECORD	51 (	CASING & O	DEN HOLE I	L ECOPD		54 Sizes	of opening	31-33   Dia	65 Imeter 34-38 Ler	75 8 19th 39-40
Water found at - feet	Kind of water	Inside diam	Material	Wall thickness	Depth					inches	feet
10-13	Fresh 3 Sulphur 14 Minerals		Steel 12 Galvanized	inches	From	To 13-16	Materi	ial and type	(1)	Depth at to	p of screen 34
15-18 1	Fresh 3 Sulphur 19	64 3	☐ Concrete ☐ Open hole	188	0	120					feet
20.22	Salty 6 Gas  Fresh 3 Sulphur 24	17-18 1	☐ Plastic ☐ Steel ☐ Galvanized			20-23	61	PLUGG Annular s		LING RECOR  Abandon	
2 [	Salty 6 Gas	3 4	☐ Concrete ☐ Open hole				From	10	Material and ty	rpe (Cement grout, I	bentonite, etc.)
	] Fresh <sup>3</sup> ☐ Sulphur <sup>29</sup> 3 ☐ Minerals 3 ☐ Salty <sub>6</sub> ☐ Gas	24-25 1	☐ Plastic ☐ Steel 26 ☐ Galvanized			27-30	18-21	عراب الم	HOLE	PLUG G	POUT
	Fresh 3 □ Sulphur 34 60 4 □ Minerals □ Salty 6 □ Gas	3 4	☐ Concrete ☐ Open hole ☐ Plastic				26-29	30-33 B	0	-	
Pumping test m	athed 10   Rumping rate			na 1							
71 1 Pump 2	Bailer 25		Duration of pumpi 15-16 Hours				n below sh			rom road and k	ot line.
	nd of pumping   Water levels du		45 minutes	Recovery 60 minutes		Indicate n	orth by arro	ow.		•	
19-21 Country of feet If flowing give ra	43 <sub>feet</sub> Ø feet	p reet	9 32-34 feet	9 35-37 feet						O: House	,
If flowing give ra		feet	Water at end of tes ☑ Clear	t 42		Χ			lus		•
Recommended p	pump setting	43-45	Recommended pump rate	46-49		00.			(10	21	
50-53		OO feet				CAR	OWELL CRT	WOOLAND	,		
FINAL STATUS	ply 5 Abandoned, in	sufficient supp						AVE			
<sup>2</sup> ☐ Observation <sup>3</sup> ☐ Test hole <sup>4</sup> ☐ Recharge	on well 6		10 ☐ Replace	ement well			FROST ]				
WATER USE	55-56					-(9)			,		
1 Domestic 2 Stock	5 Commercial 6 Municipal		9 Description Not use 10 Description Other			9					
3 ☐ Irrigation 4 ☐ Industrial	7 ☐ Public supply 8 ☐ Cooling & air c	onditioning						,		1	
	CONSTRUCTION 57				I .	lell —	$\frac{1}{2}$	اح			
<sup>1</sup> Th Cable tool <sup>2</sup> ☐ Rotary (co <sup>3</sup> ☐ Rotary (rev	nventional) <sup>6</sup> Boring verse) <sup>7</sup> Diamond		9 Driving 10 Digging 11 Other		1 '	Vell to t		65		050	000
<sup>4</sup> ☐ Rotary (air	) <sup>8</sup> ☐ Jetting				1	Welltol	louse_	170		250	938
Name of Well Contra	RUTH WENDRIL	war la	Well Contractor		Data source		58 Contractor	635		te received	63-68 80
Address			, , , ,		Date	of inspection		Inspector	<u>J</u>	erin i U C	
Name of Well Techn	ician Un. LOA	100	Well Technician	_		arks		1			
Doug Signature of Technic	tian American		18 3 Submission da		MINISTRY Remains					CSS.E	<b>S3</b>
1			day30 moC	18 yoz	ž						0) Front Form

♥ Ontario	Ministry of the Environment			The (	Ontario Water I NATER WEI	Resourc _L REC	es Act
Print only in spaces provided Mark correct box with a chec	d. ckmark, where applicable.	11 2	45133	37	Municipality Con	Di <b>N</b>	22 23 24
County or District	16.	Township/Borough/City/T	own/Village		Con block tract surve	y, etc. Lot	) 5 } oti
	<u> Zonc</u> Lasing	Address  Garde  Northing	RC Eleve	ation RC	Basin Code ii	day m	onth year
21	M 10 OF OF	/ERBURDEN AND BEDR	OCK MATERIALS (se	ee instruction	31 1s)		47
General colour Most	t common material	Other materials		General de		Deptr From	r - feet To
700 Soi				<u>-</u>		0	
Brown	Clay					1	24
Crey C	lay					24	100
Grey C	lay	Stones				100	140
	Sand	Grave		<u></u> .		140	117-1
						ģ.	
		· · · ·					
31	لــــُـــلــــــــــــــــــــــــــــ			سياليا			البلب
32 10 14 15	21	32	1 43	54 Sizos of or	pening 31-33 Diamete	or 34-38 Leng	75 th 39-40
41 WATER RECOI Water found Kind of	Inside	CASING & OPEN HOLE Wall Material thickness	Depth - feet	Sizes of or (Slot No.)	bening 31435 Diamete	inches	feet
at - feet	☐ Sulphur 14 inches	inches 12	From To 13-16	Material a	nd type	Depth at top	of screen
2 □ Sarry 6	Gas 2	☐ Galvanized ☐ Concrete ☐ Open hole	0 147	sa Wasaniyares S	to the second second	var jakori ja	feet
2 Galty 6	☐ Minerals 5 5 17·18 1	☐ Plastic 19	20-23		PLUGGING & SEALIN Annular space	G RECORI	
T Collection 4	☐ Sulphur 24 2 2 3	☐ Galvanized ☐ Concrete ☐ Open hole		Depth set at		Cement grout, b	entonite, etc.
25-28 1  Fresh 3	□ Sulphur 29 5 □ Minerals 24-25 1	☐ Plastic ☐ Steel 26	27-30	10-13	14-17		
30-33 1	☐ Gas 2 ☐ Sulphur 34 60 3	☐ Galvanized☐ Concrete☐		18-21 26-29	22-25 30-33 <b>8</b> 0		
4		☐ Open hole ☐ Plastic					
Pumping test method 1 1 □ Pump 2 Bailer	Pumping rate 11-14 GPM	Duration of pumping			ATION OF WELL		. 1'
Static level Water level	na i	Pumping Recovery	In diagrai Indicate r	north by arrow	distances of well from	road and ic	ot line.
19-21 22-2	15 minutes 30 minutes 29-31	45 minutes 35-37		m			
40 /20 feet 384		60 teet 50 feet Water at end of test					
If flowing give rate GP	м /35 feet	Clear Cloudy  Recommended 46-49	<u> </u>				
Recommended pump type  Shallow Deep	Recommended 43-45 pump setting 5 feet	pump rate GPM					^
50-53			1   ""				1
FINAL STATUS OF WE Water supply	5 Abandoned, insufficient sup	oply 9  Unfinished		*			
2 ☐ Observation well 3 ☐ Test hole 4 ☐ Recharge well	<ul> <li>Abandoned, poor quality</li> <li>Abandoned (Other)</li> <li>Dewatering</li> </ul>	10  Replacement well	$\parallel$ $<$ $>'$				
WATER USE	55-56		$\left\{ \left\{ \right\} \right\}$				
Domestic 2 Stock	5 Commercial 6 Municipal	9 Not use			-		
3 ☐ Irrigation 4 ☐ Industrial	7 ☐ Public supply 8 ☐ Cooling & air conditioning					11	
METHOD OF CONSTR	UCTION 57		1	_	Carlet F	1111	
Cable tool  2	<ul> <li><sup>5</sup> ☐ Air percussion</li> <li><sup>6</sup> ☐ Boring</li> </ul>	9 ☐ Driving  10 ☐ Digging		<b>V</b>	料工	^^	
3 ☐ Rotery (reverse) 4 ☐ Rotary (air)	<ul><li>7 ☐ Diamond</li><li>8 ☐ Jetting</li></ul>	11 Other			, ,	-234	543

2 - MINISTRY OF THE ENVIRONMENT COPY

0506 (07/00) Front Form 9

FEB 0 7 2003

CSS.ES3

Contractor 4 5 5

MINISTRY USE ONLY

Date of inspection

#### The Ontario Water Resources Act **WATER WELL RECORD**

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Mark correct box with a checkmark, where applicable.

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Municipality 450111	Con.	1 1 3	08
	[-10]		

County or District	numberland	Township/Borough/City/	Town/Village	•		ck tract survey	, etc. Lo	ot 15 25-27
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	714 11 17 A WAY 10A	Address RR #	1. Ca	ampbell OA 180	<del></del>	Date completed	18,, 03	nonth year
21	M	Northing	1<	RC Elevation	RC Basin Coo		iii	iv i
1 2	10' 1.	F OVERBURDEN AND BEDR	OCK MAT	ERIALS (see i	nstructions)			47
General colour	Most common material	Other materials			General description		Dept From	h - feet To
				Too S	201	,	. 0	1
BROWN	SAND			Fine				8
WHITE	CLAY	BOULDERS	<u> </u>				8	31
BROWN	GRAVEL			Coars	5e	•	31	42
						· · · · · · · · · · · · · · · · · · ·		
						~		
						-		
31   , , ,			11	<u>.                                    </u>			<u> </u>	
32	155 21		عبيا ك		]			75 80
	R RECORD 51	CASING & OPEN HOLE F	RECORD Depth -	feet	Sizes of opening	31-33 Diameter	34-38 Leng	
at - feet ///	Kind of water diam inches	Material thickness inches	From	To Solution 13-16	Material and type		Depth at top	of screen 30
38-42 2E	Salty 6 Gas	2 Galvanized 3 Concrete	0	42 6				feet
	Fresh	4 ☐ Open noie 5 ☐ Plastic		20-23		G & SEALING		
	Fresh 3  Sulphur 24  Sulphur 2	1  Steel 2  Galvanized 3  Concrete			☐ Annular space	terial and type (Ce	Abandonrr	
	Fresh 3 Sulphur 29	4  Open hole 5  Plastic  1  Steel		27-30	From To 10-13 2 14-17 H	ole Pluc	a Gra	out
20.22	Salty 6   Gas   24-25     Fresh   3   Sulphur   34   60     Fresh   4   Minerals   60	2 Galvanized 3 Concrete			18-21 22-25 26-29 30-33 80		<i></i>	
2	Salty 6 Gas	4 ☐ Open hole 5 ☐ Plastic			35 35 65			
71 Pumping test m		0 1540 - 4740			LOCATION O			
i. I Static level i	na or pumping	¹ □ Pumping 2 □ Recovery		In diagram be Indicate north	low show distances by arrow.	of well from re	oad and lot	t line.
19-21 12 feet If flowing give ra	36 tool 36 tool (2 to	31 45 minutes 32-34 60 minutes 35-37					. 15	
If flowing give ra	20.41	eet feet feet teet Water at end of test 42			ć	HRAEN	Hill	34
Recommended p	ump type Recommended 43	eet Cloudy  Recommended 46-49			***************************************	(		45711-
☐ Shallow	№ Deep pump setting 38 fe	pump rate 5 GPM						,,,,,,,
FINAL STATUS	S OF WELL 54					10-	<b>Q</b> )	:
¹ M Water sup ² ☐ Observatio ³ ☐ Test hole	ply 5 ☐ Abandoned, insufficient on well 6 ☐ Abandoned, poor qualit 7 ☐ Abandoned (Other)					õ		
<sup>4</sup> □ Recharge								
WATER USE  1 △ Domestic 2 □ Stock	55-56 5	9				1701	touse Road	-40
3 ☐ Irrigation 4 ☐ Industrial	7 Dublic supply 8 Cooling & air conditioni					To	Road	- 61
	CONSTRUCTION 57				Λ	1		
Cable tool Cable tool Rotary (co	nventional) <sup>6</sup> Doring	9 ☐ Driving 10 ☐ Digging 11 ☐ Other			/ }	<b>.</b> 		
4 ☐ Rotary (air		_ Outer				·-	250	9/0
Name of Well Contra	1 1 1 1	Well Contractor's Licence No.	Data source	,	Contractor	59-62 Date rece		63-68 80
KOBERT F	KUTH WELLDRILLING A		Date	of inspection	4 6 3 5	AUG	082	UUS
832 Wils	on line Cavan O	N. LOAICO Well Technician's Ligence No.	Rema	arks				
Robert &	WHL SR	T291	Date Remai	~				
Signature of Technic	cian Contractor	Submission date day 0.5 mo 0.4 yr 0.3	Z		No.			
2 - MINIS	TRY OF THE ENVIRONM					rik.	0506 (07/00	) Front Form 9

	Ministry of the Environment	Well Tag	and or and or	int number below)	Regulation 903 Onta		Record
Instructions for Completin		AC	1516	+	Regulation 903 Onta		of
For use in the Province     All Sections must be con	of Ontario only. This						f this form
Questions regarding com     All metre measurement	pleting this application	on can be directed	to the Water	Well Managen	nent Coordinator at 416-2	35-6203.	Tulis loiti.
Please print clearly in blu     Well Owner's Information	e or black ink only.		MUN 4	S/)   co	Ministry Use Only	LOT	1
Northumbo	rland		Ho	ne.	15	$\mathcal{Z}$	
RR#/Street Number/Name	c5.		City/Town/V	illage CCD Hi	Site/Compartmen	t/Block/Tract e	tc.
GPS Reading NAD Zon	1 708188	Northing 4802333	Unit Make/M		of Operation: Undifferential Undifferentiate	L	raged
Log of Overburden and Be General Colour Most common	<u>`</u>	ee instructions) Other Materials		Genera	I Description	Depth	Metres
Brown Top 5	oi) 5	Sand		_5	of+	From	6
Brown Clay		and		Pa	cked	190	29
Grey Grave	· (	2104		Lo	175C	51	57
Brown Coarse	Water G	ravel & So	rd	La	5C	57	58
						-	
Hole Diameter		Construction Re	ord		Test of W		
Depth Metres Diameter From To Centimetres	Inside diam Materi	al Wall thickness	Depth	Motree	Time	Nater Level Time	
0 20 8"	centimetres	centimetres	From	То	Pump intake set at - Static (metres) Level	Metres min	Metres I
0 58 614"	Carrier Carrier	ibreglass		<b>-</b> 0	Pumping rate - 1 (litres/min)	9" 1	9'
Water Record	614 Plastic Galvanized	*100	0	58	Duration of pumping 2	O' 2	8'
Water found   Kind of Water at Metres   Fresh Sulphur	Steel F	-			Final water level end of pumping	10′ 3	8
Gas Salty Minerals Other:	Galvanized			and a later later with the second sec	Recommended pump 4 type.	4	
m Fresh Sulphur Gas Salty Minerals Other:	Plastic Galvanized	1			Recommended pump 5 depth 45 metres	5	
m Fresh Sulphur		Screen			Recommended pump 10 rate.	10	
Gas Salty Minerals Other:  After test of well yield, water was	Outside Steel I				(litres/min) 15 If flowing give rate - 20 (litres/min) 25	20	
Clear and sediment free  Other, specify	Galvanized	No Casing or So	reen		If pumping discontinued, give reason.	30	
Chlorinated Ses No	Open hole	No casing or co			50	50	\\ \
₽lugging and Se			Abandonment		Location of Wel	l	1.6
Depth set at - Metres   Material and type   From   To   Material and type   To   To   To   To   To   To   To   T		nent siurry) etc. (cui	me Placed pic metres)	In diagram below Indicate north by	show distances of well from roa arrow.	d, lot line, and b	uliding.
0 20 Ber	ntonite Slu	MIN &	) GITL				1//
					House		
					il U	C.R. #10,	
Mable Too Rotary	Method of Construction (air)	iamond	Digging		WRIGHT		
Rotary (conventional) Air perd	D	etting riving —	Other	•	CRES	PAND AVE	
<b>☑</b> Domestic ☐ Industri		ublic Supply	Other			4	
☐ Stock     ☐ Comme       ☐ Irrigation     ☐ Municip	oal C	ot used — ooling & air conditioning		Audit No. <b>Z</b>	15234 Date Well	Completed	MM 188
Water Supply Recharge w		nfinished Aban	doned, (Other)	Was the well ow package delivere	vner's information Date Deliv		
☐ Test Hole ☐ Abandoned,		eplacement well			Ministry Use Only	у	
		Well Contractor's	1	Data Source	Contracto	<u> </u>	7
Business Address (street name, num)	per city etc.)	ice on Ka	and	Date Received	2 2 2004	spection yyyy	MM DD
Name of Well Technician (last name, Signature of Jechnican/Copyractor	in ot riamo,	Well Technician	\$1	Remarks	Well Reco	4514	073
x Mark Kenn	<u> </u>	2004	Y MM 23	/ner's Copy 🗌	Cette formule	e est disponible	
0506E (09/03)	Contractor's Cop	Ју <u>Принизну в С</u> ор	Vell OW	Сору	Solio formula		33



Well Tag Number 015454

Well Record Regulation 903 Ontario Water Resources Act

Cette formule est disponible en français

page 1 of 2

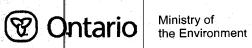
Instructions for Completing Form

A018491

For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference. All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.

Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203. All metre measurements shall be reported to 1/10th of a metre. Ministry Use Only Please print clearly in blue or black ink only. Concession Address of Well Location (County/District/Municipality) Township Lot Hope City/Town/Village 17 7 Site/Compartment/Block/Tract etc. Northumberland RR#/Street Number/Name Fire Hall/Library 3625 Ganaraska GPS Reading NAD Garden Hill Northing Mode of Operation: Unit Make/Model Undifferentiated Averaged Easting 8 3 Differentiated, specify 707649 4881227 Magellan Log of Overburden and Bedrock Materials (see instructions) General Description Other Materials Most common material Topsoil Black 0 4 Brown Silty Sand 2 some gravel 15 44 Brown Clay 25 Brown Gravel 42 25 Silty Sand Brown some gravel wet 52 Sandy Clay some gravel 59 52 Silty Clay some sand & gravel Grev water bearing 59 84 Grey Silty Sand some clay 98 Silty Clay Test of Well Yield Hole Diameter Construction Record Pumping test method Draw Down Recovery Depth Inside Time Water Level Time Water Leve From То thickness Pump Metres min min centimetre From То 201 0 15 Pump intake set at -(metres) 120ft Level
Pumping rate -Static 37. Casing 6 **"** 201 132 Inches 62.6 Fibreglas 10" (litros/min) 20g pm .250 +1} 20号 Plastic Concrete Duration of pumping 55.9 57,4 Water Record Galvanized 1 hrs + 15 mir Vater found / Kind of Wate Steel Fibreglass Final water level end 63.1 52.9 126 p 5 Fresh .188 +3 1263 of pumping 1 3 Plastic Concrete Sulphur Gast o Salty Mine Galvanized Recommended pump 49.9 67.3 untested Steel Fibreglass type.
Shallow Dee 130 p 5 Sulphur Fresh Plastic Concrete 70.3 5 47.5 Salty \_\_ Mine ∫Gas depth. 120 nfetres Galvanized Other: Recommended pump 42.1 . | m Screen 10 Fresh Sulphur (litres/min) Gas Salty Minerals Outside Steel Fibreglass Slot No. If flowing give rate -20 40.0 Other: 20 79. Plastic Concrete (litres/min) 25 25 **70 9** 30 **80:2** 25 25 **39.6** 30 **39.2** After test of well vield, water was 130} 6 # 1264 R Galvanized If pumping discontir ued, give reason. Clear and sediment free 40 **38.9**50 **38.8**60 **38.7** No Casing or Screen 40 80.6 Other, specify 50 **80** 60 **81** Open hole Chlorinated 🔀 Yes No 60 Annular space Abandonment **Location of Well** Plugging and Sealing Record In diagram below show distances of well from road, lot line, and building Material and type (bentonite slurry, neat cement slurry) etc. Indicate north by arrow 0 18 cement (15 3/4" hole) 201 18 bentonite slurry (15 3/4" hole) 201 bentonite slurry **Method of Construction** Diamond Digging Rotary (air) \_\_\_ Jetting 🗋 Air percussior Other Rotary (co Driving Rotary (reverse) Boring Water Use Domestic Industrial Public Supply Other Commercial Stock ■ Not used Cooling & air conditioning Audit No. Z Irrigation Municipal 2004 | 11 | 82 Final Status of Well Water Supply ММ Recharge well Unfinished Abandoned, (Other) package delivered? Dewatering
Replacement Abandoned, insufficient supply ] Observation well Test Hole Abandoned, poor quality Replacement w Ministry Use Only Well Contractor/Technician Information Data Source 2662 G. Hart & Sons Well Drilling Ltd
Business Addless (street name, humber, city etc.) 2662 Business Addless (street name, number, city etc.)
P.O. Box 850 Fenelon Falls Ontario KOM 1NO
| Well Technician's Licence Date of Inspection JAN Remarks Name of Well Technician (last name, first name) **Watson**, **Bryan** Well Record Numbe T-2441 echnician/Contractor MM DD

Contractor's Copy ☐ Ministry's Copy ☐ Well Owner's Copy ☐



Well Tag Number (Place sticker and print	number below)

Well Record
Regulation 903 Ontario Water Resources Act

Cette formule est disponible en français

Instructio	ne for C	ompleti	na Form		A01849	1				<b>.</b>	age _	<b>2</b> of <b>2</b>
• For us	e in the P	rovince	of Ontario	only. This docur	nent is a perr	manent <b>lega</b>	I document.	Please retain for futur	e refer	ence.		
All Sec     Ouesti	tions <b>mu</b>	<b>st</b> be co	mpleted in fi	ull to avoid delay application can	s in process be directed t	ing. Further i to the Water	instructions a Well Manad	nd explanations are ava ement Coordinator at	allable 0 416-23	on the ba 35-6203	CK OT	this form
<ul> <li>All me</li> </ul>	tre meas	uremer	nts shall be	reported to 1/10	0th of a metro	e	Ĭ	Ministry Use				
			ue or black i	ink only. tion of Well Inf	ormation	MUN		CON	TŤ	TIT	LOT	
			21111									
North	umber	land	•			Норе			17	7_		
RR#/Street I 3625	Number/Na Ganar		Rd			City/Town/V	illage n Hill	Site/Compa Fire H	artment/	/Block/Tra/ <b>Libr</b>	act etc	э. <b>7</b>
GPS Readir	g NA	D Z	one Easting		rthing 881227	Unit Make/M Mage 11	lodel Mo	tamani i	differentiat erentiated		Avera	aged
Log of Ov				iterials (see ins		MARCLI	. 4.11					:
General Colo	ur Mos	st commo	n material	Other M	1aterials		Gene	eral Description		Dep Fro		Metres To
Grey	Sil	,t	As Assault Control of the Control of				wet			98	<b>\$</b>	111
Grey	San			some si			water	bearing	<u> </u>	11 13		131
Grey	511	t Sam	RO	some cl	<b>8 y</b>						P.4.	134
				Marie Control of the	1							
			~rinish	ed Depth	130. 1It	. <del></del>						
							-					
						st med		and the same of th				
			1					To Too		ell Yield		
Depth	e Diamete Metres	<b>∍r</b> Diameter	Inside	Cor	struction Red	Depth	Metres	Pumping test method	T _	w Down		ecovery
From	To	Centimetre		Material	thickness	From	То		Time W	Vater Level Metres	Time min	Water Le
	1.22	v	Centimetres		Casing			Pump intake set at - (metres)	Static Level			
			_	Steel Fibreglas				Pumping rate - (litres/min)	1		1	
	ter Recor		-    :	Plastic Concrete			-	Duration of pumping	2	<del>.</del>	2	-
Water found at Metres		of Water		Steel Fibreglas	ss			hrs + mir	+			
m Gas	Fresh	Sulphur Mineral		Plastic Concrete	•		-	of pumpingmetres	3		3	
Other:	Coalty (			Galvanized Steel Fibreglas	SS			Recommended pump type.			4	
m Gas	Fresh Salty	Sulphur Mineral	4.4	Plastic Concrete				Shallow Deep Recommended pump			5	
Other:				Galvanized	Screen			depthmetres			10	
Gas	Fresh     Salty	Sulphur Mineral	s Outside	Steel Fibreglas				rate. (litres/min)	15		15	
Other: After test of v	vell vield, w	ater was	diam	Plastic Concrete	,	_		If flowing give rate - (litres/min)	20		20 25	
Clear and	sediment fr			Galvanized			-	If pumping discontinued, give reason.	30		30	
Other, sp					Casing or Sc	reen			50		50	
Chlorinated	Yes	No	<u> </u>	Open hole					60		60	
Depth set at	1.7.2		Sealing Reco		Volu	Abandonment ime Placed	In diagram be	Location low show distances of well f			and bu	ildina.
From	To	ateriai and i	type (bentonite si	lurry, neat cement slur	(cut	bic metres)	Indicate north					Ü
			Mothod of C	Construction							in d	
Cable Too	)	Rotar		Diamond		Digging						
Rotary (co	nventional) verse)	Air pe	ercussion a	☐ Jetting ☐ Driving	. : [	Other						
		(-1)		r Use								
Domestic Stock		☐ Indus	nercial	☐ Public Su ☐ Not used	· · · · · · · · · · · · · · · ·	Other	42-44-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4			<u> </u>		
☐ Irrigation		Munic		Cooling &	air conditioning	-	Audit No. Z	18682 <sup>Da</sup>	re vveli (	Completed YYY <b>2</b> (	 204	MM DI
Water Sup	1. , ==	Recharge	well d, insufficient su	Unfinished		doned, (Other)	Was the well package deliv	OWITE S II IIOITTIAUOI	ate Delive		YYY	MM DI
Observation Test Hole	4	Abandone	d, poor quality	Replacem	nent well		L passings are	Ministry Us	- Only			<u> </u>
Name of Well	Contractor	Well Co	ontractor/Tec	hnician Informat	<b>tion</b> Well Contractor's	s Licence No.	Data Source		ontractor		66	9:
		name hur	ell Dri	111ng Ltd	2662		Date Receive	d YYXY MM DD Da	ate of Insp		MYY MYY	MM DI
P.O. 1	30x 85	0 Fe	nelon F	'alls Onta	rio KOM	I 1NO	JAN	1 2 8 2005 <sub>1</sub>	<u> </u>	rd Number		
Name of Well	on or	yan	:		Well Technician'		Remarks	\vec{vv}	on recor	и мито <b>е</b> г		
Signature of	Technician/C	contractor and			Date Submitted YYY	YY MM DD	and a		i .			· · · · ·
0506E (09/03)			Cont	ractor's Copy 🔲	Ministry's Copy	y 🔲 Well Ow	ner's Copy	Cette I	formule	est dispo	nible	en frança

#### Well Tag Number (Place sticker and print number below) Ministry of **Ontario** the Environment A 015275 Instructions for Completing Form For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference. All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203. All metre measurements shall be reported to 1/10th of a metre. Please print clearly in blue or black ink only. R#/Street Number/Name OUNTY OF NORTHUMBERLAND PS Reading NAD Zene Easting Northing GPS Reading NAD 70pe Easting Northing 8 3 70 708 405 487086 Log of Overburden and Bedrock Materials (see instructions) Northing Unit Make Mo General Colour Most common material Other Materials General Description Sago orey Stones grey rown

**Construction Record** 

Wall

thickness

centimetres

Casing

Screen

Slot No.

18

No Casing or Screen

Annular space Abandonment

Depth

40.8

Volume Placed (cubic metres)

Digging
Other

Other

Abandoned, (Other

Submitted WY 03/14

Contractor's Copy Ministry's Copy Well Owner's Copy

40.8

42.0

Audit No.

Data Source

Hole Diameter

То

Water Record

Fresh

Salty

Fresh

Fresh

Salty

After test of well yield, water was

Clear and sediment free Other, specify

Chlorinated Yes

TRotary (conventional)

Rotary (reverse)

Domestic

Stock

irrigation

X.Water Supply

/ Kind of Water

20

Centime

15.9

Sulphur

Minerals

Sulphur

Mine

Sulphur

Minerals

Plugging and Sealing Record

Rotary (air)

☐ Industrial

Municipal

Recharge well

Observation well Abandoned, insufficient supply

Air percussion Boring

Commercial

Abandoned, poor quality

Depth set at - Metres | Material and type (bentonite slurry, neat cement slurry) etc.

diam

13.9

Outside

entimetres

X Steel Fibreglass

Plastic Concrete

Steel Fibreglass

Plastic Concrete

Steel Fibreglass

Plastic Concrete

Steel Fibreglass

Plastic Concrete

Galvanized

Galvanized

Open hole

Method of Construction

Water Use

Final Status of Well

Diamond

Public Supply

Cooling & air conditioning

☐ Not used

Unfinished

Dewatering
Replacement well

☐ Jetting

Galvanized

Galvanized

From

Vater found Metre

\_\_\_\_ m Gas

Other:

. . \_\_\_\_ m

Gas

Other:

Gas

Other:

. \_ m

Well Record Regulation 903 Ontario Water Resources page 🗹 of Ministry Use Only Township

HOPE TOWNSHIP

CONC, /

City/Town/Village

Site/Compartment/Block/Tract etc.

SARDEN HLL

PLAN RP9M 732 S.17 38

Unit Waite/Model Mode of Operation: Mundifferentiated Averaged

Differentiated, specify 3048 **Test of Well Yield** Draw Down Recovery Pumping test method Time Water Level Time Water Leve min Metres Metres min Pump intake set at - (metres) 31-6 Static 2.4 .evel 398 Pumping rate (litres/min) 189 Duration of pumping \_\_\_\_hrs +\_\_\_\_ mir 3.6 Final water level end of pump**55.0** metres Recommended pump 24.0 type.

| Shallow | Deep
| Recommended pump
| depth. | Shallow | Deep 19.0 Recommended pump rate. (litres/min)
If flowing give rate -10.9 14.0 15 15 20 13.8 20 25 20.1 30 26.2 40 32.3 50 10.2 (litres/min) If pumping discontinued, give reason. 30 10 40 10 50 8 60 7 50 110,2 60 40,2 Location of Well In diagram below show distances of well from road, lot line, and building. CIRCLE Was the well owner's in formation Yes No package delivered? Ministry Use Only Date of Inspection YYYY MM Remarks 1 8 2005 Well Record Numbe

Cette formule est disponible en français

<b>⊗</b> C	ntari	0	Ministry of the Environment	Well Tag N		The same of the	int number below)	Regulation 903 Ontar	Well Record
Instructio	ns for Con	nple	ting Form		<u>AQ</u>	<del>2413</del>	38		page of
• For use	e in the Pro	vinc	e of Ontario only. This	s document is	a perma	nent lega	I document. Pl	ease retain for future refer	ence.
Questi	ıpns regardı	ng qo	ompleting this applicati	on can be dire	ected to f	i. Further the Water	instructions and Well Managen	d explanations are available onent Coordinator at 416-23	on the back of this form. 35-6203.
• Please	print clearl	y in t	nts shall be reported blue or black ink only.	to 1/10 <sup>ee</sup> of a	metre.			Ministry Use Only	
Well Own	er's Inform	natio	n and Location of V	Vell Informat	ion	MUN	co	N	LOT
	NON	1	imperia	$\sim$		1-17	200	110	<u> </u>
RR#/Street	umber/Nam	₽	II St. N	RR#1	C	ty/Town/Vi	llage	Site/Compartment/	/Block/Tract etc.
GPS Readin	NAD 8:3	1	one Easting	Northips (	664 U	nit Make/M	odel Mode	of Operation: Undifferential	
Log of Ov		and l	Bedrock Materials (			Nag	elan	Differentiated	, specify
General Color		_	on material	Other Materials			General	Description	Depth Metres 1
DK.Bro	1 /	7	501				50	<del>F+</del>	0 1
Grey Grey		10k	a+Clay Bravel				Pac	Ked	1 10
Grev			0.4				De	ckia	23 135
Grey	Gra	Ve	1+ Sand	Clay			1-00	05e	135 136
Grey	<u> </u>	me	store				Ha	rd	136 137
		-							
Hole Depth	Diameter	mete		Construction	on Recor	d	:	Test of We	
From	Prediction . Die	timetre		احت	/all kness	Depth	Metres +1	Time W	/ Down Recovery /ater Level Time Water Level
0	20 E		centimetres		metres	From	То	Duman Intelle and at	Metrest min Metrest
. 0	37 6	14	V Steel ☐	Fibreglass				Pumping rate - 1	35 2" 1 83 8"
Wat	er Record		- Galvanized		88	0	136	(litres/min) 3 GPM	68 2 821"
Water found 1 at 2 Metres	Kind of V	Vater	7	Fibreglass				2 hrs +25 min	
Gas		Sulphu (lineral						of pumping metres	3 814
Other:	<u> </u>		Steel Steel	Fibreglass				Recommended pump 4 5 type. Shallow Deep	97 4 80.9
Gas Other:		Sulphu Iineral	Disatio		A. Carlon			Recommended pump 5 depth. 127 metres	10'2' 5 & 3"
Dulei. —	Fresh S	Sulphu		Scr	een			Recommended pump 10 L	91 10 77'51
Gas Cother:	Salty N	/lineral	_ diam _ Steel _	- 1	t No.			If flowing give rate - 20	8'2 15 74'9" 1'4 20 72'2"
After test of w	ell yield, water sediment free	was	Plastic Galvanized					(litres/min) 25 t	54' 25 67'7"
Other, spe				No Casing	or Scree	n	<u> </u>	Lued, give reason.	56 1 30 63 6 58 6 40 60
Chlorinated [	Yes 🗆 N	ю	open hole	,		136	137		ol'5" 50 56'2" 33'3' 60 53'
	Plugging	and S		Annular space		ndonment		Location of Well	
110,11	<u> </u>		type (bentonite slurry, neat cer		Volume (cubic n	netres)	In diagram below Indicate north by	show distances of well from road, arrow.	lot line, and building.
0 6	JO! K	50	ntonito 3	lurry	23	GAY	.46/	House -	Lorling /
		_	1	-			ELAGIS	45'	Was L /N
							不	~~~~ xxxx	, T
			Method of Construction	on				Milst N.	
Cable Tool		: 1	y (air)	iamond		Pigging	~~		
Rotary (con		Air po   Borin		etting riving		other			0 1
Domestic		Indus	Water Use	ublic Supply	По	)ther		CR#90	GARDENHILL
Stock		! I	mercial N	ot used ooling & air condit			Audit No.	Date Well C	Completed
			Final Status of Well			. (2)		2485/	300000000000000000000000000000000000000
Water Supplement Observation	well 🗌 Aba		ed, insufficient supply 🔲 D	ewatering	Abandone	ed, (Other)	Was the well own package delivered	nor o im <u>orriga</u> dori	
Test Høle	W		d, poor quality Rontractor/Technician In					Ministry Use Only	
Name of Well (	ontractor		Well Drilli	411	ractor's Lice	ence No.	Data Source	Contractor	2007
Business Addr		ie nu	mber_city_etc.)	remee,	スシュ	3/2/20	Date Received	YYYY MM DD Date of Insp	
F-1	echnician (las		e, first name)	Well Tech	nician's Lic	ence No.	Remarks	Well Record	l Number
Signature of T	chnician/Conti	ractor	<del></del>	Date Submi	itted yyyy	03 C8			
0506E (09/03)	nl Len		Contractor's Co	py	's Copy 🕎	Well Ow	ner's Copy 🗌	Cette formule	est disponible en français

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Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

0506 (07/94) Front Form 9

ounty or District	RLAND		Township/E	orough/City/To E	wn/Village			Con block	tract survey	, etc. Lot	16
wner's surname	28-47 First n	ame	Address	TORIA ST	רקקסי	NORTH F	PORT HOPE	7	Date completed	31	onth ye
	<sub>U.</sub> Zone	Easting	7 710	Northing		RC Eleva		Basin Code	ii.	tray iii	iv
2	I	LOG OF OV	FRRURDEN	I AND BEDE	OCK MA	TERIALS (	see instruction	ons)		<u> </u>	
eneral colour	Most common material			er materials		(		description		From	pth – fee To
BROWN	CLAY			STON	rs		MEDI	JM		0	1.36
GREY	CLAY						SO	T		26	128
BROWN	SAND		G	RAVEL			FI	NE		128	134
Vater found t – feet	ISURBUT 15	51 Inside diam inches	Material	OPEN HOLE Wall thickness inches		- feet To	Sizes of c (Siot No.)	10	31-33 Diameter 6	34-38 Leninches Depth at top	4 of scree
	Fresh 3  Sulphur 14  Minerals Salty 6  Gas	10-11 1 2	Concrete	400		13-16	STA	INLESS	STEEL	13	41-4
2 🗆		5 🗆	Open hole Plastic	.188	9	130	61	PLUGGIN Annular space	IG & SEALI	G RECO	
20-23 1 <b>X</b> 1 <b>X</b> 2	Fresh 3 Sulphur 24 Salty 6 Gas	2 E		SCREEN	130	134	Depth set at	feet	erial and type (C		
25-28 1	Fresh 3 Sulphur 29	5 -	Plastic  Steel 26			27 30	8 10-13	21 1	BENSEAL	GROUT	
30 · 33 1	Fresh 3 Sulphur 34 60 Satty 6 Gas	3 4	Galvanized Concrete Open hole Plastic				18-21 26-29	30-33 80			
Pumping test me	ethod 10 Pumping rate	GPM D	uration of pump	ing 				CATION O			C
W.	ater level 25 Water levels	during , 🗆 Pı	umping :	Recovery		In diagran Indicate n	n below show orth by arrow	distances	or well from re	oad and ioi	iii ic.
19-21	22-24 15 minutes 3 128 97	0 minutes 4	5 minutes 49	60 minutes 35-37		i				4	-
feet If flowing give ra	te 38-41 Pump intake set	feet	feet Vater at end of to	est 42				CROS		•	
Recommended	GPM 128 pump type Recommended pump setting	l n	Clear Recommended ump rate	☐ Cloudy 46-49		470	<u> </u>	7	·		_
☐ Shallow	☐ Deep	128 <sub>feet</sub>		3 <sub>GPM</sub>	mill	117	FAROED	HILL		cro	0
INAL STATUS		insufficient supr	ply 9 🗌 Unfini	shed	SIRE	6					
Water sup Description Test hole	on well 6 Abandoned	, poor quality (Other)	10 ☐ Repla	cement well			8				
4 Recharge	well 8 Dewatering			<del></del> ~		1	1	8			
ATER USE  , X Domestic  2  Stock  3  Irrigation  4  Industrial	5 Commercia 6 Municipal 7 Public supp	ılv	9 ☐ Notus 10 ☐ Other	sed		44	A Long		\$**	· · · · · • • • • • • • • • • • • • • •	
METHOD OF C	ONSTRUCTION 57				1	ı					
Cable too Cable too Rotary (or Rotary (a	everse) 7 📙 Diamond	ion	9 Drivir 10 Diggii 11 Other						1	736	26
Name of Well Contr				tor's Licence No		ita jurce	58 Contraccto	$\Omega A$	59-62 Date re		1997
FAULKNER	WELL DRILLING	CO LTD	21	04		ate of inspectio		Inspector	HU	· · · · ·	_ <b>33</b> /

2-MINISTRY OF ENVIRONMENT & ENERGY COPY

C33.58

6 (07/94) Front Form 9

Ontario Print only in spaces provided. 4511397 45011 CON Mark correct box with a checkmark, where applicable. 11 "LOT 35 Con block tract survey, Township/Borough/City/Town/Village 17 7 HOPE Address Date 98completed # 1, CAMPBELLCROFT, ONT. R.R. Basin Code <u>i | L</u> LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) Depth - feet Other materials Most common material To General colour From 126 EXISTING WELL 132 126 CLAY SAND GREY 133 132 SAND **GRAVEL** GREY 31 11 15 21 32 65 75 **CASING & OPEN HOLE RECORD** Sizes of opening (Slot No.) WATER RECORD Inside diam inches SCREEN Wall thickness inches feet Water found Material Kind of water То Depth at top of screen Material and type ☐ Sulphur ☐ Minerals ☐ Gas ¹ [X Fresh 2 ] Salty Steel
Galvanized
Concrete 3 Concrete
4 Open hole
5 Plastic Sulphur Minerals Gas ¹ ☐ Fresh .188 133 **PLUGGING & SEALING RECORD** 2 🗌 Salty Steel 19 Galvanized Concrete Open hole Plastic ☐ Abandonment ☐ Annular ☐ Sulphur ☐ Minerals ☐ Gas ¹ 🗆 Fresh Depth set at - feet <sup>2</sup> Salty To ☐ Sulphur ☐ Minerals ☐ Gas 25-28 ¹ ☐ Fresh Minerals Gas Steel

Galvanized

Concrete

Copen hole

Plastic existing 2 🗌 Salty 22-25 Sulphur Minerals Gas ¹ □ Fresh <sup>2</sup> 

Salty Duration of pumping ....3.... Hours ... **LOCATION OF WELL** Pumping test method Pumping rate 25 GPM ☐ Pump <sup>2</sup> X Bailer In diagram below show distances of well from road and lot line. Indicate north by arrow. 1 🗆 Pumping Water levels during Static level end of pumping 60 minutes 35-3 15 minutes 28-28 19-21 22-24 PUMPING TEST 3 3 3 0 feet feet CR09 Pump intake set at Water at end of test If flowing give rate 90 Recommended Clear Recommended ☐ Cloudy GPM Recommended pump type pump rate Z Deep 69 20 ☐ Shallow **GPM** CRP FINAL STATUS OF WELL Water supply
Observation well
Test hole -)0 3 ☐ Test hole 4 ☐ Recharge well 55-56 WATER USE <u>28</u> LA ROSE 9 🗌 Not used Domestic Stock CIRCLE 10 [] Other ... ☐ Irrigation
☐ Industrial METHOD OF CONSTRUCTION 5 Air percussion
6 Boring
7 Diamond
B Jetting 9 | Driving Digging
Other... 186955 Date received Well Contractor's Licence No Name of Well Contractor ONLY APR 28 2104 FAULKNER WELL DRILLING CO. LTD Date of inspection USE 789 ERSKINE AVENUE PETERBOROUGH, ONT. MINISTRY chnician's Licence No

2 - MINISTER OF ENVIRONMENT & ENERGY COPY

SCORT MILLER

T 2338

m4

<sub>4</sub>2,3

completed 8



Print only in spaces provided. Mark correct box with a checkmark, where applicable.

11	4511424	Municipalit 450	y   <u>    j</u>
/Borough/City	/Town/Village	Con - block	tract
			Date

RRE CAMPBELLCROFT, ONT.

1 2	M - 10 12	OVERBURDEN AND BEDROCK N	ATERIAI S (see instructions)		
	LOG OF	OAFKROKDEN WAD BEDLOCK I		De	epth - fee
eneral colour	Most common material	Other materials	General description	From	То
			TOP SOIL	0	2
	AT AY	STONES		2	16
GREY	CLAY	DIGHT		16	28
WHITE	CLAY			28	42
WHITE	CLAY	SAND	FINE		
BROWN	SAND		COARSE	42	46
DRUMM	Date				
					1
					_
i					

Township

	10	14, 15	21				
41 WATER RECORD							
Water	found et	Kind	l of water				
ų	6	₁  Fresh 2  □ Salty	3 Sulphur 14 4 Minerals 6 Gas				
<i>/</i> *	15-18	□ Fresh □ Salty	Sulphur 19 Minerals Gas				
	20-23	ı ☐ Fresh	3 Sulphur 24 4 Minerals 6 Gas				
	25-28	1   Fresh 2   Salty	3 Sulphur 29 4 Minerals 6 Gas				
	30 - 33	1 ☐ Fresh	3 ☐ Sulphur 34 4 ☐ Minerals 6 ☐ Gas				

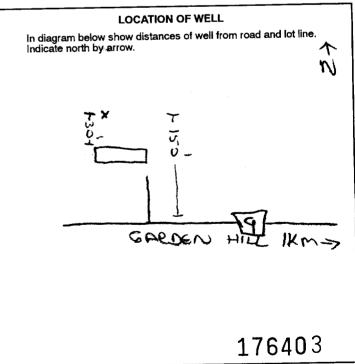
	31	, , ' ,   <u>, , , ,                      </u>	-	للللل	ــــــــــــــــــــــــــــــــــــــ	<u>-                                    </u>		_ !!					
	32			!			تتنيا ل		لنـــــــــــــــــــــــــــــــــــــ	54	<u> </u>	65	75 80
<u> </u>	10	14, 15 21			CASING &	OPEN HOL	F RECOR	D		Sizes of opening	31-33	Diameter	34-38 Length 39-40
L	41	WATER RECORD	ŀ	51 Inside	CASING	Wall		- feet	lz	(Slot No.)		۲.	ches 7*6" feet
	Water found at - feet	Kind of water		diam inches	Material	thickness inches	From	То	CREEN	Material and type		_	Depth at top of screen 30
	46	1 Fresh 3 ☐ Sulphur 14 2 ☐ Salty 6 ☐ Gas		10-11	Steel 12 Galvanized Concrete	7.00		13-16	S	STAINLES	s st	REL	381611 feet
1	15-18	ı ☐ Fresh <sup>3</sup> ☐ Sulphur <sup>19</sup> 2 ☐ Salty <sub>6</sub> ☐ Gas		64	4 ☐ Open hole 5 ☐ Plastic	188	0	46	61				G RECORD
L				1718	, ☐ Steel 19			20.73	1 📖	☐ Annular s	pace		Abandonment
١	20-23	ı ☐ Fresh 3 ☐ Sulphur 24 ☐ Minerals			2 ☐ Galvanized 3 ☐ Concrete				De	pth set at - feet	Material ar	nd tune (Cer	ment grout, bentonite, etc.)
ı		2 □ Salty 6 □ Gas			□ Open hole		Į			rom lo	Material	id type (Ooi	non group -
ł	25 - 28	; ☐ Fresh ; ☐ Sulphur 29			5 ☐ Plastic				16	184-17	BEN	SEAL	GROUT
1		2 ☐ Salty 4 ☐ Minerals ☐ Gas		24-25	1 ☐ Steel 26 2 ☐ Galvanized			27:30		18-21 22-25			
	30 – 33	1 Fresh 3 Sulphur 34 2 Salty 6 Gas	60	,	Goncrete Goncrete Goncrete Goncrete Goncrete Goncrete Goncrete Goncrete Goncrete Goncrete Goncrete Goncrete					26-29 30-33	80		

	54			65				
		of opening	31-33	Diameter	34-38	Length		39-40
EN	(Slot N	12		6	inches	7*6	**	eet
SCREEN		al and type INLES	s si	PEL		at top of s	creen 41-44 feet	30
61		PLUG	GING 8	k SEALII				
		☐ Annular	space		☐ Aba	ndonment		
De	epth set	at - feet	B.dAssisla	and type (C	ement a	rout hento	vnite :	etc.
_		7.	material	ario type (C	ement 9	rout, bente		

71	Pumping test	method 10 2 Bailer	Pumpingrate	II-14 GPM	Duration of pump	
	Static level	Water level end of pumping	25 Water level	s during 1 🛚	Pumping	₂ <b>¥</b> Recovery
TEST	18	41	15 minutes 18 <sup>26-28</sup>	30 minutes 18 <sup>29-31</sup>	45 minutes 16 32-34	60 minutes 18 35-37
	feet	feet	feet	feet	feet	feet
2	If flowing giv	e rate 38-41	Pump intake s	et at	Water at end of t	est 42
₫	غير ا	GPM.		feet	III Clear	☐ Cloudy
PUMPING		led pump type	Recommended 43-45 pump setting		Recommended pump rate	46-49
ı	☐ Shallov	v 🍒 Deep		feet		GPM_

71	1 ☐ Pump	<sub>2</sub> Bailer	•	GPM	A Hours	Mins				
	Static level	Water level end of pumping	25 Water leve	ls during 1 🗆	Pumping	Recovery				
<u>اج</u>	19 21	22-24	15 minutes 26-28	30 minutes	45 minutes	60 minutes 35-37				
TEST	18	41	10	TO	10	18 35-37				
	feet	feet	feet	feet	feet	feet				
ĮŽ.	If flowing giv	e rate 3a-41	Pump intake s	et at	Water at end of to					
臣	محر ا	GPM.		) feet	III Clear	☐ Cloudy				
PUMPING	Recommend	led pump type	Recommende pump setting	d 43-45	Recommended pump rate	46-49   <b>L</b>				
	☐ Shallow	Deep		feet		GPM_				
١	50-53									
FI	FINAL STATUS OF WELL    Water supply   5									

Recommended pump type Shellow Deep Shellow D	
Shallow Deep feet    Shallow Deep   Feet	46-4
FINAL STATUS OF WELL    Water supply     Abandoned, insufficient supply     Unfinished	GPN
Water supply   S   Abandoned, insumicient supply 9   Online instead   Observation well   S   Abandoned, poor quality   D   Replacement	
Domestic 5 Commercial 9 Not used	weil
2 Stock 6 Municipal 10 Uniter	
METHOD OF CONSTRUCTION 57	



Name of Well Contractor  ROBERT RUTH WELLDRILLING	Well Contractor's Licence No. LTD- 4635
Address RR#2 CAVAN, ONTARIO. LOA	ICO
Name of Well Technician	Well Technician's Licence No.
Signature of Technician) Contractor	Submission date

ONLY	Data 58 source	4635	59-62 Date received	3	1998	80
USE 0	Date of inspection	Inspector				
MINISTRYU	Remarks				4	
Z			ess.	55	<u> </u>	
			0506	(07/9	4) Front Forr	m 9

Print only in spaces provided. 4511443 11 45011 CON Mark correct box with a checkmark, where applicable. Con block tract survey, etc. Township/Borough/City/Town/Village Address month completed 24 LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) Depth - feet General description Other materials From Most common material General colour WELL 0-86 0-7 Phone-no, CKM 8 61. 32 يا لىلىلىر Sizes of opening (Slot No.) **CASING & OPEN HOLE RECORD** WATER RECORD Inside diam inches Wall thickness inches inches Water found at - feet Kind of water To Depth at top of screen 30 Material and type 1 Fresh 3 Sulphur
2 Salty 6 Gas 3610,11 Steel

Galvanized
Concrete
Copen hole
Plastic 13/16/ ☐ Sulphur ☐ Minerals ☐ Gas ¹ ☐ Fresh **PLUGGING & SEALING RECORD** 2 🗌 Salty Steel

Galvanized

Concrete

Open hole

Plastic ☐ Abandonment Annular space ☐ Sulphur ☐ Minerals ☐ Gas ¹ ☐ Fresh Depth set at - feet 2 🗌 Salty ☐ Sulphur ☐ Minerals ☐ Gas ¹ ☐ Fresh 00000 Steel 22-25 2 Salty Galvanized Concrete Sulphur Minerals Gas ¹ □ Fresh Open hole Plastic 2 | Salty Duration of pumping **LOCATION OF WELL** Pumping test method Pumping rate ☐ Pump <sup>2</sup> ABaile **GPM** In diagram below show distances of well from road and lot line. Indicate north by arrow. Water level Water levels during end of pumping 15 minutes 30 minutes 0 - 8 0 - 7 - 7 0 / 60 minutes 0 - 3 0-7-6, feet feet feet feet Water at end of test If flowing give rate 0 - 7-64 💪 Clear □ Cloudy GPM Recommended pump setting 43-45 Recommended Recommended pump type ☐ Deep **GPM** feet FINAL STATUS OF WELL □ Abandoned, insufficient supply □ Unfinished
□ Abandoned, poor quality □ Replacement well
□ Abandoned (Other)
□ Dewatering 55-56 WATER USE County 9 | Not used 1 Domestic
2 Stock
3 Irrigation □ Industrial Gardin Hill METHOD OF CONSTRUCTION DAT 187674 Well Contractor's Licence No ONLY Name of Well Contracto MAY 0 5 1998 74 Date of inspection USE L166#1 MINISTRY

Print only in spaces provided. 4511569 Mark correct box with a checkmark, where applicable. 45011 11 CON 07 wnship/Borough/City/Town/Village block tract survey, etc. County or District ISEIL HOOF KIORHUMBERLAND Address Date 08 26 1.1 LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) Depth - feet General description Other materials General colour Most common material From 2 SOFT Soil BRN 128 SOF7 SAND GRAUEL 128 138 MESTONE 21 32 32 43 54 54 54 55 55 65 775 80 32 CASING & OPEN HOLE RECORD Sizes of opening (Slot No.) 51 WATER RECORD Inside diam Wall thickness Water found at – feet Kind of water То inche Depth at top of screen 30 Material and type ☐ Sulphur ☐ Minerals ☐ Gas Fresh Steel

Galvanized

Concrete

Open hole

Plastic 138 0 <sup>2</sup> ☐ Salty 6 188 1000 Sulphur Minerals Gas ¹ ☐ Fresh **PLUGGING & SEALING RECORD** 2 🗌 Salty Steel

Galvanized

Concrete

Open hole

Plastic 3 Sulphur
4 Minerals
6 Gas ☐ Abandonment Annular space ¹ ☐ Fresh ≥ ☐ Saltv Material and type (Cement grout, bentonite, etc.) То Fresh 3
2 Salty 6 ☐ Sulphur ☐ Minerals ☐ Gas BENTONITE Steel

Galvanized
Concrete
Copen hole
Plastic 27-30 ¹ ☐ Fresh ³
² ☐ Salty 6 Sulphur Minerals Duration of pumping 17-18
Hours Mins Pumping test method LOT # 15 (SOB). LOCATION OF WELL
In diagram below show distances of well from road and lot line.
Indicate north by arrow. GPM ☐ Pump <sup>2</sup> K Bailer Static level Water levels during 1 🗌 Pumping <sup>2</sup> Recovery 30 minutes 29-31 19-21 15 minutes 26-28 22-24 PUMPING TEST /00 feet feet Pump intake set at K Cloudy GPM ☐ Clear Recommended pump rate ☐ Shallow 🔏 Deep /00 feet GPM B ☐ Dewatering GARDEN 55-56 WATER USE t Domestic
Domestic
Industrial □ Not used CTY RD 9 10 ☐ Other <u>니노</u> METHOD OF CONSTRUCTION Cable tool 5 Air percussion
Rotary (conventional) 6 Boring
Rotary (reverse) 7 Diamond
Rotary (air) 8 DIATE Driving

Digging

Other ... LAROS 193250 sep 17 1998 ONLY source Date of inspection MINISTRY USE CSS. 0506 (07/94) Front Form 9

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Mark correct box with a checkmark, where applicable.

4511652

Municipality	Con.	
45011	CON	07
10 14	15	22 23 24

0506 (07/94) Front Form 9

County or Distric			Township/Borough/City/Town/Village					tract surve	y, etc. Lo		
NOKT HUN	nBERLAND	Address	<b>,</b>					7 Date	- 1	/5	
		Box	276 Po	to Hope	ONT BC Elem	<i>L   A - 3</i> ation RC	<b>⊌ ¥</b> Basin Code	completed	26 g	onth year	
21	т М 10	12 17	Notening 18	24	25 26	ation RC	Basin Code			iv 1	
	LO	G OF OVERBURD	EN AND BE	DROCK MA	TERIALS	(see instructi	ons)				
General colour	Most common material	C	Other materials			General	description		From	pth – feet To	
					TOP	SOIL			0	1	
Beow	CLAY	SAND								18	
GREY	CLAY	SAND			<u> </u>		,		18	138	
GREY	GRAVEL								138	140	
GREY	LIMESTONE								140		
								****			
31			11111	ــــا لـــــا				ـــا لــا	1111	ا لىك	
32	14 15 21	32		43		54		65		75 80	
Water found	XTER RECORD 51 Insi	ie	Wall	E RECORE Depth -		Sizes of op (Slot No.)	ening 3	1-33 Diameter	34-38 Lengt		
at – feet	Fresh <sup>3</sup> Sulphur <sup>14</sup> inch		thickness inches	From	To 13-16	Material an	d type	i	Depth at top	feet of screen 30	
	Salty 6 Gas  Fresh 3 Sulphur 19	Columniand	.188	6	140	Š				feet	
1.0	☐ Salty 6 ☐ Gas	5 ☐ Plastic			20-23	61	PLÚGGIN	G & SEALIN	G RECOR	D	
20-23 1 [ 2 [	☐ Fresh <sup>3</sup> ☐ Sulphur <sup>24</sup> ☐ Minerals ☐ Gas	2 Galvanized 3 Concrete				Depth set at -			Abandonm		
25-28 1 5	☐ Fresh <sup>3</sup> ☐ Sulphur <sup>29</sup>	4 ☐ Open hole 5 ☐ Plastic				From 10-13	14-17	ol E - Pl		ntonite, etc.)	
	Salty 6 Gas 2  Fresh 3 Sulphur 34 60	1 ☐ Steel 28 2 ☐ Galvanized 3 ☐ Concrete			27-30	0,8-21	9 H	<u> </u>			
5 [	☐ Salty 6 ☐ Gas	4  Open hole 5  Plastic				26-29	30-33 80				
71 Pumping test n		Duration of pump		1		1.00	ATION OF	WELL			
1 □ Pump 2	Water level 25		A. Mins Recovery		In diagram	below show d			ad and lot li	ne.	
1	end of pumping water levels during  22-24 15 minutes 30 minu 28-28	tes 45 minutes	60 minutes		Indicate no	orth by arrow.					
If flowing give r	135 teet 100 teet 135	5   135   135   12-34   135   12-34	135 135-37 feet	.	1				B · U	FIL	
If flowing give r		Water at end of to		]  ,	J			ſ	18 - O		
	I pump type Recommended pump setting	43-45 Recommended pump rate	46-49	<u> </u>				(10)			
☐ Shallow 50-53	140	feet	3 дрм	]				4			
FINAL STATU		Sent curply 9 🗆 11af-1	shed	īl							
1	ion well <sup>6</sup> Abandoned, poor q <sup>7</sup> Abandoned (Other)	uality 10 🗌 Repla	cement well		A. 7. 1		,				
1 ☐ Recharge				]	<u>c</u>	ARDEN H K			-[9]		
WATER USE		9 ☐ Not us					O			-	
<sup>2</sup> ☐ Stock <sup>3</sup> ☐ Irrigation <sup>4</sup> ☐ Industrial											
i	·	<u>.</u>						•			
1 Cable too	ol 5 Air percussion	9 Driving			wru	TO ROAD		703,			
2 ☐ Rotary (c 3 ☐ Rotary (r 4 ☐ Rotary (a		<sup>10</sup> ☐ Diggir 11 ☐ Other	ng		wru	TO ROAD		55	951	24	
L				]							
Name of Well Contr	ractor RUTH WFLL DRILL INC		tor's Licence No.	Data source		8 Contracctor	२५	59-62 Date recei		98	
Address		LID 700	-	Date o	t inspection	Ins	pector	<u> </u>	<u>; *† 1</u> 7	70	
RR* 2 C	LAUN L	Well Technicia	an's Licence No.	Remar	ks						
	STH Contractor	T- 18:		Remar				CS	SS. E	S9	
Signature of Techni	Cian/Contractor	Submission d							<b>*</b>		

The Ontario Water Resources Act WATER WELL RECORD Print only in spaces provided. Mark correct box with a checkmark, where applicable. 4511699 11 45011 CON DE Township/porough/City/Town/Village County or District 8, Plan 132 subject Marthumberlan Hope Date completed Winchester 17 18 2 LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) Depth - feet General description Most common material Other materials From Clay fill 8 stones 0 Brown stones, gravel 8 44 Clay 6rey bearing 45 44 Brown water CASING & OPEN HOLE RECORD

Wall thickiness inches From Sizes of opening (Slot No.) WATER RECORD Water found at - feet SCREEN Kind of water То Material and type Depth at top of screen 30 Fresh 3 Sulphur Steel Galvanized Steel
Galvanized
Concrete
Open hole
Plastic Minerals Gas 45 1 Fresh 4
2 Salty 6 -188 +2 Sulphur Minerals Gas **PLUGGING & SEALING RECORD** Steel

Galvanized

Concrete

Open hole

Plastic Sulphur Minerals Gas ☐ Abandonment ¹ ☐ Fresh Depth set at -2 🗌 Salty Material and type (Cement grout, bentonite, etc.) From ☐ Sulphur ☐ Minerals ☐ Gas ¹ ☐ Fresh Clay Slurry Steel <sup>2</sup>
Galvanized
Concrete
Open hole
Plastic 1 | | 2 | | 3 | | 4 | | 5 | | 2 Salty 27-30 Bentonite Sulphur Minerals Gas ¹ □ Fresh 2 Salty Duration of pumping
... 2... Hours ... 6... Mins Pumping test method Pumping rate **LOCATION OF WELL** Pump 2 🗆 Bailer GPM In diagram below show distances of well from road and lot line. Indicate north by arrow. Water level end of pumping Static level Water levels during 1 XPumping 15 minutes 26-28 30 minutes 29-31 19-21 22-24 PUMPING TEST 12 <sub>feet</sub> feet If flowing give rate GPM Clear ☐ Cloudy 43-45 Deep ☐ Shallow 10 35 feet GPM FINAL STATUS OF WELL Va □ Abandoned, insufficient supply □ Unfinished
□ Abandoned, poor quality □ Replacement well
□ Abandoned (Other)
□ Dewatering Water supply
Dbservation well
Test hole
Recharge well WATER USE

1 Domestic
2 Stock
3 Irrigation
4 Industrial 55-56 9 Not used
10 Other ..... moderals METHOD OF CONSTRUCTION Cable tool 5 Air percussion
Cable tool 6 Boring
Rotary (reverse) 7 Diamond
Rotary (air) 8 Jetting 10 Digging 199796 Name of Wall Control

Edes Well Drilling	7067
Box 87 Combray Ont; KON Name of Well Technician	1 IEO
Grea Bullack	Well Technician's Licence No
Signature of Technician/Contractor	Submission date 17 01 49 day mo yr

NE.	source 5	Contracctor	067	59-62	FEB	ived	6	1999	80
USE 0	Date of inspection		Inspector						
NISTRY	Remarks					C	SS	.ES9	
₹									

0506 (07/94) Front Form 9

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

4511748	Municipality Con.  45011 CON 1 22 23 24
p/Borough/City/Town/Village	Con block tract survey, etc. Lot 25-27
91 ROSE RO RR#60	DBOULG, Date completed 9 day month 9 Real

County or District NORTHOMBERLAND			Township/Borough/City/Town/Village					Con block tract surve			15216.	
			Address 89	1 Rose	RD'	R.R.#6			, co	ate ompleted	day 09	month 9% ear
21	T 10	12	17	Northing 18	24	RC Eleva	ation R	C Basin	Code		101 ·	1V 47
			VERBURDE	N AND BED	ROCK M	ATERIALS	(see instru	ictions)			[ @ ·	)epth - feet
General colour	Most common materia	J	Oth	er materials			Gene	ral descrip	otion		From	To
BAN	Top Soil						501	FT			0	2
BRN	Clay		SAN	Δ			HAN	P			2	10
GRY	Clay		570	NES			SOF	7		:	10	129
GRY	COURSE SAN	0	GRA	DNES UEL			HARK	2			129	131
							<u>.</u>					
										., , , , , , , , , , , , , , , , , , ,		
	,											
								:	·			
31					سيا			ىلى	444	ىلىا ك	لبلنا	لا لبلبا
	4 15 21 TED PEOODD	51	CASING &	ODEN HOLI	E DECOR		54 Sizes	of opening	31-33	Diameter	34-38 Lei	75 80
Water found at – feet	TER RECORD  Kind of water	Inside diam	Material	Wall thickness	Depth	- feet	1 /0				iches	feet
10-13 1	Fresh <sup>3</sup> Sulphur <sup>14</sup> Minerals		Steel 12	inches	From	To 13-16	Materi	al and type			Depth at to	p of screen 30
	☐ Salty 6 ☐ Gas	64 3	Galvanized Concrete Open hole	188	0	131	0,					feet
2 [	☐ Salty 6 ☐ Gas	17-18 1	□ Plastic □ Steel 19			20-23	61	PLU(		& SEALIN	G RECO	
1 1 1	☐ Fresh ☐ Sulphur ☐ Salty 6 ☐ Gas	2   3   4	☐ Concrete				Depth set					bentonite, etc.)
	☐ Fresh ☐ Sulphur 29 ☐ Salty ☐ Minerals	5 [	☐ Plastic ☐ Steel 26			27-30	0-13	14-17	SE	NTON	iTE	
30-33	Fresh <sup>3</sup> Sulphur <sup>34</sup> <sup>60</sup>	3	<ul><li>☐ Galvanized</li><li>☐ Concrete</li></ul>				18-21 26-29	22-25 30-33				
2 [	↑ ☐ Minerals ☐ Salty ₅ ☐ Gas	5	☐ Open hole ☐ Plastic					30-30				
71   Pumping test n		11-14 C	Ouration of pumpin	19 O 17-18 Mins			L	OCATIO	N OF WI	ELL [	OT#	-13.
Static level	Water level end of pumping . Water levels di			☐ Recovery		In diagram Indicate no			ces of we	ell from roa	ad and lo	
		minutes 29-31	45 minutes 32-34	60 minutes 35–37			•					
If flowing give n	rate 38-41 Pump intake set a	O feet	O feet Water at end of tes	O feet		7.1h	LINE					
If flowing give r	10 GPM	(O) Oeet	☐ Clear	Cloudy						$\neg \tau$		
Recommended    Shallow	pump setting		Recommended oump rate	46-49						ł		
50-53		/C/ feet		GPM				•				
FINAL STATU  1 K Water su 2 Observat	pply 5 Abandoned, i		ply <sup>9</sup> ☐ Unfinish <sup>10</sup> ☐ Replace	ned					<u></u>	— <u> </u>	AROS	: Æ
☐ Test hole	<sup>7</sup> Abandoned (0		Першос	ment wen				1 10'		1~	.,,,,,	
WATER USE	55-56						151	9				
Domestic	<sup>6</sup> ☐ Municipal		9 ☐ Not use 10 ☐ Other			6	AKDE	N HIL	i	(		
3 ☐ Irrigation 4 ☐ Industria		conditioning			-		AKDE	39	<b>O</b> —			
METHOD OF C	CONSTRUCTION 57					_	, .	•	)			
Cable to	ol 5 🗍 Air percussio conventional) 6 🗎 Boring reverse) 7 🗍 Diamond	n	9 🗍 Driving					١			วกว	121
3 ☐ Hotary (r	everse) . $\square$ Diamond		11 🗌 Other			<u>.                                    </u>						T C T
Name of Well Cont	ractor		Well Contractor	's Licence No.	<b>≥</b> Data sour		Se Contracct	% -	O 59-6		ved	63-68 80

Name of Well Contractor	Well Contractor's Licence No.	۲	Data 5 source	Contracctor 1 Q	59-62	Date received	30 es-es	80
FENELLA WELL DRIL	68/4	ΙZ		U L L U		MAI U / I	77	
Address			Date of inspection	Inspector				
RR#4 ROSENEATH	<u> </u>	IS						
Name of Well Technician	Well Technician's Licence No.	≾ا	Remarks					
Warull Badlol	T-0454	IST				CSS.E	<b>S9</b>	
Signature of Technician/Contractor	Submission date	I						
Walle	100 CH 77.	L						
	•					0506 (07/94) Fro	nt Form	19

Ministry **Environment** 

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0506 (11/98) Front Form 9

			1	•							n na .4
County or District			Township/	Borough/City/				Con bloc	k tract surve	, etc.	Lot 15+16
ALARTH	TH		Address	Hope	=			/	Date		<b>£</b> 1
			Address	R#11	Pæ	TIERRA	PROUGI	4	completed	day	month year
21	81	. 1		Northing		RC Elev	ation RC	Basin Code	, , , , , , , , , , , , , , , , , , ,	1 , .	iv
	¥ L <sub>10</sub>	12	L L L L		≥4	EDIALO (		31	<u>i ! l l-lk-</u>		
			VERBURDEN	er materials	OCK MAI	ERIALS (				De	oth - feet
General colour	Most common materi	lai	Otne	er materials		General description				From	То
BROWN	topsoil										2_
GREY	Clay		bould	ERS		ha	RO			2	51
GREY	Clay					ms	30			51	96
BROWN	SAND		Clay			$-\infty$	ED.			96	119
GREY	Clay		GRAVE	٠		ha	e 🗅			119	151
	GREY GRAVEL S					m				151	160
GREY	GREY GHAVEC -					1 100	<u> </u>				
:							~ a		<del></del>		<u> </u>
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			<del>-</del>							-	
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31		1111	السنال		1 1 1 1 1 1 1 1	بالدللا		<u>. 1 - L . 1 - 1</u>	<u> </u>	LLL.	
32	15	.11.	i_]	14411	4,1.1.		<u> </u>	<u> </u>	65		
41 WATE Water found	R RECORD	51 Inside	CASING & OI	Wall	RECORD Depth	- feet		.)	Diameter 5 i		ngth $8-9$ feet
at - feet	Kind of water	diam inches	Material	thickness inches	From	То	Material	12 and type		nches Depth at to	p of screen
156 E	Fresh 4  Sulphur 14  Minerals		☐ Steel ☐ Galvanized ☐ Concrete	188	0	154	<b>8</b> ≤ 7	STEE	<u>.</u>	151-	5 feet
15-18	Fresh 3 Sulphur 13 Sulphur 13 Minerals	1	☐ Open hole ☐ Plastic				61		& SEALING	BECOE	ND.
20.23	- Gas 17-18 1 [			Steel Galvanized Concrete 513,00055 156 15				Annular space		Abando	
	Gas 📋 Gas	4	<ul><li>☐ Concrete</li><li>☐ Open hole</li><li>☐ Plastic</li></ul>	STURE	156	160	From	To Mate	erial and type (Ce		bentonite, etc.)
25-28 1 C	] Fresh	24-25 -	☐ Steel 26			27-30	0.13	20 G	CINSCAL		
30-33	Fresh 3 Sulphur 34 60	3	<ul><li>☐ Galvanized</li><li>☐ Concrete</li><li>☐ Open hole</li></ul>		·		26-29	30-33 80			
	Salty 5 Gas	5	☐ Plastic	<u></u>							
71 Pumping test m	1	O GPM	Duration of pumpi	ing 3 Julins			LO	CATION OF	WELL		
Static level W	Water level 25 Water levels			☐ Recovery		In diagram	m below shown orth by arrow	w distances w.	of well from r	oad and	lot line.
19-21	22-24 15 minutes 26-28	30 minutes ,		60 minutes 35 37			·				<b>A</b>
72 feet	133 98 feet	/22 <sub>feet</sub>	127 <sub>feet</sub>	131 <sub>feet</sub>					1		rv
If flowing give re		at 15 feet	Water at end of tes	st 42					1,	المجيدا	
Hecommended p	nump type Recommended	43-45	Recommended pump rate	46 10		_		N		, , C	
☐ Shallow	II-Deep paring 5	45 feet		<u>О</u> GРМ		19	<u>(</u>	AROUNT			
FINAL STATUS	S OF WELL 54			· · · · · · · · · · · · · · · · · · ·		im	}				
1	on well E Abandoned,	poor quality	oply 🧚 🔲 Unfinish	ned ement well		,	· 2				
3 ☐ Test hole 4 ☐ Recharge	7 ☐ Abandoned well Dewatering	(Other)					1 00	Co.			
WATER USE	55/56							47 F. S. C. C. C. C. C. C. C. C. C. C. C. C. C.			
1 Domestic 2 ☐ Stock 3 ☐ Irrigation	<ul> <li>□ Commercial</li> <li>□ Municipal</li> <li>⁻ □ Public suppl</li> </ul>		9 🔲 Not use	)							
□ Industrial	8 Cooling & a								•		
METHOD OF (	CONSTRUCTION 57								1		
☐ Cable tool	onventional) <sup>6</sup> 🗌 Boring	ion	9 Driving 10 Digging	)							
³ ☐ Rotary (re - ☐ Rotary (ai			□ Other							212	2582
Nome of Marie	meter		Wall Contract	or's Licence No.	Data		58 Contractor		59-62 Date rece		63-68 Bu
Name of Well Control	AN WELL D	RILLIA			Source	ce	70	30	331		2000
Address					Date	of inspection		Inspector			
Name of Well Techn			1	n's Licence No.	Š Rem	arks		L			
Rober	I M4EA~		Tool Submission da	-1-	MINISTRY USE				(	CSS.I	ES0
Signature of Technic	Cian/Contractor  KM'		day mo	yr O						_	
										0500 /44	(98) Front Form

Ministry of Well Record A 067064 and/or Print Below) Ontario the Environment Regulation 903 Ontario Water Resources Act A067064 asurements recorded in: Metric Imperial Page 8/09 Mill St. City/Town/Village

GAEDEN HILL 17 Postal Code Ontario Northum berland Other NAD 8 3 17 7079 45 48 81658 Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form) Depth (m/ft) General Description General Colour Most Common Material Other Materials From BROWN SANDY CLAY. 0 21 GREY SANDY CLAY. 137 GRET SHALE, SOND, GRAVEL GRET. LIMEBTONE ROCK Results of Well Yield Testing Annular Space After test of well yield, water was: Type of Sealant Used (Material and Type) Volume Placed (m³/ft³) Clear and sand free Time Water Level Water Level From (min) (min) (m/lt)(m/ft)Other, specify BENTONITE Static 31-2 If pumping discontinued, give reason. Level 1 *31*-3 42-5 Pump intake set at (m/ft) 2 2 41 135 40 Pumping rate (Vmin / GPM) 56, P. M Method of Construction Well Use 39 Cable Tool Public ☐ Not used Diamond
Jetting Commercial Municipal Dewatering Domestic □ Rotary (Conventional) 377 5 Test Hole Monitoring Livestock Rotary (Reverse) Driving Final water level end of pumping (m/ft) Cooling & Air Conditioning Irrigation Boring Digging 10 10 37-/ Industrial Air percussion Other, specify Other, specify If flowing give rate (Vmin-/ GPM) 15 40-5 36 Status of Well Construction Record - Casing 20 41 20 Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) Depth (m/ft) Water Supply Recommended pump depth (m/ft) Wall Thickness Diameter Replacement Well 135 25 41-5 25 From (cm/in) (cm/in) Test Hole Recommended pump rate 61/4 42 Recharge Well (Vmin / GPM) 56, P.M. 51886 1884 138 Dewatering Well 40 40 Well production (Vmin / GPM)

8-6-PM

Disinfected? Observation and/or Monitoring Hole 50 50 Alteration (Construction) Abandoned, Insufficient Supply Map of Well Location Construction Record - Screen Abandoned, Poor Water Quality Please provide a map below following instructions on the back Depth (m/ft) Outside Slot No. Abandoned, other, (Plastic, Galvanized, Steel) specify 137-144 County. RD 9 18 Other, specify County er. 10 **Hole Diameter** Water Details Water found at Depth Kind of Water: Fresh Untested From 137-/4/1/1) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested 9 River (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested (m/ft) Gas Other, specify Well Contractor and Well Technician Information Business Name of Well Contractor 1455 SUEGESS WELL Comments Emily PARK
Postal Code Business F KOLZUO Ministry Use Only

Factor Date Submitted

Bhithell, L

Ministry's Copy

Audit No. Z 80932 APR 0 6 2009

A 063752

Well Record

Regulation 903 Ontario Water Resources Act

Address of Well L	ocation (Street Number	Name, RR)	Towns	ship H	OPE			15 Sub	16	Concess	08	3		
County/District/M	Zone Easting	Northing	CA. GPS Un	own/Village  MPBEL  it Make	LL CR	Province Postal Code  Ontario LOPI  Mode of Operation: Undifferentiated Averaged						al Code		
NAD   8   3	1770820 d Bedrock Materials (s			-	SPORT	TRAK Differentiated, specify								
General Colour	Most Common Mate		Other Materials	"		(	General [	Description			Dep	th (Metres) To		
					7	TOP SOIL						.9		
BROWN	CLAY											4.2		
GREY	CLAY										13.8	13.2		
GREY	GRAVEL				(	COPRSE						14.4		
•	Annular Space/A	bandonment Seal	ing Record					Results of W	lell Yiel	d Testir	the Personal Property and Personal Property			
Depth Set at (Med From   To		e of Sealant Used Iterial and Type)		Volume P		water was:		st of well yield,		aw Down Water Lo		Recovery Water Level		
0 6	QUIK (				34	Clear Canno		d free p to sand-free	(Min) Static	(Metre	THE RESERVE OF THE PERSON NAMED IN			
						state If pumping	discontin	ued, give reason	Level	3	Leve	1 4.2		
						i. pa. 4.13	4			3.6	1	3.3		
			*			Pumping 1		od	2	3.9	2	3		
Method o	of Construction		Water Use			Pump inta	M P ake set at	(Metres)	3	1	3			
Cable Tool	☐ Diamond	Public	Commercial	Not	THE RES !!	Pumping	/3.5	o (min)	4		4			
☐ Rotary (Conver ☐ Rotary (Revers			Municipal Test Hole	☐ Dev	vatering nitoring	rumping i		.5	5	1	5			
Rotary (Air) Air percussion	☐ Digging ☐ Boring	Irrigation Industrial	Cooling & Air	r Conditioning		Duration o	of pumpir		10	4.2	10			
Other, specify		Other, specify_				-		d of pumping	15		15			
Water Supply	tested Dewatering V	Status of Well	Observation a	and/or Monitor	ring Hole	(Metres)	4.		20		20			
Replacement V	Vell Abandoned, I	Insufficient Supply	Alteration (Co	onstruction)		Recomme		mp type Deep	25		25			
☐ Test Hole ☐ Recharge Well	Abandoned,		Other, specif	y		Recomme		mp depth	30		30			
		ocation of Well				13.	And the last of th	CALL THE REAL PROPERTY AND ADDRESS OF THE PARTY.	40		40			
- all property boun	map below showing: daries, and measurements	s sufficient to locate th	e well in relation	to fixed point	ts,	(Litres/min	30		50		50			
- detailed drawings	ng the North direction s can be provided as attac		legal size (8.5" l	by 14")	1	If flowing ( (Litres/min	give rate	7	60	4.2	60	3		
- vidigital pictures (	of inside of well can also b	e provided			N		~	Wate	er Detai					
T		1				Water for	und at D	epth Kind	of Wate	18401	ested			
-	1xensel	1 0	eur D.	- 1		Vater for			of Wate	and the second	]Sulphur	Mineral Mineral		
T.	lonse wood	AND	errto f	- 0000		VValor IO	Metres	CONTRACTOR OF STREET			Sulphur	Mineral		
RIGHT	CAS	7	err to t	vouse -		Water for		TIE.	of Wate		Culphus	Mineral		
50	(	10/				Casino	Metres g Used	Screen Use				ell Details		
	,					Galvani		Galvanized		ameter of t	the Hole (C	Centimetres)		
						Steel Fibregla	900	Steel	De		Hole (Met	res)		
Date Well Compl			te the Well Reco			Plastic	200	Plastic		14	4.4			
2009 03 16	package delivered?		2009 03		irroa)	Concre		Concrete			rss (Metres 18	3)		
Business Name o	Well Contractor as	nd Well Technicia		The same of the sa	No.	No C	Contraction.	nd Screen Use	Ins		eter of the 0	Casing (Metres		
0	RUTH WELLDA	DILING LTD		htractor's Licer	5	Disinfected			De		Casing (M	fetres)		
Business Address	(Street No./Name, num	bes RR)	Municipality	Innl		Yes Yes	□ No				4.4			
832 Nil	Son Line Postal Code	KK. #2 Business E-mail Add		/AN		Audit No.	00		Well C	Only ontractor	No.			
ON	LOAICO						620							
	(inc. area code) Name of	RUTH, B		Name)		Date Rece	ived (yyyy	(mm/dd) 2010	Date of	Inspectio	n (yyyy/mr	n/dd)		
Well Technician's L	icence No. Signature of T	Technician	Date Su	bmitted (yyyy		Remarks	BLL	2010			7 6 5			
T 2 9	2 3	3-		9/03/1						800	en's Drieter	r for Ontario, 200		
(11/2000)				Ministry's	<b>сору</b>					e due	and a restudi	ion Ginalio, 200		

E>c	/	try of nvironmer	nment			Regulation 903 Ontario Water Resources Act					
Measuren	ments recorded in:	Metric [	Imperial		<u> 4 /03204</u>	)			Pag	e	of
_	vner's Information										
1173 Well Loc	ddress (Street Number/Na Flee+Woo	75510 d Rd	, RI	Ltd. {#1 :	(JDL Consumunicipality Janetville	E-mail Address Province	Postal Code		705	by We No. (inc. o	constructed il Owner area code) 3 3 5 7
	f Well Location (Street No Vic address)	■ 10 (1998)			Hope		Pt. 1:	5	Concessi 7	on	
County/Di	strict/Municipality	1	0,0		City/Town/Village	: ii		Provir		Postal	Code
	thumberlan dinates Zone Easting		Northing	N	Municipal Plan and Sub	lot Number		Ont			
-		652	1881	298	Plan 9M7.	35 Sublo	+22				
General C	den and Bedrock Mater Colour Most Com	mon Materi			ord (see instructions on the ner Materials		neral Description	n			h (m/ft)
Brow	n Sar	d					loose			From	1.7
Gre		300					soft			12	322
Brow	1	/ 1		silt.	gravel		tight			32.2	390
Grey		44 1 E 1	(19	0111	sand	water	- bear	in		39.0	40.2
		4			34. (0)	000(101	0000	,	J	3170	10,2
			*	Welli	is 132' de	ρ					
			, , , ,			(					
-						1,35%					
Depth S	Set at (m/ft)	The Person of th	ealant Used		Volume Placed	After test of well yield	Results of W	-	ld Testin	_	ecovery
From	To C	(Material	and Type)	-	(m²/ft²)	Clear and sand			Water Le	-	Vater Level (m/ft)
0	6 Ben	tonit	e Gro	ut	.3	If pumping discontin	ued, give reason:		1.5	(min)	(many
								Level 1	4.1	1	3.1
						Pump intake set at	(m/ft)	2	4.2	2	September 1
						36,		3	4.2		2.4
Met Cable T	thod of Construction		Public	Well Us		Pumping rate (I/min	(GPM)	4		4	2.0
Rotary (	(Conventional)	X	Domestic	Comme Municip	al Dewatering	Duration of pumpin		5	4.2		1.8
Rotary (	(Reverse) Driving		ivestock rrigation	☐ Test Ho ☐ Cooling	le Monitoring & Air Conditioning	hrs + Final water level end	min of pumping (m/ft	9	4.3	10 00000	1.8
☐ Air perc☐ Other, s			ndustrial Other, specify			4.	7	10	4,4	10	1.7
	Construction F				Status of Well	If flowing give rate (	l/min / GPM)	15	4,5	1000000	1.6
Inside Diameter	Open Hole OR Material (Galvanized, Fibreglass,	Wall Thickness	Depth	(m/ft)	Water Supply	Recommended pur	np depth (m/ft)	20	4,5		1.5
(cm/in)	Concrete, Plastic, Steel)	(cm/in)	From	То	Replacement Well Test Hole	Recommended pur	nn rate	25	4.5	25	
15.9	Steel	.48	+.9	39	Recharge Well Dewatering Well	(Vmin / GPM) 5	7 0	30	4.5	30	
					Observation and/or Monitoring Hole	Well production (I/m		40	4.6	40	
					Alteration (Construction)	9.5 Disinfected?	+	50	4.6	50	V
					Abandoned, Insufficient Supply	XYes No		60	4.7	60	1.5
Outside	Construction F	Record - Sc		(m/ft)	Abandoned, Poor Water Quality	Please provide a ma	Tribal Control			hack	
Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	From	То	Abandoned, other,					ska	PJ
14	S. Steel	18	39	40.2	Specify		1		ariara	SNU	Na.
	or o reet			10.2	Other, specify		$\tilde{\Lambda}$				
	Water De	CONTRACTOR OF THE PARTY OF THE	Marian	Н	lole Diameter	54;	+				400
-	nd at Depth Kind of Water	23-411.	Untested	Dept From	th (m/ft) Diameter To (cm/in)	11 1	1		_	\	18m.
	n/ft) Gas Other, sp nd at Depth Kind of Wate		Untested	0	6 21.9	Mill	1 /			1_1	
	n/ft) Gas Other, sp			6	40.2 16.8					-	TH.
	nd at Depth Kind of Wate		Untested		1012 1010					1	-1 \37n
	Well Contract		II Technicia							/	
Foods	Name of Well Contractor	Ilina		We	Il Contractor's Licence No.	La	Rose cres	S.			
	Address (Street Number/N	ame)		Mu	nicipality	Comments:					
25 4 Province	Black bind	Busine	ss E-mail Add	ress L	indsay						
01	V KINVYR						Package Deliver	ed	Mini	stry Use	Only
Bus, Telepho	one No. (inc. area code) No	ame of Well	- 11		First Name)	information package delivered	1108	117	Audit No.	233	250
Well Technic	cian's Licence No. Signature	p Technie	ign and/or Co	HWEY Itractor Dat	e Submitted		Work Completed		2 -		
0506E (2007/	12) © Queen's Printer for On	1 6	Wellock	Y	D G M M Y Y Y	□ No Y Y	1108	17	Received	P 40	2011
(2007)					Ministry's Copy	1					

#### Well Record

Tan#· A12222E

Regulation 903 Ontario Water Resources Act

The transfer of the global distribution of the state of t			33.5		200			
	ation (Street Number/Name)	To	ownship		Lot	Concess	ion	
County/District/Mun	234 M±LL ST		HOPE			7 8	Docto	I Code ,
*	RTHUMBERLANDONE Easting Northing	L L	ity/Town/Village			Ontario	FUSIA	
i .			Municipal Plan and Sublot Number			Other		······································
NAD   8   3   1	7   17 p   7 6   4 4 8   8 Bedrock Materials/Abandonmen		d (see instructions on the	back of this form)				
General Colour	Most Common Material		er Materials		al Description	1	Dep From	oth ( <i>m/f</i> )
BROWN	TOP SOIL				BOFT		0	6"
Brown	CLAY-SAND			PAC	CKED		611	20
GREY	CLAY			Pe	-NSE		20	110
BROWN	SAND-GRAVEL	CI	AY	PAC	KED		110	131
GREY	LIMESTONE			MEDIU	m-HR	RO	131	132
OF A STORM CORP. A STREET OF THE STREET OF T	on Albandon Managara (Angala Angala Angala Canagara (Angala Angala Angala Angala Angala Angala Angala Angala A	ALEMAN SANTALON SON MANAGEMENT		PROMINENT HIND SEPTIME	edwindowie - Commission	No. 19 and the second	ma/Indianasconia i i more	Miles I Wildon State Co.
Depth Set at (m/s	Annular Space Type of Sealant Us		Volume Placed	After test of well yield, w	vater was:	ell Yield Testin		tecovery
From To	(Material and Type	)	(m³/ftQ)>	Clear and sand fre		Time Water Le	vel Time	Water Level
20 13	1 BAG BENSI		25 6AL	If pumping discontinued	d, give reason:	Static Level 10.0		* · · · · · · · · · · · · · · · · · · ·
	EZ Mub Si			_		1 15.3		59,10
150	51/2 BAGS H	OLE PLUG		Pump intake set at (m.	<u>/Ø</u>	2 20.6		57,00
				1.30 'Pumping rate (I/min / 6	\$50M	3 24.1		34.90
Method of C	Construction Public	Well Use		6 GPM		4 27.0		53.18
Rotary (Convention	nal)	☐ Municipa	1 Dewatering	Duration of pumping hrs +00 m		5 28.9	1	
☐ Rotary (Reverse) ☐ Boring	☐ Driving ☐ Livestock☐ Digging ☐ Irrigation	☐ Test Hote ☐ Cooling &	e  Monitaring & Air Conditioning	Final water level end of				51.50
☐ Air percussion ☐ Other, specify	. Industrial	ncify	•	62,61	0	3a		45.50
	Construction Record - Casing		Status of Well	If flowing give rate (I/m	in / GPM)	15 38.9		41.70
Inside Open H		Depth ( <i>m/<del>tt/)</del></i>	Water Supply	Recommended pump	depth (m/ <b>%</b>	20 46.		39.15
(cm/in) Concre	te, Plastic, Steel) (cm/ings Fro	m To	Replacement Well	Recommended pump	rate	25 50.6		38-00
6/4 ST	EEL :188 to	2 <i>131</i> 1	Recharge Well Dewatering Well	1 ///min / C-0078	PM	30 53, 3		36.18
674 08	EN 13	11 1321	Observation and/or Monitoring Hole	Well production (I/min /	(SPM)	40 55.9		31.85
			☐ Alteration	Disinfected?	Μ	50 61,0		28.90
			(Construction)	🗶 Yes 🗌 No		60 62.6	<b>O</b> 60	27.00
Outside	Construction Record - Screen	- 11 ( 25)	Insufficient Supply  Abandoned, Poor	Please provid <u>e a mao k</u>		ell Location	e back !	
Outside Diameter (cm/in) (Plastic,	Material Galvanized, Steel) Slot No. Fro	Depth ( <i>m/ft)</i> m To	Water Quality  Abandoned, other,	WELL	>4 (5 °	I I SI OPINI SI	2	
			specify	BARN		7		
			☐ Other, specify		l <sub>ey</sub>	<del>-</del>		
	Water Details	H	ole Diameter		4			1
	th Kind of Water: Fresh Unte	Management	Diameter To (cm/in)		<b>¾</b>	- ∏ -		
	as Other, <i>specify</i> th Kind of Water: Fresh Unte		20 10"		<b>}</b>	大		
	as Other, specify		1.32 65/8"		7	House	<u> </u>	,
,	th Kind of Water: Fresh Unte	sted Ø	100 6-18			#823	4	
	as Other, <i>specify</i> Well Contractor and Well Techi	— ∣ nician Informati	ion			MILLST		
Business Name of V	/ell Contractor	Wel	Contractor's Licence No.		40		- II.	
	NE WELL DRILLING Street Number/Name)		13 6 7 nicipality	CR*			0 [] )	<u>,                                     </u>
4	352 HWY #7	6	MEMEE		GAR	ROEN HE		~
Province ON	Postal Code Business E-mai	l Address		Well owner's Date Pa	ackage Deliver		nistry Us	e Onlv
	nc. area code) Name of Well Technic	ian (Last Name, F		information package		Audit No	i.	AU (2) (3) (3) (3)
Well Technician's Licen		CHARD of Contractor Date	ALLAN a Submitted	I I delivered	ork Completed			9606
1816	18 Signature of Feynmolan and		6   4   1   1   2   1 9   0	□ m 20	11112	Received	FEB 2	1 2012
ASACE (2007/42) 6 0	vennia Drinton for Onforia 2007	<i>y</i>						

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Well Record
Regulation 903 Ontario Water Resources Act

											, ,		
Well Loc	VivoubuAiuteo (1536)UK \$9350Abits	n (19 sid) in (44	1 41 1		1-			114		1100		18 B	
Address of 39		on (Street Nu			1	ownship	•	Lot	19.		Concess	ю 4	ø
County/Dis	strict/Municip	pality	· · · · · · · ·	<u> </u>	c	ity/Town/Village				ovin	ce	Posta	al Code
NORT	Yume	Berlin	n)	****		GARDENHIZE Municipal Plan and Sublot Number					ario		
UIM Coord	lifiates Zone	708	48 1 G 1	orthing PARI / I	N	funicipal Plan and Sub	ot Number		Ot	her			
						rd (see instructions on th	e back of this for	n)					
General C			non Material			er Materials		General Descr	iption	241266276748	1800012C001100501841C4	De From	pth ( <i>m/ft</i> )
Benn	W SP	WOY,	CLAY	/ 51	カンノンろ	•						(2)	17
		ሪያ ሃ										17	60
BROW	2011	00056			دعدن							60	1-2 0
10000	0.0 0	mis,	(C) (F) (C)										128
COOL	36 37	12/13	MANE	-62	OVEL					****		128	132
									***************************************				
											***************************************		
			THE PROPERTY OF THE PARTY OF TH										
Village Wilson approprie	SKAM Hesali Area Harcelone	sa a Militaria na maio a los didessos montos de	social and and	·		essi vikosi veri oma Pallivan villa vikosu vinto vivino	Danish to be a state of the sta		W		Fig. 1 and 100005 5 and	action and let in local	
Depth S	et at ( <i>m/ft</i> )	Γ	Annular Type of Sea	10111 • 001111 VIII VIII		Volume Placed	After test of w	Results ell yield, water was		1.17111111	d Testir aw Down		Recovery
From	То		(Material an			(m³/ft³)	Clear and		11			vel Time	Water Level
	20	Bo	דינמן פידו	E 52	WERY	<u> </u>	☐ Other, sp	continued, give re		nin) atic	(m/ft)	(min)	(m/ft)
		3/8 /	hole p	lup.			III pumping dis	continued, give rea	Le	evel	10.6		
				7			]  			1	14.2		53
***************************************							Pump intake	5et at (m/n)		2	16.9	2	47.9
Meti	nod of Cor	etruction			Well Us		Pumping rate	(I/min / GPM)		3	19.	3	43.6
Cable To		Diamono	ועף □ נ	blic	Commer			6.P.m.		4	21.5	5 4	38.7
Rotary (	Conventional)	☐ Jetting☐ Driving	☐ Liv	mestic estock	☐ Municipa	=	Duration of p	umping		5	73	5	36
Boring	(tevelse)	Digging	☐ Irrig		=	& Air Conditioning	Final water lev	el end of pumping	(m/it)	10	31	10	22.7
☐ Air perco			Ind	ustrial ner, <i>specify</i>				5.6					
		struction R		······································		Status of Well	I If flowing give	rate (I/min / GPM	′ I <del> </del>	15	36	15	15.6
Inside	Open Hole	OR Material	Wall	·····	( <i>m/ft</i> )	Water Supply	Recommende	ed pump depth (n	√ft) 2	20	39.9	20	11-6
Diameter (cm/in)		d, Fibreglass, Plastic, Steel)	Thickness (cm/in)	From	То	Replacement Well Test Hole	/	125'		25	43.	<b>2</b> 25	10.8
11/4	5158	,	1882	0	129	Recharge Well	Recommende (I/min / GPM)			30	46.	2 30	
		4	700		157	☐ Dewatering Well☐ Observation and/or	11	O 6 P. M on ( <i>I/min / GPM</i> )		40	55.		
						Monitoring Hole ☐ Alteration		6.P.M 3	٠   إ	50	51.6		
						(Construction)	Disinfected?	Na		60	53°.		
		waterstandown seminori	Construction and Construction	12000		Abandoned, Insufficient Supply	Z res 🗆		of Well				
Outside	1	nstruction R	ecora - Scre		( <i>m/ft</i> )	☐ Abandoned, Poor Water Quality	Please provide	iviap e a map below folk				e back.	
Diameter <i>(cm∕in)</i>		vanizeď, Steel)	Slot No.	From	То	Abandoned, other,							
51/4	5.5%	Z (* .)	18	/32-	124								
014	<u> </u>			7-2-2-	, ,	☐ Other, specify	(9)						197
		Water De	raile		L	ole Diameter			Ωx				<del>-</del>
Water four	at Depth	Kind of Wate		Untested	Dept	h (m/ft) Diameter		N	1111 St.	•	<i></i>		
		Other, spe			From	To (cm/in)	∥ ∧	1/			ſ		
		Kind of Wate		Untested	0	133 6/4		}				~ ~	
		Other, spe Kind of Wate		Untested		,	l N	t .	1				)
(n	v/ft) □Gas	Other, spe	ecify					_	LARO	SL	Clas.		
D '		II Contracto	r and Well	Technicia									
<i>^</i>	ame of Well مصدر	_	Deia	w/L	. We	Contractor's Licence No.							
<u>ついたり</u> Business A	ddress (Stre	et Number/Na	ァンシァとて ame)	1 5	Mu	nicipality	Comments;						
467	Emi	CY P.	ARK	RĐ	•		]]						
Province	Po	stal Code	Business	E-mail Add	ress		NACH comments	Date De-tre :- D	slîre = -!	<del></del>	17/2000 B 40°		arada zar sandinistranena
		0 4 DW area code) Na		echnician (1	ast Name	First Name)	Well owner's information	Date Package De			Audit No	istry Us	122 CO 100 TO SHEET SHEET
705	7995	871	~ Wh	itno	11 2	) <sub>142</sub> 2.	package delivered	Date Work Comp		16	Z	126	028
Well Technic	ian's Licence I	No. Signature	of Technicia	n and/or Co	ntractor Dat	e Submitted	Yes No	, '	,	الر		·	. 00/0
/ 0	0 6		_/(	-		011/07/20		20110	712	6	Received	:EB // ?	//////



Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below)

Well Record

Tag#: A154951

			***	M	<b>₽</b> ₽	í	2	5.	**	•	<b>1999</b>	<b>4</b>	H	100
Regulation	903	Ontario	И	/a	te	r	R	<b>e</b> s	5C	)U	rc	es	Æ	lc

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Address of Well L	ocation (Street Number/Name)	Township Hape		Lot Conces	ssion
County/District/M		City/Town/Village	-den Hill	Province	Postal Code
<b>MJO</b> √↑ UTM Coordinates		Municipal Plan and Sub	E h	Ontario Other	
NAD   8   3 Overburden an	1777086648 Waterials/Abandonment Sealing R		e back of this form)		
General Colour	Most Common Material	Other Materials	**************************************	ral Description	Depth ( <i>m/ft</i> ) From To
	Previously drilled,	6" well, tini	shed 51 be	low ande	
<del></del>	in a 30" concrete				
	3011 10000 p 4:1001	TRADURA BY CX	101124		
	6 Steel cased dri	Hed well			5 1241
			4	of	
	Believed to be well 120#	4506539 jar	illed by 210	4 in 1980	
- nervenu en en en en en en en en en en en en en	MINITURE MARKET	IFIWIDIIIWWW.IVIVIVIVIWIWIWIWIVIVIVIWIIIWIIIWI		WANNIANIANIANIANIANIANIANIANIANIANIANIANI	
	Michelma - Ammatar Space 196309			Results of Well Yield Testi	ng
Depth Set at (m	,	Volume Placed (m³/ft³)	After test of well yield, \ Clear and sand fr		n Recovery Level Time Water Level
015	Bentonite Chips	100/65	Other, <i>specify</i> If pumping discontinue	d give reason. Static (m/f	
Layered	Limestone Sincernings	1.5 tome		1 Level ( )	
	MATINE SON	3 toma	Pump intake set at (m	7/ft) 2	2
	Construction Well	Use	Pumping rate (//min / 0	<i>3</i>	3
Cable Tool	Diamond Dublic Con	nmercial	Duration of pumping	4	4
☐ Rotary (Convent ☐ Rotary (Reverse ☐ Boring	) Driving Livestock 🔲 Test		hrs + m	in 5	5
Air percussion Other, specify	Digging ☐ Irrigation ☐ Coo   ☐ Industrial ☐ Other, specify	ling & Air Conditioning	Final water level end of		10
	Construction Record - Casing	Status of Well	If flowing give rate (//m		/15
Diameter (Galv	n Hole OR Material Wall Depth ( <i>m/ft</i> ) anized, Fibreglass, Thickness rete, Plastic, Steel) ( <i>cm/in</i> ) From To	Water Supply Replacement Well	Recommended pump	depth (m/ft) 20 25	20   25
A I N	rete, Plastic, Steel) (cm/in) From To	Test Hole  Recharge Well	Recommended pump		30
abour casi		☐ Dewatering Well☐ Observation and/or	Well production (Ilmin)		40
(4" Ste		i 6	Disinfected?		50
		— (Construction) ☐ Abandoned, Insufficient Supply	Yes No	60 /	60
Outside	Construction Record - Screen  Material Depth (m/ft)	Abandoned, Poor  Water Quality	Please provide a map b	Map of Well Location elow following instructions on the	ne back.
Diameter (Plastic	Galvanized, Steel) Slot No. From To	Abandoned, other, specify		CREEN	N
		Other, specify			
Paris and the second se					\ CE#
a l'E		epth (m/ft) Diameter			
	Sas Other, specify  pth Kind of Water: Fresh Untested	To (cm/in)  5 8 x8	#	4170	
(m/ft) [] (	Sas Other, specify  pth Kind of Water: Fresh Untested	1241 65811			
	Sas Other, specify		C.R.#9	touse	
Business Name of \	Well Contractor and Well Technician Inform Nell Contractor	nation Well Contractor's Licence No.		The state of the s	
Business Address (	Twell Drilling Ltd.	3367	Commonter		
4852	Hwy 7	Nunicipality  OMEMICE	Comments:	lage of Garden	4:11
Province ON	Postal Code Business E-mail Address				istry Use Only
Bus.Telephone No. (7	nc. area code) Name of Well Technician (Last Name	11	information	130028 Audit No.	
Well Technician's Lice	nce No. Signature of Fechnician and/or Contractor	Date Submitted	Yes Date Wor	rk Completed 4	
0506E (2007/12) © C	ueen's Printer for Ontario, 2007	40151016	No   ←   ↓		. 1 O 2013

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		Ministry of the Environment
Measurements recorded in: Metric Kilmperial	Measurements recorded in:	☐ Metric X Imperial

Well Tag No. (

A147474

Tag#: A147474

We		Record
886	9 B	1100010

Regulation 903 Ontario Water Resources Act

Page	of	

Address of	Well Locati	on (Street Nu	mber/Name	<u>)</u>		ownship	**************************************	Lot		Concessio	n	
Cty Rd 9 (Church)				Hope			t lot 15 7			I Coda		
County/District/Municipality Northumberland				City/Town/Village Garden Hill			Province <b>Ontario</b>			Postal Code		
UTM Coordi	nates Zone	Easting		lorthing		1unicipal Plan and Subl			Other	*******************************		žž
NAD Overburde		7   7   0 8 2   7 Trock Materi	<u></u>	488162		rd (see instructions on the	back of this form)					
General Co	<del> </del>	·····	mon Materia	······································		er Materials	<u>}</u>	ral Description		······································	De <sub>l</sub> From	oth ( <i>m/ft)</i> To
Brown	C	Gravel			sand						0	1
Brown	5	Sand		· · · · · · · · · · · · · · · · · · ·	clay	<u> </u>			*******	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	<u>8</u>
Grey	(	Clay		·····							8	42
Grey	C	Clay			grav	rel	***************************************				42	6.5
Grey	<u> </u>	Clay						······	/1 <b>//</b> /////////////////////////////////		65	95
Grey		Clay		<u></u>	sand						95	144
Grey	Ţ	imesto	ne				<b></b>				144	148
(—————————————————————————————————————						· · · · · · · · · · · · · · · · · · ·	1 p	····			·	
Depth Se	t at ( <i>m/ft</i> )		Annula: Type of Se			Volume Placed	After test of well yield,	Results of We water was:	···	d Testing aw Down	<del></del>	Recovery
From	To		(Material a	nd Type)		(m³/ft³)	Clear and sand for Other, specify	ree	Time (min)	Water Leve	I Time	Water Level (m/ft)
U	20	Ben	tonite	2			If pumping discontinue	d, give reason:	Static	31 7	***************************************	**************************************
	***************************************	6.1							Level 1	38.0	1	55.0
	·····					,	Pump intake set at (n	n/ft)	2	38.0	2	52.1
			<u>-1+1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-</u>				100ft	~ E3 43	3	43.0	3	50.0
Meth Cable Too	***************************************	n <b>struction</b>	J [LPu	hia	Well Use		Pumping rate (t/min / 10gpm	GPM)	4	44.5	4	
Rotary (C	onventional)	Jetting	<b>₹</b> □0	mestic	Municipa	ıl Dewatering	Duration of pumping	-i-a	5	44.3	5	48.7
☐ Rotary (Ro ☐ Boring	everse)	□ Driving □ Digging	******	restock gation	☐ Test Hol	e	1 hrs + л Final water level end o	nin f pumping <i>(m/it)</i>	***************************************			47.5
☐ Air percus ☐ Other, <i>spe</i>			l	dustrial her, <i>specify</i> ,			61.3ft		10	50.3	10	43.3
brown?		struction R				Status of Well ay	If flowing give rate (t/n	nin / GPM)	15	52.2	15	41.5
Inside Diameter	•	OR Material d, Fibreglass,	Wall Thickness	Dept	h ( <i>m/fl)</i>	Water Supply	Recommended pump	depth (m/ft)	20	53.9	20	39.7
(cm/in)	Concrete, F	Plastic, Steel)	(cm/in)	From	Το	Replacement Well Test Hole	100ft Recommended pump	rate	25	55.8	25	38.9
614	Stee	1	.188	+2	144.	Recharge Well Dewatering Well	(l/min / GPM)	, p m	30	57.6	30	38.2
6"	0pen	Hole	<u>-</u>	144.	148	Observation and/or     Monitoring Hole	Well production (I/min	······································	40	58.8	40	37.5
	***************************************					Alteration (Construction)	Disinfected?			60.0	50	36.8
				Tonacional Economic	**************************************	Abandoned, Insufficient Supply	Yes No		60	61.3	60	36.1
Outside		nstruction R	ecord - Scre		ha dama Hel	🔲 Abandoned, Poor	Please provide a map i	Map of We			and.	•
Diameter		terial ranized, Steel)	Slot No.	From	h ( <i>m/ft)</i> To	Water Quality Abandoned, other,	i rocco provide a map	aciow tatiowing t	noutuon	ora on the p	αUN.	M
				······································		specify				gar.	CONTRACTOR OF THE STREET	
					*	Other, specify						
		Water Det	ails		Ho	ole Diameter	1.	urch				
		Kind of Water		Untested	<del></del>	(m/ft) Diameter	oldch	W'	adri	Market Ma		
	**************************************	Other, <i>spe</i> Kind of Water		Unlested	-						,	
(m/l	ft) Gas	Other, spe	cify			20 8"		Annual Street,		Ç	7 6	
Water found		Kind of Water Othe <b>r</b> , <i>spe</i>		Untested	20	148 6"					9/	
6/00/00   1   1   1   1   1   1   1   1   1			······································	Technicia	n Informati	on William and the control of the co				ŧ	)	
Business Name of Well Contractor  G. Hart & Song Molloll Devilling Technician Information  Well Contractor's Licence No.					•	· A 101 C	 ``	оңұма <del>шық ашы оғысы ш</del> етікен <del>де д</del>		+o-cwofffman.eco/manaconstanages		
G. Hart & Sons Well Drilling Ltd 2662 Business Address (Street Number/Name)  Municipality					Comments:	J'YRU.				······································		
P.O. E	30x 85	0			Fe	nelon Falls					ATALANTA CHANGE	
Province Ont	)	stal Code OM 1NO	•	E-mail Add irt gh			Well owner's Date Pa	ckage Delivered	1	AAimim	ry 18	Only
Bus.Telephone	Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name)				information package	, [ , ]	11			2902		
\	Rochetta, Mike  Mey Technician's Licence No. Signature of Technician and/or Contractor Date Submitted				Submilted	delivered	ork Completed					
J4JU		Clar	Low	A commence of the commence of	三 入 (	3140509	No 2014	4 04 28		MAY	14	2014
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Ministry of the Environment

■ Metric

Well Tag No. (Place Sticker and/or Print Below)

Tag#: A165437

Well	Record

Regulation 903 Ontario Water Resources Act

Page		of	
3	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

Address of Well Loca	ation (Street Number/Name)		ownship		Lot	Conces	sion	
3901 County/District/Muni	GONCIASEA F	2d.	ity/Town/Village			) Province	Posta	al Code
North	hun bedand		compella			Ontario		
UTM Coordinates Zo	one Easting Northing	M NS48	unicipal Plan and Subl	ot Number		Other		
Overburden and E	Bedrock Materials/Abandonment						Па	oth ( <i>n<b>(</b>/ft</i> )
General Colour	Most Common Material	Othe	er Materials	Gene	ral Description		From / ^	To
MOUNT			······································					<
		<u>Civc</u>						2
	Carron		7	<u> </u>		<del></del>	124	127
	1 westone			Mediun		~ <b>\</b>	120	12-2
	Annular Space				***************************************	ell Yield Testi	ng	
Depth Set at ( <i>m/ft</i> )- From To	Type of Sealant Us (Material and Type)		Volume Placed (m³/ft³)	After test of well yield, volume of the second of the second second second first test of well yield, volume of the second			n F evel Time	
		SLANI	50 ans	Other, specify If pumping discontinue		Static (met	<u>)</u> (min)	(m/ft)
	Bentonte		1CONS		u, give reason.	Level 150		
				Pump intake set at $\eta$	1/f <del>t</del> ),			JO 1 -
							2 7 3	351
Method of C		Well Use		Pumping rate (I/min (	Company Compan			
☐ Cable Tool ☐ Rotary (Convention	□ Diamond □ Public nal) □ Jetting □ Domestic	☐ Commerc ☐ Municipa	Assertations	Duration of pumping		4 28	1 4	504
☐ Rotary (Reverse) ☐ Boring	☐ Driving ☐ Livestock☐ Digging ☐ Irrigation	☐ Test Hole ☐ Coolina 8	☐ Monitoring & Air Conditioning	/ hrs 代众 n Final water level end o	nin Foumoina <i>(m//ii)</i>		<b>1</b> 5	488
☐ Air percussion ☐ Other, specify △	Industrial				<b>L</b>		5 10	418
	onstruction Record - Casing		Status of Well	If flowing give rate (I/n	nin / GPM)	15 210		304
Diameter (Galvani	lole OR Material Wall Dized, Fibreglass, Thickness	epth (m/ft)	Water Supply	Recommended pump	depth (m/ft)	20 43	7 20	3) ()
	e, Plastic, Steel) (cm(in)) Fron	П	Replacement Well Test Hole	ि————————————————————————————————————	- 100-00 - contrator contrator constituent contrator con	25 46		291
414 3	keel .001.3	139	☐ Recharge Well ☐ Dewatering Well	(I/min (GPN)) 4LE		30 4-9	4- 30	261
(01)4 ()(	entde la	1331	☐ Observation and/or Monitoring Hole	Well production (I/min	(GPM)	40 55	40	314
			☐ Alteration (Construction)	Disinfected?		50 57	<b>(,</b> - 50	193
			☐ Abandoned, Insufficient Supply	N/Yes No		60 (00)	60 G	1899
Outside	Construction Record - Screen	epth ( <i>m/ft</i> )	☐ Abandoned, Poor Water Quality	Please provide a map l		Il Location	ne back. I	
and the colline of the text of the company of the colline of the c	Material Salvanized, Steel) Slot No. Fron		Abandoned, other, specify		•			N
			Other, specify	Ganaraska	a Rd. Ce+	+97		
Water found at Dept	Mater Details h Kind of Water: レドresh ししntes	······································	le Diameter (m/ft), Diameter				. 4 Km	<b>)</b>
(13) (m(ft)) Ga	ş	From	To (cr(VIn)				ų	
Water found at Depti (m/ft) Ga	h Kind of Water: Fresh Untess s Other, <i>specify</i>	sted O	20 1112		Well 30			: :
· · · · · · · · · · · · · · · · · · ·	h Kind of Water: Fresh Untes	ted	133 713		Ho'. //	(5/		00410
	s Other, <i>specify</i>		133 (0					<u> </u>
Business Name of We	9. h	Well	on Contractor's Licence No.	**************************************	House G			
Business Address (St	11.	• 1 I	icipality	Comments:	¥3907		······································	·
Province	Postal Code Business E-mail	Address	mence		constant and the significa	AND THE PROPERTY OF THE PROPER		
Bus.Telephone No. (inc	c. area code) Name of Well Technicia	ın (Last Name. Fi		information	ckage Delivered	A CLUMN NO.	istry Use	
705799	7088 Richa	cd. Al	lan	delivered Date W	ork Completed		Ganne Salam Salam	3434
vveir rechnician's Licenc	ce No. Signature of Technician and/or	Contractor Date	Submitted  NIALATIZA	Pryes INO 21			1,00	7.014
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Ministry of the Environment

Measurements recorded in: 🔲 Metric 🔀 Imperial

Well Tag No. (Place Sticker and/or Print Below)

Tag#: A165453

Well Record

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egulation	903	Ontario	N	/a	tei	r F	?es	so	Ш	rce	s	A	C

į	Regulation	903	Ontario	Water	Resour	rces	Ac
			Pa	age	of		

Address of Well Location (Street Number/Name)	Township	Lot , /	Concessi	on	
Same	MOPE	16	Drovinco	Doctol	Codo
County/District/Municipality Northumberland	City/Town/Village	. //	Province Ontario	Postal	Code
UTM Coordinates Zone Easting Northing	Municipal Plan and Sublo	ot Number	Other		
NAD 8 3 1 7 7085 / 1 488 / 1 7 8					
Overburden and Bedrock Materials/Abandonment Sealing R General Colour Most Common Material	ecord (see instructions on the Other Materials	General Description	1	Dep	th ( <i>m/ft</i> )
$D_{\alpha}$	6" well 4	2 -1201 120101		From	10
	i i i i i i i i i i i i i i i i i i i	11151511010		1/1/1/1/11/11/11/11/11/11/11/11/11/11/1	
<u> </u>	novete ue 11 p	<u> </u>		440707070707070707070707070707070707070	
3011/2012				$O^{t}$	51
	HAD WALL	<b>7.4.4.</b> 4.4.2	1.61.2.1.11.611.611.611.611.611.611.611.	5	481
			**************************************	Seatof Park	
	viviviviiviiviiviiviiviiviiviiviiiiiiii			//////////////////////////////////////	·
			***************************************		
Mulevials -Amnular Space vs.ea		Results of W	ell Yield Testin	g	
Depth Set at ( <i>m/ft</i> )  From To  Type of Sealant Used  (Material and Type)	Volume Placed (m³/ft³)	After test of well yield, water was:  Clear and sand free	Draw Down Time   Water Le		ecovery Water Level
1		Other, specify	(min) (m/ft)	11.1.1.1 <b>[</b>	(m/ft) /
Lanestonestones		If pumping discontinued, give reason:	Static Flow		
	1		1	1	
	2.5 +onne	Pump intake set at (m/ft)	2	2	
		Pumping rate (//min / GPM)	3	3	
	l <b>Use</b> nmercial [] Not used		4	4	
☐ Rotary (Conventional) ☐ Jetting ☐ Domestic ☐ Mur ☐ Rotary (Reverse) ☐ Driving ☐ Livestock ☐ Tes		Duration of pumping  hrs + min	5	5 /	<b>1</b>
☐ Boring ☐ Digging ☐ Irrigation ☐ Cod		Final water level end of pumping (m/ft)	10	10	
☐ Air percussion ☐ Industrial ☐ Other, specify ☐ Other, specify ☐ Other, specify ☐ Other.		If flowing give rate (I/min / GPM)	15	///////////////////////////////////////	disensia suivivaine soone sui seu mana suoma suoma si senantivu ivoon
Construction Record - Casing	Status of Well	1/2 4600	20	/ 20	
Inside Open Hole OR Material Wall Depth ( <i>m/ft)</i> Diameter (Galvanized, Fibreglass, Thickness	Water Supply Replacement Well	Recommended pump depth (m/ft)	25	/ 25	, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
(cm/in) Concrete, Plastic, Steel) (cm/in) From To	☐ Test Hole	140 'Recommended pump rate	1	<u> </u>	
64"   steel   .188   t18"   51	Recharge Well Dewatering Well	Recommended pump rate (I/min / GPM) らりか	30 //	30	
above clasing was welled to be low the	☐ Observation and/or Monitoring Hole	Well production (I/min / GPM)	40	40	<u></u>
64" 5421 188 51 48		UN KNOWN Disinfected?	50 /	50	
	Abandoned, Insufficient Supply	X Yes No	60 /	60	
Construction Record - Screen  Outside National Depth (m/ft)	Abandoned, Poor Water Quality	Please provide a map below following	ell Location Linstructions on the	- hack	
Outside   Material   Diameter   (Plastic, Galvanized, Steel)   Slot No.   From   To	☐ Abandoned, other,			C. R. #	#10
	specify				
	Other, specify		there constitutes and an experience of the constitution of the con		
Water Details	Hole Diameter		Seminary Control of the Control of t		
Water found at Depth Kind of Water: Fresh X Untested	Depth ( <i>m/ft</i> ) Diameter				
Water found at Depth Kind of Water: Fresh Untested	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Well!		
(m/ft) Gas Other, specify <	481 658	House			
Water found at Depth Kind of Water: Fresh Untested	6.78				
(m/ft) Gas Other, specify					
Well Contractor and Well Technician Infor Business Name of Well Contractor	Well Contractor's Licence No.				
Herb Lang Well Drilling Ltd.  Business Address (Street Number/Name)	+ ·· · · · · · · · · · · · · · · · · ·	C,R,#9->			
Business Address (Street Number/Name)  W 852 Hwy, #7	Municipality  OMEMEE	Comments:  16arden H://	<del>-</del> 2 k	₩	
Province Postal Code Business E-mail Address					
Bus. Telephone No. (inc. area code) Name of Well Technician (Last Nat	me First Name)	Well owner's Date Package Delivere information		istry Use	
1705799708 (Inc. area code) Name of Well Technician (Last Nat 17057997088 Miller) Scott	ino, i macinalio)	package 20/95 delivered Date Work Completed		Emma I	3472
Well Technician's Licence No. Signature of Technician and/or Contractor	Date Submitted	Yes 201410			2014
0506E (2007/12) © Queen's Printer for Ontario, 2007	Z   V   V   Z   Y   V   Z   Y   Ministry's Copy				
	CARREST A CONTRACTOR				



Ministry of the Environment

Imperial

Mall Tan No. (Place Sticker and/or Print Below)

Tag#: A146325

Well	Record
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Regulation 903 Ontario Water Resources Act

Page	of	

Address of Well Location (Street Number/Name)	Township	Lot	Concessi	on (7)	
231 Wight Ces.	City/Toyun/\/illogo	/5	Drovinco	Postal	F
County/District/Municipality/	City/Town/Village		Province Ontario	Postal	Code
UTM Coordinates Zone Easting Northing	Municipal Plan and Suble	ot Number	Other		
NAD 8 3 17708 092 488226					
Overburden and Bedrock Materials/Abandonment Sealing F General Colour   Most Common Material	<b>Record</b> (see instructions on the Other Materials	back of this form)  General Description	7	_ '	h ( <i>m/ft</i> )
$\overline{}$	——————————————————————————————————————			From	10 4)
BEOWN CLAY STONES.					
GRET CCAY INDICES				<u> </u>	10 00
BUCCUL SHUD) Y GUGUEL					
				<u>—122—1-124.001000100010110001610010</u> 1011111	<b>₽</b>
		\$ \$ \$ \$ \$ \$		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		 	~\\\.\.\.\.\.\.\.\.\.\.\.\.\.\.\	······································	
	181919VVAA-1/AIAA1/-AIAA			.1===1=4.1.4.1.4.1.4.4.4.4.1.111.WHWWHWHWHWH	
		} } }	vivivvoivvivvovoivvivvoi	· • • • • • • • • • • • • • • • • • • •	
Annular Space			ell Yield Testin Draw Down	I	COVOTV
Depth Set at ( <i>m/ft</i> )  From  To  Type of Sealant Used  (Material and Type)	Volume Placed (m³/ft³)	After test of well yield, water was:  Clear and sand free	Time Water Le	<del> </del>	ecovery Water Level
1) 20' BENONINE SUNA		Other, specify	(min) (m/ft) Static	(min)	(m/ft)
		If pumping discontinued, give reason:	Level /		
			1	1	
		Pump intake set at (m/ft)	2	2	
		Pumping rate (I/min / GPM)	3	3	
	II Use ommercial ☐ Not used	56.1.11	4	4	
☐ Rotary (Conventional) ☐ Jetting ☐ Domestic ☐ Mu	unicipal Dewatering	Duration of pumping  hrs + Omin	5 7/2	<b>7</b> 5	20 /
	st Hole	Final water level end of pumping (m/ft,			<u> </u>
☐ Air percussion ☐ Industrial		47.	10 07.1	10	52.1
Other, specify Other, specify	CIALIA E VALATI	If flowing give rate (I/min / GPM)	15 33	15	26.4
Inside Open Hole OR Material Wall Depth (m/ft)	Status of Well  Water Supply	Recommended pump depth (m/ft)	20 37	<b>/</b> 20	21.9.
Diameter (Galvanized, Fibreglass, Thickness (cm/in) Concrete, Plastic, Steel) (cm/in) From To	· · · · · · · · · · · · · · · · · · ·	70	25 39	/ 25	18.1
11/4 STEEL 1891 0 7	☐ Test Hole ☐ Recharge Well	Recommended pump rate (I/min / GPM)	30 4/2	7 30	14/
2/4 0/264 /64M	☐ Dewatering Well☐ Observation and/or	54,PM	40 2/7	40	13.
	Monitoring Hole	Well production (I/min / GPM)	50 67	<b>/</b> 50	
	Alteration (Construction)	Disinfected?		<u> </u>	w
	Abandoned, Insufficient Supply	Yes No		60	
Construction Record - Screen  Outside Material Depth (m/ft)	☐ Abandoned, Poor Water Quality	Please provide a map below following	ell Location instructions on the	e back.	
Diameter (Plactic Calvanized Steel) Slot No.	☐ Abandoned, other,				
71, ( Q ) Q Qn -	specify		TURNA (III AND AND AND AND AND AND AND AND AND AND	Mataniana (n. 1884)	as baraningo v <del>ocala in the</del>
<u> </u>	Other, specify				
Water Details  Water found at Depth Kind of Water: Fresh Untested	Hole Diameter  Depth ( <i>m/ft</i> ) Diameter	$  \mathcal{A}  $	NATO		
/> (m/ft) Gas Other, specify	om To (cm/in)	d			
Water found at Depth Kind of Water: Fresh Untested	2 80 0/4				
(m/ft) Gas Other, specify					
(m/ft) Gas Other, specify					
Well Contractor and Well Technician Info				()"	**************************************
Business Name of Well Contractor	Well Contractor's Licence No.		A	This could be a second of the	
Business Address (Street Number/Name)	Mugiejpality	Comments:			
467 Emzy Mack RD.	CHIEMEE				
Province Postal Code Business E-mail Address		Well owner's Date Package Delivere	ad www.ww.	istry Use	ONIV
Bus.Telephone No. (inc. area code) Name of Well Technician (Last Na	ame, Filst Name)	information package Deliver	1 ATM (1 a) 1 A A A A A		2 7 /1 7
705 799 0649 MM And		Date Work Completed			720付5/
Well Technician's Licence No. Signature of Technician and/or Contracto	or Date Submitted	Yes No Zd/4/9			
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Ministry of

☐ Metric

☑ Imperial

Well Tag No. (Place Sticker and/or Print Below) the Environment

Well Record

/Tag #: A171338

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Regulation 903	Ontario Water	Res	ourc	es Ac	t
7	Page	1	٠ŧ	2	

	ocation (Street Number/Name) りののしなっこのら	<b>1</b>	ownship NoP€	Lot / 5	Conces	sion	
County/District/M	<u></u>	C	City/Town/Village	)	Province	Postal	l Code
	um Berrane	~~~~~~~~~~~~~~~~~~~ <del>~~~~~~~~~~~~~~~~~~</del>	GARDEN		Ontario	Lo	AIBO
UTM Coordinates	Zone Easting Nor		Nunicipal Plan and Subl	ot Number	Other		
**************************************	Bedrock Materials/Abandon		rd (see instructions on the	e back of this form)			
General Colour	Most Common Material	Oth	er Materials	General Description	on	Dep From	olh ( <i>m≰t</i> ) ∐To
				TOP 50,0	in the state of th	٥	
BROWN	CLAY	SANC	C			l l	<b>18</b>
Beaun	らみかり	CLAY	***************************************	***************************************	**************************************	18	42
GRET	GRAUGL	CHA	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			42	150
Co Re Y	G RAUGE	SA~O	, CLAY			150	158
GREY	LIMESTONG				·····	158	164
	<u> Salamanannannan ar er er en manannan manannan manana ar ar ar ar ar ar ar ar ar ar ar ar ar</u>		· · · · · ·	**************************************			, <del>-  </del>
			T-A   T	**************************************			777777777777777777777777777777777777777
		······································	—		'		***************************************
	Annular S	space		Results of V	/ell Yield Testi	ng	
Depth Set at (ma			Volume Placed (m³/ft³)	After test of well yield, water was:	Draw Dow	n Re	ecovery
Ø 20	· · · · · · · · · · · · · · · · · · ·	······································	, , , , , , , , , , , , , , , , , , ,	Clear and sand free  Other, specify	Time Water L (min) (m/k	^^_ <u> </u>	Water Level (m/t)
		> CC/28CY	**************************************	If pumping discontinued, give reason	Static 38	65	159
	·		**************************************		1 45	1	≀57
***************************************	······································	//////////////////////////////////////		Pump intake set at (m/ti)	2 49	2	155
				Pumping rate (I/min / GPM)	3 50	) 3	153
***************************************	Construction	Well Us		7			150
Cable Tool Rotary (Convent	☐ Diamond ☐ Publi ional) ☐ Jetting ☑ Dom		_	Duration of pumping	4 5 Ca	····· <u>├</u>	
☐ Rotary (Reverse ☐ Boring	) ☐ Driving ☐ Lives ☐ Digging ☐ Irriga		e	hrs + > min Final water level end of pumping (md)		5	148
Air percussion	☐ Indus	strial	aran Conditioning	159	10 /0		139
Other, specify		r, specify		If flowing give rate (I/min / GPM)	15 88	15	130
Inside Oper	Construction Record - Casin  Hole OR Material Wall	n <b>g</b> Depth ( <i>m/ffi</i> )	Status of Well  Water Supply	Recommended pump depth (m/ft)	20 99	20	121
Diameter (Galv	ranized, Fibreglass, Thickness rete, Plastic, Steel) (cm/p)	From To	Replacement Well	165	25 100	25	111
64 5	1666 188	0 458	☐ Test Hole ☐ Recharge Well	Recommended pump rate	30 1/5	30	105
/ ~ ^ .	······································		☐ Dewatering Well☐ Observation and/or		40 1'34	40	- C <sub>1</sub> 1
STG Q	JV PIOCE	158 164	Monitoring Hole	Well production (I/min (GPM)	50 148	·	79
			☐ Alteration (Construction)	Disinfected?		<u>.</u>	
			☐ Abandoned, Insufficient Supply	Yes 🔥 No		7   60	<u>68</u>
Outside	Construction Record - Screen	n Depth ( <i>m/fl)</i>	Abandoned, Poor Water Quality	Please provide a map below following	/ell Location instructions on the	ve back,	<del></del>
Diameter (Plastic	c, Galvanized, Steel) Slot No.	From To	Abandoned, other, specify	2			
	9X				1	í	
***************************************			Other, specify	(x) WELL to ROAD - B WELL to HOUSE -50%	.5	Kn-1	
	Water Details	H	ole Diameter	WELL TO HOUSE TO DO	93	1	
	pth Kind of Water: Fresh 😿	<del></del>	n (m/ft) Diameter To (cm/in)	5			
Water found at De	Gas Other, specify		1/1/	<i>S</i> / ,	<i>~~</i>		
	Sas Other, specify		167 0	3/ >	$\sum_{i}  \Box_{i} ^{2}$	١ 'لح	
	pth Kind of Water: Fresh	Untested		1	[_] Tila	. e.e.	
(m/ft) [] (	Sas Other, specify				T Hox	old Z	7
Business Name of \	<b>(</b> )	<del>^</del>	Contractor's Licence No.				I
	/A/	r-10-2-10-2-10-10-10-10-10-10-10-10-10-10-10-10-10-	1635			}	·
	Street Number/Name) いららししいの	Mur	TICIPALITY AUAN	Comments:			
Province	Postal Code Business E	-mail Address					
DOT!	LOALCO			Well owner's Date Package Delivere		nistry Use	Only
705799	inc. area code) Name of Well Tec	innician (Last Name, F	rirst Name)	package 201409	30 Angit No	139	ONC
- New residence with the control of	nce No. Signature of Technician	and/or Contractor Date	Submitted	Yes Date Work Completed			
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Process of the second s	* All Hon	Suremen	is in	feet		
(V) Ontario	Ministry of Well Tag	g Number -	man same there and	below)		Well Record
	he Environment	in the state of th	m il an		Regulation 903 Onta	ario Water Resources Act
Instructions for Completin	g Form		735	7		page of
For use in the Province of	of Ontario only. This docum	ent is a permar	nent <b>legal</b>	document, Pl	ease retain for future refe	erence.
<ul> <li>Questions regarding com</li> </ul>	npleted in full to avoid delays pleting this application can b	oe directed to th	ne Water V	istructions and Vell Managen	nent Coordinator at 416-2	235-6203.
<ul> <li>All metre measurements</li> <li>Please print clearly in blue</li> </ul>	s shall be reported to 1/10	th of a metre.			Ministry Use Onl	
r lease print clearly in old	c of black link offig.		MIIN	CC	00	LOT
Address of Wall Leastion (County	/District/Municipality)	Lown	Salla		LOL	Concession
Address of Well Location (County)		1	Hope		\\\\\	
RR#/Street Number/Name	and Ave.		twTown/Vill			nt/Block/Tract etc.
GPS Reading NAD Zon	e Easting Nort	hing Ur	nit Make/Mo	del Mode	of Operation: Undifferent	
8 3 1 Log of Overburden and Be	edrock Materials (see ins		Mage	nan	Dilleterida	eu, specify
General Colour Most common				Genera	l Description	Depth Metres (
Brown Toos	oil					06
Brown Cla		<u>d</u>		Pac	kod	6 26
Grey Clar				<u>Der</u>	15e	36 101
Brown Coarse	Water Gravel	35and			)S<	101 104
	AAAAAA					
Hole Diameter	Cons	struction Recor	d			Well Yield
Depth Metres Diameter From To Centimetres	Inside Material	Wall thickness	Depth	Metres	I diffpling toot meaner	aw Down Recovery Water Level Time Water Level
D 20 8"	diam (viaterial centimetres	centimetres	From	То	SUB PUHP min Pump intake set at T Static	1 2
0 104 6"		Casing			(metres) 80 Ft Level	+100
	Steel Fibreglass Plastic Concrete		0	NINL	(litres/min) \ & GPH	
Water Record	Galvanized Galvanized	- 100	<u> </u>	107	Duration of pumping 2 hrs +  min	3' 2 \'
Water found of Water	Steel Fibreglass	3			Final water level end	4 3 +2
Gas Salty Minerals	Plastic Concrete Galvanized				of pumpings metres  Recommended pump 4	5' 4
Other:	Steel Fibreglass	3			type. Deep	5. 4
☐ m ☐ Fresh ☐ Sulphur☐ Gas ☐ Salty ☐ Minerals	Plastic Concrete				Recommended pump 5 depth. metres	6 5
Other: Sulphur	Galvanized	Screen	,	<u> </u>	Recommended pump 10 rate.	6' 10
Gas Salty Minerals	Outside Steel Fibreglass	s Slot No.			rate. (litres/min) 15  If flowing give rate - 20	15
Other:After test of well yield, water was	Plastic Concrete				(litres/min) 25	25
Clear and sediment free	Galvanized	0			If pumping discontinued, give reason.	30 40
Other, specify	Open hole	Casing or Scree	<b>∌</b> [1		50	50
Chlorinated Yes No		·			60	60 + 2
Plugging and So	ealing Record Annul	Volume		In diagram belo	Location of We we show distances of well from ro	
From To	tonito Slurry	(Cubic I	apu	Indicate north by		DIANOAK !
0 20 201	IDING SIGHT				WRIGHT CES WOO	/N
					. / .3	
				ر ( - ع		
	Method of Construction			1	1742' = 4	
Cable Tool Rotary	(air) Diamond	_	Digging	Hovs	s-by w	BST.
Rotary (conventional) Air per Rotary (reverse) Boring			Other	オデ	TINE SIE	CR#10
Twomestic Industr	Water Use rial □ Public Sup	only [7]	Other			LK#10
Stock Comm	ercial Not used				Poto Wo	ell Completed
☐ Irrigation ☐ Munici	Final Status of Well	air conditioning		Audit No. <b>Z</b>	24814	2005 100 100
Nater Supply Recharge w			ned, (Other)	Was the well of package deliver	wner's information Date Delega	livered YYYY MM DD
Test Hole Abandoned	I, poor quality Replacem	ent well			Ministry Use Or	
Name of Well Contractor	ntractor/Technician Informat	tion Well Contractor's Lic	cence No.	Data Source	Contrac	
Herb Lang M Business Address (street name) nym	Jell Drilling Ltd	<u>336</u>	<u>/</u>	Date Received		Inspection YYYY MM, DD
		Mee, KC Well Technician's Li	cence No.	Remarks	0 8 2005	cord Number
Name of Well Technician (last name,	$C_{\lambda}$	T- 263		Nemana	AAGII IVO	
Signature of Technician/Contractor	ı.	266 5 TYYY	06/20			
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	* 411	Monaila	ment:	s infe	et	A CONTRACTOR OF THE PROPERTY O	
	Ministry of he Environment	Tag Nı	The state of the s	mher below)	Regulation 903	Well F Ontario Water Res	Record
Instructions for Completin		Aoa	2737	72	(egalation 300		of
• For use in the <b>Province</b> of	of Ontario only. This doc	cument is a perma	anent <b>lega</b>	document. Pl	ease retain for future	e reference.	of their forms
<ul><li>All Sections must be com</li><li>Questions regarding com</li></ul>	pleting this application ca	an be directed to	g. Further i the Water	nstructions and Well Managen	d explanations are ava nent Coordinator at 4	allable on the back ( 416-235-6203.	or this form.
All metre measurements     Please print clearly in blue		/10 <sup>th</sup> of a metre.			Ministry Use		
			MIN	CC	ON	LOT	
Address of Well Location (County)		Tow	LLODE Washib	<b>.</b>	Lot	5 Concession	·n
RR#/Street Number/Name	Rd	C	ity/Town/Vi		Site/Compa	rtment/Block/Tract	etc.
GPS Reading NAD Zon	Easting 674	Northing 4881264	Init Make/M	odel Mode	· ·	ifferentiated Averentiated, specify	eraged
Log of Overburden and Be	drock Materials (see				I Description	Depth	Metres
General Colour Most common  Brown Clay	material Othe	rivialeriais		Poc	Ved *	From	a)
Gred Clay		<u> </u>		Der	15C .	3)	102
Brown Coorse	Water Son	d	L	ose_	With Pres	35Ure 100	
		and the state of t					
							-,
Hole Diameter		onstruction Reco	rd		Tes	t of Well Yield	
Depth Metres Diameter From To Centimetres	Inside diam Material	Wall thickness	Depth	Metrop	Pumping test method	Draw Down Time Water Level Tin	Recovery ne Water Level
() 20 8"	centimetres	centimetres	From	То	SUB PUNP Pump intake set at r		n Metres
D 107 6"	, Steel Fibre	Casing		:	(metres)	Level O	+111+
, m	6 4 Plastic Conc	ایسریسی ا	D	107	(litres/min) 15 Gp	2 12' 2	10,
Water Record Water found Kind of Water at Metres	Galvanized Steel Fibre				hrs + min		
Gas Salty Minerals	Plastic Conc	rete		·	of pumping metres	3 13' 3	
Other:	Steel Fibre	glass			Recommended pump type.    Shallow   Deep	4 4	
Gas Salty Minerals	Plastic Conc	rete			Recommended pump depth. O metres	5 5	
m Fresh Sulphur	Stainlesse	Screen			Recommended pump, rate.	10 10	
Gas Salty Minerals Other:	Outside diam Plastic Conc	rete	107	1111	(litres/min)  If flowing give rate -	15 15 20 20	)
After test of well yield, water was	5" Galvanized	#16	10 /		(litres/min) If pumping discontinued, give reason.	25   25   30   30	
Other, specify		No Casing or Scre	en		ded, give reason.	40     .40       50     .50	
Chlorinated Yes No	Open hole					60 13' 60	- · · ·
Plugging and Se  Depth set at - Metres Material and type	ealing Record  oe (bentonite slurry, neat cement	slum/) etc Volume	andonment e Placed		Location of well from the control of	om road, lot line, and	building.
From To	tonite Sur	(CUDIC	GAL	Indicate north by	GARDEN A	Him CR#	9 🖊
				不			
:					Mics	يذروس و	
	ý			.5	·	2001	50
Cable Tool Rotary (	fethod of Construction (air)	nd 🔲	Digging			E	
Rotary (conventional) Air perc	cussion Jetting	. –	Other			J L	WELL
<b>▼</b> Domestic Industria	Water Use al □ Public	Supply	Other		LARUSE CE		·
Stock Comme		ed —— g & air conditioning		Audit No.	OAOOE Dat	te Well Completed	1414 55
✓ Water Supply ☐ Recharge we	Final Status of Well ell	hed Abando	ned, (Other)	Was the well ov	24835 Date of the property of	te Delivered YYYY	MM DD
	insufficient supply 🔲 Dewat			package delivere		3005	516413
	tractor/Technician Inform		cence No.	Data Source	Ministry Us Co	ntractor	
Business Address (street name, humb	Jal Drilling L	14 22/3	5/	Date Reseived	XYYAA MM DD Dat	te of Inspection YYYY	MM DD
Name of Well Technician (last name,	1/KK#1,Um	emee Ko Well Technician's L	icence No	Date Received Remarks	2 2005	ell Record Number	
Signature of Achnician/Contractor	1	T-263	2	I Comarks			è
x Nalkang	Contractor's Copy	2005	0630	ner's Copy	Cette f	ormule est disponib	le en français
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	nistry of Well Tag N		ents in		Well Record
Instructions for Completing	Form	A0241	24	<b></b>	page of
<ul> <li>For use in the Province of</li> <li>All Sections must be comple</li> <li>Questions regarding comple</li> </ul>	Ontario only. This document leted in full to avoid delays in eting this application can be of shall be reported to 1/10 <sup>th</sup> o	n processing. Further in directed to the Water	instructions and	l explanations are available o	on the back of this form.
Well Owner's Information an		nation MUN	cc		LOT
RR#/Street Number/Name  GPS Reading NAD Zone	se Cres.	City/Town/V	oten Hi	Site/Compartment/	38 H
8 3 \ Log of Overburden and Bedi	rock Materials (see instru	ictions)	11Ch	Differentiated	I, specify  Depth Metres
Brown Clay	aterial Other Mater	ials		Description	From To
Grey Clay Grey Gravel+	Clay Colobles	Isand	D'	ense emented	25 116 116 122
Brown Coarse	Note Sand	L	Occe	With Pressur	
<u>&gt;-</u>			,		
			p of the second		
Hole Diameter	Constru	uction Record		Test of We	мания ( , , , , , , , , , , , , , , , , , ,
Depth Metres Diameter From To Centimetres		Wall Depth thickness entimetres From	Metres To	SIR DIND Time W	v Down Recovery Vater Level Time Water Level Metres min Metres
0 20 8"	LI Steel Fibreglass	asing		Pump intake set at - Static (metres) 22H Level Pumping rate - 1	2 1 117
Water Record	Plastic Concrete Galvanized	0 881.	122	(litres/min) 4 G PA Duration of pumping 2 In hrs + 30 min	5'5" 2 116
Water found 1 Kind of Water at 1 Matres 1 Fresh Sulphur	Steel Fibreglass Plastic Concrete			Final water level end of pumping \(\frac{1}{2}\) metres	7'8" 3 114'
Gas Salty Minerals Other:  m Fresh Sulphur	Galvanized  Steel Fibreglass			Recommended pump 4 type.	11'2" 4 111'
Gas Salty Minerals Other:	Plastic Concrete Galvanized	Screen		Recommended pump 5 depth. 2 metres  Recommended pump 10 rate.	15'1" 5 109" 30' 10 103'
☐ Gas ☐ Salty ☐ Minerals ☐ Other:	Outside Fibreglass	Slot No.	126	(litres/min) 15  If flowing give rate - 20	40' 15 78' 47' 20 72'
After test of well yield, water was Clear and sediment free Other, specify	5" Galvanized	# 14 122	120	(litres/min) 25 Figure 1	55 '5" 25 88' 55 '4" 30 85'
Chlorinated Ves No	Open hole	sing or octeen		50 60	16 6 50 GG
Plugging and Seal Depth set at - Metres Material and type (				Location of Well v show distances of well from road	
Prom 10	tonito slurry		Indicate north by	#9 e GARDAN HIS	N N
Me	thod of Construction		Mic	Les House	iwa _
☐ Cable Tool ☐ Rotary (air ☐ Rotary (conventional) ☐ Air percus ☐ Rotary (reverse) ☐ Boring	· <u> </u>	Digging Other		War Ca	
Domestic       ☐ Industrial         ☐ Stock       ☐ Commerci         ☐ Irrigation       ☐ Municipal	☐ Public Supply ial ☐ Not used		Audit No. Z	33045 Date Well	Completed MM PB
Water Supply ☐ Recharge well ☐ Observation well ☐ Abandoned, in	Unfinished sufficient supply Dewatering	Abandoned, (Other)	Was the well ov package delivere	vner's information Date Delive	ered yyyy MM DD
Test Hole Abandoned, po  Well Contra  Name of Well Contractor	actor/Technician Information		Data Source	Ministry Use Only Contractor	
Business Address (street name, humber	iell Drilling 24d	nee, Koldwa	Date Received		pection YYYY MM DD
Name of Well Technician (last name, fire Signature of Secular Contractor	st name) Well	Technician's Licence No.	Remarks		rd Number
Signature (1990)	i i	2005 12 15	wner's Copy	Cette formule	est disponible en français

Well Tag Number ( (V) Ontario Ministry of Well Record the Environment Regulation 903 Ontario Water Resources Act A027705 Instructions for Completing Form page \_\_\_\_ of For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.

All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.

All metre measurements shall be reported to 1/10th of a metre. Please print clearly in blue or black ink only. Ministry Use Only Northum ber land Hope RR#/Street Number/Name
8175 Wood Lund
GPS Reading NAD Zone City/Town/Village Site Compartment/Block/Tract etc. Ave Hill Carden Unit Make/Model Magellan 4 Averaged //30 Easting 708/46 Zone Northing Mode of Operation: Undifferentiated 8 3 4881359 Differentiated, specify Log of Overburden and Bedrock Materials (see instructions) Most common material Other Materials General Description Metres To From Brown Clay Sand 40056 4.8 0 Grey Sand (Fine) 4,8 15.0 4005 R Blue 15.0 **2**2.5 Saturated (Fine 30,3 C/as 30,3 31,5 Grey (Fine) 42,0 31,5 Grey Gravel (Mixed) 好多,4 **Hole Diameter Construction Record Test of Well Yield** Metres Diameter Draw Down Pumping test method Inside Wali Depth Metres Recovery From Centimetre Material diam thickness Time Water Level Time Water Leve Pump Metres entimetr centimetres From То min 0 20.0 Pump intake set at (metres) 4/4 Casing 6 **好学,4**\*16.5 (metres) Pumping rate 7,8 eteel Fibreglass 40.1 1 ¥¥,4 (litres/min) / 7,6 15,24 Plastic Goncrete 0 Duration of pumping **Water Record** 39,8 Galvanized 2 / hrs + 0 ater found Metre Kind of Water Steel Fibreglass Final water level end 9.6 39.4 Fresh Sulphur of pumping netres Plastic Concrete Salty Minerals Galvanized Recommended Other: 39.1 10.5 4 Steel Fibreglass . \_\_\_ m Fresh Sulphur Plastic Concrete Gas Salty Minerals 11.4 38.8 5 Other Galvanized Recommended oump Sulphur Minerals \_\_\_\_ m Screen 37.1 10 15.9 10 Salty Outside rate. (litres/min If flowing give r 35.6 34.2 15 20.4 15 Steel Fibreglass Slot No. Other 20 24.9 Plastic Concrete After test of well yield, water was 32.8 31.4 (litres/min 29,4 35,4 Galvanized Clear and sediment free If pumping discontinued, give reason. 30 30 Other, specify\_ 28.8 No Casing or Screen 40 39.0 40 40.5 50 50 Chlorinated 🗹 Yes 60 60 Plugging and Sealing Record Annular space Abandonment Location of Well - Metres | Material and type (bentonite slurry, neat cement slurry) etc. In diagram below show distances of well from road, lot line, and building. ndicate north by arrow 0 - N **Method of Construction** Rotary (air) Cable Tool Diamond Digging Prive way Rotary (conventional) Air percussion □ Jetting Other #8175 Rotary (reverse) Boring ☐ Driving Water Use Domestic ☐ Industrial☐ Commercial bodland Public Supply Stock Not used Irrigation Municipal Cooling & air conditioning 29613 100103 Final Status of Well Was the well owner's information Water Supply Recharge well Unfinished MM package delivered? ☐ Dewatering ☐ Replacement well Observation well Abandoned, insufficient supply 2006 10(104 Test Hole Abandoned, poor quality Ministry Use Only Well Contractor/Technician Information Name of Well Contractor
Hard Roc Well Prilling Data Source Well Contractor's Licence No. 7099 Address (street name, number, ci Burrett Rd. tc:)

R3 Stirling Kak SE O

Well Technician's Licence No.

T-0145 MM DD KOK 3EO of Well Technician (last name, first name) Well Record Number

2014 013/

Cette formule est disponible en français

Contractor's Copy Ministry's Copy Well Owner's Copy

(A) O		Ministry of the Environment	Well 7	1	1335	nt number below)	Regulati	on 903 Ontari		Record
Instruction	s for Completin	na Form		A Ø	27935	<del>`</del>			page	1 of 1
<ul><li>For use</li><li>All Section</li><li>Question</li><li>All metron</li></ul>	in the Province ions must be come regarding come measurement print clearly in blu	of Ontario only.  npleted in full to a  pleting this applic  s shall be repor	This document is void delays in protection can be directed to 1/10th of a	a perr rocessi ected to	manent <b>lega</b> l ng. Further in o the Water	I document. P	d explanations a ment Coordina	re available d	n the back o	f this form.
Well Owner	r's Information	and Location o	f Well Informa	tion	MUN	C	ON		LOT	
RR#/Street Nu					City/Town/Vil	lane	Site/	5 P/20		d tc.
SO64 GPS Reading	COLDWELL NAD Zon	e Easting	Northing		Unit Make/Mo	HILL odel Mode	AOFIBO of Operation:	C Undifferentiate	ed Ave	raged
Log of Ove	8 3 1/1 rburden and Be	770825		9 <i>50</i>	ETRE	EX		Differentiated		
General Colour			Other Materials	· · · · · ·		Genera	l Description		Depth From	Metres To
BLACK	TOPSOIL								0	.3048
	BOULDERS		·			·			,3048	41.15
	ISOULVERS								41.15	42.07
	LIMESTONE								44.20	46.03
· · · · · · · · · · · · · · · · · · ·			<u> </u>							
		-								
	Diameter letres Diameter		Constructi				Pumping test m	Test of We		Recovery
From	To Centimetres	Inside diam M centimetres	aterial thic	Vall kness metres	Depth From	Metres To	Fumping test in	Time W	ater Level Time Metres min	Water Level
0 40	6.03 15.9	Continues	Casi			10	Pump intake se (metres)		2.4	Words
	- 1		Fibreglass	00	0	44.20	Pumping rate - (litres/min)		3-5 1	110.0
Water found	r Record	/5.9 ☐ Plastic ☐ Galvai	Concrete , 42	30	U	HUMB	Doration of pum	ping 2 /	1.0 2	38.0
Water found at Metres	Kind of Water Fresh Sulphur	1 1=	Fibreglass				Final water leve	min and a l	3.9 3	37.0
	Salty Minerals	Galva	nized				of pumbifig 7 Recommended	netres	0.4 4	35.9
	Fresh Sulphur Salty Minerals	I	Fibreglass				type. Shallow Recommended	Deep	1.0 5	34.0
Other:	<del></del> .	Galva					depth.45.0	netres	2.0	
Gas 🗆	Fresh Sulphur Salty Minerals	Outside Steel		een ot No.			Recommended rate. (litres/min	15 /	10 6, 9 15	30,0
Other: After test of wel	l yield, water was	Plastic	Concrete				If flowing give re (litres/min	2	<b>9.5</b> 20 4 8 25	274
Clear and se	1	Galvar	~No Casing	or Scr	een.	85. V 2	If pumping disco ued, give reason	1 1 0 8	0.8 30 5.0 40	23.0
Chlorinated <b>K</b>		Open		,	44.20	46.03		50 4	0.0 50	219
	Plugging and Se	aling Record	Annular space	D A	bandonment		Loca	ا 60 ا در tion of Well	1.9   60	20.0
Depth set at - Me From T	<del></del>	e (bentonite slurry, nea		Volum	ne Placed c metres)	In diagram below Indicate north by	show distances o		lot line, and bu	ilding.
0 6.	10 BENSE	AL SLURR	x <b>y</b>	. 340	06869		+	N +		
						Co				9
		ethod of Constru	ction			dwe	·			
Cable Tool Rotary (conve	. =	<u> </u>	☐ Diamond ☐ Jetting ☐ Driving		Digging Other				· 	
Domestic	∏Industria	Water Use	Public Supply		Other		_/			
Stock	Commei Municipa	_	☐ Not used ☐ Cooling & air condi	_		Audit No. <b>Z</b>	29948	Date Well Co	ompleted	(1 <sup>12</sup> 1 <i>7</i> ?
₩ Water Supply  Observation v			Unfinished Dewatering	Abando	oned, (Other)		ner's information	Date Delivere	2006	MM DD
Test Hole	Abandoned,		Replacement well				Minist	ry Use Only		
Name of Well Co	<u> </u>	<u> </u>	Well Conf	tractor's L	icence No.	Data Source		Contractor	715	6
IBUSINESS Addres	s (street name, numb	er, city etc.) .		ma	mo	Date Received	2°0   2006 °	Date of Inspe		MM DD
	chnician (last name, fi				Licence No.	Remarks		Well Record	Number	
Signature of Tro	hplciab/dentry cto	7	D-4- O-4	:41	02/6	3				
0506E (09/03)	THE THE PERSON NAMED OF	Contractor's			Well Own	er's Copy 🗌	<u> </u>	ette formule e	st disponible	en français

♥ Ontario	Ministry of the Environment	ve' <u>,a</u> 015.		nt number below)	Pagulati	on 002 Onto	Well R	ecord
Instructions for Completi	ng Form	A0194	21			on 903 Ontari		Surces Act ≥ of 3
For use in the Province     All Sections must be cor     Questions regarding cor     All metre measurement     Please print clearly in blue	npleted in full to avoid ipleting this application is shall be reported to	delays in processing can be directed to	ng. Further o the Water	instructions or	nd explanations ament Coordina	are available o tor at 416-23	n the beat of	this form.
Please print clearly in blu     Well Owner's Information		II I - 6	MUN		Minist	ry Use Only		
NORTHUMBERLA	AND			IOPE		Lot /6	Concession	7
RR#/Street Number/Name  3856 LARROS  GPS Reading NAD Zon			City/Town/Vi		:	Compartment/E		).
Log of Overburden and Be	708545	4881270	Unit Make/M S <i>PoRT -</i>	TRAL Mod	e of Operation:	Undifferentiated,		nged
General Colour Most common		her Materials		Genera	al Description		Depth From	Metres To
BROWN CLAY	<u> </u>		To	P SOIL			0	.9
GREY CLAY	GRA	VEL			-		.9 5.4	5,4 33
BROWN GRAVE.	L SAN	/D					33	34,5
					-			.t
					:		I second	
Hole Diameter		C					7704944	
Depth Metres Diameter From To Centimetres	Inside Material	Construction Reco	Depth	Metres	Pumping test m		Down Re	covery
O 34.5 /6.8	diam Material centimetres	thickness centimetres	From	То	Fum P	min   N	ter Level Time Metres min	Water Level Metres
	Steel Fib	Casing reglass			(metres) 24 Pumping rate -	Level 1	7   1	4.8
Water Record	55 Plastic Cor	ncrete .48	0	34.5	(litres/min) 22	ping 2	3 2	4.2
Water found at Metres Kind of Water 34.5m K Fresh Sulphur	Steel Fib	·			hrs +O	and - 5	<b>.6</b> 3	3.6
Gas Salty Minerals Other: 407785784	Galvanized	eglass			of pumping Recommended type.	etres	3.9 4	3,3
m Fresh Sulphur Gas Salty Minerals	Plastic Cor				Shallow Recommended	ump 5 1	, <b>2</b> 5	2.7
Other: Sulphur	Galvanized	Screen			depth. 30 m Recommended rate.		10	2.1
Gas Salty Minerals Other:  After test of well yield, water was	Outside Steel Fibr	crete	31.8	34.5	(litres/min) If flowing give ra	e- 20 <b>5</b>	. 4 15 . 7 20	1.5
Clear and sediment free	/5 Galvanized	No Cooling or Sour			(litres/min) If pumping disconued, give reason.	30	30	
Chlorinated Y Yes No	Open hole	No Casing or Scree	en			50	50	
Plugging and Sea			andonment		Local	ion of Well		. 9
FIUII 10	bentonite slurry, neat cemen	(cubic	Placed metres)	In diagram below Indicate north by	show distances of arrow.	well from road, I	ot line, and build	ling.
0 6 -2-0	XUIN THINGS	(04)		Well-	115	· •		
	**			Wellto	Road- 120 House-18	LA	RROSE	
	the description			Wellto	House-18	(è	1 (15)	
Cable Tool Rotary (a Rotary (conventional) Air percu	·	<u>                                   </u>	Digging Other					NHILL
Rotary (reverse) Boring	□ Drivin Water Use	• -	Ziller		ç	ty RD 9	narde	<u> </u>
Domestic Industrial Stock Commerce	□· <del>••</del> •		Other				· · · · ·	
	Coolin	ng & air conditioning		Audit No. Z	19706	Date Well Con	npleted	0 28
	sufficient supply 🔲 Dewa	tering	ed, (Other)	Was the well own package delivered	ner's information l? Yes VN	Date Delivered	YYXY N	4M DD
Test Hole Abandoned, po  Well Contr  Warme of Well Confractor	actor/Technician Infor	mation Well Contractor's Lice	ence No	Data Source		Use Only Contractor		
KOBERT KUTH WELL Business Address (street name, number		4635	1100 110.	THE STATE OF THE S		Date of Inspect	335	M DD
Name of Well Technician (last name, firs	t name)	Well Technician's Lic		MAR 1 { Remarks	5°2006 L	Well Record N		IM DD
Signature of Technician/Contractor		Date Submitted YYYY	MM DD		:			
0506E (09/03)	Contractor's Copy		OZ   28     Y Well Owne	r's Copy 🗌	Ce	tte formule est	disponible en	français

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Ministry of the Environment Well Tag Numbe

A 031940

Well Record Regulation 903 Ontario Water Resources Act

## **Instructions for Completing Form**

A031940

For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.

All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.

All met     Please	re measuremen print clearly in bl	its shall be	e reported to 1/	10 <sup>th</sup> of a met	re.	or well manage	Ministry Us			o. 	·
Wall	- I - C	* *			The state of the s				-	Ī	
NOOTH	OMBERLA	y/District/Mt	inicipality)		Township L	IOPE	Lot	16	Conc	essior	07
RR#/Street No	ımher/Name				City/Town/	Village	Site/Comp		nt/Block/T		
GPS Reading	Arrose (		ng N	orthing	CAM PI Unit Make/	BELL CROP	. 7	differenti			
Log of Ove	8 3 / rburden and B		3633 4	1881/351	2	· · · · · · · · · · · · · · · · · · ·	·		ed, specify	Ave	aged
General Colour	Most common			Materials	1	Gener	al Description		De		Metres
					To				Fr	om	To .
BROWN	CLAY		SAND			-				6	4.8
WHITE	CLAY								4.	8	33
BROWN	GRAVEL		SAND						3		36
Nhowit	GKAVEL	* 4	SHNU			j.	1	· · · · · · · · · · · · · · · · · · ·		<b>5</b>	37.2
THE RESERVE OF THE PERSON OF T											
Hole I	Diameter						ì				
	etres Diameter	Inside	Col	nstruction Re Wall	Depth	Metres	Pumping test method		ell Yield w Down	R	ecovery
	To Centimetres	diam centimetres	Material	thickness centimetres		То	Pump		Water Leve Metres		Water Leve Metres
	37.2 16.8			Casing			Pump intake set at - (metres) 36	Static Level	4.2		30.9
		10.5	Steel Fibreglas	1 1			Pumping rate - (litres/min) 22.5	1	5.1	1	29.4
Water	Record	/5.5	Plastic Concrete Galvanized	48	0	37.2	Duration of pumping	2	6	2	27.9
Water found at Metres /	Kind of Water Fresh Sulphur		Steel Fibreglas				hrs + O min	12	6.9	3	27
Gas	Salty Minerals		Plastic Concrete Galvanized				of pumping 9 metres				
	Fresh Sulphur		Steel Fibreglas				Recommended pump type.  Shallow Deep  Recommended pump	4	7.8	4	25.2
Gas Other:	Salty Minerals		Plastic Concrete Galvanized				Recommended pump depth. 36 metres		8.4	5	25.2
	Fresh Sulphur			Screen			Recommended pump	10	12	10	21.3
Other:	Salty	Outside diam	Steel Fibreglas	1			(litres/min) If flowing give rate -		14.4	15 20	18.3 15
After test of well Clear and se	yield, water was diment free	15.2	Galvanized	20	34.5	37.2	(littes/min) If pumping discontin-	25 30	18 19.5	25	12.3
Other, specif	y		No	Casing or Sc	reen		ued, give reason.		21.3	30 40	10.5
Chlorinated	Yes No	[	Open hole					50 60	23.1	50 60	5.4 4.2
	Plugging and Se	aling Reco	r <b>d 🛚 🛣</b> Annu		Abandonment		Location o				
Depth set at - Me	) Iviaterial and typ		urry, neat cement slun	(cub	me Placed ic metres)	In diagram below Indicate north by	v show distances of well from	om road	d, lot line, a	nd bui	lding.
0 6	BENTO	ONITE GRO	SLURRY	<b>'</b>			:	MILL	S.	13	agent.
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							80 3	12	hou>	, bed	
<u> </u>							6	م س	Well &	100	
X Cable Tool	Rotary (a		onstruction Diamond		Digging				. }	1	
Rotary (conver		ussion	☐ Jetting ☐ Driving		Other	Well_	_124' + CT	ry Ro	). 10	+	
<b>▼</b> Domestic	□ Industria	Water			71	11	· · · · · · · · · · · · · · · · · · ·			•	
Stock	☐ Industria	rcial	Public Sup		Other						
Irrigation	Municipa	Final Statu		air conditioning		Audit No. <b>Z</b>	19729 Date	a Well C	Completed YYY <b>ධර</b> ල	<b>(</b>	MM DD
Water Supply Observation w	Recharge we	ll insufficient su	Unfinished		loned, (Other)	Was the well ow package delivered	THE CONTRACTOR	e Delive		ΥΥ	MM DD //3
Test Hole	Abandoned, p	ooor quality	Replacement	ent well			Ministry Use	Only	<u> </u>	i_	(1-1)
Name of Well Gor	tractor \		, V	Vell Contractor's		Data Source		ntractor	6 2	ス に	
Business, Address	(street name, numbe	DRILLIN	· ·	463		Date Received MAR 6	YOYYOL MM DD Date	e of Insp	63		MM DD
Name of Well Tec	hnician (last name, fil	K.# J. し rst name)	avan. On	LoA Vell Technician's		MAR I D		II Recon	d Number		
Doug Toch	uth		D	T-1839 ate Submitted YYYY	/ \						
XI Jan	<u> </u>			2005	1201	Lacrio Carri T			oot d!-	JET-	n form
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	inistry of e Environment	we A 0236	1	number below)	Regulatio	in 903 Ont	Well Ro Pario Water Reso	
structions for Completing	· · · · · · · · · · · · · · · · · · ·	A0236	58					of
For use in the <b>Province o</b>	f Ontario only. This	document is a perma	anent legal	document. Ple	ease retain for	future ref	erence.	Alai a fa
All Sections must be comp Questions regarding comp	leting this application	on can be directed to	the Water V	structions and Vell Managem	explanations a ent Coordinat	re available or at 416-	e on the back of 235-6203.	this form
All metre measurements Please print clearly in blue	shall be reported	to 1/10 <sup>th</sup> of a metre.				ry Use Onl		
ell Owner's Information a		ell Information	MUN	CO			LOT	
	Last Name	/ Maj	ling Address	(Street Number	/Name, RR,Lot	,Concessio	on)	
R#/Street Number/Name			City/Town/Villa	age	Sure/C	omparime	envBlock/Tract etc	C.
R#/Street Number/Name LA ROSE CR PS Reading NAD Zone	Easting	Northing U	<b>りかぞのと</b> Jnit Make/Mo	del Mode	of Operation:	Undifferen	mtiated Avera	aged
8 3 /7	7 98337	4881100	GARM	והית		Differentia	ated, specify	Sm
eneral Colour Most common n		Other Materials		General	Description		Depth From	Metre To
BROWN TOPSOIL					İ		0	,60
ROWN CLAY,	STONE						,60	9.7
RET. CLAY, .	STONE						9.75	36
BROWN SAIND,	SILT, CL	AY, GRAU	EL.				3627	45
KAUEL - SANL					:		17.77	
		A 1 1						
Hole Diameter		Construction Reco	ord			Test of	Well Yield	
Depth Metres Diameter	Inside	Wall	Depth	Metres	Pumping test m	nethod D	raw Down R	Recovery Water L
From To Centimetres	diam Mater centimetres	thickness centimetres	From	То	Pymi	P min	n Metres min	
0 45.72 15.9		Casing			Pump intake se (metres)		2.13	116
	Steel Plastic	Fibreglass Concrete		-	Pumping rate (litres/min)		2.74 1	4,5
Water Record	/5.9 ☐ Galvanize	188W	0	45.72.	Duration of pur	ping 2 min	335 2	33
Ater found Metres Kind of Water  5 De Fresh Sulphur	Steel Plastic	Fibreglass Concrete			Final water level of pumping.	el end 3	<b>3.96</b> 3	2.4
Gas Salty Minerals Other:	Galvanize				Recommended	metres pump 4	4.57 4	J.á
m Fresh Sulphur	Steel Plastic	Fibreglass Concrete			type. Shallow Recommended	pump 5	<b>4.57</b> 5	2.1
Gas Salty Minerals Other:	Galvanize	d			depth. 39 4	rhetres		
m	Outside Stool	Screen   Fibreglass   Slot No.			rate. (litres/mir	า)   15		
Other: fter test of well yield, water was	diam Plastic	-			If flowing give r			+
Clear and sediment free	Galvanize				If pumping discoud ued, give reason	ontin- 30	30	
Other, specify	Open hold	No Casing or Scre	en			40 50		
hlorinated Yes No	Open hole			:		60		
Plugging and Se	aling Record e (bentonite slurry, neat ce	ment slum() etc Volum	pandonment ne Placed	In diagram below	F	ation of W of well from re	road, lot line, and bu	uilding.
From To Waterial and typ	WINE Scuer	(Cabic	metres)	Indicate north by	arrow.	2		切
O GOOT BENING	WITE SCHOOL			N,				P.
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					7	r-n	Guerri	J.
	lethod of Construct				7502	720	GNEDE	-
Cable Tool Rotary ( Rotary (conventional) Air perc		Diamond Jetting	Digging Other		747	·		
Rotary (reverse) Boring	Water Use	Driving						1
Domestic Industria	al 🔲 I		Other Other		1	-		1
Stock Comme  Irrigation Municip	al 🔲 (	Not used Cooling & air conditioning		Audif No. <b>Z</b>	33308	Date We	ell Completed	
Water Supply Recharge we		Unfinished Abando	oned, (Other)	Was the well ov	vner's information	Date De		MM
Observation well Abandoned, Test Hole Abandoned,		Dewatering Replacement well		package delivere				
Well Contractor	tractor/Technician I	Well Contractor's I	Licence No.	Data Source	Minis	Contrac		
BURGESS WELL		5 1455		Date Received	YYYY MM	Date of	Inspection YYYY	
	mee,		ANO	APR 2 (	2006	~ ·		IANA
ame of Well Technician (last name,	first name)	Well Technician's	) [	Remarks	, <del>. • •</del>	Well Re	ecord Number	
IANG BERT.	the state of the s				-			
ignature of Technician/Contractor		Date Submitted	" MR 97					

♥ Ontario	Ministry of the Environment Well Tag Number (Place	e sticker and print number below)	Regulation 903 Ontar	
<ul> <li>All Sections must be</li> <li>Questions regarding</li> <li>All metre measurer</li> </ul>	ce of Ontario only. This document is a perma completed in full to avoid delays in processing completing this application can be directed to ents shall be reported to 1/10th of a metre.	g Further instructions an	id explanations are available o	on the back of this form
Manage print cleany in	blue or black ink only.	Milh	ON ON	LOT
Northumberlan RR#/Street Number/Name  GPS Reading NAD	1 0	Init Make/Model  Magellan	Site/Compartment/	ed Averaged
	Bedrock Materials (see instructions)  non material Other Materials		Differentiated	Depth Metres From To
	*Abandonment of 1			
Hole Diameter  Depth Metres Diame From To Centime	tres diam Material thickness	Depth Metres	Time	/ Down Recovery /ater Level Time Water Le
	centimetres   centimetres   Casing	From To	Pump intake set at - Static (metres) Level	Metres min Metres
	Steel Fibreglass Plastic Concrete		Pumping rate - 1 (litres/min)  Duration of pumping 2	1 2
Water Record Water found Kind of Water Metres Kind of Water	- I I I I I I I I I I I I I I I I I I I		hrs + min Final water level end 3	3
m Fresh Sulp Gas Salty Mine Other:	Galvanized Galvanized		of pumping metres Recommended pump 4	4
m Fresh Sulp	Directio Concrete		type. Shallow Deep  Recommended pump 5  depth. metres	5
Other:	Screen		Recommended pump 10	10
Gas Salty Mine Other:  After test of well yield, water wa	diam Plastic Concrete		If flowing give rate - 20 (litres/min) 25	15 20 25
Clear and sediment free Other, specify	Galvanized  No Casing or Scre	en	If pumping discontinued, give reason.	30 40
Chlorinated Yes No	Open hole		50 60	50 60
		andonment	Location of Well w show distances of well from road	lot line, and building.
O 4 Nat	ral Fill  plug	metres) Indicate north b	y arrow.	1 #ID N
20 60 3/4	Stone  Method of Construction		to Elizabethville  Gorde  Jooft	r ( #9
	tary (air) Diamond Dercussion Jetting	Digging Other	Just	tothyz
Stock Co	mrnercial Not used Cooling & air conditioning  Final Status of Well	Audit No. Z	32079 Date Well Co	2005 11 2
Observation well Abando Test Hole Abando Well	ned, insufficient supply Dewatering Dewatering Replacement well  Contractor/Technician Information  Well Contractor's Li	package deliver	Ministry Use Only  Contractor	2000
Business Address (street name, P.O. Box 850  Name of Well Technician (last na	rumber, city etc.)  Fenelon Falls Ont KOM 1NO me, first name)  Well Technician's Li	Date Received NOV () Remarks	7 2006 Date of Insp	pection YYYY MM D
Signature of Technician/Contract  X  0506E (09/03)	Date Submitted YYYY  Contractor's Copy Ministry's Copy	MM DD	Cette formule	est disponible en franç

	Ministry of the Environment	ag Number (Place sticker and p	rint number below)	Regulation 903 Ontari	Well Record o Water Resources Act
<ul> <li>All Sections must be conjugated and a conjug</li></ul>	of Ontario only. This docun mpleted in full to avoid delay npleting this application can ts shall be reported to 1/10 ue or black ink only.	vs in processing. Further be directed to the Wate	instructions and	explanations are available dent Coordinator at 416-23  Ministry Use Only	n the back of this form.
Well Owner's Information	and Location of Well Inf	ormation   More			
Northu, berland RR#/Street Number/Name Cty Rd 9  GPS Reading NAD 20 813 17		City/Town/ Garde rthing Unit Make/ 881227 Magel	n H111 Model Mode	Site/Compartment/ of Operation: Undifferentiate	ed Averaged
Log of Overburden and E General Colour Most commo	edrock Materials (see in	structions) Materials		I Description	Depth Metres From To
		nment of Well	80Ft Dee	P	
					\$
Hole Diameter	Cor	nstruction Record		Test of We	ell Yield
Depth Metres Diameter From To Centimetre	Inside	Wall Depth thickness centimetres From	Metres	Time W min Pump intake set at - Static	v Down Recovery Vater Level Time Water Level Metres min Metres
Water Record	Steel Fibreglas Plastic Concrete Galvanized			(metres)   Level	2
Water found at Metres Kind of Water m Fresh Sulphu Gas Salty Minera Other:		9		Final water level end of pumping metres  Recommended pump 4 type.   Shallow   Deep	3 4
m   Fresh   Sulphu   Gas   Salty   Minera   Other:   m   Fresh   Sulphu   Gas   Salty   Minera	S Plastic Concrete	Screen		Recommended pump 5 depth. metres  Recommended pump 10 rate. (litres/min) 15	10 15
Gas Salty Minera Other:  After test of well yield, water was Clear and sediment free Other, specify	diam Plastic Concret	1 1		If flowing give rate - 20 (litres/min) 25 If pumping discontinued, give reason. 40	20 25 30 40
Chlorinated Yes No	Open hole			50 60	50 60
Plugging and	Sealing Record Ann	ular space Abandonmen		Location of Well	
Depth set at - Metro  Material and   From   To   Material and   80   20   3/4   20   5   Ho1   5   4   Cem	ype (bentonite slurry, neat cement slu Stone plug	rry) etc. Volume Placed (cubic metres)	Indicate north by		d, lot line, and building.
Cable Tool Rota Rotary (conventional) Air p Rotary (reverse) Borir	ercussion Jetting	☐ Digging ☐ Other	toab	ethville \$ Gare	to to
16.3	mercial Not used		Audit No. <b>Z</b> .	kanteen	Completed 2005   111   23
Test Hole Abandon		ing /		wner's information Date Deliv	ered YYYY MM DD
Name of Well Contractor  G. Hart & Sons  Business Address (street name, nu	Well Drilling Lt mber, city etc.) enelon Falls Ons e, first name)	Well Contractor's Lidence No.	Data Source  Date Received  NOV	7 2006 Date of Ins	2662 pection YYYY MM DD
Name of Well Technician (last nam Lean Jim Signature of Technician/Contracto X (Law w 1996) 0506E (09/03)	the property of the state of th	Date Submitted YYYY MM DO			rd Number e est disponible en français

and the second s	<i>+</i>	<u>lu Measu</u>	rem	en15 in	Imper	(CU)	
	Ministry of the Environment	I Woll Tag	2234	vr holow()			Record Resources Act
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For use in the <b>Province</b>	of Ontario only. Th	nis document is a perma	anent l <b>eg</b> a	al document. Pl	- lease retain for futur	re reference.	
<ul> <li>All Sections must be con</li> <li>Questions regarding com</li> </ul>	npleted in full to ave	oid delays in processing	g. Further the Water	instructions and Well Managen	d explanations are ava nent Coordinator at	ailable on the bacl 416-235-6203.	of this form.
<ul> <li>All metre measurement</li> </ul>	s shall be reporte	d to 1/10th of a metre.	liic Water	VVCII Widilagon	Ministry Us		
Please print clearly in blu			MUN	CC	ON	Lo	OT TO
Well Owner's Information	and Location of	well information					
			warman				
RR#/Street Number/Name	wer ian		City/Town/V		Site/Compa	artment/Block/Trac	t etc.
Woodland	Est.		Gar	den H	1/1		
GPS Reading NAD Zor	e Easting		Jnit Make/N		• •	differentiated/ erentiated, specify	Averaged
Log of Overburden and Be	edrock Materials						fee
General Colour Most common	material	Other Materials			l Description	Depth From	To
Brown Sar	4			Pac	ckod	0	24
Grey Clar	1				rse,	24	69
Grey Sar	n'd	Gravel		- Pag	ckod	69	771
Brown Grav	vel	Sand	<u> </u>	Vater	Bearing	<u> </u>	12
						)	
Hole Diameter		Construction Reco	rd	feet	Tes	st of Well Yield	
Depth Metres Diameter	Inside	Wall	Depth	-Metros	Pumping test method		Recovery
From To Centimetres	diam Mat	erial thickness centimetres	From	То	SUB PUMP	1 1	ime Water Level nin Metres
0 20 8"	Contamolica	Casing			Pump intake set at - (metres)	Static	
0 72 6"	Steel	Fibreglass			Pumping rate -	1 1 1/0'	1 16
	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	Concrete 88	$\bigcap$	72	(litres/min) 66PH	<del>                                     </del>	2 156"
Water Record Water found + Kind of Water	Galvaniz	zed			3_hrs+30mir		2 156
12   Fresh   Sulphur		Fibreglass  Concrete			Final water level end of pumping	3 168"	3 5
Gas Salty Minerals Other: UNHESTEC	Galvaniz				Recommended pump	4 16/82	4 14'6"
m Fresh Sulphur	1 -	Fibreglass			type. Shallow Deep		
Gas Salty Minerals Other:	Plastic Galvaniz	Concrete			Recommended pump depth. 65 mbtes	5 16'9"	5 14
m Fresh Sulphur		Screen			Recommended pump rate. 5		10
Gas Salty Minerals Other:	Outside Steel	Fibreglass Slot No.			(litres/min)  If flowing give rate -	- /A	15 20
After test of well yield, water was	Plastic	Concrete			(litres/min)		25
Clear and sediment free	Galvaniz				If pumping discontin- ued, give reason.		30 40
Other, specify		No Casing or Scre	en			1//	50
Chlorinated Yes No	Open ho	DIE			<u> </u>	60 17 5	60 14
Plugging and Se		Value	andonment e Placed		Location		معالماليا الم
From To	pe (bentonite slurry, neat o	cubic (cubic	metres)	In diagram below Indicate north by	v show distances of well f arrow.	rom road, lot line, at	a bullating.
0 20 Ben	tonite 51	uriy 100	SAL	LLOT	LIM		$\int_{\mathbf{A}}$
		ŧ		<b>\</b>	•	contin	/ /N
				<b> </b>	,	CKAID	
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	Method of Construc	tion		\ ,5	₹ :Ho	الكلا	
Cable Tool Rotary	_	·	Digging Other				
Rotary (conventional) Air perd		Driving —	Other		WILL		
	Water Use	I D. L. E. C	Other				
Domestic	=	Public Supply	Other	W000	LAND" EST	4	
☐ Irrigation ☐ Municip	al Final Status of We	Cooling & air conditioning		Audit No. <b>Z</b>	47171 Pa	te Well Completed	1/3/13
✓ Water Supply ☐ Recharge w	ell 🗌	Unfinished	ned, (Other)		mer a morniguor	te Delivered YYY	Y MM DD
Observation well Abandoned, Test Hole Abandoned,	insufficient supply poor quality	Dewatering Replacement well		package delivere			4107119
Well Con	tractor/Technician	Information	conce No	Data Source	Ministry Us	e Only	
Name of Well Contractor	Drilling 1	Well Contractor's Li	cence No.	Data Source		3367	7
Business Address (street name, numb	per_city etc,)			Date Received	5 2007 MM DD Da	te of Inspection YYY	Y MM DD
Name of Well Technician (last name,		Well Technician's L	icence No.	Remarks		ell Record Number	
Hiller Snott		Date Submitted	<u> </u>				
Signature of Technician/Contractor	· · · · · · · · · · · · · · · · · · ·	2006	18 Pg				
0506E (09/03)	Contractor's C	opy 📶 Ministry's Copy 🕻	Well Ow	ner's Copy	Cette f	ormule est disponi	ые en français
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	and the second s	3-1				
Ontario Ministry of the Environment	Well To North-Or		t number below)	Population (	Well F 903 Ontario Water Res	Record
Instructions for Completing Form	A 032	and the same of th		Kegulation s		ources A
• For use in the <b>Province of Ontario</b> only. The	nis document is a pern	nanent <b>legal</b>	document. F	니 Please retain for fut	ure reference	
<ul> <li>All Sections must be completed in full to av</li> <li>Questions regarding completing this applica</li> <li>All metre measurements shall be reporte</li> </ul>	tion can be directed to	o the Water V	structions ar Vell Manage	id explanations are a ment Coordinator व	available on the back o at 416-235-6203.	f this form.
<ul> <li>Please print clearly in blue or black ink only.</li> </ul>				Ministry U	Jse Only	
Well Owner's Information and Location of	Moll Information	MUN		CON	LOT	
		WAS IN				
POLT HOPE RR#/Street Number/Name		City/Town/Villa		Lo	15 8	
808/ CALDWELL COUR	Northing		NHILL		partment/Block/Tract et	
	4881963	Gnz	MIN	- Instrument	ndifferentiated Aver ifferentiated, specify	aged 5/27
Seneral Colour Most common material	Other Materials		Gener	al Description	Depth	Metres
BLACK TOPSOIL		,			From	
BROWN SANDY CLAY			<u> </u>		.60	12.8
BREY. SANDY, CLAY BET. CLAY & STONE SAND & BRAVEL.		1	700		12.80 32.61	32.
SAND & SPAUEL.					44.50	
Hole Diameter	Construction Reco					
Depth Metres Diameter Inside	Wall	Depth	Metres	Pumping test method	st of Well Yield  Draw Down Re	ecovery
From To Centimetres diam centimetres Mate	rial thickness centimetres	From	То	Pump.	min Metres min	Water Leve Metres
	Casing			Pump intake set at - (metres) 43.2 Pumping rate -	Static Level —	
Plastic				(litres/min) 22.73		29.87
Water Record /ater found Metres	d /88U	0	44.19	Duration of pumpinghrs + min	2 <b>2.59</b> 2	28.46
Salty   Minerals   Galvanize				Final water level end of pumpingmetres		26.57
Other: Steel Sulphur	Fibreglass			Recommended pump type.	4 5.18 4	24.68
Gas Salty Minerals Plastic Galvanize				Recommended pump depth. 43.2 metres	5 670 5	23.46
m Fresh Sulphur Outside Gas	Screen			Recommended pump	10 /0.36 10	021.03
Other: Steel Clark  Other: Plastic Plastic		144.00	40000	(litres/min)  If flowing give rate - (litres/min)	15 /3 8 0 15 20 /5.33 20	18.39 15.84
Clear and sediment free  Other, specify  Galvanize		44.19	45.72	If pumping discontinued, give reason.	25 /7.64 25 30 20, / 30	14.08 11.73
nlorinated Yes No Open hole	No Casing or Scre	en			40 <i>23.77</i> 40 50 <i>27.67</i> 50	9.11
		andonment ]	<u></u>		60 30.78 60	5:79
epth set at - Metres   Material and type (bentonite slurry, neat cer	ment slurry) etc. Volume	Placed Ir	n diagram below ndicate north by	Location show distances of well fi	of Well rom road, lot line, and buil	ding.
0 6.09 BENTONITE SCHE	ey			unty 9		
			: V	Market Comments	GARDEN HILL	
				N - :	ESTATES .	- Section -
Method of Construction	on was a supplied		4	W :	3	$\bigcirc$
			2		CALDWEL	20
B-4	riving			Son.	Cour	<b>,</b>
Domestic Industrial Pr	ublic Supply	Other		Č		
	ooling & air conditioning		udit No.	36172 Dat	e Well Completed	Μ, DD
Water Supply ☐ Recharge well ☐ U <sub>I</sub>	nfinished Abandone		/as the well own	ner's information Dat	e Delivered YYYY 1	MM DD
T	placement well		agnage delivered	Ministry Use	2 <i>00</i> 6   6	) K
ne of Well Contractor	Well Contractor's Lice	-	ata Source	Cor	e Only htractor	-
SUPSES WELL DRICLING iness Address (street name, number, city etc.)  LE41 OMEMEE, ON		Da	ate Received 1	Syyy MM DD Date	e of Inspection YYYY	MM DD
ne of Well Technician (last name, first name)	Well Technician's Lic	ence No.	emarks	We	II Record Number	
nature of Technician/Sortiractor	Date Submitted	2		the section of		
(1802	2006 I	MM DD		7.5		

♥ Ontario	Ministry of the Environ	ment Well	_A 03;	ZD#T	lumber below)	Regulation 903 Ont	Well F	Record
Instructions for Comple			A030				page	of _
	ompleting this	application can	ys III proces he directed	sing. Furthe		Please retain for future refand explanations are available tement Coordinator at 416-2		f this form
<ul> <li>Please print clearly in I</li> <li>Nell Owner's Information</li> </ul>	olue or black i	nk only.	o or a met	MUNI		Ministry Use Onl	у	
				I BALIKI I				
A / 2 2	ny/District/Within	cipality)		ownship		Lot	Concession	
NOBTHUM BEA	- Table 1			トルップ と City/Town/\		Site/Compartmen	6	
	one Easting	Nor	thing	Unit Make/I	Nodel Mo	de of Operation: Undifferenti		And w
og of Overburden and I	コラックロタ Bedrock Mat	ਕੇਡਾ/ │	ଣ ମ /୮୨/୨୩ tructions)	<u> </u>	mial	Differentiate	ed, specify 9	M/
eneral Colour Most commo		Other M	aterials		Gene	ral Description	Depth From	Metres To
BROWN CLAY &	25704	<i>ES</i> .					0	1206
BROWN COAR	SE SA	~δ.					17.06	43.8
							43.89	74.80
Hole Diameter		Cons	truction Rec	ord		Test of We	ell Yield	
Depth Metres Diameter From To Centimetres	Inside diam	Material	Wall thickness	Depth	Metres	Pumping test method Drav	v Down Re	covery
0 44.80 15.9	centimetres		centimetres	From	То	Pump intake set at a Chair	Metres min	Water Leve Metres
		Steel Fibreglass	Casing		1	Pumping rate - 1	0.36	27.43
Water Record		Plastic Concrete	106.	0	43.89	(litres/min) 2/5.4/6  Duration of pumping 2	1 4	
Atter found Kind of Water Metres Fresh Sulphur		Steel Fibreglass	188W		75.81	hrs +Omin		26,21
Gas Salty Minerals Other:		Plastic  Concrete Galvanized				of pumping 95 metres		25:29
m Fresh Sulphur Gas Salty Minerals		Steel Fibreglass				type. Deep		24.14
Other:		Galvanized				deptit 4 3 6 metres	3.86 5	23.86
m Fresh Sulphur Gas Salty Minerals Other:	Outside diam	teel Fibreglass	Screen Slot No.					JO.72 18.89
er test of well yield, water was Clear and sediment free		Plastic Concrete -	/0	112 00	1111.00	If flowing give rate - 20	10.11 20	17.37
Other, specify	10.1		/2 asing or Scre	4/3.89 een	44.80	If pumping discontinued, give reason 30	-	14.62
lorinated Yes No	C	pen hole			ar r	50	50	10.97
Plugging and Se		Annular	_	andonment	· · · · · · · · · · · · · · · · · · ·	Location of Well	60	10.36
From To Material and typ		, neat cement slurry)	etc. Volum (cubic	e Placed metres)	In diagram below Indicate north by	show distances of well from road	lot line, and build	ing.
0 B.07 BEATT	ONITE S	SLUERY				<b>A</b>		
				*		N. W.		
		<u> </u>	4			9	1/2	7
M Cable Tool ☐ Rotary (a	ethod of Cons				10	Course		2/
Rotary (conventional) Air percentage (Rotary (reverse) Boring		☐ Diamond ☐ Jetting ☐ Driving		Digging Other		FROST. / GARCE	WHILL ATES.	
omestic   Industria	Water Us	Public Supply		Other		191		**************
tock Commer		☐ Not used ☐ Cooling & air o			A			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Vater Supply Recharge wel	Final Status o		Abandon			36082 Date Well Co.	2006 10	M 2007
bservation well Abandoned, i est Hole Abandoned, p	nsufficient supply oor quality	☐ Dewatering ☐ Replacement v	<u> </u>	100 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1	Was the well owr package delivered			Z 2Z
Well Contractor	actor/Technic	ian Information	Contractor's Lic	ence No	Data Source	Ministry Use Only	593-43	
unces S WELL ness Address (street name, numbe	r, city etc.)	UNG	1455	·	Pate Received	Contractor	455	
of Well Technician (last name, fin	SEE O	NT, K	02-24/ Technician's Lic				1	M DD
	****	VVCII.	Leci inician S Lic	CITUE INO.	Remarks	Well Record N	lumber	
ture of Technician/Contractor	<i>J</i>	Date 9	- 1866 jubmitted					

Ministry of the Environment and Climate Change

☐ Metric

Imperial

Well Tag No. (Place Sticker and/or Print Below)

**Well Record** 

Tag#: A250228

Regulation

n	903	Ontario	Water	Res	ourc	es A	lct
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, todiose of them zerotation (second temperature)					То	wnship	Lot Concession						
3695 GANGRASILA RD.  County/District/Municipality  Ci					PORT HOPE			Province Postal (		Code			
NORTHUM BERCAND					i	CAMPBELLCROFT			Ontario 山口口口 1 1		D 1 30		
UTM Coordinates Zone Easting Northing NAD 831777078114881349					I	unicipal Plan and Sublot	i Number		Other				
						d (see instructions or the	back of this ferm						
General Cole	www.commonwere	Most Comm	and the state of t	<u>ayanamanaaanaa ahaanaa ahaa</u>		er Materials	With the control of t	General Description			Dep From	th ( <i>m/tt)</i>	
BRILLIN		CLAY			SAN	60	MIXED				0	8	
GREY		CLA	¥		<b>,</b>						8	46	
RROW	v	GRAN			56	JW 2	COARSE				46	49	
												<u> </u>	
						<u>_</u>						<u> </u>	
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			AnnularS	OLD CHANGADAMAN AND AND AND AND AND AND AND AND AND A			A0 - 1 - 4 - 6	Reside of	นกระสมเสราสาร	o Testing aw Down	D	ecovery	
Depth Set From	at (m/ <b>ft)</b> To		Type of Seala (Material and			Volume Placed (m³/ft³)	Ŭ Clear and		Time	Water Level	Time	Water Level	
0	20	BE	NTUNI	<del>r e</del>		<b>B</b>	Other, spe		(min) Static		(min)	(m/ti)	
				-			i r pumping disc	continued, give reason:	Level		60	<u>37</u>	
							Pump intake se	et at (m#W	<u> </u>	29	'	31_	
							A	/7	2	31	2	_29_	
Metho	o o e	onstruction			Well Us	B	Pumping rate (	Vmin / GPM)	3 	32	3	<u> 28</u>	
Cable Tool		Diamond	· · · —	_	Commen	_	Duration of pur	nping	4	35	4	<u>27</u>	
Rotary (Co		al)	Dom		Municipa Test Hole			<u> </u>	5	33	5	<u>27</u>	
☐ Boring       ☐ Imigation       ☐ Cooling         ☐ Air percussion       ☐ Industrial			Cooling 8	3 Air Conditioning	Final water leve	el end of pumping <i>(m領</i> ) 구나	10	34	10	26			
Other, spe			, —	r, specify			If flowing give n	ate (Vmin / GPM)	15	34	15	26	
	ida, tid-Michildaren erreider b	orsinusion R	a gaga ang m <u>ana ang gan aga kanana manana</u>		(m.fe)	Status of Well  Water Supply	Basammanda	d numn dooth (mff)	20	34	20	26	
Inside Diameter <i>(cm/ft)</i>	(Galvani	ole OR Material zed, Fibreglass, e, Plastic, Steel)	Wall Thickness	Depth ( From	To	Replacement Well	Kecommended	d pump depth (mdb)	25	34	25	96	
<i>i</i>	_		(cm(n))			Test Hole Recharge Well	Recommended (I/min / GPM)	d pump rate	30	34	30	26_	
0	51		188		49	☐ Dewatering Well☐ Observation and/or		5	40	34	40	26	
					<del></del>	Monitoring Hole	Well production	(Vmin / CPM)	50	34	50		
				Alteration (Construction)	Disinfected?  Yes	No	60	34	60	<u> </u>			
		enstruction R				Abandoned, Insufficient Supply		Map of W	<u> </u>			<u> </u>	
Outside	<u> arkaratan kalamanan ka</u>	Material	ela Mille e mandane anna manana	Depth (	(m/ft))	☐ Abandoned, Poor Water Quality	11 - 1 '	e a map below followi	ng insti	ructions on t	he back	- Manage Manage and a service of the	
Diameter (cm(n)		Salvanized, Steel)	Slot No.	From	To	Abandoned, other, specify	Å	GARDEN	Hil	<b>ــ</b> ــ			
6	STA	1N LESS	#20	41	49	Other, specify		( 9 /	GAN	JARASIC P	R	2	
	S	TEEL			-		3695	•					
			• • •			ole Diameter	İ	(x)	Wel	1 to Ha	15E -	26	
		n Kind of Water is ⊡Other, <i>spe</i>		( Untested	Dept From	h (m/t) Diameter (cm/n)	<u> </u>	•		11 to Pa			
		Kind of Water	-	Untested	0	49 6/4	]	,	,				
		os Other, spe	<del></del>		•			1					
	-	n Kind of Water as □ Other, spe		Jontested -				(X)					
(m/ft) Gas Other, specify Well Contractor and Well Technician Information							•						
		ell Contractor	7 11 .	. ا ا		Il Contractor's Licence No.							
Robert Russ Well Dalling Utd 4 6 3 5  Business Address (Street Number/Name)  Municipality					Comments:								
	832 Wilson UNE CAUAN					-							
Province	<del>-</del>	Postal Code		HDDA IIISIII-چ سب			Well owner's	Date Package Deliver		the thirt of the transfer of the second contraction of the second cont	desum sammanania	e Only	
Bus.Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name)					First Name)	information package	840149015	30	Audit No.	<b>1</b> 28	9998		
7057		<u>S 3 4β </u> ice No. Signature	RUT ed Technician		tractor Da	te Submitted	delivered Yes	Date Work Completed					
T 1 a	9	2 Signature			I	MKIN & LO RID	II <u>`</u>	80 M9 03	<b>a</b>  6	JA Received	W <i>L</i> 3	2020	
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Ministry of the Environment, Conservation and Parks

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Well Ta

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Well Record

Regulation 903 Onta

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Page	( of	?

UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other  NAD   8   3   1   7   7   7   7   7   7   7   7   9   8   1   5   3   9    Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)	ode     8  ා
NORTHUMBER LAND UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number NAD   8   3   1   7   7   0   7   7   4   8   8   1   5   5   5    Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)	180
NAD   8   3   1   7   7   0   7   4   5   8   1   5   2   9    Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)	
Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)	
General Colour Most Common Material Other Materials General Description Depth	(m/fD)_
General Colour Most Common Material Other Materials General Description From	<u>` 16</u>
TOP SOLU D	_ <del></del>
<u> </u>	(09
OKCY SANDY CONY	74
GREY GRAVEL SAND COARSE 69	<del></del> -
	· <del></del>
Annular Space  Annular Space  People Set at (m/ft)  Type of Sealant Used  Volume Placed  After test of well yield, water was:  Draw Down Results of Well Yield Testing	covery
From To (Material and Type) (m³/ft³) [7] Clear and sand free Time Water Level Time V	/ater Level
Other, specify   Comping discontinued, give reason:   Comping discontinued, give r	(m/ttp)
Manufacture of the second recording the second reco	44_
	48
73	43_
Method of Construction Well Use	<u>-41</u>
Cable 1001	<u> </u>
□ Rotary (Reverse) □ Driving □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Livestock □ Test Hole □ Monitoring □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Test Hole □ Livestock □ Livesto	3/_
Air percussion Industrial	31
Construction Record - Casing Status of Well 5	29
Inside Open Hole OR Material Wall Depth (m/tip) Water Supply Recommended pump depth (m/tip) — The Diameter (Galvanized Fibrediass Thickness — Depth (m/tip) — The Diameter (Galvanized Fibrediass Thickness — Depth (m/tip) — The Diameter (Galvanized Fibrediass — Thickness — Depth (m/tip) — The Depth (m/tip)	<u>27</u>
(cm/n) Concrete, Plastic, Steel) (cm/n) From 10 Test Hole Recommended pump rate	<u> </u>
6 STEEL 188 0 24 Dewatering Well	25
Monitoring Hole    Well production (I/min / 6PM)   7.5	<u> 25</u>
Atteration   Disinfected?   Disinfected?	<u>as</u>
Insufficient Supply	<u> ೩                                   </u>
Construction Record - Screen  Outside Material  Depth (mb)  Depth	
Diameter (Plastic, Galvanized, Steel) Slot No. From To Specify	
6 STAINUSS 30 66 74 DOMESTICATION N	
STEEL Other, specify	
Water Details Hole Diameter  3   FIRST A(X)	
Water found at Depth Kind of Water: Fresh X Untested Depth (mft) Diameter    From   Fr	
Water found at Depth   Kind of Water:   Fresh   Untested   5 74   6 /4	ed [9]
(m/ft) ☐ Gas ☐ Other, specify Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water: ☐ Fresh ☐ Untested Water found at Depth Kind of Water f	s a a l
Water found at Depth   Kind of Water:   Fresh   Unitested   (X) Well to Road " (X) Well to House " (X) Well to House "	45'
Well Contractor and Well Technician Information  Well Contractor  Well Contractor  Well Contractor's Licence No.	, 5
Robort Puth Worldening Ltd 4 6 3 5	
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Province Postal Code Business E-mail Address	<u> 1818 elimitatuan elimin</u>
Well owner's information package    Well owner's information package   Well owner's   Well owner's   Well owner's   Well	Landa (1977) - 10. — (1977) - (1974) - (1974) - (1974)
Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted  Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted  Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted	<b>20</b>
0506E (2018/12)    Control	Ontario, 2018

Ministry of the Environment Tag#: A184654 Well Well Record Ontario and Climate Change Regulation 903 Ontario Water Resources Act A184654 surements recorded in: 🗌 Metric 🕱 Imperial Well Owner's Information E-mail Address 755104 Ontario Limited and Rd. Janetville by Well Owner Mailing Address (Street Number/Name)
1173 Fleetwoo Province Postal Code Telephone No. (inc. area code) Fleetwood ON <u>LOBN KO 7053408212</u> Well Location Township
Hope
wn/Villa Address of Well Location (Street Number/Name) Concession no civil # Woodland County/District/Munic TownWillage Garden Postal Code Province Northumberland HiIIOntario LICIAIIBO Municipal Plan and Sublot Number Sublot 3 Plan 9 | Coordinates | Zone | Easting | Northing | NAD | 8 | 3 | 1 | 7 | 7 | 0 | 8 | 4 | 8 | 4 | 8 | 1 | 9 | 4 | 0 Other 9M732 Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form) Depth (m/ft) From | To General Colour Most Common Material Other Materials General Description Brown 0 SONC 3 Brown <u>so</u>f 3 and 17 151 hand 152 Annular Space Results of Well Yield Testing Depth Set at (m/ft) Type of Sealant Used After test of well yield, water was: Draw Down Volume Placed Recovery From (Material and Type) (m³/ft³) Clear and sand free Time Water Level Time Water Level Other, specify (min) (m/it) (m/ft) Static If pumping discontinued, give reason: 27.0 Level 1 87.0 28. Pump intake set at (m/ft) 85.2 160 31.6 3 82.1 Pumping rate (I/min / GPM) Method of Construction Well Use 4.5 Cable Tool Diamond 4 Public Commercial ☐ Not used 8120 Duration of pumping Rotary (Conventional) ☐ Jettina Domestic ■ Municipal □ Dewatering hrs+ 5 Rotary (Reverse) ☐ Driving 80.0 ☐ Monitoring Livestock Test Hole Boring ☐ Diagina ☐ Irrigation Final water level end of pumping (m/ft) ☐ Cooling & Air Conditioning 10 10 42.4 75. l Air percussion Industrial 97.3 Other, specify Other, specify 15 If flowing give rate (Vmin / GPM) 15 71.0 Construction Record - Casing Status of Well 56.4 Inside Diameter (cm/in) 66.0 Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) Depth (m/ft) Wall Water Supply Recommended pump depth (m/ft) Thickness Replacement Well 150 То 25 (cm/in) 63 62.8 ☐ Test Hole
☐ Recharge Well Recommended pump rate (Vmin / GPM) Steel . ISS 30 30 152 58.3 Dewatering Well 40 52.3 168 Observation and/or Well production (Vmin / GPM) Monitoring Hole 50 50 Alteration 87.8 47.9 Disinfected? (Construction) Yes No 60 43. Abandoned. Insufficient Supply Construction Record - Screen Map of Well Location Abandoned, Poor Outside Depth (m/ft) Water Quality Please provide a map below following Instructions on the back. Material Diameter (Plastic, Galvanized, Steel) Abandoned, other, From specify 10 Other, specify 160 Water Details **Hole Diameter** Water found at Depth Kind of Water: Fresh Luntested Depth (m/ft) Diameter (cm/in) From 83/4 20 (m/ft) Gas Other, specify 6 8/8 20 152 Water found at Depth Kind of Water: Fresh Untested (m/ft) Gas Other, specify Well Contractor and Well Technician Information Well Contractor's Licence No. 7101 Well Drilling ades Municipality Comments Lindsay Business E-mail Address Well owner's Date Package Delivered Ministry Use Only Name of Well Technician (Last Name, First Name) information Audit No. **Z**234074 package delivered Y 1 1 6 0 9 1 Ted Franks Date Work Completed Yes Contractor Date Submitted OCT 2 1 2016 h 0 0 M M Y Y Y Y Y Nc Y | Y | 4 | 6 | 0 | 9 |

Ontario Ministry of the Environment and Climate Change

Well Tag No. (Place Sticker and/or Print Below)

Tag#: A 208688

Well Record
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Regulation 903 Ontario Water Resources Act

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Pa	age	of		

## BELFRY CUSTOM CARPENTRY

Address of Well Location (Street Number/Name) Township						Lot Concession					
Cty Rd 9 (Garanaka, Rd) Hope County/District/Municipality City/Towh/Village						Province Postal Code					al Code .
Northumberland Garden Hill					Ontorio						
	Zone Easting /   7   7   0   8   3	- 1	orthing   ♀   ♀   ↓   ↓		Municipal Plan and Sublo	t Number		Other			
Overburden and	Bedrock Materi	als/Abando	nment Se	aling Reco	<b>rd</b> (see instructions on th	T		DIG 6		Do	pth ( <i>m</i> /tt)
General Colour	Most Comn	non Material		Oth	ner Materials	Gener	al Description			From	10
Brown	Sand		<u>C</u>	Int		d 4 19				<u>O</u>	1.8
Grey	Clay		ξ,	. & &		Wet Dense		•		<u>1.8</u> 3.9	3.9
Gee	Clay			: 1 t		Wet Soft				33.8	42.7
Const	Limestone		Varia	<u>a-e-l, a</u>	) the say ( §	Fractured				42.7	46
-04-4	111100000000000000000000000000000000000	**				S Conda Cond Cond					
									1		
Depth Set at (m)	(A)	Annular Type of Sea		(5)(6)(5)(8)	Volume Placed	After test of well yield, w	lesults of We		d Testing aw Down		Recovery
From 10		(Material ar			(m³/ft³)	Clear and sand fro		Time	Water Lev	el Time	Water Level
.عا ٥	1 Bento	sile.	Helepi	'a		Other, specify  If pumping discontinued	dive teason:	(min) Static		(min)	(m/ft)
				<b>~</b>		I i pariping discortance	2, g140 1000011.	Level 1		1	42.46
						Pump intake set at (n)//	<del>(</del> )	2	8,00	2	10.68
						21,3			842		10.43
Method of	Construction			Well Us	<b>e</b>	Pumping rate (Vmirity GF	PM)	3	8.78	3	10,22
Cable Tool Rotary (Conventi	☐ Diamond onal) ☐ Jetting	l ∏ Pui ⊠i Doi		Comme	=	52.9 Duration of pumping		4	8.98		10.04
Rotary (Reverse) Driving Livestock				☐ Test Hole ☐ Monitoring ☐ Cooling & Air Conditioning		hrs + m Final water level end of		5	9.05	5	88.19
☐ Air percussion ☐ Industrial				11.82	pamping@m/	10	9.53	10	9.46		
Other, specify	Construction R	<u> </u>	er, specify		Status of Well	If flowing give rate (Vmin	/ GPM)	15	9.82	15	9.10
	Hole OR Material	Wall	<del></del>	n <i>(M</i> ft)	Water Supply	Recommended pump of	lepth (mg/ft)	20	10.69	20	8.76
	anized, Fibreglass, rete, Plastic, Steel)	Thickness (cn)/in)	From	То	Replacement Well Test Hole	23	-4-	25	10.34	25	8,44
15 5	tez)	0.556	40.6	43.4	Recharge Well Dewatering Well	Recommended pump r	ate	30	10.50	30	8.14
15 Oas	n Hole		43.4	46	☐ Observation and/or	37.8 Well production (//min)	GPM)	40	10.72	40	7.56
,	3 - 3 - 3 <u>-</u>				Monitoring Hole  Alteration	Disinfected?		50	10:90	50	7.01
					(Construction)  Abandoned,	X Yes No		60	11.03	60	6.87
	Construction R	ecord - Scr	een		Insufficient Supply  Abandoned, Poor		Map of W			146014614	
Outside Diameter (cm/in) (Plastic	Material c, Galvanized, Steel)	Slot No.	Depth From	n ( <i>m/ft)</i>   To	Water Quality  Abandoned, other,	Please provide a map	peiom ioliomi	ng instr	uctions on	the bac	K.
(GIVIII)			,		specify	N		Mouse	ماند ه	- American	
					Other, specify		·	AIR	/	/	CTI PA
	Water Det	ails	//////////////////////////////////////	l sections served H	lole Diameter						10
Water found at De	pth Kind of Water	: XFresh	Untested		th (m/ft) Diameter						
<u>५३.५ लि</u> (ft) □ ( Water found at De			Untested		6.1 25	Church					
(m/ft) 🔲 (	Gas Other, spe	cify				a maring and a mar	/	/			announce of the second of the
Water found at Depth Kind of Water: Fresh Untested  (m/ft) Gas Other, specify					J	didniffra (car/kounar	TO PERSONAL PROPERTY OF THE PERSONAL PROPERTY	TE 7 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<del></del>		
Well Contractor and Well Technician Information					3947 ( )	*4025				***************************************	
Business Name of Well Contractor Well Contractor's Licence No.					* * *						
Agratisch Dewaterna   3   4   1   3   4   1   1   1   1   1   1   1   1   1					Comments:					Palagon	
331 Rod	331 Rodines Rd Varahan										
Province Postal Code Business E-mail Address						ckage Delivere	ed			e Only	
Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name)					information package 701	(8 0 9	<b>1</b>			1653	
9   5   9   0   7   Well Technician's Lice	_/	Roche Ha of Technicia	لي الم n and/or Co	ంntractor Dat	te Submitted	Yes Date Wo	ork Completed		JAL		0000
3 4 3	16/1/2	115		1	0780909	□ No 2 3	1809	08	Received :	<u> 1804 - 1804 - 1</u>	20:9
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## Appendix E Conceptual Lot Layout

