

July 5, 2018

Ms. Brittany Robertson, P.Eng.
C.F. Crozier & Associates
40 Huron Street
Suite 301
Collingwood, ON
L9Y 4R3



Dear Ms. Robertson:

Re: Subsurface Characterization Program
Proposed Long Point Road Subdivision, Blue Mountains

It is proposed to develop a ± 22 -lot urban residential subdivision on a ± 2.2 ha parcel of land located within Part of Lots 20 and 21, Concession 1, Geographic Township of Collingwood, Town of Blue Mountains (Plan 529, Part Lot 85, RP16R2186, Parts 4, 5, 8 & 9). Figure 1 shows the layout of the site and surroundings.

It is understood that full municipal servicing will be available for the proposed subdivision.

As requested, a subsurface investigation was completed to identify the seasonal high watertable level, the soil profile and the bedrock surface level, and was conducted through the installation of three exploratory boreholes on June 7, 2018. An initial site reconnaissance was conducted May 18, 2018.

SITE SETTING AND GEOLOGICAL SETTING

The proposed subdivision is located on a ± 2.2 ha parcel of land located on the west side of Long Point Road, approximately 200m north of Highway 26. Frontage along Long Point Road is approximately 93m, and the depth of the site is approximately 237m. The site is currently mainly forested, and is undeveloped.

According to imagery provided by on-line Grey County Maps as well as topographical information provided by Ontario Base Mapping, the site exhibits a very shallow relief with an overall slope to the north. A northwards- flowing improved drainage course is mapped to be situated approximately in the middle of the site, as well as along the western edge of the site. Mapped wetlands are located to the west and the east of the site. Lands surrounding the site are undeveloped forest to the west, mainly forested rural residential lots to the north and south, and residential properties to the east along Long Point Road.

According to the Ontario Geological Survey Map P.919 "Quaternary Geology of the Collingwood-Nottawasaga Area", the upper soils in the vicinity of the site will consist of glaciolacustrine sand overlying sandy silt till and/or limestone bedrock.

The bedrock beneath the site consists of limestone of the Simcoe Group.

According to local historical water well records completed prior to the local supply of municipal water (i.e. late 1960's to early 1970's, copies attached), the overburden in the vicinity of the site is in the range of 3.7m to 8.5m deep. All historical well records in the vicinity of the site report obtaining groundwater from the limestone bedrock aquifer beneath the site. The overburden is locally of insufficient thickness to have provided a viable, secure source of groundwater for domestic use.

SUBSURFACE ASSESSMENT

Three boreholes were completed within accessible areas of the subject property on June 7, 2018. The boreholes were completed using a track-mounted power auger machine equipped with continuous flight hollow-stem augers and conventional soil sampling equipment. The boreholes were completed to the bedrock surface (4.6m at BH1 and BH3, 4.9m at BH2) and were instrumented as 5.1cm-diameter monitoring wells. Drilling conditions were observed through auger feedback on a continuous basis. Overburden formation samples were collected using conventional split-spoon technique and from auger cuttings, and were field-identified at regular depth intervals. Selected representative samples were retained for subsequent laboratory analysis.

Logs of the borehole installations are attached. Copies of the water well records for the monitoring well installations are also attached. The approximate locations of the boreholes are shown on attached Figure 1.

Two representative overburden formation samples were selected for laboratory analysis, these being from the surficial sands and the underlying sandy silt till. The following table provides a summary of the analyses:

Sample	Depth (m)	Grain-Size Distribution				Estimated Coefficient of Permeability (cm/sec)	Estimated T-time (minutes/cm)
		Clay%	Silt%	Sand%	Gravel%		
BH1 S1	0.3 - 0.8	0	12	88	0	2×10^{-3}	10
BH3 S2	1.5 - 2.0	13	37	34	16	7×10^{-6}	40

Note: The above coefficients of permeability and T-times are estimates based on field observation, grain-size analysis, experience with similar soils and guidelines published under the Ontario Building Code.

In summary, soil conditions are generally consistent with local Quaternary Geology mapping, with a thin fine sand with some silt deposit overlying a silt and sand with some gravel and clay glacial till. The bedrock surface was encountered at 4.6m to 4.9m below grade.

Copies of the grain-size curves are attached.

WATERTABLE

Monitoring wells were installed in the three boreholes for subsequent observation of the watertable surface. Water levels were observed in the monitoring wells on June 28, 2018.

The following tables summarize the water level observations, including the depth groundwater was first observed in the three boreholes during drilling.

Monitoring Well	Depth to First Groundwater in Open Borehole (m) June 7, 2018	Monitoring Well Observations June 28, 2018	
		Water Level (m below top of pipe)	Water Level (m below grade)
BH1	0.3	1.66	0.68
BH2	0.3	1.47	0.58
BH3	0.6	1.90	0.81

Consistent with the geological setting of the site, shallow groundwater conditions are present over the entire property. The observed early summer groundwater levels range between 0.58m and 0.81m below grade. Based on the setting and observations during the May 18, 2018 reconnaissance, it is anticipated that high spring water levels will be at or near current grade.

SUMMARY

1. The soil profile over the property consists of with a thin fine sand with some silt deposit overlying a silt and sand with some gravel and clay glacial till.
2. The bedrock surface is situated 4.6m to 4.9m below current grade.
3. Groundwater levels observed June 28, 2018 ranged between 0.58m and 0.81m below grade. Based on the setting and observations during an earlier spring reconnaissance, it is anticipated that high spring water levels will be at or near current grade.

Should you have any questions or require further detail, please do not hesitate to contact this office.

Yours sincerely,

IAN D. WILSON ASSOCIATES LIMITED



Geoffrey Rether, P.Geo.

Legend

- Parcels
- Large Scale Roads
- Provincial Highway
- County Road
- Township Road
- Seasonal Road

APPROXIMATE LOCATIONS
OF EXPLORATORY
BOREHOLES

LONG POINT ROAD
SUBDIVISION

FIGURE 1

SCALE: AS SHOWN



Notes

This map is a user generated static output from an Internet mapping site and is for reference only.
Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

0.08 Kilometers

0.04

0

BOREHOLE VISUAL LOGS - Long Point Road Subdivision

BH1 Date: June 7, 2018
 UTM Coordinates: NAD 83, Zone 17, 556204E, 4930427N
 Collar Elevation: ±180m above sea level (per OBM)
 Depth: 4.7m

Visual Log:

0m - 0.2m	black TOPSOIL
0.2m - 1.7m	grey to dark grey, soft, dry to wet (~0.3m) fine SAND with some silt
1.7m - 4.6m	grey, very compact, wet SILT and SAND till with some gravel and clay, sand seams near base
4.6m - 4.7m	carbonate bedrock

- 5.1cm-diameter PVC monitoring well installed to base of borehole. 1.5m of #10 slot PVC screen at base. Imported sand 2.4m to 4.7m. Bentonite set grade to 2.4m.
- Water Level 0.68m below grade June 28, 2018.
- Sample 1 - 0.3m to 0.8m
Clay - 0%
Silt - 12%
Sand - 88%
Gravel - 0%

BH2 Date: June 7, 2018
 UTM Coordinates: NAD 83, Zone 17, 556043E, 4930410N
 Collar Elevation: ±180m above sea level (per OBM)
 Depth: 4.9m

Visual Log:

0m - 0.3m	black TOPSOIL
0.3m - 1.5m	grey to dark grey, soft, wet (~0.3m) fine SAND with some silt
1.5m - 4.6m	grey, very compact, wet SILT and SAND till with some gravel and clay, sand seams near base
4.6m - 4.9m	carbonate bedrock

- 5.1cm-diameter PVC monitoring well installed to base of borehole. 1.5m of #10 slot PVC screen at base. Imported sand 2.4m to 4.9m. Bentonite set grade to 2.4m.
- Water Level 0.58m below grade June 28, 2018.

BOREHOLE VISUAL LOGS - Long Point Road Subdivision

BH3 Date: June 7, 2018
UTM Coordinates: NAD 83, Zone 17, 556148E, 4930396N
Collar Elevation: ±181m above sea level (per OBM)
Depth: 4.9m

Visual Log:

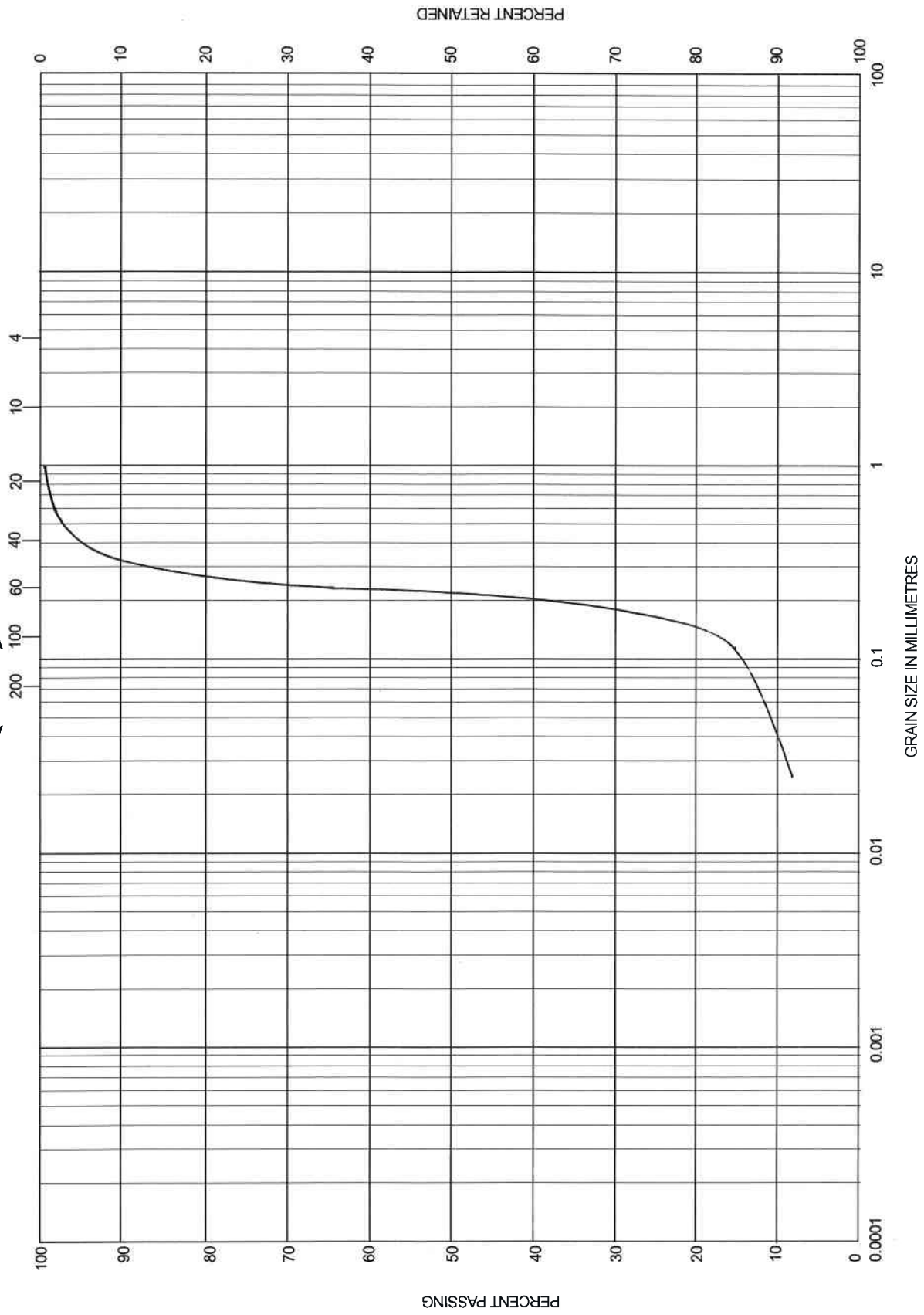
0m - 0.3m	black TOPSOIL
0.3m - 1.5m	grey to dark grey, soft, dry to wet (~0.6m) fine SAND with some silt
1.5m - 4.9m	grey, very compact, wet SILT and SAND till with some gravel and clay, sand seams near base
4.9m	rock refusal

- 5.1cm-diameter PVC monitoring well installed to base of borehole. 1.5m of #10 slot PVC screen at base. Imported sand 2.4m to 4.9m. Bentonite set grade to 2.4m.
- Water Level 0.81m below grade June 28, 2018.
- Sample 2 - 1.5m to 2.0m
Clay - 13%
Silt - 37%
Sand - 34%
Gravel - 16%

GRAIN SIZE DISTRIBUTION CHART

PROJECT / SAMPLE Long Point Road Subdivision - BH1, S1 - 0.3m to 0.8m

HYDROMETER ANALYSIS <-----> SIEVE NUMBER (US STANDARD SIEVE SIZES)

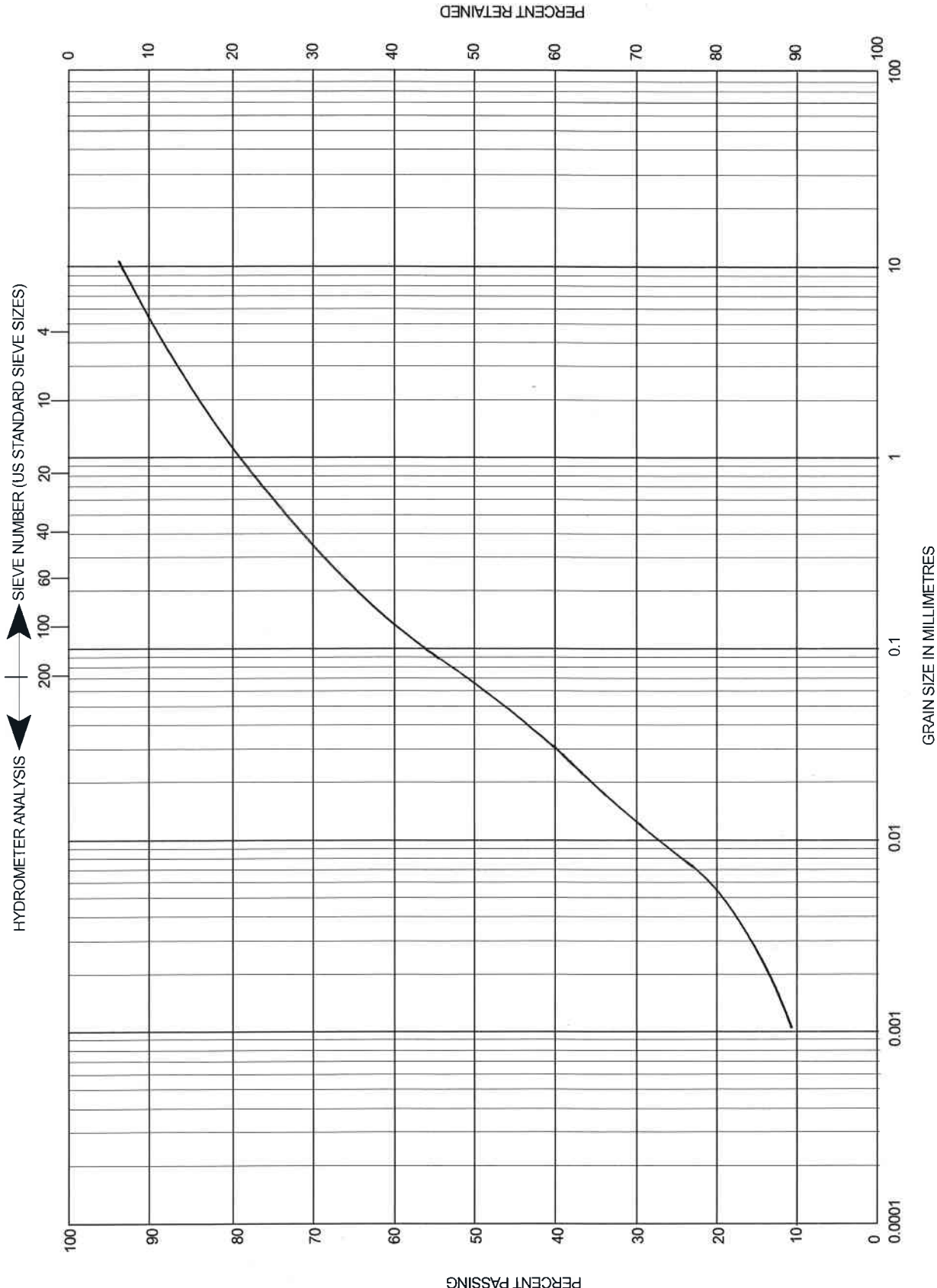


CLAY SIZE	SILT SIZE	SAND SIZE	GRAVEL SIZE	COBBLE SIZE

IAN D. WILSON ASSOCIATES LIMITED

GRAIN SIZE DISTRIBUTION CHART

PROJECT / SAMPLE Long Point Road Subdivision - BH3, S2 - 1.5m to 2.0m



CLAY SIZE	SILT SIZE	SAND SIZE	GRAVEL SIZE	COBBLE SIZE
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ON-SITE BOREHOLE
WELL RECORDS

Measurements recorded in: ☐ Metric ☒ Imperial

A247422

Well Owner's Information

First Name TONY	Last Name / Organization LESIAK	E-mail Address Lesiak@orange.rockwell.com	<input type="checkbox"/> Well Constructed by Well Owner	
Mailing Address (Street Number/Name) 7 PINEHURST CR	Municipality LEWISBURGE	Province ON	Postal Code N7A 1B9	Telephone No. (inc. area code) 416 733 4492

Well Location

Address of Well Location (Street Number/Name) Long Point RD.		Township Grey Township	Lot 1	Concession 1	
County/District/Municipality Grey County		City/Town/Village TOWN OF BLUE MOUNTAINS	Province Ontario		Postal Code
UTM Coordinates NAD 83 17 551 421 014 993 014 27		Municipal Plan and Sublot Number Plan 379 of 45 85AR			
Zone East 17 551 421 014 993 014 27		Other M32186 M34587			

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

[illegible]

Annular Space

Depth Set at (ft/in) From To		Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
16	8	SILICA SAND	
8	1	HYDRATED Bentonite	
1	0	CONCRETE.	

Results of Well Yield Testing

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, <u>specify</u>	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
	3		3	
Pumping rate (l/min / GPM)	4		4	
	5		5	
Duration of pumping ____ hrs + ____ min	10		10	
Final water level end of pumping (m/ft)	15		15	
	20		20	
If flowing give rate (l/min / GPM)	25		25	
	30		30	
Recommended pump depth (m/ft)	40		40	
	50		50	
Recommended pump rate (l/min / GPM)	60		60	
Well production (l/min / GPM)				
Disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
2"	PVC	3/16	11	13	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned
1 1/2"	STEEL BASH	1/8	1	13	

Status of Well

☐ 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*

Construction Record - Screen

Outside Diameter (in/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (in)	
			From	To
2"	Pvc	010	16	11

Water Details

Water found at Depth 5 (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify	Depth (m/ft) From To	Diameter (cm/in)
Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify	0 116	8
Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify		

Hole Diameter

Depth (m/l)		Diameter (cm/l)
From	To	
0	16	8

Well Contractor and Well Technician Information

LONDON SOIL TEST LTD.
712078 Southgate Sdrd. 71, RR #6
Dundalk, ON N0C 1B0

519-455-5777 info@londonsoil.com

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
71	<i>[Signature]</i>	DEC 8 2016
09065 (2016) (1)		Well Owner's C

Comments:

See attached

Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y Y M M D D	Ministry Use Only Audit No. 2285309 Received _____
	Date Work Completed Y Y Y Y Y M M D D	

20182110998





Ontario

Ministry of the Environment
and Climate Change

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

A247423

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Measurements recorded in: ☐ Metric ☒ Imperial

Well Owner's Information

First Name Tony	Last Name / Organization LESIAK	E-mail Address TLesiak@canadawaterresources.com	<input type="checkbox"/> Well Constructed by Well Owner
Mailing Address (Street Number/Name) 7 RENEHURST CR.	Municipality ETOBICOKE	Province ON	Postal Code M1A 1A3
Telephone No. (inc. area code) 416 733 4488			

Well Location

Address of Well Location (Street Number/Name) Long Point RD	Township Co. Bshp of Collingwood	Lot R 10:21	Concession 1
County/District/Municipality GREY COUNTY	City/Town/Village Town of Blue	Province Ontario	Postal Code
UTM Coordinates Zone, Easting NAD 83 1175156014949301410	Northings 605997510785RP	Municipal Plan and Sublot Number 16B2186P-458:9	Other

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/ft) From To
Brown	SAND		WET.	0 5
Grey	SILT CL.	GRAVEL	Dense.	5 15
Grey	LINE SILT BRICK		HARD.	15

Annular Space			Results of Well Yield Testing			
Depth Set at (m/ft) From To	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)	After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down Time (min) Water Level (m/ft) Static Level	Recovery Time (min) Water Level (m/ft)	
15 8	SILICA SAND			5		
8 1	HYDRATED Bentonite					
1 0	CONCRETE					

Method of Construction		Well Use		Status of Well			
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Water Supply	<input type="checkbox"/> Replacement Well	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Recharge Well
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Observation and/or Monitoring Hole	<input type="checkbox"/> Alteration (Construction)	<input type="checkbox"/> Abandoned, Insufficient Supply
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole	<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Abandoned, Poor Water Quality	<input type="checkbox"/> Abandoned, other, specify	<input type="checkbox"/> Other, specify
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning				
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial					
<input checked="" type="checkbox"/> Other, specify driller		<input type="checkbox"/> Other, specify					

Construction Record - Screen					Map of Well Location	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To	Please provide a map below following instructions on the back.	
2"	PVC	1010	15	10		
					<input type="checkbox"/> Insufficient Supply	
					<input type="checkbox"/> Abandoned, Poor Water Quality	
					<input type="checkbox"/> Abandoned, other, specify	
					<input type="checkbox"/> Other, specify	

Construction Record - Screen				Status of Well			
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From To	<input type="checkbox"/> Water Supply	<input type="checkbox"/> Replacement Well	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Recharge Well
2"	PVC	1010	15 10	<input type="checkbox"/> Dewatering Well	<input checked="" type="checkbox"/> Observation and/or Monitoring Hole	<input type="checkbox"/> Alteration (Construction)	<input type="checkbox"/> Abandoned, Insufficient Supply
				<input type="checkbox"/> Abandoned, Poor Water Quality	<input type="checkbox"/> Abandoned, other, specify	<input type="checkbox"/> Other, specify	

Water found at Depth 5 (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft) From To 0 15 8	Diameter (cm/in) 8
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		

Business Name of Well Contractor LONDON SOIL TEST LTD.	Well Contractor's Licence No. 41190
712078 Southgate Sdrd. 71, RR #6 Dundalk, ON N0C 1B0	Municipality
519-455-5777 info@londonsoil.com	Address

Comments: **see attached**

Well owner's information package delivered <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D	Ministry Use Only Audit No. 2285303
Date Work Completed Y Y Y Y M M D D	Signature of Technician and/or Contractor WATTS MIKE	Signature of Well Owner TONY LESIAK

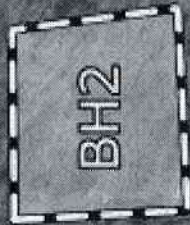
20182110998

Long Point Rd

Long Point Rd

Long Point Rd

Long Point Rd



A247493
Z285303



Ontario

Ministry of the Environment
and Climate Change

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

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☐ Metric ☒ Imperial

Page 1 of 1

A047 401

Well Owner's Information

First Name: TONY Last Name / Organization: LESIAK E-mail Address: Tlesiak@canadawater.com
 Mailing Address (Street Number/Name): 7 PINEHURST CR. Municipality: ETOBICOKE Province: ON Postal Code: M1A 3A4 Telephone No. (inc. area code): 416 233 4490

Well Location

Address of Well Location (Street Number/Name): Lone Point RD. Township: Geo. Twp. of Collingwood Lot: 17 Concession: 1
 County/District/Municipality: GREY COUNTY City/Town/Village: Town of Blue Mountains Province: Ontario Postal Code:
 UTM Coordinates: Zone: 17 Easting: 95611084930396 Northing: 6657916085817 Municipal Plan and Sublot Number: 168218615 4/3 8/9

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/ft)
Brown	SAND		WT.	0 5
GRY	SILT CL	GRAVEL	HARD	5 16
	BED ROCK			16

Annular Space			Results of Well Yield Testing			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)	After test of well yield, water was:		Draw Down	
16 8	SILICA SAND		<input type="checkbox"/> Clear and sand free		Time (min)	Water Level (m/ft)
8 1	Hydroxide Bentonite		<input type="checkbox"/> Other, specify		Time (min)	Water Level (m/ft)
1 0	CONCRETE		If pumping discontinued, give reason:		Static Level	

Method of Construction		Well Use		Status of Well	
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used	
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering	
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole	<input checked="" type="checkbox"/> Monitoring	
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning		
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial			
<input checked="" type="checkbox"/> Other, specify: digger		<input type="checkbox"/> Other, specify			

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
2"	PVC	3/16	11	<input type="checkbox"/> Water Supply	
4"	Steel casing	1/8	1	<input type="checkbox"/> Replacement Well	

Construction Record - Screen				Status of Well	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		
2"	PVC	.010	16	<input type="checkbox"/> Test Hole	

Water Details		Hole Diameter	
Water found at Depth (m/ft): 5	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft): 0 To 16	Diameter (cm/in): 8

Well Contractor and Well Technician Information			
LONDON SOIL TEST LTD. 712078 Southgate Sdrd. 71, RR #6 Dundalk, ON N0C 1B0 519-455-5777 info@londonsoil.com		Well Contractor's Licence No.: 4190 Municipality:	Comments: see attached

20182110998



Well Owner Information Package

Protect your health and our shared groundwater

Now that you have a well on your property, you are legally responsible for the proper maintenance and abandonment (plugging and sealing) of your well.

A poorly maintained or improperly abandoned well could result in contaminated well water and groundwater, and it could affect your health.

The following tips will help you protect your well:

- Test the quality of your well water on a regular basis and look for changes in the water's appearance (e.g. colour, taste, odour)
- Keep surface water and foreign materials (e.g. insects and mice) from entering the well by securing the well cap in place and checking your well regularly for signs of rust and wear, cracks, holes or gaps in the well's structure
- If materials get in your well, safely remove them
- Keep ponded water, vehicles, pet waste, salt and fertilizer away from the well
- Make sure the ground around your well slopes away from your well
- Ensure the well is accessible for future repairs and maintain the minimum above ground height (typically 40 cm above the surface)
- Check for and identify abnormal sounds. They could indicate wear on the well's pump, waterlines or electrical cables or other issues
- Check the pump's efficiency. If the pump is continually running or losing pressure, it may be a sign of a crack or hole in the waterlines
- Ensure your septic tank system works and is pumped out regularly to prevent contamination of your well water

For information on testing the quality of your well water, visit:

- publichealthontario.ca (search "water testing") to request a drinking water sample collection kit for free bacterial testing
- ontario.ca/page/list-licensed-laboratories to find a licensed laboratory

for chemical testing (note: laboratories charge a fee for this service)

Inspecting your well can be dangerous work. If you are not familiar with wells, let an experienced and licensed well technician do the work.

ontario.ca/ministry-environment

Before inspecting a well, make sure to:

- Shut off the power supply to the pump
- Assess the structure of the well and nearby ground to make sure they are stable before approaching the well
- Carefully remove the well cap and take all necessary precautions to make sure people and animals cannot fall into the well

If you no longer use your well or aren't maintaining it for future use as a well, it must be properly abandoned (plugged and sealed).

If you have a water quality or quantity problem or your well is in need of repair, upgrade or abandonment, see the licensed well contractor list on ontario.ca/findwellcontractors.

For more information on properly maintaining or abandoning your well:

- visit ontario.ca/propertywells
- call 1-888-396-9355 (WELL)
- email wellshelpdesk@ontario.ca

For more information on your legal obligations, the Wells Regulation (under the Ontario Water Resources Act) is available at ontario.ca/laws.

OFF-SITE HISTORICAL
WELL RECORDS

UTM 1172 556 108 E
29980
15R 49 80 80 N



GROUND WATER SECTION
25 No. 890
RES. SECTION

Elev. 5102580

WATER WELL RECORD

Basin 221 Grey

County or District Township, Village, Town or City
Con. T Lot 21

Date completed 18 Nov 1961
(day month year)

Address

Casing and Screen Record

Inside diameter of casing 4"
Total length of casing 15
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 4"

Pumping Test

Static level 8
Test-pumping rate 2 G.P.M.
Pumping level 10'
Duration of test pumping 1 HR.
Water clear or cloudy at end of test Clear
Recommended pumping rate 2 G.P.M.
with pump setting of 35 feet below ground surface

Well Log

Overburden and Bedrock Record

TIME SAND
LIMESTONE

From ft.

To ft.

Depth(s) at which water(s) found

Kind of water (fresh, salty, sulphur)

0
17

17
38

35

FRESH

Water Record

For what purpose(s) is the water to be used?

COTTAGE

Is well on upland, in valley, or on hillside?

Drilling or Boring Firm

Address R.R. 2 Collingwood

Licence Number 577

Name of Driller or Borer

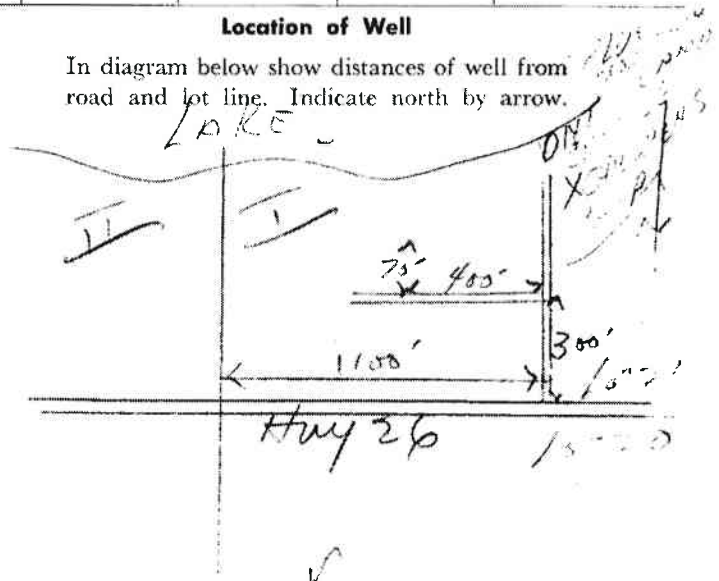
Address

Date 11/1/62

(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



TM 1172556100

4R 49300000

ev. 15R 0590

asin 221



Water management in Ontario

The Ontario Water Resources Commission Act

2502974

41A
9/10

WATER WELL RECORD

County or District **GREY**

Con. **L** Lot **#22**

Township, Village, Town or City **COLLINGWOOD**

Date completed **23 June 1969**
(day month year)

Address **TOWNHINE (COLLINGWOOD)**

Casing and Screen Record

Pumping Test

Inside diameter of casing **6"**
Total length of casing **23'**
Type of screen **✓**
Length of screen **✓**
Depth to top of screen **✓**
Diameter of finished hole **6"**

Static level **4'**
Test-pumping rate **10** G.P.M.
Pumping level **25'**
Duration of test pumping **1 hr**
Water clear or cloudy at end of test **clear**
Recommended pumping rate **10** G.P.M.
with pump setting of **25'** feet below 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)

(some large stones) **stoney clay**
layers of grey shale
grey limestone

0 14
14 23
23 28

28 fresh

For what purpose(s) is the water to be used? **Cottage**

Is well on upland, in valley, or on hillside? **in valley**

Drilling or Boring Firm **Ferry & Ken Nightingale & Sons**

Address **stayner**

Licence Number **3404**

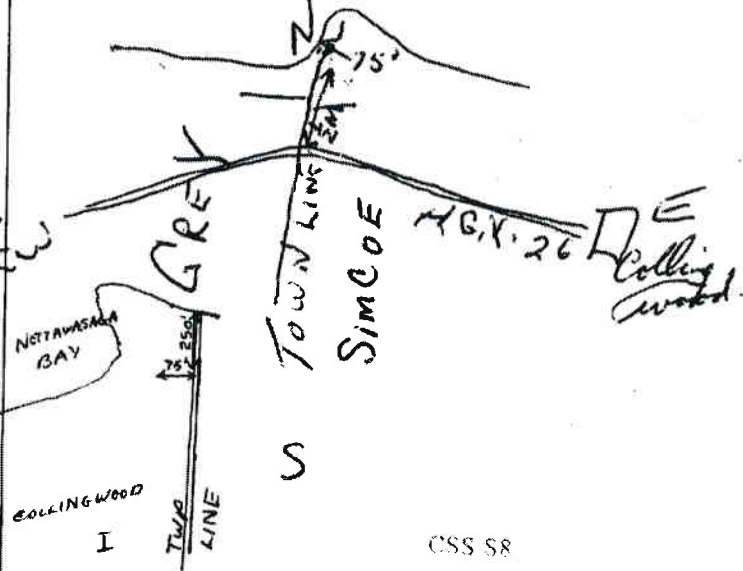
Name of Driller or Borer **Ferry & Ken Nightingale & Sons**

Address **stayner**

Date **5 July 69**
Ferry & Ken Nightingale & Sons
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Form 7

OWRC COPY Long Point

CSS 58



WATER WELL RECORD

Water management in Ontario 1. PRINT ONLY IN SPACES PROVIDED

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11 2503251 25.003 CON. Cdn 91

COUNTY OR DISTRICT GREY TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE COLLINGWOOD CON., BLOCK, TRACT, SURVEY, ETC. 1 LOT 021

DATE COMPLETED 02 JAN 70

R.#3 COLLINGWOOD, D.T.

30.290 4 0596 5 22

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
BL.	TOPSOIL			0	1
BR.	SAND	CLAY & STONES		1	7
BL.	CLAY	SAND & STONES		7	17
DARK.	SHALE	CLAY	LAYERS.	17	23
	BEDROCK.		DARK LIMESTONE	23	33'6"

31 0001802 00074090512 00178152912 00023 1705T 00034 120

32

41 WATER RECORD	51 CASING & OPEN HOLE RECORD	61 PLUGGING & SEALING RECORD
WATER FOUND AT - FEET 0033	INSIDE DIAM. INCHES 04"	DEPTH SET AT - FEET FROM 10-13 TO 14-17
KIND OF WATER 1 FRESH 2 SALTY 3 SULPHUR 4 MINERAL	MATERIAL 1 STEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
WATER LEVEL END OF PUMPING 22-24	WATER LEVELS DURING 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31-32 33-34	
IF FLOWING, GIVE RATE	WATER AT END OF TEST	
RECOMMENDED PUMP TYPE 1 SHALLOW 2 DEEP	RECOMMENDED PUMP SETTING 030	
GPM/FT SPECIFIC CAPACITY		

71 PUMPING TEST METHOD 1 PUMP 2 BAILER

10 PUMPING RATE 0003 GPM

11-14 DURATION OF PUMPING 01 HOURS 00 MINS.

15-16 17-18

WATER LEVEL END OF PUMPING 22-24

WATER LEVELS DURING 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31-32 33-34

IF FLOWING, GIVE RATE

35-41 PUMP INTAKE SET AT

WATER AT END OF TEST

RECOMMENDED PUMP TYPE 1 SHALLOW 2 DEEP

RECOMMENDED PUMP SETTING 030

43-45 RECOMMENDED PUMPING RATE 0002 10-45 GPM

50-53 GPM/FT SPECIFIC CAPACITY

54 FINAL STATUS OF WELL 1 WATER SUPPLY 2 OBSERVATION WELL 3 TEST HOLE 4 RECHARGE WELL 5 ABANDONED, INSUFFICIENT SUPPLY 6 ABANDONED, POOR QUALITY 7 UNFINISHED

55-56 WATER USE 01 1 DOMESTIC 2 STOCK 3 IRRIGATION 4 INDUSTRIAL 5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY 8 COOLING OR AIR CONDITIONING 9 NOT USED

57 METHOD OF DRILLING 1 CABLE TOOL 2 ROTARY (CONVENTIONAL) 3 ROTARY (REVERSE) 4 ROTARY (AIR) 5 AIR PERCUSSION 6 BORING 7 DIAMOND 8 JETTING 9 DRIVING

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

250'

1300'

26 HWY.

COND. TOWN LINE.

FAINT SULPHUR & IRON SMELL.

DRILLER'S REMARKS:

CONTRACTOR NAME OF WELL CONTRACTOR F. WRIGHT & SON LICENCE NUMBER 3605

ADDRESS 140-6th ST. COLLINGWOOD

NAME OF DRILLER OR BORE F. WRIGHT LICENCE NUMBER 3605

SIGNATURE OF CONTRACTOR

SUBMISSION DATE 17 JAN 70

OFFICE USE ONLY DATA SOURCE 1 5510 130870

DATE OF INSPECTION

INSPECTOR P/L

REMARKS

529

85

CSS S8

OWRC COPY



MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act
WATER WELL RECORD

41 A/9W

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COUNTY OR DISTRICT: **GREY** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **COLLINGWOOD** CON. BLOCK, TRACT, LOT: **Plan 527** LOT: **021**
DATE COMPLETED: **10/11/73**
DAY: **16** MO: **12** YR: **73**
RC: **CRAIKLEITH** ELEVATION: **600** BASIN CODE: **22**

2504485 17 556164 4930352 4 600 5 22 OCT 17, 1975 69

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	SAND clay			0	6
Brown	stony clay			6	12
Grey	shale			12	18
11"	Limestone		very hard	18	58

OWRG
P.7

31 32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	1 <input checked="" type="checkbox"/> FRESH 3 <input checked="" type="checkbox"/> SULPHUR 4 <input checked="" type="checkbox"/> MINERAL
13-18	1 <input checked="" type="checkbox"/> FRESH 3 <input checked="" type="checkbox"/> SULPHUR 4 <input checked="" type="checkbox"/> MINERAL
20-23	1 <input checked="" type="checkbox"/> FRESH 3 <input checked="" type="checkbox"/> SULPHUR 4 <input checked="" type="checkbox"/> MINERAL
23-28	1 <input checked="" type="checkbox"/> FRESH 3 <input checked="" type="checkbox"/> SULPHUR 4 <input checked="" type="checkbox"/> MINERAL
30-33	1 <input checked="" type="checkbox"/> FRESH 3 <input checked="" type="checkbox"/> SULPHUR 4 <input checked="" type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

DEPTH - FEET	MATERIAL	WALL THICKNESS INCHES
10-13	2 <input checked="" type="checkbox"/> GALVANIZED 3 <input checked="" type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE	
13-18	2 <input checked="" type="checkbox"/> GALVANIZED 3 <input checked="" type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE	
20-23	2 <input checked="" type="checkbox"/> GALVANIZED 3 <input checked="" type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE	
23-28	2 <input checked="" type="checkbox"/> GALVANIZED 3 <input checked="" type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE	
30-33	2 <input checked="" type="checkbox"/> GALVANIZED 3 <input checked="" type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE	

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
30-33	34-38	39-48

MATERIAL AND TYPE: **SCREEN**

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE	CEMENT GROUT, LEAD PACKER, ETC.
FROM TO		
10-13	34-38	39-48
13-18	34-38	39-48
20-23	34-38	39-48
23-28	34-38	39-48
30-33	34-38	39-48

71 PUMPING TEST

PUMPING TEST METHOD	PUMP NO RATE	DURATION OF PUMPING
1 <input checked="" type="checkbox"/> PUMP 2 <input checked="" type="checkbox"/> RAISER <td>15-18 GPM</td> <td>19-22 HOURS</td>	15-18 GPM	19-22 HOURS
WATER LEVEL DURING PUMPING	1 <input checked="" type="checkbox"/> PUMPING 2 <input checked="" type="checkbox"/> RECOVERY	
20-23 FEET	23-28 FEET	30-33 FEET
30-33 FEET	34-38 FEET	39-48 FEET

FINAL STATUS OF WELL

1 <input checked="" type="checkbox"/> WATER SUPPLY 2 <input checked="" type="checkbox"/> OBSERVATION WELL 3 <input checked="" type="checkbox"/> TEST HOLE 4 <input checked="" type="checkbox"/> RECHARGE WELL	5 <input checked="" type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY 6 <input checked="" type="checkbox"/> ABANDONED, POOR QUALITY 7 <input checked="" type="checkbox"/> UNFINISHED
---	---

WATER USE

1 <input checked="" type="checkbox"/> DOMESTIC 2 <input checked="" type="checkbox"/> STOCK 3 <input checked="" type="checkbox"/> IRRIGATION 4 <input checked="" type="checkbox"/> INDUSTRIAL 5 <input checked="" type="checkbox"/> OTHER	6 <input checked="" type="checkbox"/> COMMERCIAL 7 <input checked="" type="checkbox"/> MUNICIPAL 8 <input checked="" type="checkbox"/> PUBLIC SUPPLY 9 <input checked="" type="checkbox"/> COOLING OR AIR CONDITIONING 10 <input checked="" type="checkbox"/> NOT USED
--	--

METHOD OF DRILLING

1 <input checked="" type="checkbox"/> CABLE TOOL 2 <input checked="" type="checkbox"/> ROTARY (CONVENTIONAL) 3 <input checked="" type="checkbox"/> ROTARY (REVERSE) 4 <input checked="" type="checkbox"/> ROTARY (PORT) 5 <input checked="" type="checkbox"/> AIR PERCUSSION	6 <input checked="" type="checkbox"/> BORING 7 <input checked="" type="checkbox"/> DIAMOND 8 <input checked="" type="checkbox"/> JETTING 9 <input checked="" type="checkbox"/> DRIVING
--	--

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

CONTRACTOR

NAME OF WELL CONTRACTOR: KEN MIGHTON	LICENCE NUMBER: 3602
ADDRESS: STARNER	
NAME OF DRILLER OR BORE: LARRY - KEN MIGHTON	LICENCE NUMBER:
SIGNATURE OF CONTRACTOR: Kenneth A. Mighton	SUBMISSION DATE: DAY MO. YR.

OFFICE USE ONLY

DATA SOURCE: 1	CONTRACTOR: 3602	DATE RECEIVED: 160174
DATE OF INSPECTION: 26.9.74	INSPECTOR: 710	
REMARKS:		

CSS.S8



Ontario

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act
WATER WELL RECORD

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COUNTY OR DISTRICT

CORN

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

COLLINGWOOD

CON. BLOCK, TRACT, SURVEY, ETC.

1

LOT

021

DATE COMPLETED

DAY 24 MO. 10 YR. 74

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
BROWN	TOP SOIL		SHALLOW	0	1
BROWN	SAND	GRAVEL		1	6
GREY	CLAY	GRAVEL STONES		6	28
GREY	SHALE			28	63

31 000160228 000662811 00282051112 0063217

41 WATER RECORD WATER FOUND AT - FEET KIND OF WATER 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL 15-18 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL 20-23 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL 25-28 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL 30-33 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL	51 CASING & OPEN HOLE RECORD INSIDE DIAM. INCHES MATERIAL WALL THICKNESS INCHES DEPTH - FEET FROM TO 10-13 1 <input type="checkbox"/> STEEL 12 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 15-18 1 <input type="checkbox"/> STEEL 18 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 20-23 1 <input type="checkbox"/> STEEL 28 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 25-28 1 <input type="checkbox"/> STEEL 38 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	61 PLUGGING & SEALING RECORD DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 21-25 28-31 31-35
--	--	--

71 PUMPING TEST PUMPING TEST METHOD 1 <input type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILEY STATIC LEVEL WATER LEVEL END OF PUMPING 15-18 19-21 FEET FEET IF FLOWING, GIVE RATE PUMP INITIAL SET AT WATER AT END OF TEST RECOMMENDED PUMP TYPE 1 <input type="checkbox"/> SHALLOW 2 <input type="checkbox"/> DEEP RECOMMENDED PUMP SETTING RECOMMENDED PUMPING RATE GPM/FT. SPECIFIC CAPACITY	72 LOCATION OF WELL 5630 IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW. N 100' 1 MILE TOWN LINE OSSEY PULLINGWOOD TWP 76 NORTH DRILLER'S REMARKS
--	--

FINAL STATUS OF WELL 1 <input type="checkbox"/> WATER SUPPLY 2 <input type="checkbox"/> OBSERVATION WELL 3 <input type="checkbox"/> TEST HOLE 4 <input type="checkbox"/> RECHARGE WELL 5 <input checked="" type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY 6 <input type="checkbox"/> ABANDONED, POOR QUALITY 7 <input type="checkbox"/> UNFINISHED	WATER USE 1 <input type="checkbox"/> DOMESTIC 2 <input type="checkbox"/> STOCK 3 <input type="checkbox"/> IRRIGATION 4 <input type="checkbox"/> INDUSTRIAL 5 <input type="checkbox"/> OTHER 6 <input type="checkbox"/> COMMERCIAL 7 <input type="checkbox"/> MUNICIPAL 8 <input type="checkbox"/> PUBLIC SUPPLY 9 <input type="checkbox"/> COOLING OR AIR CONDITIONING 10 <input type="checkbox"/> NOT USED	METHOD OF DRILLING 1 <input type="checkbox"/> CABLE TOOL 2 <input type="checkbox"/> ROTARY (CONVENTIONAL) 3 <input type="checkbox"/> ROTARY (REVERSE) 4 <input type="checkbox"/> ROTARY (AIR) 5 <input type="checkbox"/> AIR PERCUSSION 6 <input type="checkbox"/> BORING 7 <input type="checkbox"/> DIAMOND 8 <input type="checkbox"/> JETTING 9 <input type="checkbox"/> DRIVING
--	--	--

CONTRACTOR NAME OF WELL CONTRACTOR ADDRESS NAME OF DRILLER OR BORER SIGNATURE OF CONTRACTOR SUBMISSION DATE	CONTRACTOR LICENCE NUMBER 4716 P.R.I. DUNTHURTON SAME DAY 07 MO. 11 YR. 74
---	--

OFFICE USE ONLY DATE OF INSPECTION P.B. DATE RECEIVED 7071174 INSPECTOR J.B. P.L. W.I.	CONTRACTOR 4716 DATE RECEIVED 7071174 INSPECTOR J.B. P.L. W.I.
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Ministry
of the
Environment
Ontario

#17

The Ontario Water Resources Act

WATER WELL RECORD

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01

COUNTY OR DISTRICT

Green

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

Collingwood

CON. BLOCK, TRACT, SURVEY, ETC.

1

(PART 20)

DATE COMPLETED
DAY 04 MO 08 YR 82

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM TO
BLACK	TOP SOIL			0 2
GREY	CLAY	STONES		2 13
GREY	CLAY	FINE SAND		13 22
BROWN	MEDIUM SAND	CLAY		22 23 1/2
BROWN	LIMESTONE		HARD	23 1/2 30

31 0002802 001320512 002220508 002460905 003060578

41 WATER RECORD

WATER FOUND AT - FEET: 0024 33 1/2

KIND OF WATER

1 FRESH	3 SULPHUR
2 SALTY	4 MINERAL

15-18 1 FRESH 3 SULPHUR 2 SALTY 4 MINERAL

20-23 1 FRESH 3 SULPHUR 2 SALTY 4 MINERAL

25-28 1 FRESH 3 SULPHUR 2 SALTY 4 MINERAL

30-33 1 FRESH 3 SULPHUR 2 SALTY 4 MINERAL

51 CASING & OPEN HOLE RECORD

DEPTH - FEET	WALL THICKNESS (INCHES)
0-188	1 1/2 STEEL
188-238	2 GALVANIZED
238-238 1/2	3 CONCRETE
238 1/2-30	4 OPEN HOLE

SCREEN

SIZE(S) OF OPENING (SLOT NO.)

MATERIAL AND TYPE

DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	FROM TO	MATERIAL AND TYPE	CEMENT GRADE (LEAD PAPER, ETC.)
10-13	10-13		
18-21	18-21		
26-28	26-28		

71 PUMPING TEST METHOD

1 PUMP 2 DAILER

PUMPING RATE: 001 GPM

DURATION OF PUMPING: 02 HOURS

WATER LEVELS DURING PUMPING

TIME	WATER LEVEL (FEET)
15 MINUTES	024
30 MINUTES	
45 MINUTES	
1 HOUR	

RECOMMENDED PUMP TYPE: 1 SHALLOW 2 DEEP

RECOMMENDED PUMP SETTING: 029 FEET

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

Long Point Road

Hwy 26

FINAL STATUS OF WELL

1 WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY

2 OBSERVATION WELL 6 ABANDONED, POOR QUALITY

3 TEST HOLE 7 UNFINISHED

4 RECHARGE WELL

WATER USE

1 DOMESTIC 5 COMMERCIAL

2 STOCK 6 MUNICIPAL

3 IRRIGATION 7 PUBLIC SUPPLY

4 INDUSTRIAL 8 COOLING OR AIR CONDITIONING

9 OTHER 9 NOT USED

METHOD OF DRILLING

1 CABLE TOOL 5 BORING

2 ROTARY (CONVENTIONAL) 6 DIAMOND

3 ROTARY (REVERSE) 7 JETTING

4 ROTARY (AIR) 8 DRIVING

5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: DUNSTON M SEWELL

LICENCE NUMBER: 4716

ADDRESS: 1111 DUNSTON

NAME OF DRILLER OR BOREH: Charles Down

SIGNATURE OF CONTRACTOR: [Signature]

SUBMISSION DATE: DAY MO YR

OFFICE USE ONLY

DATA SOURCE: 1

CONTRACTOR: 4716

DATE OF INSPECTION: 01 10 82

INSPECTOR: [Signature]

REMARKS: [Signature]