November 11, 2024

Whitechurch Landowners Group Inc. Attn: Helen Mihailidi 7501 Keele Street, Suite 200 Vaughan, ON L4K 1Y2

sent via email: mjohnston@urbansolutions.info

Re: White Church Road Boundary Expansion, Overburden Thickness Study, Glanbrook (Hamilton), ON

Dear Ms. Mihailidi,

1.0 Introduction and Background Information

Terra-Dynamics Consultants Inc. (Terra-Dynamics) respectfully submits this letter report to address agency review comments requesting a Karst Assessment/Karst Contingency Plan as part of the studies required for approval of a 364.4 hectare boundary expansion in Glanbrook, Ontario (Figures 1 and 2). The land is intended for the development of a community that will include residential areas, institutional facilities, commercial spaces and parks/open spaces. The land currently features a golf course and several rural homes, with its primary use being agriculture.

2.0 Study Approach

A total of 67 Ministry of the Environment, Conservation & Parks (MECP) water well records were reviewed for the subject lands and their immediate vicinity. The water well records are part of a MECP database. Water well records for the subject lands, as well as for properties east, south, west and north of the proposed boundary expansion, have been reviewed. Information pertaining to the thickness of the overburden was evaluated. All 67 water well records were used to assess overburden thickness (Table 1 and Appendix 1).

3.0 Geologic Setting

The proposed urban expansion is located on a thick deposit of glacial overburden and is within the Haldimand Clay Plain physiographic region (Chapman and Putnam, 1984). The surficial geology of the site is primarily glaciolacustrine clay and silt with minor amounts of sand and gravel (Ontario Geological Survey, (OGS), 2003) (Figure 3). The crest of the Fort Erie Moraine crosses through the study area approximately in a northwest to southeast direction (Feenstra, 1975). This crest acts as a flow divide for southwest flowing streams that are tributaries of the Welland River and northeast flowing streams that are tributaries of Twenty Mile Creek. There are no quarries that would be indicative of bedrock close to surface and in 1954, the area was predominantly used for agricultural purposes (Figure 4).

The average overburden thickness of the 67 water well records evaluated as part of this study was approximately 30.5 m (Table 1). The locations of the water well records around the perimeter and within the subject lands are shown on Figure 5. Overburden thickness across the study area is shown in cross-section on Figures 6 and 7. The underlying bedrock consists of the Silurian aged Guelph Formation, a sequence of massive-bedded, fine to medium crystalline, thick-bedded, soft, porous dolostone (OGS, 1984).

Whitechurch Landowners Group Inc. November 11, 2024 Page 2

4.0 Summary

It is the undersigned's professional opinion that the glacial overburden is too thick for karst hazards to be present on the subject lands. As is referenced in the Buck et al (2003) report, there was no sinkhole or soil pipe development within the Eramosa Karst Conservation Area (which is an Earth Science area of Natura Scientific Interest) in Stoney Creek at clay overburden depths greater than 2.8m. Hence, based on a review of available subsurface information in this study area, the glacial overburden is significantly deeper than 2.8m with an average depth of approximately 30.5m.

We trust this information is sufficient for your present needs. Please do not hesitate to contact me if there are any questions.

TERRA-DYNAMICS CONSULTING INC.

David D. Slaine, M.Sc., P. Geo.

Principal Hydrogeologist



Attachments

Table 1. Summary of Overburden Depths for MECP Water Well Records in the Vicinity of the Site

Figure 1. Location of Subject Lands

Figure 2. 1973 Topographic Map

Figure 3. Quaternary Geology Map

Figure 4. 1954 Aerial Photograph

Figure 5. MECP Water Well Record Locations

Figure 6. Cross-section A-A' and B-B'

Figure 7. Cross-section C-C' and D-D'

Appendix 1. Ministry of the Environment, Conservations & Parks Water Well Records Used in This Study Appendix 2. Photographs

5.0 References

Buck, M., Worthington, S.R.H. and D.C. Ford. 2003. Evaluation of the Eramosa Karst in Stoney Creek, Ontario as a Candidate for an Earth Science Area of Natural Scientific Interest. Prepared for the Ontario Ministry of Natural Resources and the Region of Hamilton-Wentworth, 55 p.

Feenstra, B.H. 1975. Quaternary Geology, Grimsby Area. Preliminary Map P.993, Geologic Series. Ontario Division of Mines.

Whitechurch Landowners Group Inc. November 11, 2024 Page 3

Ontario Geological Survey (OGS), 1984. Aggregate Resources Inventory of the Regional Municipality of Hamilton-Wentworth Southern Ontario.

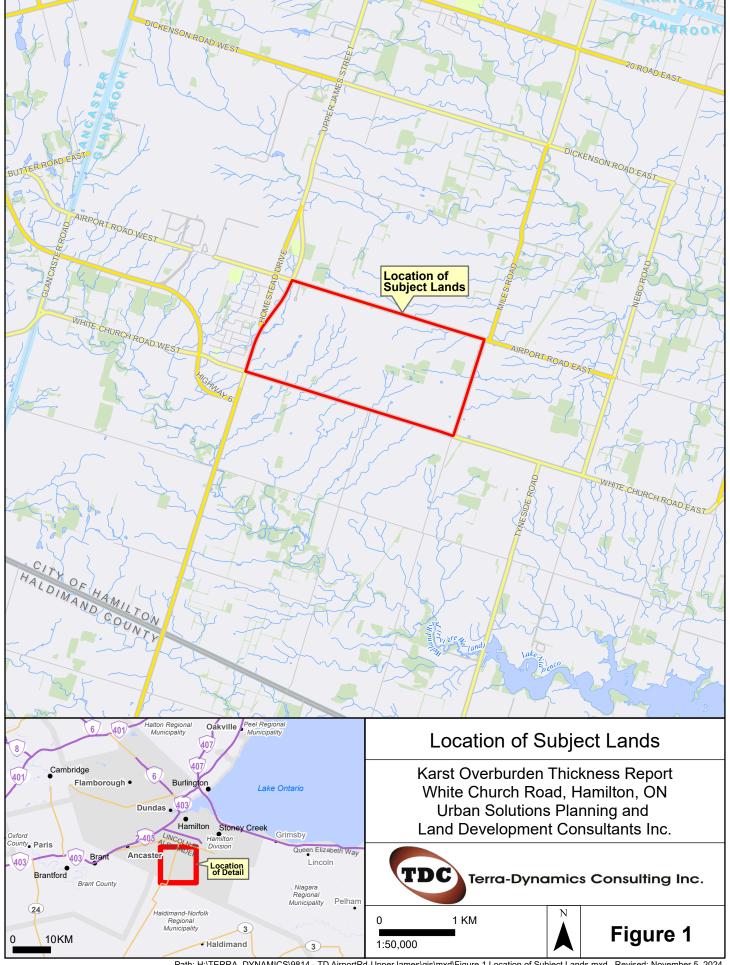
Ontario Geological Survey (OGS), 2003. Surficial geology of southern Ontario. Miscellaneous Release Data – 128. Project Summary and Technical Document, 53 pp.

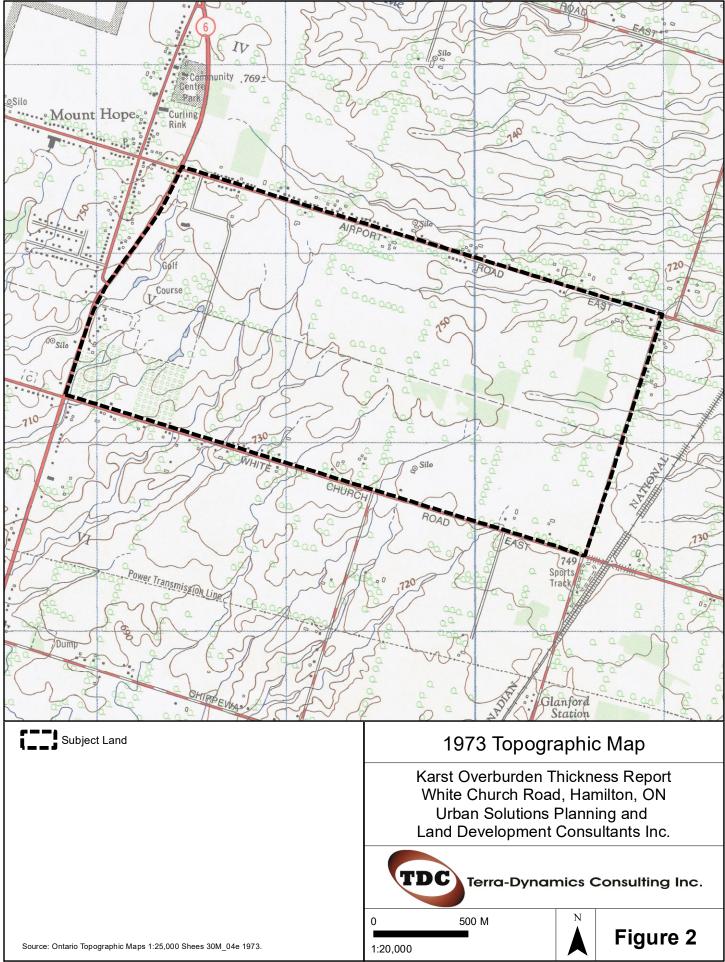
Table 1. Summary of Overburden Depths for MECP Water Well Records in the Vicinity of the Site

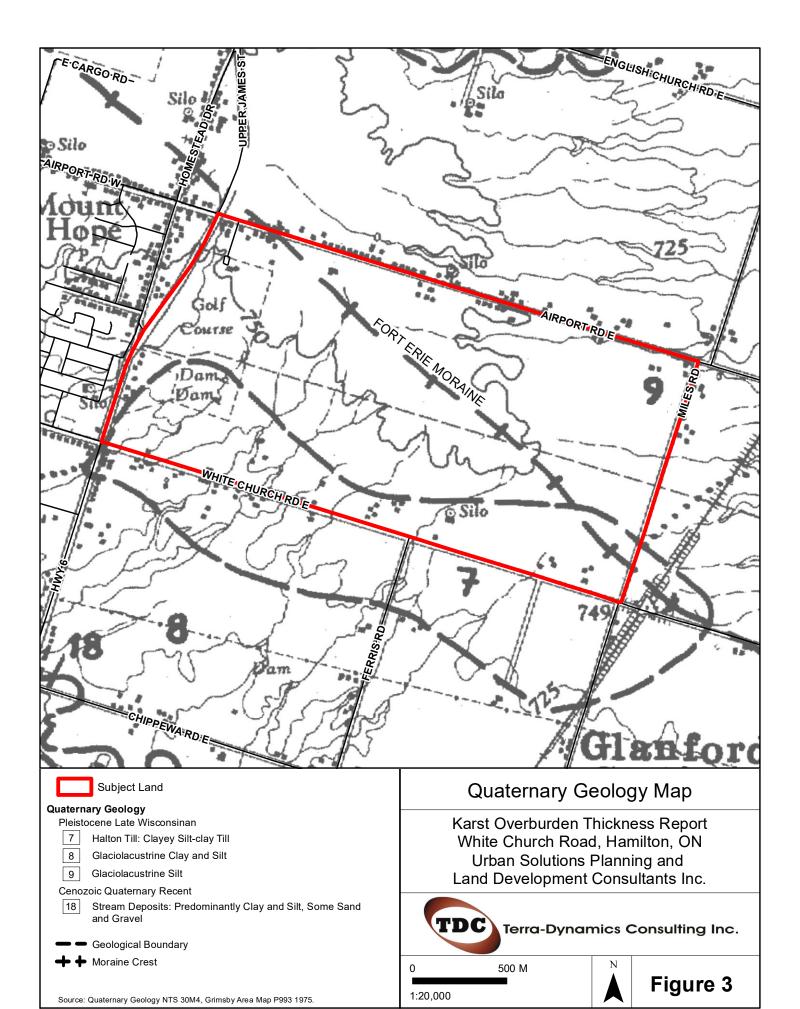
ID	MECP Well Record ID	MECP Well Tag ID	Overburden Type	Depth of Overburden (m)	Well Depth (m)
1	6804066	NA	Clay	28.3	32.9
2	6804068	NA	Clay	33.5	34.1
3	6804069	NA	Clay, Silty Clay	31.7	32.9
4	6804071	NA	Clay	36.0	36.6
5	6804072	NA	Clay, Sand	33.5	34.1
6	6804073	NA	Clay, Sand	34.4	37.8
7	6804074	NA	Clay, Sand	33.2	36.6
8	6803950	NA	Clay	33.8	34.4
9	6804013	NA	Clay, Sandy Clay	31.7	33.2
10	6804026	NA	Clay, Sandy Clay	31.7	33.2
11	6804044	NA	Clay, Sand	30.5	31.4
12	6804064	NA	Clay	30.5	36.6
13	6804065	NA	Clay	29.3	35.1
14	6804075	NA	Clay, Sand, Gravel	34.1	58.2
15	6804076	NA	Clay, Silt, Sand, Gravel	31.1	32.0
16	6804077	NA	Clay, Sand	33.5	36.9
17	6804078	NA	Clay	36.9	40.5
18	6804079	NA	Clay, Sandy Clay	36.0	37.8
19	6804080	NA	Clay	24.4	25.6
20	6804086	NA	Clay, Silty Clay	28.3	30.5
21	6804087	NA	Clay, Sandy Clay	27.1	30.5
22	6804089	NA	Clay, Sand	27.4	29.9
23	6804090	NA	Clay	27.7	34.4
24	6804091	NA	Clay	28.3	33.5
25	6804094	NA	Clay	27.4	39.6
26	6804151	NA	Clay, Sand , Gravel	30.5	36.6
27	6804152	NA	Clay, Sandy Clay	32.9	36.0
28	6804154	NA	Clay, Sandy Clay	21.3	22.9
29	6806911	NA	Clay	29.0	31.1
30	6806912	NA	Clay	32.9	36.6
31	6806915	NA	Clay	32.0	32.3
32	6807153	NA	Clay	28.7	30.5
33	6807395	NA	Clay, Sand	29.3	42.7
34	6807848	NA	Clay	25.9	30.5
35	6807880	NA	Clay	30.5	30.8
36	6808170	NA	Clay	33.5	34.1

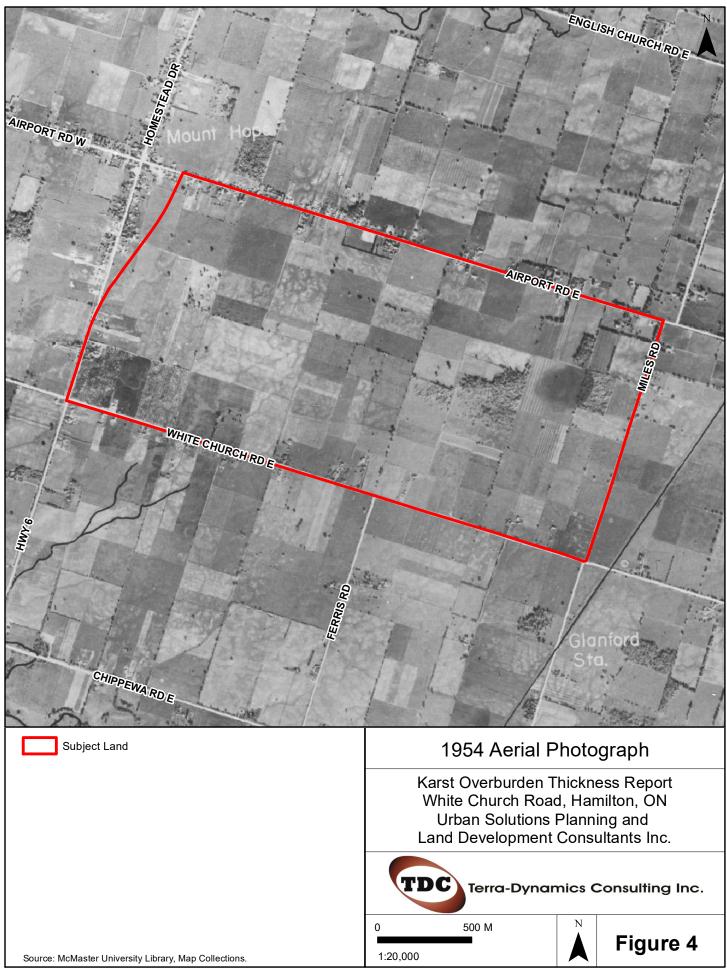
ID	MECP Well Record ID	MECP Well Tag ID	Overburden Type	Depth of Overburden (m)	Well Depth (m)
37	6808175	NA	Clay	37.8	42.1
38	6808435	NA	Clay, Boulders, Gravel	35.1	38.4
39	6809305	NA	Clay	28.7	33.5
40	6809329	NA	Clay	30.8	32.3
41	6809521	NA	Clay	32.6	75.3
42	6809560	NA	Clay	32.9	33.2
43	6809565	NA	Clay	32.6	32.9
44	6809566	NA	Clay	33.5	35.1
45	6809577	NA	Clay	32.9	33.5
46	6810237	NA	Clay	27.1	29.3
47	6810238	NA	Clay	27.1	30.2
48	6810239	NA	Clay	26.8	27.4
49	6810369	NA	Clay	29.0	40.2
50	6810803	NA	Clay	32.9	35.1
51	6811170	NA	Clay	28.7	31.4
52	6811293	NA	Clay	30.8	32.0
53	6811407	NA	Clay	31.1	33.5
54	6811472	NA	Clay	36.0	36.6
55	6811559	NA	Clay	30.5	31.7
56	6811750	NA	Clay	24.7	33.8
57	6812252	NA	Clay, Silty Clay, Gravel	30.8	36.0
58	6812313	NA	Clay	26.8	28.0
59	6812575	NA	Clay	28.7	33.5
60	6812613	NA	Clay, Sandy Clay	29.9	30.5
61	6812646	NA	Clay	30.5	39.6
62	6812846	NA	Clay, Sand	32.0	33.5
63	6812866	NA	Clay	24.7	32.0
64	6812962	NA	Clay, Sandy Clay	25.6	27.4
65	6813175	NA	Clay	28.7	29.9
66	6814029	A008219	Clay	31.1	32.0
67	6814590	A034337	Clay	27.4	36.6
AVG				30.5	

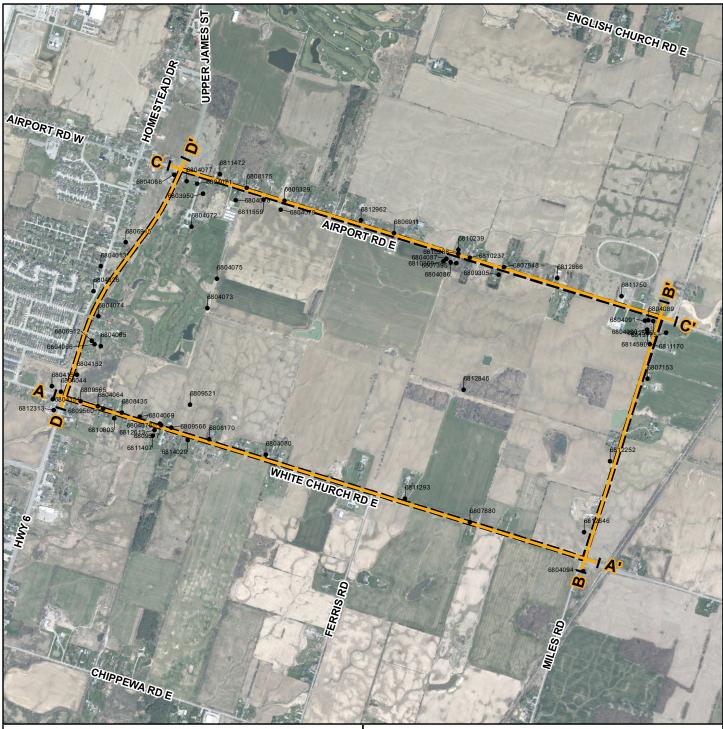
Notes: See Figure 5 for Well Record ID Locations; AVG = Average

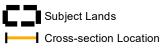












Well Record Location

Well Record Locations

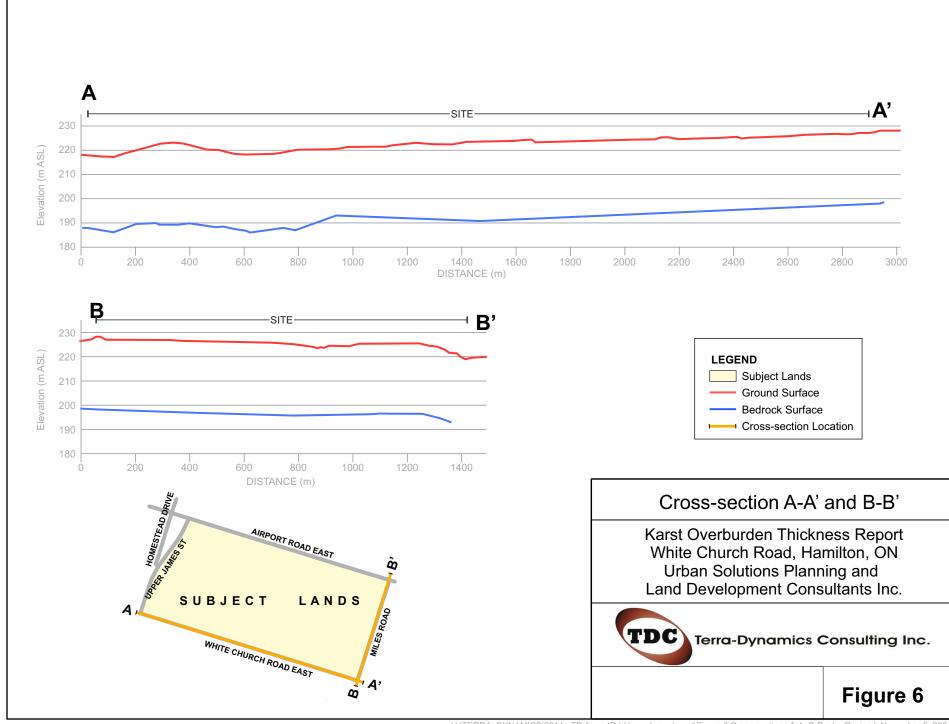
Karst Overburden Thickness Report White Church Road, Hamilton, ON Urban Solutions Planning and Land Development Consultants Inc.

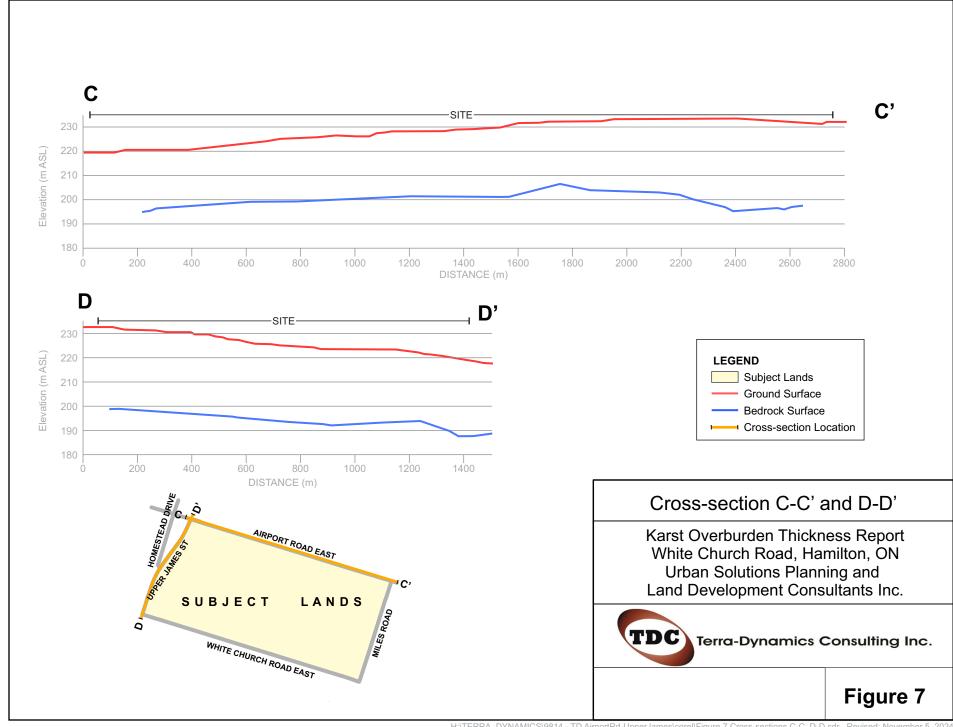


0 500 M 1:20,000



Figure 5





Appendix 1

Ministry of the Environment, Conservation & Parks Water Well Records Used in This Study

Appendix 1A

Ministry of the Environment, Conservation & Parks Water Well Records along Cross-Section A-A'

			- 1		
UTM L		1 1			E
5 R				:	N
Elev. 4 R	711	1			
Elev. 4R 0			The	Ont	ta
			W	A]	Γ
County or Distric	t W.	ντικ	10 R	T.H.	
Con 5	•		Lot		,



GROUND WATER BRANCH

68 Nº 4044

JUL 4 1930

ONTARIO WATER RESOURCES COMMUNICION

The Ontario Water Resources Commission Act, 1957

wasin wasin	TER W	ELL I	RECORD		
					FoRD
County or District WENTWORT	T	Township,	Village, Town or	سر مراه المال	1960
Son 5 Lot	• • • • • • • • • • • • • • • • • • • •	Date com	pleted // (day	month	year)
		iress	ANCASI	. 	
Casing and Screen Re	ecord		Pum	ping Test	
Inside diameter of casing. 64		Static le	vel	# 40	>
Total length of casing / 0 C		Test-pu	mping rate	10	G.P.M
Type of screen		Pumpin	g level	5 t	•••••
Length of screen		Duratio	n of test pumping	ユ	HR
Depth to top of screen		Water o	clear or cloudy at e	nd of test	CLEAR
Diameter of finished hole 6/4			mended pumping r		
		with	pumping level of		, C
Well Log			Wat	er Record	
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
CLAY		30			
QUICK SAND	30	103			
LIME STONE	100		/03	63	FRES
		CARAGE	NOT COMP	LETED	
		SEPTIN			-
		~ ~ ~ ~	E WORKING		
		1			
For what purpose(s) is the water to be	used?		Locat	ion of Well	
SERVICE STATI	0 / /		In diagram below		
Is well on upland, in valley, or on hil	llside?		road and lot line	. Indicate north	ı by arrow.
ひ アスタンカ		4			M,
Drilling Firm C17055 13 R	0 o S.		BINGBROCK RD.		
Address By CKMANS	CORNER.			1	
Address				1 3	10
				A 750 7	
Licence Number				\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	
Name of Driller ARTHUR	7.0.17		9 /	ş	
Address RYCKMANS C Date SUNE 28/60	UKNEH			3	
Date 301/60				274	
(Signature of Licensed Drilling Co	. 13-so			1	
(Digitature or moonace arming or	·		<u>s</u>	,:,//	
			√ .	A	ړ CSS.S8

UTM 2 2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	<u> </u>	ONTA	ARIO	AUG	CEVED 1656 68 T	Nº 4064
Basin Z4	The Wat	ter-well D	rillers A	Lct. 1959 ARTME	Ŋ.	
•	V ater	/ 1	nship, V	Record	Sity Yla	fud
			\dd r e	ss	· You	<i></i>
(day)	(month)	(year)				
Pipe and Casing	Record				Pumping Test	
	6 : .		Ct-ti-	lovel 3	5- '	
Casing diameter(s) Length(s)				level	gal su	I min.
Type of screen			-	ing level .40		
Length of screen				ion of test	- hour	*************
Well Log					Water Record	
Overburden and Bedrock Record	From ft.	To ft.		Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
froun Clay	2	170	7	1/11 - 22 1	86	- f
limistone rock	100	120		1,1 -, 20	0.5	- June
For what purpose(s) is the water Is water clear or cloudy?	······			n diagram below	cation of Well show distances of e. Indicate north	
Is well on upland, in valley, or on	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				\	
Drilling firm You and Address	son C	<u>.</u>				
Name of Driller Address	· / /	i i				
	••••					
Licence Number					No.	
I certify that the statements of fact						
	1	5				<u>Y</u>
Date Jour	ad o	los				M 2.2
S	ignature of Licens	ee			- 1	

CSS.S8

Elev. 4R D 7 2 The Ontario Water Res Basin 24 WATER WE County or District Con. Lot 56		ORD Cown or City (day	68 NO OCT ONTAR RESOURCES	RIO (WATER S COMMISSION 1964
Casing and Screen Record		Pumpin	a Toet	
Inside diameter of casing 6	Static level			
Total length of casing 103'6"				
Type of screen	Pumping level	ite	80 It	/ O G.P.M.
Length of screen	Duration of test I			hour
	Water clear or cle			
Depth to top of screen Diameter of finished hole	Recommended p			5 G.P.M.
-				w ground surface
Well Log	with pump setting	g 01	·	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	20	Tourkt	sulphui)
70 1				
- Jul day	70	40		
- Grey Sandy clay	40	80		
sit .	80	101		
Gravel	101	501		0 0
orey rock	102	105	102.105	Justs
For what purpose(s) is the water to be used?		Location	of Well	
Domes ti C			distances of well	
Is well on upland, in valley, or on hillside? upland	road and	lot line. Ind:	icate north by a	arrow.
Drilling or Boring Firm	·	- '7' /V⋅ }		. 4
S. GILL				will
Address 55 Alguine AVE Hamilton			1.4	- A Kelt
Hamilton			(579
Licence Number	-			
Name of Driller or Borer J. Maslowsky	V		White Ch	well No
Address 805 upper 6age HVC		1.73	1.76	
Date 7. 19: 64	Hwy 6	101	White Ch	
(Signature of Licensed Drilling or Boring Contractor)	` /			
	,			
Forth 7 15M-60-4138			'	CSS.S8
O W R-C/COPY				

Elev. R 0730 Basin 2 4 County or Territorial District.	D	epartment -We	rillers Act, 1954 of Mines II Reco aship, Village, Town	11/-	MINES
			ddress	ndfort Pfas3	••••••••••••
(day)	(mønth)	(year)			
Pipe and Casing	Record			Pumping Test	
Casing diameter(s) Length(s) Type of screen Length of screen				1000 gel person	£
Well Log	1	1	. Donah (a)	Water Record	
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
For what purpose (s) is the water Is water clear or cloudy? Is well on upland, in valley, or on Address Name of Driller Licence Number Licence Number	hillside?		In diagram be	Location of Well low show distances of line. Indicate north Happe 7 8 9	
I certify that the statements of fact Date	foregoing are true.	•	VUS Rolling VE SHE ine		css.s8

UTM	<u> </u>	<u>!</u>	Z	1	1		_1	E
ElevQ						j		



68	No 1	4151
\	£.\	/ / \

The Well Drillers Act
Department of Mines, Province of Ontario

County or District Want mild	Well	1			
Owner	Mayord	C	Con. Lot	Pt. Lot	
County or District Wonth. Tp Owner Date Completed. May 13, 1947. Cost	of Well (not inclu	iding numn	peAcres	1	
Pipe and Casing Record			Pumping Test	• • • • • • • • • • • • • • • • • • • •	
Casing diameter(s)	Data	·	Tumping Test		
Length(s) of casing(s)	Developed		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •
Length of screen	Duration	of Test	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
Type of pump	Pumping I	Rate		• • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
2 ype or pump	I Drawdown	1			
Capacity of pump	Static leve	I of complet	ed well	, _ /	
Depth of pump setting	Is well a gr	ravel-wall ty	pe?		
	Water Record				
Kind (fresh or mineral)	f.r	eshi	Depth(s)	Kind of	No. of Fe
			Water Horizon(s)	Water	Water Ris
Appearance (clear cloudy coloured)		• • • • • • • • • • • • • • • • • • • •	• • •		
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used?		· · · · · · · · · · · · · · · · · · ·	• • •		
***************************************	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •		·	
How far is well from possible source of contaminat	ion 2		1		,
How far is well from possible source of contaminat What is source of contamination?	ion?				
What is source of contamination?					
How far is well from possible source of contaminat What is source of contamination? Enclose a copy of any mineral analysis that has be					
What is source of contamination?					
What is source of contamination? Enclose a copy of any mineral analysis that has be			Location	on of Well	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log	en made of water	То	Location In diagram below	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	en made of water From Oft.	To 2.0.ft.	Location In diagram below from road and lot is	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log	From 0 ft.	To 2.0.ft.	Location In diagram below from road and lot is	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	en made of water From Oft.	To 2.0.ft.	Location In diagram below from road and lot is	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft.	Location In diagram below from road and lot is	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft.	Location In diagram below from road and lot is	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft. /00 /20	In diagram below from road and lot l	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft. /00 /20	Location In diagram below from road and lot is	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft. /00 /20	In diagram below from road and lot l	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft. /00 /20	In diagram below from road and lot l	show distar	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft. /00 /20	In diagram below from road and lot l	show distartine	
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft. /00 /20	In diagram below from road and lot l	show distartine	nces of wel
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft. /00 /20	In diagram below from road and lot l	show distartine	nces of well
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft. /00 /20	In diagram below from road and lot l	show distartine	nces of well
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From 0 ft.	To 2.0.ft. /00 /20	In diagram below from road and lot l	show distartine	nces of well
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record Clay Fuckson Vock	From O ft.	To 2.6.ft.	Location In diagram below from road and lot in the Church Coal	show distantine	nces of well
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record Clay Joseph. Situation: Is well on upland, in valley, or on hills	From Oft. 20 /Aa ide?	To 2.0.ft. 100 120	Location In diagram below from road and lot in the Charles of the	show distartine nch 200->	ices of well
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record Clay Fack Situation: Is well on upland, in valley, or on hills Drilling Firm	From Oft. 20 /Aa ide?	To 2.0.ft.	Location In diagram below from road and lot line in the latest the	show distartine nch 200 - d	ices of well
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record Clay Frack Situation: Is well on upland, in valley, or on hills Drilling Firm	From Oft. 20 /Aa ide?	To 2.0.ft.	Location In diagram below from road and lot line in the latest the	show distartine nch 200 - d	ices of well
What is source of contamination? Enclose a copy of any mineral analysis that has be Well Log Drift and Bedrock Record	From Oft. 20 100	To 2.6.ft. 100 120	Location In diagram below from road and lot line whether wheth	show distartine nch 200 - d	ices of well



The Ontario Water Resources Commission Act

WATER WELL RECORD

Water management in Ontario 1. PRINT ONLY IN SPA 2. CHECK ☒ CORRECT	EES PROVIDED BOX WHERE APPLICABLE	6807880 MUNICIP.	con.
COUNTY OR DISTRICT WENTWORTH OWNER (SURBAME FIRST)	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE CLANFORT	CON., BLOCK, TRACT, SURVE	15 22 23 24 , ETC. LOT 25-20
OWNER (SURNAME FIRST)	SPR 2	LAW PALLITON	DATE COMPLETED 84-53
	776600	CC. ELEVATION RC. BASIN CODE	DAY MO YR.
	OF OVERBURDEN AND BEDI	ROCK MATERIALS (SEE INSTRUCTIONS)	47
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM TO
BROWN CLAY			0 15
GREY CLAY	ILIE STALLE		15 100
1	JAK STONE		100 101
		<u>v.</u>	
31) 00/staat 1 0/00/2	hart I lland I land		
32	1951 19194 1551 1	<u> </u>	
41 WATER RECORD 5	CASING & OPEN HOL	E RECORD Z SIZE(S) OF OPENING 31-3 (SLOT NO.)	65 75 80 33 DIAMETER 34-38 LENGTH 39-40
AT - FEET KIND OF WATER	DIAM. MATERIAL THICKNESS INCHES F	DEPTH - FEET ROM TO MATERIAL AND TYPE	INCHES FEET DEPTH TO TOP 41-44 80 OF SCREEN
2 SALTY 4 MINERAL 19	10-11 1 STEEL 12 GALVANIZED 3 CONCRETE 188	13-16 13-16	3 FEET
2 SALTY 4 MINERAL	17-18 1 ☐ STEEL 19	0/00 BI PLUGGING &	SEALING RECORD
1 FRESH 3 SULPHUR 2 SALTY 4 MINERAL 25-28 1 FRESH 3 SULPHUR 29	2 GALVANIZED 3 CONCRETE OPEN HOLE	C/C/ FROM TO	RIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
30-33 1 FRESH 3 SULPHUR 34 80	24-25 1 STEEL 26 2 GALVANIZED	27-30 18-21 22-25	
2 SALTY 4 MINERAL	3 CONCRETE 4 OPEN HOLE	26-29 30-33 80	
PUMP 2 BAILER 0026	11-14 DURATION OF PUMPING 15-16 OO 17-18 GPM. HOURS OO MINS.	LOCATION OF	
PUMPING	ELS DURING	IN DIAGRAM BELOW SHOW DISTANCES OF LOT LINE. INDICATE NORTH BY ARROW.	
0 048 FEET 080 FEET 060 FEET	48 FEET 048 FFFT 048 FFFT	MILES M	DAD
Z IF FLOWING, 38-41 PUMP INTAKE SET AT GPM.	WATER AT END OF TEST 42 FEET CLEAR 2 □ CLOUDY	The state of the	
RECOMMENDED PUMP TYPE RECOMMENDED PUMP PUMP SETTING 9	43-45 RECOMMENDED 46-49 PUMPING GPM.	A to	75' N VI
50-53 OOO. G GPM./FT. SPECIFIC CA			RD
FINAL STATUS 54 WATER SUPPLY OBSERVATION WELL 3 TEST HOLE	5 ABANDONED, INSUFFICIENT SUPPLY 6 ABANDONED, POOR QUALITY 7 UNFINISHED		
OF WELL 4 ☐ RECHARGE WELL	☐ COMMERCIAL		Y FERRIS KO
WATER 2 □ STOCK 6 3 □ IRRIGATION 7	MUNICIPAL PUBLIC SUPPLY		E KR
USE // 4 INDUSTRIAL 8	□ COOLING OR AIR CONDITIONING 9 □ NOT USED	NO G HYW	1 28
METHOD OF CABLE TOOL CONVENTIONAL ROTARY (REVERSE)	6 ☐ BORING 7 ☐ DIAMOND		
OF DRILLING 3 ROTARY (REVERSE) 4 ROTARY (AIR) 5 AIR PERCUSSION	8 JETTING 9 DRIVING	DRILLEDG DEMANYS	
NAME OF WELL CONTRACTOR	LICENCE NUMBER	DRILLERS REMARKS: DATA 58 CONTRACTOR 59-62 DATE SOURCE /	
CROSS BROS.	1620	D DATE OF INSPECTION INSPECTOR	230971
MAINE OF BRILLER OR BORER	VE. HAMLTON	29, 8. 7 ½ REMARKS:	72
Z AKIHUK C1703	CHRINICCION DATE	OFFICE C	ess.s8
OWRC COPY	DAY 24 MO AUG. YR. 71	0	W I



The Ontario Water Resources Commission Act WATER WELL RECORD

	Water management i		PACES PROVIDED CT BOX WHERE APPLICABLE TOWNSHIP, BOROUGH, CI	11	6808		MUNICIP. 6 8007	CON. CION.	1 05
	WENT W		GLANTF	OKD		g CON.,	BLOCK, TRACT, SURVEY,		LOT 25-27
			2.6	MT.	HOPE			DAP 6 MO	453 70
			7.7.7	10 40 P	ELEVATION 5 26 72	طا لِيِّا _{هو}	BASIN CODE		<u>iv</u>
			G OF OVERBURDEN	AND BEDR	OCK MATER	RIALS (SEE	INSTRUCTIONS)		
	GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	TERIALS		GENERA	L DESCRIPTION	DEPT FRO M	H - FEET
		TOPSOIL						0	-
	Phain	2/41							
	BROWN	CLAY							28
	Blue	CLAY						07	110
		,						A. C	1.0
	SKFY	HALEROCK						110	112
				-					
									_
	\sim								
	31 0000	d az	1005 11 101/10	2305 11	01/1221				
] }	32	14 15 21 Z1	32		43	5, SIZE(S	OF OPENING 31-33	65 3 DIAMETER 34-38	75 80 LENGTH 39-40
	WATER FOUND	R RECORD KIND OF WATER	51 CASING & C	WALL THICKNESS	DEPTH - FEET	SLOT	NO.)	INCHES	FEET
		FRESH 3 SULPHUR 14	INCHES 1	, Meries	OI 10-1	1151	TAL AND TYPE	DEPTH TO TOP OF SCREEN	41-44 80 FEET
1	15-18	FRESH 3 SULPHUR 19 SALTY 4 MINERAL	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE			61 P	LUGGING &	SEALING R	
	20-23	FRESH 3 SULPHUR 24	17-18 1 STEEL 15 2 GALVANIZED		20-2	FROM	10		EMENT GROUT, D PACKER, ETC.)
-	25-28	FRESH 3 SULPHUR 29 SALTY 4 MINERAL	3 CONCRETE 4 NOPEN HOLE 24-25 1 STEEL 20		0 0112	_ L			
	30-33	FRESH 3 SULPHUR 34 80 SALTY 4 MINERAL	2 ☐ GALVANIZED 3 ☐ CONCRETE		i	26-2	9 30-33 80		
	71 PUMPING TEST MET		4 OPEN HOLE	UMPING		ـــــــــــــــــــــــــــــــــــــ	CATION OF	WEII	
4	PUMP STATIC	WATER LEVEL 25	1 🐔	16 00 17-18 URS 00 MINS.	IN	I DIAGRAM BELO	W SHOW DISTANCES OF W		
	LEVEL 19-21	END OF WATER PUMPING 22-24 15 MINUTES 26-28	30 MINUTES 45 MINUTES	RECOVERY 60 MINUTES		ST EINE. INDICA	N.		
	Z IF FLOWING, GIVE RATE	160 FEET 5 5 FEET	TA SEED 45 FEET AT END	of Test 42					
	Q RECOMMENDED PUM	GPM. P TYPE RECOMMENDED	FEET CLEAR 43-45 RECOMMENDED	2 CLOUDY			1/2 -	ile O	
	SHALLOW	DEEP PUMP	FEET PUMPING	GPM.				14	
L F		D. 2 GPM./FT. SPECIFIC			\ \w	HITE	1/2 m	RD	7
	FINAL STATUS	OBSERVATION WELL 3 TEST HOLE	5 🗌 ABANDONED, INSUI 6 🗍 ABANDONED, POOR 7 🔲 UNFINISHED					and the traditional and the common accounts	$\overline{\nu}$
-	OF WELL	4 □ RECHARGE WELL -56 DOMESTIC	5 COMMERCIAL					-	
	WATER USE ()	2 STOCK 3 □ IRRIGATION 4 □ INDUSTRIAL	6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR COND	UTIONING			```		-
		☐ OTHER	9 □ NOT		į		I		
	METHOD	PROTARY (CONVENTION			1		7 7	CSS.S8	
	OF DRILLING	3 ROTARY (REVERSE) 4 ROTARY (AIR) 5 AIR PERCUSSION	8 🗍 JETTING 9 🗎 DRIVING		DRILLERS REMA	nve.	<u> </u>	-	
	NAME OF WELL C	ONTRACTOR	LIC	ENCE NUMBER	DATA	58 CON	TRACTOR 59-62 DATE	REC 1907 0872	63-68 80
	O ADDRESS	and the	2	803	SOURCE DATE OF INSI	PECTION	2803 INSPECTOR		7
	NAME OF DRILLER	OR BORER	San Lici	ENCE NUMBER	REMARKS:	, 73			$\frac{2}{2}$
	SIGNATURE OF CO	ONTRACTOR	SUBMISSION DATE		OFFICE			[94 48 F	
Ľ	1	Adre	DAY 23 MO	5 YR. 22	ō			V	NI 7

MINISTRY OF THE ENVIRONMENT The Ontario Water Resources Act ER WELL RECORD 6808435 J 68007 1. PRINT ONLY IN SPACES PROVIDED 2. CHECK X CORRECT BOX WHERE APPLICABLE COUNTY OR DISTRICT TOWNSHIP, BOROUGH, CITY, TO Wentworth LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) MOST COMMON MATERIAL OTHER MATERIALS Brown Clay backed Boulders Gravel Hard layered

MATERIAL

GALVANIZED

CONCRETE

2 GALVANIZED

CONCRETE OPEN HOLE GALVANIZED CONCRETE

[51]

WATER LEVELS DURING

115 FEET RATE

7 UNFINISHED

6 MUNICLPAL
7 PUBLIC SUPPLY

5 ABANDONED, INSUFFICIENT SUPPLY

6 ABANDONED, POOR QUALITY

COOLING OR AIR CONDITIONING

G- BORINE

8 D JETTING

RECOMMENDED PUMP SETTING V TO DEEP SETTING 15 FEET OF SPECIFIC CAPACITY

WATER SUPPLY

DOMESTIC 2 STOCK
3 RRIGATION

Frank Merritt

MINISTRY OF THE ENVIRONMENT COPY

2 OBSERVATION WELL
3 TEST HOLE
4 RECHARGE WELL

INDUSTRIAL

☐ OTHER

CABLE TOOL

CABLE

Smithville,

WATER RECORD

KIND OF WATER

1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL

1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL

1 FRESH 3 SULPHUR 24

SALTY 4 MINERAL

SALTY - 4 | MINERAL

1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL

2 X BAILER

STATIC LEVEL

FINAL

STATUS

OF WELL

WATER

METHOD

DRILLING

USE //[

10 14 15 21 32 43 54

01153-16

61

FROM

- FEET

CASING & OPEN HOLE RECORD

LOCATION OF WELL IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW. 1 Lot S CON.YI. 3608 INSPECTOR **29**0573

30 M/4E

0.

34.

95.

115

PLUGGING & SEALING RECORD

CSS.S8

MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

34

95

115

126

W IN

MINISTRY OF THE ENVIRONMENT The Ontario Water Resources Act

ine	Official Water	Keadolcea Mci	
WATER	WEL	L REC	ORD

30m/4e.

Ontario	1. PRINT ONLY IN		$\left(\begin{array}{c} 11 \end{array}\right)$	6809	521	68.007		/	105
COUNTY OR DISTRICT	2. CHECK 🛆 CORE	TOWNSHIP BOROUGH		3	BCON	BLOCK, TRACT, SURVE			997
OWNER (SURNAME FI	WVW. RST) 28-47	ADDRESS	n m	1.2/			DATE COMPLI	TED 06	48.53
HAMILTO	A SOU CO	NORTHING	1///www	ELEVATION	RC.	BASIN CODE	100-	мо	17
21	177 588	17 48	7 ₂ 20 4	0,720	<u>4</u>	317	1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	MOST	OG OF OVERBURD		OCK MATERIA		NSTRUCTIONS) AL DESCRIPTION			1 - FEET
GENERAL COLOUR	COMMON MATERIAL X	OTHER	MATERIALS		GENER	- DESCRIPTION		FROM (107
Shuj -	glay +							107	2117
Grif	Limision	<u> </u>						10/	27/
				,		-			
		1	nva,						
		<u></u>							
									1 1 1
(31) 01.0	27205 1 1 024	4712115				<u> </u>		<u>, </u>	
32	ATER RECORD	CASING	& OPEN HOLE	RECORD	Size (SIO	54 S) OF OPENING T NO)	31-33 DIAMET	ER 34-38	75 80 LENGTH 39-40
MIED FOUND	KIND OF WATER	51 CASING	WALL THICKNESS	DEPTH - FEET	HATE WATE	RIAL AND TYPE		INCHES DEPTH TO TOP	FEET 41-44 80
10-13 1	FRESH 3 SYSULPHUR 14	DO 10-11 IN STEEL	12	13-16	11%			OF SCREEN	FEET
15-18	FRESH 3 O SULPHUR 19	GALVANIE GALVANIE GONCRET GOPEN HO	E XXX C	0 9/25	61	PLUGGIN	G & SEAL	NG REC	ORD
20-23 1	SALTY 4 MINERAL FRESH 3 SULPHUR 24	17-18 STEEL	19	20-23	3 DEPTH FROM	SET AT - FEET	MATERIAL AND		MENT GROUT. PACKER, ETC.)
25-28	☐ SALTY 4 ☐ MINERAL ☐ FRESH 3 ☐ SULPHUR ²⁹	3 CONCRET 4 OPEN HO	LE		_	0-13 14-17			
2	SALTY 4 MINERAL FRESH 3 SULPHUR 34	24-25 1		27-30		8-21 22-25 6-29 30-33 80			
2	SALTY 4 MINERAL	4 OPEN HO	DLE	7	<u> </u>				
71 JUMPING TEST M	2 BAILER 00	TE I_{1-14} DURATION GPM. OI	15-16 30 MINS	: .\/ 0 \/		OCATION			
STATIC LEVEL	WATER LEVEL 25 END OF WATER PUMPING	FEVELS DURING	1 D PUMPING 2 OF RECOVERY		LINE. IN	OW SHOW DISTANC DICATE NORTH BY A	RROW.	ROM ROAD	AND
TEST OF		6-28 07/29-31/07/	7 32-34 DZA 35-3	1 12/0//		:	11		
	SET FEET PUMP INTAK		FEET FEET	2					
IF ALOWING, GIVE RATE RECOMMENDED		DED 43-45 RECOMME	LEAR 2 CLOUDY	, 					
SHALLO	OW DEEP SETTING	225 FEET RATEO	090 GPA	111/0/	110	Q	1/		,
	54 D WATER SUPPLY		INSUFFICIENT SUPPLY		1				
FINAL STATUS	2 OBSERVATION W	ELL S ABANDONED. 7 UNFINISHED		63	12/10	and the same of th			
OF WELL	A RECHARGE WELL	S COMMERCIAL		A P	$=$ $\sqrt{\frac{1}{2}}$	Pot of the	KK!	- For	
WATER	2 ☐ STOCK 3 ☐ IRRIGATION	6 MUNICIPAL 7 PUBLIC SUPPLY		13	mi U/		, ,		-1
USE C	OTHER	LI will deed	CONDITIONING VACUED				1/1	1	
METHOD	57 1 CABLE TOOL 2 PROTARY (CONVE	6 □ BOR			1	4			
OF DRILLING	A 3 ROTARY (REVER		MEN G	MY	llis	in carote	ofh	luke o	124
	s AIR PERCUSSION	N		DELLERS REMA	ARKETTO.	CONTRACTOR 59-1	just	FLORIC	63-68 86
	sty for	ham	4208	DATA SOURCE	1 58	7770	DATE RECEIVE	127	b
TO KOBRESS	2 mrass	Last	_	DATE OF IN	SPECTION 27	INSPECTOR	75		
CONTRACTOR	LLER OR BORER	wellow.	LICENCE NUMBER		1		2.35	188	Р
SIGNATURE	F CONTRICTOR	SUBMISSION D	ATE O.m. 7	OFFICE	A.	P.L.		•	WI
	STRY OF THE EN	NOTO DAY	MO WAYR	Y L	1 111			FOR	I M-7-M-Ø€ 07-09
MINI	OINT OF THE EN	A A ILLO IAINIEIN I OC	71° 1						

MINISTRY OF THE ENVIRONMENT The Ontario Water Resources Act WELL RECORD 686**956**0 2. CHECK X CORRECT BOX WHERE APPLICABLE WENTWORTH NBROOK DATE COMPLETED WILMONT COURT. DAY 19 LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) MOST COMMON MATERIAL GENERAL COLOUR OTHER MATERIALS GENERAL DESCRIPTION TOPSOIL BROWN

CASING & OPEN HOLE RECORD

WALL THICKNESS INCHES

MATERIAL

STEEL
GALVANIZED
CONCRETE

4 DPEN HOLE

2 GALVANIZED 3 CONCRETE 4 OPEN HOLE

1 GALVANIZED

3 CONCRETE 4 DOPEN HOLE

1 STEEL

DEPTH - FEET

TO

FROM

0109217 SCREEN DEPTH TO TOP 009 **PLUGGING & SEALING RECORD** 61 DEPTH SET AT - FEET MATERIAL AND TYPE 18-21 22-25

- FEET

22

108

109

0

108

	UMPING TEST METHOD	10	PUMPING RATE		11-14	DURATION OF PUMP	ING
71	1 D PUMP 2	BAILER	0010		GPM.	0 1 15-16 HOURS	00 17-18 MINS.
_	SIATIC	ATER LEVEL END OF PUMPING	WATER LE	VELS DU	RING		MPING COVERY
ST	19-21	22-24	15 MINUTES	30 MIN	UTES	45 MINUTES	60 MINUTES
11/	DILE		26-28	1000	39-3f	32-34	35:32
	43 FEET 1	FEET	35 FEE	145	FEET	FEET	FEET
ž	IF FLOWING.	38-41	PUMP INTAKE SE	T AT		WATER AT END OF	TEST 42
PUMPING	GIVE RATE	GPM .	**		FEET	1 CKCLEAR	2 □ CLOUDY
15	RECOMMENDED PUMP TY	PE	RECOMMENDED		43-45	RECOMMENDED	46-49
ਕ		٠	PUMP A	n		ことつわれる	
	SHALLOW C	DEEP	SETTING 7	<u> </u>	FEET	1000	GPM.
	50-53		GPM./FT. SPEC	IFIC CAP	ACITY		
	54						
-	FINAL	. –	ER SUPPLY	•	_	IDONED, INSUFFI	
	STATUS /	- -	RVATION WELL	•	_	IDONED, POOR QU	JALITY
	OF WELL		HOLE	7	[] ONE	NISHED	
		4 RECI	TARGE WELL				
	55-56	1 🕽 дом	ESTIC	5 🛮 0	COMMERC	CIAL	
	INVATED & .	2 🗂 ѕтос	: K	6 🗆 Þ	MUNICIPA	A.L.	
	WATER		GATION	_	UBLIC S		
	USE U	_	JSTRIAL	8 🗍 (OOLING	OR AIR CONDITI	
ŀ			OTHER			9 🗆 NOT U	SED
	57	* 7					
	57 NETUOD 1	7	LE TOOL		6	BORING	
	METHOD 1	2 6 ROTA	ARY (CONVENTI	ONAL)	6	DIAMOND	
	METHOD 1	2 ROTA	ARY (CONVENTI ARY (REVERSE)	ONAL)	7 8	DIAMOND DETTING	
	METHOD 1	2 ROTA 3 ROTA 4 ROTA	ARY (CONVENTI	ONAL)		DIAMOND	

0022605

51

GREY SHALEROCK

WATER RECORD

SALTY

KIND OF WATER

1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL

1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL

1 | FRESH 3 | SULPHUR
2 | SALTY 4 | MINERAL

1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL

FRESH 3 SULPHUR

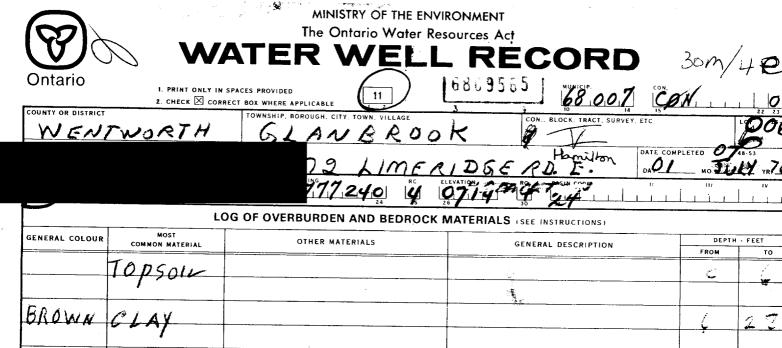
32 41

CONTRACTOR

SIGNATURE OF CONTRACTO

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND
LOT LINE. INDICATE NORTH BY ARROW AM) L TON LOT LOT LOT LOT LOT LOT LOT LOT
DRILLERS REMARKS: DATA 58 CONTRACTOR 59-62 DATE RECORD 4 63-68

NLY	DATA 58 SOURCE	2803	DATE REC 2 403	63-6B	80
E USE ON	DATE OF INSPECTION 28 REMARKS:	INSPECTOR INSPECTOR	J. 3.82°	P	
OFFICE	/		CSS.S.	WI	
			FOI	RM 7 MOE 07-0	391



0006 02 1 0028695 0007305 0008217

MATERIAL

3 CONCRETE

1 STEEL
2 GALVANIZED

3 CONCRETE

OPEN HOLE 1 🗌 STEEL

2 GALVANIZED

3 🗌 CONCRETE

51

000 km

5 COMMERCIAL 6 MUNICIPAL

7 DUBLIC SUPPLY

PUMP SETTING FEET GPM./FT. SPECIFIC CAPACITY

10 14 15 21 21 43

0107

SCREEN

61

DEPTH SET

· FEET

CASING & OPEN HOLE RECORD

171

O O 17-1

2 CLOUDY

ဝတ်[

PUMPING
RECOVERY

5 🗆 ABANDONED. INSUFFICIENT SUPPLY

6 ABANDONED POOR QUALITY

COOLING OR AIR CONDITIONING

6 BORING

7 DIAMOND

9 DRIVING

9 D NOT USED

27-30 LOCATION OF WELL IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW. 4037 **USE ONLY** 2803 OFFICE CSS.S8

MINISTRY OF THE ENVIRONMENT COPY

41

WATER RECORD

FRESH 3 SULPHUE
2 SALTY 4 MINERAL

1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL

1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL

1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL

2 BAILER

STATIC LEVEL

049

RECOMMENDED PUMP TYPE

FINAL

STATUS

OF WELL

WATER

METHOD |

OF **DRILLING**

USE 01

SHALLOW DEEP

1 FRESH

2 SALTY

3 SULPHUR

1 🔲 WATER SUPPLY

3 TEST HOLE
4 RECHARGE WELL

DOMESTIC 2 STOCK

☐ IRRIGATION

OTHER

ROTARY (REVERSE)
ROTARY (AIR)

5 AIR PERCUSSION

ROTARY (CONVENTIONAL)

4 | INDUSTRIAL

2 D OBSERVATION WELL

FORM 7 MOE 07-091

WI

DEPTH

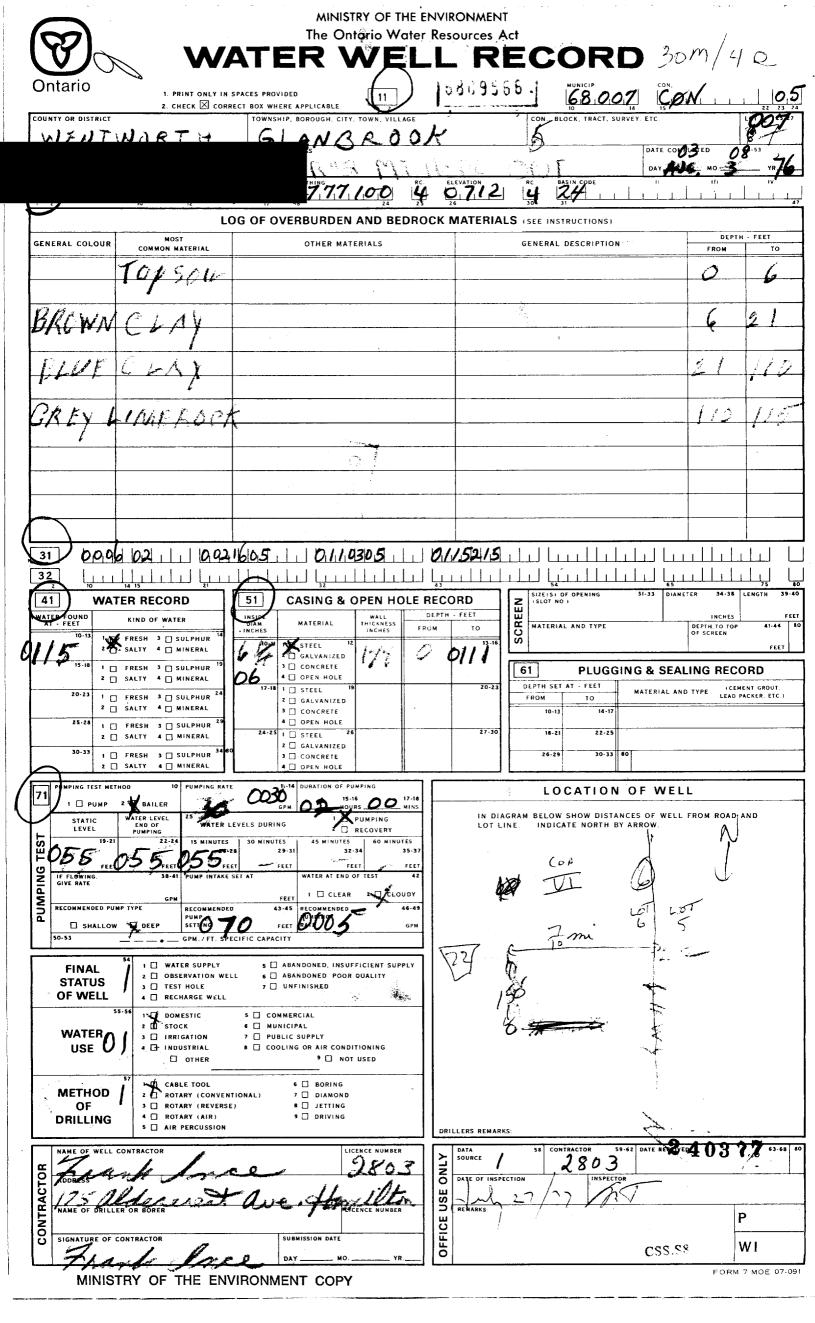
DEPTH TO TOP

MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

PLUGGING & SEALING RECORD

- FEET

то



MINISTRY OF THE ENVIRONMENT The Ontario Water Resources Act **WELL RECORD** 0669577 2. CHECK 🗵 CORRECT BOX WHERE APPLICABLE ENTWIRTH 7120 LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) MOST COMMON MATERIAL OTHER MATERIALS DEPTH TOPSOIL 0 4 110 0004 02 1 0027605 1 0108305 1 0110217 1 WATER RECORD **CASING & OPEN HOLE RECORD** 51 KIND OF WATER MATERIAL то 41-44 FRESH SALTY 3 SULPHUR 137 3 SULPHUR 4 MINERAL 1 | FRESH 3 CONCRETE 0109 61 **PLUGGING & SEALING RECORD** 06 Z SALTY 4 CPEN HOLE 1 STEEL · FEET 1 | FRESH MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.) 3 | SULPHUR 2 GALVANIZED Z 🗍 SALTY 4 MINERAL 3 CONCRETE 4 OPEN HOLE 3 SULPHUR 1 | FRESH 2 SALTY 4 MINERAL 1 STEEL 22-2 2 GALVANIZED 3 CONCRETE 30-33 1 | FRESH 3 SULPHUR 30-33 ____ MINERAL ☐ SALTY LOCATION OF WELL 00 1 🗆 PUMP WATER LEVEL END OF PUMPING IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW. 1 PUMPING WATER LEVELS DURING RECOVERY 60 MINUTES 29-31 1 CLEAR 2 ☐ CLOUDY RECOMMENDED PUMP TYPE RECOMMENDED 43-45 PUMP SETTING FEET GPM./FT. SPECIFIC CAPACITY 607 FEET MOO'D GPN 5 ABANDONED, INSUFFICIENT SUPPLY FINAL , OBSERVATION WELL 6 ABANDONED POOR QUALITY **STATUS** TEST HOLE RECHARGE WELL П 7 UNFINISHED OF WELL 4 🗆 DOMESTIC 24 STOT 5 COMMERCIAL WATER DI 3 | IRRIGATION 7 PUBLIC SUPPLY INDUSTRIAL OTHER 9 D NOT USED 6 D BORING METHOD 7 DIAMOND ROTARY (CONVENTIONAL) ROTARY (REVERSE) ROTARY (AIR) OF **DRILLING** 4 🗆 9 DRIVING S AIR PERCUSSION

NAME OF WELL CONTRACTOR

ADDRESS

NAME OF DRILLER OR BORER

LICENCE NUMBER

LICENCE NUMBER

DATA SOURCE

DATE OF INSPECTION

P

SIGNATURE OF CONTRACTOR

SUBMISSION DATE

DAY

MO

DAY

MO

VR.

DAY

MO

VR.

DAY

MO

VR.

DAY

MO

VR.

DAY

SOURCE

P

WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 07-091

Mir of t	nistry he		\ A/ A'			o Water Reso			PL
1 (1)	vironment 1. PRINT ONLY IN SP.	ACES PROVIDED	[ii]	6810		MUNICIP.	con.		III.
COUNTY OR DISTRICT			CITY, TOWN, VILLAGE	·	cc	N., BLOCK, TRACT. SU	RVEY. ETC		LOJ 25-27
		5	Talko	+ 1	n	Mount Do	DATE COM		44.53 VR. 84
1 2	M 10 12	17 16	ا لیست	RC. ELEVATION		MASIN CODE		1111	1111
	MOST	G OF OVERBURD		OCK MATER				DEPTH	I - FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER	MATERIALS		GEN	ERAL DESCRIPTION		FROM	70
	100 3011			· · · · · · · · · · · · · · · · · · ·					
Brown	Clay		*.	×-,.				3	15
BLue	Clax			N				15	80
Grev	Shail Roc	k						108	109
Grey	Lime Rock	•			- 1			109	115
/		PROPERTY.	3.			· · · · · · · · · · · · · · · · · · ·			
31] []		الللللل		1111	
32 10 10 WA	TER RECORD	51 CASING	& OPEN HOLE	BECORD		54 SE(S) OF OPENING LOT NO 1	31-33 DIAMI	ETER 34-38	75 A
WATER FOUND AT - FEET 10-13 1 5	KIND OF WATER FRESH 3 SULPHUR 14 SALTY 4 MINERAL	INSIDE DIAM MATERIAL INCHES MATERIAL 2 GALVANIZ	WALL THICKNESS	DEPTH - FEET FROM TO	SCREE	TERIAL AND TYPE	-	INCHES DEPTH TO TOP OF SCREEN	41-44 3
20-23 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	FRESH 3 SULPHUR 19	1 CONCRETI 4 OPEN HOI 17-18 FSTEEL 2 GALVANIZ 3 CONCRETI 4 OPEN HOI 24-25 STEEL 2 GALVANIZ 3 CONCRETI 4 OPEN HOI	19 19 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 100	DEPT	H SET AT - FEET	MATERIAL AN		ORD ENT GROUT ACKER, ETC)
STATIC LEVEL 19-21 ON FEE IF FLOWING. GIVE RATE RECOMMENDED PU	WATER LEVEL END OF PUMPING STATES T G FEET SAME SET	30 MINUTES 45 MINUTES	15-16 17-18 HOURS MINS PUMPING RECOVERY UTES 60 MINUTES 32-34 FEET FEET FEET 42 LEAR 2 CLOUDY	IN LO	DIAGRAP I	LOCATION LOW SHOW DISTAN NDICATE NORTH BY	CES OF WELL ARROW		IN D
FINAL STATUS OF WELL	1 WATER SUPPLY 2 SBSERVATION WELL 3 TEST HOLE 4 RECHARGE WELL	5 ABANDONED, II 6 ABANDONED P 7 UNFINISHED	NSUFFICIENT SUPPLY			_ 604	22		
WATER USE	2 STOCK 3 RRIGATION 4 NODUSTRIAL 6 OTHER	S COMMERCIAL MUNICIPAL D PUBLIC SUPPLY COOLING OR AIR C	ONDITIONING NOT USED			zof	2000		
METHOD OF DRILLING	1 M CABLE TOOL 2 POTARY (CONVENTIO) 3 POTARY (REVERSE) 4 ROTARY (AIR) 5 AIR PERCUSSION	6 ☐ BORIN NAL) 7 ☐ DIAMO B ☐ JETTII 9 ☐ DRIVII	OND NG	DRILLERS REM	IARKS	- 0		_	
NAME OF WELL ADDRESS 1/75 NAME OF DRILL	ndna	7.lre	1805	DATA SOURCE OF IN	•	CONTRACTOR 59-		4 8	63-68 80
NAME OF DRILL	ER OR BORER	SUBMISSION DAT	E YR YR	H H H			-	CSS	.ES

CSS.ES FORM NO. 0506-4-77 FORM 7



The Ontario Water Resources Act WATER WELL RECORD

Ontario	1. PRINT ONLY IN SPACE		<u>11</u>	6811	293	MUNIC	1P	CON.	<u> </u>	22 23 24
COUNTY OR DISTRICT		TOWNSHIP, BOROUGH, CITY	TOWN. VILLAGE		coi		RACT, SURVE	. ETC.	·	LOT 25-27
		7	Alles	1005	+ 121	/-		DATE COMI	РLЕТЕО 5 мо. <u>0</u> 5	48 53 YR & 7
		41946	RC .	ELEVATION	RC 30	BASIN CO	DE L	111	in .	
1 2	LOG	OF OVERBURDEN	AND BEDRO	CK MATE			IONSI			
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MAT	ERIALS		GENE	RAL DESCI	RIPTION	<u> </u>	DEPTH FROM	TO TO
	Topsoil				· · ·	**************************************	<u>-</u>		0	4
Bound	Clay								4	22
DREWN	CERY									
Blue.	CLAY								22	10/
(-0.0)	1: 0 1				`					10.5
OKRY_	Lime Kock	<u>.</u>	<u> </u>						101	103
										
		·					:			
31										
32	14 15			1,1111		54	لللبا		بليلي	3 80
WATER FOUND	KIND OF WATER	NSIDE		RECORD		E(S) OF OPEN		31-33 DIAME	INCHES	LENGTH 39-40
	110	MATERIAL 10-11 1 X STEEL 12	THICKNESS INCHES FE		3 1 S	TERIAL AND	TYPE		DEPTH TO TOP OF SCREEN	41-44 30
15-18		GALVANIZED CONCRETE OPEN HOLE	188	0 100	2 61	Р	LUGGIN	G & SEA	LING REC	ORD
20-23 .	FRESH A SULPHUR CA	STEEL STEEL SEEL SEEL SEEL SEEL SEEL SEE	9	21	0.23 DEPT	H SET AT - F	10 14-17	MATERIAL AN		PACKER, ETC.I
25-28 1	FRESH 3 [SULPHUR 79] SALTY 4 [MINERAL	A OPEN HOLE	6	Š.	7 - 30	18-21	22-25			
	FRESH ; SULPHUR 34 0	2 GALVANIZED 3 CONCRETE 4 DOPEN HOLE				26-29	39-33 80			
71 PUMPING TEST ME		35 -4 DURATION OF P				LOCAT	TION O	F WEL	L	
STATIC LEVEL	2 DE BAILER WATER LEVEL 25 WATER LEVEL PUMPING	S DURING	PUMPING RECOVERY				V DISTANCE ORTH BY AF		FROM ROAD	AND
TEST (2)		O MINUTES 45 MINUTES			11/			M		
IF FLOWING,	SBAT PUMP INTAKE SET A	WATER AT END		1 F	14	N(.)				
THE THE PROPERTY OF THE PROPER	PUMP	#3 #5 RECOMMENDED PUMPING		45			Į			
O-53	V A DEEP SETTING 9	FEET RATE	Э СРМ							
FINAL STATUS	SE WATER SUPPLY DOBSERVATION WELL	3 ☐ ABANDONED, INSU		w	hitec	hurci	f	Rol		
OF WELL	3 TEST HOLE 4 RECHARGE WELL 5.56	, UNFINISHED			•		2			·
WATER	2 STOCK S	☐ COMMERCIAL ☐ MUNICIPAL ☐ PUBLIC SUPPLY			4		\frac{\lambda}{2}			
USE	industrial	COOLING OR AIR COND					1/2			
METHOD	CABLE TOOL POTARY (CONVENTION		Acceptant 1970 at 1							
OF DRILLING	ROTARY (REVERSE) ROTARY (AIR) AIR PERCUSSION	å □ JETTING · □ DRIVING	2803	DR‡LLERS RI	EMARKS:				80	3207
NAME OF WELL	CONTRACTOR	1	ICENCE NUMBER	57 UPGE	5.3	、食糧が開発しては	39-62	DATE RECEIVE		187
ADDRESS IN A DOLL IN A DOL	us cinea.		7003	l w	INSPECTIO:	<u> </u>	(NSPECTOR	00	J []	
NAME OF DRILL	ER OR BOHER CONTRACTOR CONTRACTOR	AUK.	ICENCE NUMBER	S HEMAP 3			1			
SIGNATURE OF	CONTRACTOR	SUBMISSION DATE DAYMO.	1057	OFFICE				ŧ	Ce	S.ES
L. Jan	deline,	DAY MO.	/ VRQ /	171						5.L5 6-4-77 FORM 7



The Ontario Water Resources Act

WATER WELL RECORD

Ontario 1. PRINT ONLY IN 2. CHECK CORR	SPACES PROVIDED 11 11 E	5811407 MUMICIP	1 1 1 21 71
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY ETC	LOT 23-27
	ss 1.16.4		U 40 3 vo8 5
	THING BC	ELEVATION RC BASIN CODE	MO = THO B
- 10 12 LC	OG OF OVERBURDEN AND BEDROCK	(MATERIALS (SEE INSTRUCTIONS)	47
GENERAL COLOUR MOST COMMON MATERIAL	other materials	GENERAL DESCRIPTION	DEPTH - FEET FROM TO
Epsoil.			0 3
BROWN Clay			3 16
RI 21			
STOP CIAY	, <u>, , , , , , , , , , , , , , , , , , </u>		16 102
GREY Shale Park			102 103
OREY Lime Rock	, , , , , , , , , , , , , , , , , , ,		103 110
			;
) è.	
31			
32		بالتلتلتين أيتاليليا إ	
WATER FOUND	51 CASING & OPEN HOLE REC	CORD SIZE(S) OF OPENING 31-33 DIA	METER 34-38 LENGTH 39-40
AT - FEET RIND OF WATER	DIAM MATERIAL THICKNESS INCHES FROM	TO MATERIAL AND TYPE	DEPTH TO TOP 41-44 30 OF SCREEN
2 SALTY 4 MINERALS 6 GAS	6 4 STEEL 2 GGALVANIZED 3 GONCRETE 4 DOPEN HOLE	103 FLUGGING & SEA	ALIANC DECORD
2 SALTY 4 MINERALS 6 GAS 20-23 1 FRESH 3 SULPHUR 24	5 D PLASTIC 17-18 1 D STEEL 2 DGALYANIZED	20-23 DEPTH SET AT FEET MATERIAL A	CENTUR OBJUT
Z SALTY 4 MINERALS 6 GAS 25-28 T FRESH 3 SULPHUR 29	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC	10-13 14-17	
Z SALTY 4 MINERALS 6 GAS	24-25 1	27-30 18-21 22-25 26-29 30-33 80	
SALTY 6 GAS	5 DRLASTIC		
71 PUMPING TEST METHOD 10 PUMPING RATE	11-14 DURXIJON OF PUMPING 15-16 17-18 HOURS 17-18	LOCATION OF WE	LL
I LEVEL PHIMPING I	VELS DURING 1 PUMPING S 2 RECOVERY	IN DIAGRAM BELOW SHOW DISTANCES OF WELLOT LINE. INDICATE NORTH BY ARROW.	L FROM ROAD AND
19-21 22-24 15 MINUTES 15 JEET 9 5 FEET 9 5 FEET 10 3 15 MINUTES 10 3 10 5	180 1 /0 160 11	γ	i
IF FLOWING. 38-41 PUMP INTAKE S	ET AT WATER AT END OF TEST 42		
RECOMMENDED PUMP TYPE RECOMMENDED PUMP PUMP PUMP SETTING	43-45 RECOMMENDED 46-49 PUMPING		
SHALLOW TO DEEP SETTING	FEET RATE GPM		The second secon
FINAL STATUS 1 WATER SUPPLY 2 OBSERVATION WEL	B ☐ ABANDONED, INSUFFICIENT SUPPLY A ☐ ABANDONED, POOR QUALITY	White church	ું ક
OF WELL A RECHARGE WELL	7 UNFINISHED 9 DEWATERING	95%	C K
WATER DOMESTIC	S COMMERCIAL MUNICIPAL Delic Supply	#	O
USE 4 INDUSTRIAL OTHER	DOOLING OR AIR CONDITIONING DOT USED		
METHOD ST CABLE TOOL 2 ROTARY (CONVENT	6 □ BORING	1/2	
OF 3 ROTARY (REVERSE CONSTRUCTION 4 ROTARY (AIR)			15027
S AIR PERCUSSION	□ DIGGING □ OTHER □	RILLERS REMARKS: DATA SE CONTRACTOR 59-62 DATE RECEIV	15637
	Licence Number	T I SOURCE	
175 Alden crest	Aue.		
NAME OF WELL TECHNICIAN NAME OF WELL TECHNICIAN NAME OF WELL TECHNICIAN NAME OF WELL TECHNICIAN	WELL TECHNICIAN'S		
SIGNATURE OF TECHNICIAN/CONTRACTOR	SUBMISSION DATE DAY MO YR YR		CSS.ES

Ministry		The Ontario V	Vater Resources A	ct
of the Environment	WAT		ELL RI	ECORD
Ontario NENTWORTH2. CHECK⊠ CORRE	PACES PROVIDED CT BOX WHERE APPLICABLE 1 2	6812613		LOT 25-27
OUNTY OR DISTRICT	TOWNSHIP, BOROUGH CITY TOWN, VILLAGE	6		COMPLEJED 2 49.53
	528 White	LUFCH RO	DAY_	() 8 MO () VR. 15
21 10 10 12	OG OF OVERBURDEN AND BEDRO	26 30	31 assignment of the state of t	47
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS		AL DESCRIPTION	DEPTH · FEET FROM TO
Top Soil				0 3
0 (1				3/6
brown Clay			-:	1/ 90
Blue Clay	(Sandy)			/0/10_
Brown Mudy Shale				98 100
WITH THAT	1		15	
			4	
			1 1 1 . 1 . 1 . 1	
31			54	65 75 8 DIAMETER 34-38 LENGTH 39-4
WATER RECORD	CASING & OPEN HOLE	DEPTH - FEET	IST OF OPENING 31-33 IT NO TO THE ERIAL AND TYPE	DIAMETER 34-38 LENGTH 39-4 INCHES FEE DEPTH TO TOP 41-44
AT - FEET 10-13 1 FRESH 3 SULPHUR 14 MINERALS 6 GAS	DIAM MATERIAL THICKNESS FINCHES F	10 13-16 S	ERIAL AND THE	OF SCREEN
15-14 1 FRESH 3 SULPHUR 19 4 MINERALS 2 SALTY 6 GAS	3 CONCRETE 4 OPEN HOLE 5 PLASTIC 19		SET AT FEET MATER	SEALING RECORD AL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
20-23 1 FRESH 3 SULPHUR 24 MINERALS 5 GALTY 6 GAS 25-28 1 FRESH 3 SULPHUR 25	1		10-13 14-17	
2 SALTY 6 GAS 30-33	24-25		6-29 30-33 80	
Z SALTY 6 GAS	5 PLASTIC	<u></u> _	LOCATION OF V	VELL
71 1 PUMP 2 1 BAILER 25 WATER LEVEL 25 WATER	GPM 2 15-16 17-18 MINS 1EVELS DURING 1 DESCRIPTION	IN DIAGRAM BE	LOW SHOW DISTANCES OF	WELL FROM ROAD AND
LEVEL PUMPING 15-21 STEP 15-21 STEP 24 IS MINUTE 15-21 STEP 24 STEP	S 30 MINUTES 45 MINUTES 60 MINUTES	1	KU	550
	EST FEET FEET FEET FEE E SET AT: WATER AT END OF TEST 42 1 ₩ CLEAR 2 □ CLOUDY			<u> </u>
FEEL PEEL PEEL PUMP INTAK GIVE RATE GPM RECOMMENDED PUMP TYPE PUMP PUMP PUMP PUMP PUMP PUMP PUMP PUM	FEET -	11		½km
50-53]		
FINAL STATUS 1	7 UNFINISHED	6#H	huv.	
OF WELL 4 RECHARGE WELL SS-S6 W DOMESTIC 2 STOCK	DEWATERING COMMERCIAL MUNICIPAL		7 3	
WATER 3 IRRIGATION USE 4 INDUSTRIAL	7 ☐ PUBLIC SUPPLY ■ ☐ COOLING OR AIR CONDITIONING ■ ☐ NOT USED		Che	
METHOD 2 GROTARY (CONVE	6 ☐ BORING ENTIONAL) 7 ☐ DIAMOND		(: te	
OF 3 ROTARY (REVER CONSTRUCTION 4 ROTARY (AIR) 5 AIR PERCUSSION	SE) 4 DETTING 9 DRIVING	DRILLERS REMARKS	3	124918
NAME OF WELL CONTRACTOR	WELL CONTRACTOR	SOURCE	2803 DATE	JUL 1 9 1995
ADDRESS Aller (rest Alv. t	lamilton Ont.	DATE OF INSPECTION	INSPECTOR	
NAME OF WELL TECHNICIAN	WELL TECHNICIAN LICENCE NUMBER SUBMISSION DATE	AEMAPKS		*
SIGNATURE OF TECHNICIAN CONTRACTO	SUBMISSION DATE	1 2		CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9



Ministry of the Environment Well Tag Number

A COBZI

Well Record Regulation 903 Ontario Water Resources Act

008219

nage	of	

Instructions for Completing Form

Well Technician (last name, first name)

Mervyn Packnam

0506E (09/03)

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.**

• Plea	ase print	clearly in b	lue or black	ink onlý.	:			Ministry Us	e Only			
Address	of Well-a	cation (Coun	ty/District/Mu	nicipality)	Tg	wnship Blanbroo		Lot		Conce	ssion	
									_/ 		•	
		White C	hurch Rd	• •	,	THUO DVIP		Site/Compa	artment/l	Block/Tra	act etc	3.
GPS Rea	iding	NAD ZO	ne Eastin	8500 4	orthing	Unit Make/I	Model Mode n Blazer12	e of Operation: Uno	differentiate		Avera	aged
Log of	Overbui		Bedrock Ma	aterials (see in	structions)	Magcha	i water	· i Dime	erentiated,	, specify		
General C	Colour	Most commo	n material	Other	Materials	· · · · · · · · · · · · · · · · · · ·	Genera	al Description	······································	Dept Fro		Metres To
bro	wn	clay		-			•			0		3
gre	У	clay		•			•			3		31
gre	y	limest	one				•	7	-	31		32
	:		100 00 000000 00 10									*
				ļ								
		<u>.</u>		-								
<u>*</u>				•						1.		•
				-								•
	lole Diam		1								4.	<u> </u>
Depth	Metres		Inside		nstruction Rec	Depth	Metres	Pumping test method	of We	Down	Re	ecovery
From	То	Centimetres	diam	Material	thickness	ļ ·		Pump	Time Wa	ater Level	Time	Water Leve
+.5	31	15.9	centimetres		centimetres	From	То	Pump intake pet at -	+	Metres 12.5	min	Metres 12.5
31	32	15.5		XSteel Ffbregla	Casing		:	(metres) Pumping rate45	Level 1	13.4	1	12.6
	· ·	-	15.9	Plastic Concrete	188	+.5	31	(iities/min)		13.4	,	12.5
Water foun	Nater Red	nd of Water	-	Galvanized	4			Duration of numping hrs + min	2		2	
at Met 31.5n	res Ki Kirest			Steel Fibregla Plastic Concrete		•	4	Final water level end of pumpin 3.6	3	13.4	3	12.5
Gas	Salty			Galvanized				Recommended pump	+	13.4		12.5
Other:	Frest	n Sulphur	-	Steel Fibregla	ss	•		type. Shallow Deep	4		4	
Gas	Salty		-	Plastic Concrete	e	•	•	Recommended pump	5	13.4	5	12.5
Other:	Frest	Sulphur	1	Galvanized	Screen			Recomme ded pump	10	13.4	10	12.5
Gas	Salty		1 1	Steel Fibregla	ss Slot No.			rate. (litres/min)	15	13.5 13.5	15	12.5 12.5
Other:		d, water was	diam	Plastic Concrete				If flowing give rate - (litres/min)	20	13.6	20 25	12.5
	and sedime			Galvanized				If pumping discontinued, give reason.	30	13.6	30	12.5
Other,	specify		<u> </u>		Casing or Scr		25	ded, give reason.	40	13.6 13.6	40	12.5 12.5
Chlorinate	d XYes	No	*	Open hole		31	32		50 60	13.6	50 60	12.5
	Plu	gging and S	ealing Reco	rd ∑ i.Annı	ular space 🔲 Al	pandonment		Location of	of Well			
Depth set	at - Metres To	Material and ty	/pe (bentonite sl	lurry, neat cement slu		ne Placed c metres)	In diagram below Indicate north by	v show distances of well fr	om road,	lot line, a	nd bui	lding.
.0	6	Bentor	ite		1.5			λ .				
•	•	,						HWY	# 6			
· .	•	•						Airport			_	
	•				•		Mour	thope				
· -		<u> </u>	Method of C	Construction				White C	hurch	Rd.		
Cable T		Rotary	(air)	Diamond		Digging	The well i	s at X			-	
	convention reverse)	al) ∐ Air pei ☐ Boring	cussion	☐ Jetting☐ Driving		Other	8321 White Chr	***				
			Wate					•	1			
Domest Stock	ic	☐ Industr		☐ Public Su ☐ Not used		Other						
Irrigation	n :	Munici		Cooling 8	air conditioning		Audit No. Z	UBSAV Date	te Well Co			MM/ DD/
Water S	Supply	Recharge v	Final Stat	us of Well Unfinishe	d Abando	ned, (Other)		rner's information Date	te Delivere	<i>D4</i>		06 17 MM, DD
l <u>*</u>	ation well	Abandoned	, insufficient su , poor quality	pply 🔲 Dewaterir	ng :	. (=,	package delivere	nor o impiniadon		0	7 0	DG 11
1691 U(VIC .			Replacem	tion			Ministry Use				
Name of W			Drilling In	1	Well Contractor's L 4207	icence No.	Data Source	Cor	ntractor	49	0	7
Business A	ddress (stre	et name, num	ber, city etc.)	· .	1201		Date Received 2	AYYONNAM DD Date	te of Inspe	ection YY	YY	MM DD
j i	T.K. #	2 Ancast	er, Ont.				JUN Z	ס בטטש			1	1

Well Technician's Licence No.

6814029

Well Record Number

Appendix 1B

Ministry of the Environment, Conservation & Parks Water Well Records along Cross-Section B-B'

Basin 29 WATER WE County or District Wentworth Con. Lot	Township, Village, Town or City
Casing and Screen Record	Pumping Test
Inside diameter of casing	Static level 35-ff
Total length of casing $S6$	Test-pumping rate 2 G.P.M.
Type of screen	Pumping level 108
Length of screen	Duration of test pumping 2 List
Depth to top of screen Diameter of finished hole	Water clear or cloudy at end of test
Diameter of finished hole	Recommended pumping rate
	with pump setting of 6 feet below ground surface
Well Log	Water Record
Overburden and Bedrock Record	From To Depth(s) at Kind of water which water(s) (fresh, salty,
drilled in basemer	found sulphur)
- blue clay	5 91
Leme rock	9/ 1/3
For what purpose(s) is the water to be used?	Location of Well
House	In diagram below show distances of well from
Is well on upland, in valley, or on hillside?	road and lot line. Indicate north by arrow.
Drilling or Boring Firm Address Licence Number 3/8 Name of Driller or Borer 45 Address 125 Address 125 Cisignature of Licensed Drilling or Boring Contractor) Form 7 15M Sets 60-5930 OWRC COPY	CSS.S8

~ 5		CORD Town or City	SEP 1 68 ONTARIO RESOURCES (
Casing and Screen Record	Pumping Test					
Inside diameter of casing	Static level 966					
Total length of casing 70			10 SPH			
Type of screen	Pumping level.					
Length of screen	Duration of test	pumping	-8H			
Depth to top of screen	Water clear or cloudy at end of test					
Diameter of finished hole	Recommended	pumping rate	3	G.P.M.		
·	with pump setti	ing of 12	5 feet bel	the Prists ow ground surface		
Well Log				er Record		
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)		
c italy	0	90	112	fresh		
Fine Hek	90	130		0		
				v ^r		
For what purpose(s) is the water to be used?		Location	of Well			
Is well on upland, in valley, or on hillside? uployed Drilling or Boring Firm A facklosm Address Smithwills	In diagrai road and	m below show lot line. Inc	distraces of wellicate north by	l from arrow.		
Licence Number 420 Name of Driller or Borer W. Facklism			Frank Land	JU		
Address Amilhuille Date June 19/62	50150W	k/		(0) (1)		
OWRC COPY						

-			ار المراجع الم	M/4e J.B	
· 171 519101912101		·	96 680715 <u>3</u>		
15/18/19/17/17/17/19/10/	ement in Ontario		3 9		
v. 4R 9740 The Ontario Water Re		on Act			
WATER WE	LL REC	ORD			
County or District WENT VYOR THE WATER RESOURCE	Township Village	Tourn or City	GLATE	OR D	
Con. 5 Lot //	Date completed	27	June	19-19	
# 1:41 •) /\ 4(*)	RDO	(day /	month	year)	
	4				
Casing and Screen Record RESURNESS COMMINICATION COMMINICA					
	Static level 55				
Total length of casing 7 3 Type of screen	Test-pumping rate 10 G.P.M. Pumping level 90				
Length of screen	Duration of test pumping 1				
Depth to top of screen	Water clear or cloudy at end of test				
Diameter of finished hole	Recommended pumping rate 3 G.P.M				
	with pump set	ing of 80	feet bel	ow 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)	
Brown Chay	0	16	96	fruch	
Blue Class	16	94			
firmbrech	94	100			
For what purpose(s) is the water to be used?		Location	of Well		
	1		v distances of we dicate north by		
Is well on upland, in valley, or on hillside?		a lot line. In	incirco north by	1	
Drilling or Boring Firm FR. I NAE	10			()	
Address 1 75 Beldergrant, Ave.	MILESIR	D			
Manulting Out	3	1914	-	<i>n</i> n	
Licence Number 3484	= 5. 6	650 K	MILES.	19 1/	
Name of Driller or Borer			7		
Address ITI also come and	1				
Date June 27			281		
(Signature of Licensed Drilling or Boring Contractor)		4	1-1 K	•	
		~ / .	A K		
Form 7 OWRC COPY		CSS.S8			

Ontario	/ironment 1. PRINT ONLY IN 2. CHECK 図 CORF	SPACES PROVIDED 11	681117) MUNICIP	CON.
COUNTY OR DISTRICT	MUNRTH	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	oK	CON., BLOCK, TRACT, SURVEY, ETC	LOT 25-27
		MOXLEY	DR	DAT	v 29 no april 186
		ING RC.	ELEVATION	RC. BASIN CODE I	, ", ", ", ", ", ", ", ", ", ", ", ", ",
1 2	M 10 12	OG OF OVERBURDEN AND BEDRO	CK MATERIALS	(SEE INSTRUCTIONS)	• • • • • • • • • • • • • • • • • • • •
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS		SENERAL DESCRIPTION	DEPTH - FEET FROM TO
	TOPSOIL				0 3
D. # => // //					3 16
BROWN	CLAY				7 / 1 / 5
BLUE	CLAV	7			16 94
GREY	IIMEROOK				94 103
		·			
31					
32 10 10 WA	ATER RECORD	51 CASING & OPEN HOLE	RECORD	54 SIZE(S) OF OPENING 31-33 (SLOT NO.)	65 75 80 DIAMETER 34-38 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE WALL	RECORD DEPTH - FEET TOM TO TO	MATERIAL AND TYPE	INCHES FEET DEPTH TO TOP
	FRESH 3 SULPHUR 14 SALTY 4 MINERAL	10 10 1 1 X STEEL 12 1 7 8 1 1 2 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0		OF SCREEN FEET
	☐ FRESH 3 ☐ SULPHUR ¹⁹ ☐ SALTY ⁴ ☐ MINERAL	1 CONCRETE 4 OPEN HOLE		DEPTH SET AT , EFFT	SEALING RECORD
20-23 ;	FRESH 3 SULPHUR 24	17-18 1 STEEL 19 7 GALVANIZED 3 CONCRETE		FROM TO MATER 10-13 14-17	LEAD PACKER, ETC.)
25-28 1	FRESH 3 SULPHUR 29 SALTY 4 MINERAL	4 OPEN HOLE 24-25 OPEN HOLE 2 OPEN HOLE 2 OPEN HOLE 2 OPEN HOLE 26 OPEN HOLE	27.30	18-21 22-25	
30-33 1 2	☐ FRESH 3 ☐ SULPHUR ³⁴ H ☐ SALTY 4 ☐ MINERAL	S CONCRETE		26-29 30-33 80	
71 PUMPING TEST M	ETHOD IO PUMPING RAT	1 1/2 15-16 17-18		LOCATION OF	WELL
STATIC	WATER LEVEL 25	GPM HOURS MINS 1 PUMPING LEVELS DURING RECOVERY	IN DIAGRA LOT LINE.	M BELOW SHOW DISTANCES OF INDICATE NORTH BY ARROW	
TEST 50 C	1 22-24 15 MINUTES	30 MINUTES 45 MINUTES 28 29-31 32-34 55-37		,	
Z IF FLOWING,	SS-41 PUMP INTAKE				
IF FLOWING. GIVE RATE RECOMMENDED P	GPM. UMP TYPE RECOMMENDE PUMP	FEET 1 CLEAR 2 CLOUDY D 43-45 RECOMMENDED 46-49 PUMPING 1	AIR POB	T, R.D.	
SHALLO			4		
FINAL	1 WATER SUPPLY 2 OBSERVATION WE	S ABANDONED, INSUFFICIENT SUPPLY		500	≿
STATUS OF WELL	3 TEST HOLE 4 RECHARGE WELL	7 UNFINISHED		*	- - - - - - - - - - - - - - - - - - - - - - - - - -
WATER	DOMESTIC 2 DOMESTIC	5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY		o Moti	, ,
USE	3 IRRIGATION 4 INDUSTRIAL OTHER	7 PUBLIC SUPPLY 8 COOLING OR AIR CONDITIONING 9 NOT USED			3
METHOD	57 TA CABLE TOOL 2 ROTARY (CONVE	6 ☐ BORING NTIONAL) 7 ☐ DIAMOND			
OF DRILLING	3 ROTARY (REVERS				
	5 AIR PERCUSSION	LICENCE NUMBER	DRILLERS REMARKS	SB CONTRACTOR 59-62 DATE	RECEIVED 63-64 80
	cont de	nee 2803	SOURCE DATE OF INSPECTION	INSPECTOR	060487 100
ADMESS OLOV MAME OF DRILL NAME OF DRILL OLOV SIGNATURE OF	Alderen LER OR BORER	and ave, Hamelton	REMARKS		
SIGNATURE OF		SUBMISSION DATE	OFFICE		CSS.ES
Fra	int obse	DAY NO YR	OF		



Ontario 1. PRINT ONLY IN	SPACES PROVIDED ECT BOX WHERE APPLICABLE	6812252 68.00	7 (CAN 105
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURV	EY ETC LOT 25-27
	dbrook	2111 = 111	DATE COMPLETED 48-53
	10 MIles	Rd MOUNT HOPE ELEVATION RC BASIN CODE	DAY MO YRZ
1 2 M 10 12	17 18 24 25	26 30 31 31 A	
MOST	OG OF OVERBURDEN AND BEDRO	GENERAL DESCRIPTION	DEPTH - FEET
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS		FROM TO
		O-4 brown 811ty	
		grovel	100-1006
		Grey clay growel Grey Limesto	one 1006 118
		,	
31			
32	32	554 SIZE: S) OF OPENING	31-33 DIAMETER 34-38 LENGTH 39-40
WATER RECORD WATER FOUND KIND OF WATER	51 CASING & OPEN HOLE INSIDE WALL DIAM MATERIAL FHICKNESS	DEPTH - FEET W	INCHES FEET
/Co ' 10-13 1 K FRESH 3 SULPHUR 14	INCHES INCHES	Pipe Slo	OF SCREEN
15-18 1 FRESH 3 SULPHUR 19	G 2 GALVANIZED 1/88 /	61 PLUGGI	NG & SEALING RECORD
20-23 1 FRESH 3 SULPHUR 24	17-18 1 STEEL 19	20-23 DEPTH SET AT - FEET FROM 10	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
25-28 1 FRESH 3 DSULPHUR 29	3 CONCRETE 4 OPEN HOLE 5 PLASTIC	10-13 14-17	
2 SALTY 4 MINERALS 6 GAS 30-33 1 FRESH 3 SULPHUR 34	24-Z5 1 STEEL 2 GALVANIZED 3 CONCRETE	27-30 18-21 22-25	0
2 SALTY 6 GAS	4 OPEN HOLE 5 OPLASTIC		
71 PUMPING TEST METHOD 10 PUMPING RA	25 GPM 3 HOURS MINS	LOCATION	
LEVEL PUMPING	1 ☐ PUMPING 2 ☐ RECOVERY . 1 30 MINUTES 45 MINUTES 60 MINUTES	IN DIAGRAM BELOW SHOW DISTAN LOT LINE INDICATE NORTH BY	
10 19-21 10 5 22-24 15 MINUTES 26-		-Alt port Re	MIles Ad
F FLOWING. 38-41 PUMP INTAKI	E SET AT WATER AT END OF TEST 42		
RECOMMENDED PUMP TYPE RECOMMEND PUMP	ED 43-45 RECOMMENDED 46-49 PUMPING	Con E	
SHALLOW TO DEEP SETTING	65 FEET RATE 6 GPM	107/6	e MIles RI
FINAL 1 WATER SUPPLY 2 OBSERVATION W	S ABANDONED, INSUFFICIENT SUPPLY	Con I Lot 10 Lot Line. 8 Km:-)
STATUS OF WELL TEST HOLE RECHARGE WELL	7 UNFINISHED	90' I 85	,
55-56 1 DOMESTIC 2 STOCK	S COMMERCIAL G MUNICIPAL	70 4 85	,
WATER 1 IRRIGATION USE 4 INDUSTRIAL OTHER	7 PUBLIC SUPPLY O COOLING OR AIR CONDITIONING O NOT USED	A Commission of the Commission	
57 1 CABLE TOOL	6 DORING		
OF 2 TW ROTARY (CONVE	NTIONAL) 7 🗋 DIAMOND SE) 8 🗎 JETTING		
CONSTRUCTION 4 ROTARY (AIR) S AIR PERCUSSION		DRILLERS REMARKS	095209
NAME OF WELL CONTRACTOR	WELL CONTRACTOR'S LICENCE NUMBER 3414	DATA SOURCE SB CONTRACTOR STATE OF INSPECTION INSPECTOR	oct 2 8 1992 43-61 19
ADDRESS 92 MUlock Dr NAME OF WELL TECHNICIAN 1 Van den boom SIGNATURE OF YECHNICAN/CONTRACTOR	Managarina	O DATE OF INSPECTION INSPECTO	
NAME OF WELL TECHNICIAN	LICENCE NUMBER	l lui	
	SUBMISSION DATE	OFFICE PICE	CSS.ES
1 Staugher	1 DAY 26 NO. 10 YR9:		FORM NO. 0506 (11/86) FORM 9

Ontario	1. PRINT ONLY IN S 2. CHECK 🗵 CORRI	SPACES PROVIDED ECT BOX WHERE APPLICABLE	11	68126	46	8001	CON.	0,5
COUNTY OR DISTRICT	1/	TOWNSHIP BOROUGH C	TOWN VILLAGE		CON BLOCK	TRACT SURVEY ET		5 25-27
		- Arriba	1 001		•	ַ	DAY 24 MO	7 .95
1 2	M 10 12	ING	RC 24 25		RC BASIN	CODE	<u> </u>	iv
	LC	G OF OVERBURD	EN AND BEDRO	OCK MATERIA	LS (SEE INSTRU	CTIONS)	DEPTH	FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER	MATERIALS		GENERAL DES	SCRIPTION	FROM	To
	70p Soil				•			
Brown	Clay						4	16
Blue	Clay						16	100
Grey	Lime Rock							130
						Const		
31	14 15 21	111111111111111111111111111111111111111				PENING 31:	65 53 DIAMETER 34-38	75 80
WATER FOUND	ER RECORD	INSIDE	& OPEN HOLE	RECORD DEPTH - FEET	SIZE(S) OF C		INCHES DEPTH TO TOP	FEET 41-44 30
	FRESH 3 SULPHUR 4 MINERALS	DIAM MATERIAL INCHES MATERIAL	INCHES I	ROM TO 13-16	MATERIAL A	IND TYPE	OF SCREEN	FEET
15-18 1	FRESH 3 DSULPHUR 4 MINERALS SALTY 6 GAS	2 GALVANIZE 3 CONCRETE 4 OPEN HOLE 11-18	1/1/0/11/3	102	61 DEPTH SET AT		& SEALING REC	ORD
20-23 1 2	FRESH 3 □SULPHUR 4 □ MINERALS SALTY 6 □ GAS	17-18 1	1 []	20-23	FROM 10-13	TO MAT		PACKER, ETC)
	FRESH 3 SULPHUR 4 DMINERALS 6 GAS	24-25 DEALYANIZE	26 ED	27 - 30	18-21	22-25		
	FRESH 3 SULPHUR 34 GAITY 6 GAS	3 □ CONCRETE 4 □ OPEN HOLI 5 □ PLASTIC	E		26-29	30-33 80		
71 PUMPING TEST MET		GPM DURATION	OF PUMPING 15-16 17-18 HOURS MINS			ATION OF		
STATIC LEVEL	PUMPING	LEVELS DURING 2	PUMPING RECOVERY		LINE INDICAT	E NORTH BY ARRO		AND
15 75	126 119	20 /O 8 31 /O	O: 86 55.37	<u> </u>	1	<u>- 400 </u>	· · · · · · · · · · · · · · · · · · ·	
FEET STREET STRE	SPM PUMP INTAKE	2 8 FEET 1 € C	END OF TEST 42				100 ft	
RECOMMENDED PUT SHALLOW	MP TYPE RECOMMENDED PUMP	ED / 2 43-45 RECOMME! PUMPING RATE	N DED 46-49	S ,				
FINAL STATUS OF WELL	I WATER SUPPLY Description with the second s	ELL 6 ABANDONED 7 UNFINISHED	INSUFFICIENT SUPPLY POOR QUALITY		7 4	Mile	s Rd	<u></u>
WATER USE	DOMESTIC DOMESTIC RIGHTON RIGHTON OTHER	S COMMERCIAL MUNICIPAL PUBLIC SUPPLY COOLING OR AIR (CONDITIONING NOT USED	pr.	Whitcharc			
METHOD OF CONSTRUCTI	ON 4 GABLE TOOL 2 GROTARY (CONVE 3 GROTARY (REVERS ON 4 GROTARY (AIR) 5 GAIR PERCUSSION	SE)	ING	DRILLERS REMA	_		12	4980
	CONTRACTOR		WELL CONTRACTOR'	DATA SOURCE	58 CONTRI	803	OCT 04 %	395
ADDRESS ADDRESS NAME OF WEI SIGNATURE OF	R VNC	A1. 11 ·14	28U >	SOURCE O DATE OF INS		INSPECTOR		
NAME OF WE	Idercrest f	1/v Hamilto	WELL TECHNICIANS	H W REMARKS		1		- Control of the cont
SIGNATURE OF	TECHNICIAN CONTRACTOR	SUBMISSION DA		OFFICE			CS	S.ES
MINISTRY	OF THE ENVIRON		_ HO		· · · · · · · · · · · · · · · · · · ·		FORM NO. 050	6 (11/86) FORM 9

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

2 - MINISTRY OF ENVIRONMENT & ENERGY COPY

11	681	31	7	5
1 2				

Municipality		Con.
6800	7	CON
10	14	15

WENTWORTH	11 2	68131/5	68007	15 23 24
County or District	Township/Borough/City/	Town/Village	Con block tract	survey, etc. Lot 25-27
	Address 2039 M	Les Pol	Date	eted / 3 04 98
21 2	Northing	RC Elevation RC	Basin Code	day month year
	F OVERBURDEN AND BED	PROCK MATERIALS (see instruc	. 31	4/
General colour Most common material	Other materials	Genera	al description	Depth - feet From To
70p Soil				02
Brown Class				1 12
DOWN Clay			# Table 1	2 /3
Blue Clay			4	15 94
Grey Shale Rock				9478
			X	
31				
32 14 15 PECORD 21 51	CASING & OPEN HOLI	43 Sizes of Sizes of		5 75 80 meter 34-38 Length 39-40
Water found at – feet Kind of water Inside diam inches	Wali Material thickness inches	Prom To Slot No.		inches feet
9 50-13 Marrier Sulphur 14 Minerals Gas	Steel 12 Galvanized Concrete	0 942 B Material	and type	Depth at top of screen
15-18	4 ☐ Open hole 5 ☐ Plastic	20.23	PLUGGING & SE	ALING RECORD
20-23 1 Fresh 3 Sulphur 24 Minerals 2 Salty 6 Gas	Galvanized Galvanized Concrete Open hole	Depth set at	Annular space - feet	☐ Abandonment pe (Cement grout, bentonite, etc.)
25-28 Fresh 3 Sulphur 29	5 ☐ Plastic	13-13	14 17	
30 - 33 Fresh 3 Sulphur 34 - 60	2	26.29	22-25 30-33 80	
Pumping test method 10 Pumping rate 11-14				
71 Pump 2 Water level Conditions of Dumping Static level Water level Conditions of Dumping Static levels during 1	☐ Pumping 2 ☐ Recovery	In diagram below show	CATION OF WELL distances of well from	m road and lot line.
end of pumping	45 minutes 60 minutes	Indicate north by arrow		
Secommended pump type Secommended Seco				α
GPM fee Recommended pump type Recommended 43-45	t 🗌 Clear 🗌 Cloudy		Roh	
☐ Shallow	pump rate GPM			
FINAL STATUS OF WELL Water supply Abandoned, insufficient	supply a [] Unfinished		Airport	
2 Cobservation well 6 Abandoned, poor quality 3 Test hole 7 Abandoned (Other) 4 Recharge well 6 Dewatering	Replacement well	Miles Rd.	Bir	
WATER USE 55.56		1		
1	g 🔲 Not uşed 10 🗀 Other	30m		
₄ ☐ Industrial 8 ☐ Cooling & air conditionin	ng	6 € 80m →	•	
METHOD OF CONSTRUCTION ^{5/2} 1	₉ ☐ Driving 10 ☐ Digging			
3 Gotary (reverse) 7 Diamond 4 Rotary (air) 8 Gotary	Other			173090
Name of Well Contractor	Well Contractor's Licence No.	➤ Data 58 Contracctor		te received 63-68 80
Address Address	7019	Data 59 Contractor 70 Date of inspection	19	JUL 2 7 1999
175 Aldercrest Alv. Ham.	Well Technician's Licence No.	Remarks		
Signature of Technician/Contractor	T_2497 Submission date	Date of inspection Remarks		
Kerrin Marca	Submission date / day Cmo yr 99	2	<i>y</i> *	0506 (07/94) Front Form 9

(8)	Ontario	
W	Ontario	

0506E (09/03)

Ministry of the Environment

	L	
Well Tag Nun	ber (Place s	icker and print number below)
AO 34	337	

Well Record

Cette formule est disponible en français

		uio Liivii	Jilli Cill	AV							Regulation 90	3 On	tario Water	Res	ources Ae
nstructi	ons for Complet	ing Form		·	£	l O:	14	997					r	age	of
		_	only This	docum	ontic			ont les	al door		∟ lease retain for futu		,	- 3	
- All 26	ections must be c	ombieted in	i full to avoi	d delavs	in nr	locessi	ina	lFurthei	· instruction	ne an	d evalenations are a	ailahl	a an tha ha	ack of	f this form
Ques	itions regarding co	mpleting th	ıs applicati	on can b	e dire	ected t	o th	e Wate	r Well Ma	nager	ment Coordinator at	416	235-6203		uns ionn.
· All m	etre measureme se print clearly in b	nts snall b	e reported	to 1/10	h of a	metre	•. ┌─	<u> </u>							
	be print clearly in b		CINK ONLY.	* * * * *			هـ	ALINI			Ministry Us		•		
	vveir Location (Coun	ty/District/IVII	unicipality)			i I		hip	_		Lot	In	Conce		
R#/Street	TON - WFN I: Number/Name							//Town/\				0	گز ۳۳/۱۰ ماد/۲۰۰		
2026	MILES RU					-	Oit		/ illage		Site/Comp	arume	nt/Block/Tra	act et	С.
PS Readi		one Easti		North	•			t Make/I	Model			differen	tiated	Avera	aged
og of O	<u> 8⊦3 /</u> verburden and E	Redrock M	0934 aterials (s	97	77	823	01	RMAI		ETR	PEX Diff	erentia	ted, specify		
eneral Col		·		Other Mat				<u> </u>		`anara	Description		Dep	th	Metres
		matorial	<u> </u>	- IVIAI	Citals	-				enera	Description	-	Fro		То
BROWN											0-/	0	0		3.04
GREY	CLAY										10-9	0	3,0	4	27.4.
GREY	LIMESTON	4		ļ)						90-	120	24.	43	36.5
	-														
													-		
					·····									1	
														.	
		1													
Depth	le Diameter Metres Diameter			Const	ructio	on Rec	ord						Vell Yield		
From	Metres Diameter To Centimetres	_ inside	Materi	al		all ness		Depth	Metre	es	Pumping test method		aw Down Water Level		ecovery Water Level
0	6 25.4	11 """				netres		From	То		S48. PUMP	min		min	Metres
6					Casi	na			<u></u>		Pump intake set at - (metres) 33	Statio			
0	36,57 15.2	1	✓ Steel I	ibreglass		-9	,				Pumping rate -	1	19.87	1	23,19
		15.2	Plastic	Concrete	21.9	ro ·	1.	6	7	ا تر﴿	(litres/min) 2,27				
	ater Record]	Galvanized				•		27.4	3	Duration of pumping	2	19.96	2	23,13
ater found Metres	S Kind of Water		Steel	ibreglass							hrs + mir Final water level end		20		0311
<i>72</i> m	Fresh Sulphur		Plastic 0	Concrete							of pumping 24,35	3	20	3	23,11
Gas _ Other: _	Salty Mineral		Galvanized								Recommended pump	4	20,10	4	23,08
弥乔	Fresh Sulphur	1		ibreglass							type. ☐ Shallow 📝 Deep				
Gas	Salty Minerals	·	Plastic (1					-		Recommended pump depth. 35 metres	5	20,20	5	23,04
_ Other: _			Gaivanized		Scr	000					Recommended pump		20,63	40	22.89
m Gas	Fresh Sulphur Salty Minerals										rate. 2.27 (litres/min)	10 15	20,98	10 15	22.75
Other: _		diam		Fibreglass Concrete	Slo	No.					If flowing give rate -	20	20,47		22,58
_	well yield, water was		Galvanized								(litres/min)	25	21.70		22.49
☑ Clear and ☑ Other, sp	d sediment free	 				0					If pumping discontinued, give reason.	30	22,28	30	2237
Ouner, sp	Decity	1		No Ca	asıng	or Scr						40 50	23.02	40 50	21,73
hlorinated	Yes No		Y Open hole					2743	36,	57		60	24.38	60	21.54
12 As 21	Plugging and S	ealing Reco	ord [Annular	space	771 A	band	onment			Location				vs
epth set at	- Metres Material and t	/pe (bentonite :				Volun	ne Pl	aced			show distances of well for			nd bui	ilding.
From	6 BEN	76 4476 6				(cubi	c me	res)	Indicate n	orth by	arrow.				
	12274	OMITE S	C 4KK/						AIRI	PURT	Re				·····
				·!							1				
					. :						JV - 5	7+	WELL		
			· · · · · · · · · · · · · · · · · · ·								/ /	1.	4		
		B 0 - 41 1 5	0	-								J	· &		
Cable Too	ol Rotary	Method of		n amond		·	7 Dio	ging					N S		
	onventional)		□ Je				Oth	7 ° 1					1/2		
Rotary (re		1		iving		_									
10	The store		er Use				7		·	TK	INITY RO.				
Domestic Stock	Indust		=	iblic Supply ot used	/	<u> </u>	Oth	er	TO	HWY	#6				
	<u> </u>			ooling & air	condit	ioning			Audit No.	-,	Da Da	te Well	Completed	,	MM DD
Irrigation	Comm	pal		Joining & an					- 1	L	~ / ~ 1 1 1 4	ino	_		10 02
Irrigation	Comm	pai Final Sta	tus of Well			1		(011)				_			
J	Comm Munic	pai Final Sta	tus of Well	offinished		Aband	oned	(Other)		vell ow	ner's informationDa	te Deli	vered YY	YY.	MM DD 10 02
Irrigation Water Su	Dominic Munic	Final Sta vell I, insufficient s I, poor quality	tus of Well Ui upply De	nfinished ewatering eplacement		Abando	oned	(Other)	Was the v	vell ow	ner's information J? Yes No	te Deli	vered yy	YY.	MM DD
Irrigation Water Su Observation Test Hole	pply Recharge on well Abandone Well Co	pal Final Sta well d, insufficient s	tus of Well Ui upply De	nfinished ewatering eplacement formation	n				Was the v	vell ow lelivered	ner's information d? Yes No Ministry Us	te Deli	vered yy	YY.	MM DD
Irrigation Water Sur Observation Test Hole Test Hole	pply Recharge on well Abandoned Well Co	pal Final Sta well d, insufficient s d, poor quality ntractor/Tec	tus of Well Unupply De	nfinished ewatering eplacement formation	n	Abando			Was the v package d	well ow lelivered	ner's information 1? Yes No Ministry Us	e Onl	y A	YY.	MM DD
Water Sul Observation Test Hole	pply Recharge on well Abandone Well Co	Final Sta well d, insufficient s d, poor quality intractor/Tec c///6 L/F	tus of Well Un upply De Rechnician In	offinished ewatering eplacement formation We	n II Conti				Was the v	well ow lelivered	ner's information 1? Yes No Ministry Us	e Onl	y Q	YY.	MM DD

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

Appendix 1C

Ministry of the Environment, Conservation & Parks Water Well Records along Cross-Section C-C'



The Ontario Water Resources Commission Act

WATER WELL RECORD

	Water management	in Ontario 1. PRINT ONLY IN S 2. CHECK 🔀 CORRI	CT BOX WHERE APPLICAT			6807	848	MUNICIP. 6800	Z Con.	bn,	1 104
	1.	NOKIH	TOWNSHIP, BOROUG	H, CITY, TOWN, VIL	LAGE	3	9 CON	., BLOCK, TRACT. SU	14 15		22 23 24 LOT 7 25-27
	OWNER (SURNAME F	IRST) 28-47	SS.	RR#	2^2	1. 5.	1070	DR	DATE COI	MPLETED O	7 ⁵³ 7/
			HING	77950	RC.	ELEVATION	RC.	BASIN CODE	DAY_13	MO III	4 √19 ×
		IC		24	25	0740	30	31			47
	GENERAL COLOUR	MOST COMMON MATERIAL	OF OVERBUR	MATERIALS	EDROCI	MATERI	_			DEPT	H - FEET
				MATERIALS			GENER	AL DESCRIPTION		FROM	то
		10/3012								0	1
	BROWN	CHAY								1"	+
	-	/									22
	ELUE	CLAY								22	95
i	7:										
ł	SPERY	LIMF RUCK			· · · · ·					95	100
F										<u> </u>	
f											
ľ										-	
Æ								<u> </u>			
$\sqrt{[}$	31 0000	1 02 1 1 0022	das I ac	1815taast 1	1 00	00215					
_ 	32	14 15 21	32		43	шШ			65		75 80
	WATE WATE	R RECORD	51 CASING &	OPEN HO	LE RE		(SLOT	OF OPENING NO.)	31-33 DIAMET	ER 34-38	
ا م	10-13	FRESH 3 SULPHUR 14	DIAM. MATERIAL INCHES		FROM	то	MATER	IAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44 80
7 a	15-18	FRESH 3 SULPHUR 19	Z GALVANIZE		0	36	[N]				FEET
}	20-23	SALTY 4 MINERAL FRESH 3 SULPHUR 24	06 4 OPEN HOL	19		20-23	DEPTH SE	LUGGING	& SEAL	CEN	MENT GROUT.
-	25-28	SALTY 4 MINERAL FRESH 3 SULPHUR 29	2 ☐ GALVANIZE 3 ☐ CONCRETE 4 DEN HOL	1	86	700	FROM 10-1	10	TEMAL AND	LEAD	PACKER, ETC.)
-	2 🗆 :	SALTY 4 MINERAL FRESH 3 SULPHUR 34 80	24-25 1 STEEL 2 GALVANIZE	26 D		27-30	18-2	22-25			
	2 2	SALTY 4 MINERAL	3 ☐ CONCRETE 4 ☐ OPEN HOL				26-2	9 30-33 80			
	71 PUMPING TEST METHO	D PUMPING RATE	11-14 DURATION O	15-16			ΓO	CATION C	F WEL	<u> </u>	
4	STATIC LEVEL	WATER LEVEL 25 END OF WATER L		HOURS MIN PUMPING ECOVERY	is.	IN DI. LOT L	AGRAM BELO INE. INDICA	W SHOW DISTANCES TE NORTH BY ARROY	OF WELL FROI	M ROAD AND	
	19-21	22-24 15 MINUTES 26-28	30 MINUTES 45 MINU 29-31			\sim	7				
2	FEET FLOWING, GIVE RATE	38-41 PUMP INTAKE SET	AT FEET UHO WATER AT E	FEET OF FEE	ET 42	X		١			
	RECOMMENDED PUMP		FEET CLE					1			
		DEEP PUMP SETTING 65	FEET RATE	7 0005 GP1	<u>w.</u>						
F	5	GPM./FT. SPECIFIC WATER SUPPLY				10		24	, /AM	0	но
	FINAL STATUS	² ☐ OBSERVATION WELL ³ ☐ TEST HOLE	5 ☐ ABANDONED, IN 6 ☐ ABANDONED, PO 7 ☐ UNFINISHED	SUFFICIENT SUPPLY OOR QUALITY		TV V	= #	# 74		3/5	7
-	OF WELL	4 ☐ RECHARGE WELL DOMESTIC	5 ☐ COMMERCIAL		┨ .				:		
	WATER O	2 ⁴ □ STOCK 3 □ IRRIGATION	6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY								
		4 🗆 INDUSTRIAL	8 COOLING OR AIR CO	NDITIONING OT USED	11						
	METHOD	CABLE TOOL	6 ☐ BORING AL) 7 ☐ DIAMONI	0	11						
	OF DRILLING	3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR)	8 ☐ JETTING 9 ☐ DRIVING				,				
	NAME OF WELL CON	5 AIR PERCUSSION		LICENCE NUMBER		ERS REMARKS:	58 CONT	PACTOR 50 00			
TOR	the second	Like	e	2703] z	ATA OURCE			26	871	63-68 80
AC.	175	Mari	interest	A francisco de mario	S. S.	ATE OF INSPECTI	ON 72_	INSPECTOR	-		7
N		OR BORER		LICENCE NUMBER		EMARKS:				。 P	2
00			SUBMISSION DATE	8 71	OFFICE				CSS.S	W	13
Ć	WRC CO		DAT - MO-	YR	ے ر	·					



The Ontario Water Resources Commission Act

WATER WELL RECORD

30 M/4E

	Water management in On	fario 1. PRINT ONLY IN SPA 2. CHECK X CORREC	ACES PROVIDED T BOX WHERE APPLICABLE	11 6	808175-	MUNICIP. 68997	CON	OS
	COUNTY OR DISTRICT	ORTH	GLANF	3	9	CON., BLOCK, TRACT, SURVEY		006
				NT H	OPE		DAY 2 0 MO 24 A	
			78	3.70 K	ELEVATION L	BASIN CODE		<u>ī</u> <u>v</u>
7			G OF OVERBURDEN	AND BEDROC	K MATERIALS	(SEE INSTRUCTIONS)	DEATH	- FEET
ļ	GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MAT	ERIALS	G	GENERAL DESCRIPTION	FROM	TO
ŀ	7	TOP SOIL					0	6
	BROWN	CLAY	•				6	24
	BLUE (CLAY					24	124
	GREY L	IMERACK					124	128
	CALLEY A	MENOCK				·	/ × 7	720
								7
	31 1900	102 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10/2/5	43/05/11/6	2138215			
[32 10 14	15 21	32	4	3	54 54 SITE OF OPENING 31	65 -33 DIAMETER 34-38	75 80 LENGTH 39-40
4	WATER FOUND	RECORD	51 CASING & C	WALL DEP	TH - FEET	(SLOT NO.)	INCHES DEPTH TO TOP	FEET
	10-13	ESH 3 SULPHUR 14	INCHES STEEL I.	INCHES FROM	13-16 V		OF SCREEN	41-44 80 FEET
	1 2 "	ESH 3 SULPHUR 19	3 □ CONCRETE 4 □ OPEN HOLE		0/25 6			
	20-23 1		17-18 1 ☐ STEEL 19 2 ☐ GALVANIZED 3 ☐ CONCRETE	/2.5		DEPTH SET AT - FEET MAT FROM TO 10-13 14-17		MENT GROUT, PACKER, ETC.)
	25-28 1 FR 2 SA		4 OPEN HOLE 24-25 1 ☐ STEEL 2	6	0/38	18-21 22-25		
	30-33 1	-	2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			26-29 30-33 80		
	PUMPING TEST METHOD	10 PUMPING RATE	0002 OD 11-14 DURATION OF P	UMPING -16 00 17-18 URS 0 MINS.		LOCATION O		
7	STATIC W	VATER LEVEL 25 END OF WATER PUMPING	LEVELS DURING	PUMPING RECOVERY	IN DIAGR. LOT LINE.	AM BELOW SHOW DISTUNCES O . INDICATE NORTH BY ADROW.	F WELL FROM ROAD AND	
	045 49-21	22-24 15 MINUTES 26-26	30 MINUTES 29-31 45 MINUTES 32	1-34 35-37				
	Z IF FLOWING, GIVE RATE	38-41 PUMP INTAKE S	ET AT WATER AT END	OF TEST 42				
	RECOMMENDED PUMP T	PUMP .	FEET SCEAM 43-45 RECOMMENDED PUMPING RATE					
	50-53 O	O.O GPM./FT. SPECIFI	—	*	1	AIR PA	RT. RD	
	FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION WELL			11 ,05	710-		
	OF WELL	3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 1 DOMESTIC	7 UNFINISHED 5 COMMERCIAL		- 0	3		
	WATER	STOCK 3 IRRIGATION	6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY			_ \		
	USE 0 /	4 INDUSTRIAL OTHER	8 COOLING OR AIR CON 9 NOT	. 11	À	H _W		
	METHOD 57	1 CABLE TOOL CONVENTI CONVENTI CONVENTI			V			
	OF DRILLING	4 ROTARY (REVERSE) 4 ROTARY (AIR) 5 AIR PERCUSSION	9 DRIVING	•	DRILLERS REMARKS:	#		
	NAME OF WELL CON		,	CENCE NUMBER	DATA SOURCE /	58 CONTRACTOR 59-62 D	170872	63-68 80
		NK IN LDEK (RESI	r Aug. H		SOURCE DATE OF INSPECTION	l l	- • VOI 2	2
	NAME OF DRILLER C		u	CENCE NUMBER	REMARKS:		000.00	7
	SIGNATURE OF CONT	TRACTOR INC.	SUBMISSION DATE	\$ yR?2	OFFICE		CSS.S8	NI
- 1	TIMAN		- 100		l		<u> </u>	

MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

L RECORD 300/4e 1. PRINT ONLY IN SPACES PROVIDED 68007 6809305 4 2. CHECK X CORRECT BOX WHERE AP 77908 24 AUG 09, 1977 317 LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) GENERAL COLOUR OTHER MATERIALS - FEET GENERAL DESCRIPTION FROM TO 94 0094205 1 010215 10 14 15 21 41 WATER RECORD 51 **CASING & OPEN HOLE RECORD** SIZE(S) OF OPENING SCREEN WATER FOUND KIND OF WATER DEPT FROM MATERIAL AND TYPE FRESH 3 SULPHUR
SALTY 4 MINERAL DEPTH TO TOP 100 STEEL GALVANIZED 0094 1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL CONCRETE Ø 61 **PLUGGING & SEALING RECORD** OPEN HOLE DEPTH SET AT - FEET STEEL 1 FRESH 3 SULPHUR 2
2 SALTY 4 MINERAL MATERIAL AND TYPE 2 🗌 GALVANIZED FROM CONCRETE 1 FRESH 3 SULPHUR
2 SALTY 4 MINERAL OPEN HOLE 1 D STEEL 27-30 22-2 1 🗆 FRESH 3 🗔 SULPHUR 3 CONCRETE 26-29 30-33 80 4 | MINERAL LOCATION OF WELL 9077 2 | BAILER STATIC WATER LEVELS DURING IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW. PUMPING TEST MINUTES 30 MINUTES RECOMMENDED PUMP SETTING EAST 105 GPM./FT. SPECIFIC CAPACITY DELL WATER SUPPLY
OBSERVATION WELL
TEST HOLE 5 ABANDONED, INSUFFICIENT SUPPLY
6 ABANDONED, POOR QUALITY FINAL STATUS 7 UNFINISHED OF WELL 4 | RECHARGE WELL DOMESTIC STOCK 5 COMMERCIAL 6 MUNICIPAL **WATER** 3 | IRRIGATION
4 | INDUSTRIAL D PUBLIC SUPPLY INDUSTRIAL USP COOLING OR AIR CONDITIONING OTHER 9 D NOT USED 6 D BORING
7 DIAMOND 1 CABLE TOOL METHOD ROTARY (CONVENTIONAL)
ROTARY (REVERSE) 8 D JETTING DRILLING 4 ROTARY (AIR)
5 AIR PERCUSSION 9 DRIVING 10 DRILLERS REMARKS DATE 3 CENTO 176 ONLY 4208 CONTRACTOR DATE OF INSPECTIO OFFICE USE REMARKS

WI

MINISTRY OF THE ENVIRONMENT

	ine C	villatio water kesot	urces Act	
WATE	Ŗ	WELL	RECC	RD

Bon/11

Ontario	1. PRINT ONLY IN SP 2. CHECK ⊠ CORREC	PACES PROVIDED CT BOX WHERE APPLICABLE		68093	29.1 MUNICIP.	007	CONI	42
COUNTY OR DISTRICT	TWORTH	TOWNSHIP, BOROUGH, CITY, TOWN		οK	CON BLOCK, TRA	14	15	007
		100 A			RO.	DAT	E COMPLETED 05	48-53 YR,
	LOC	7783 or G OF OVERBURDEN AND	24 25	O 762 MATERIALS	S (SEE INSTRUCTION	WS)		
GENERAL COLOUR		OTHER MATERIALS			GENERAL DESCRIP		DEPT FROM	H - FEET
	TOPSOIL						P	4
BROWN	CIAV							9 /

10PSO1		<i>Q</i>	4
BROWN CLAY		H	2 4
BLUE CLAY		26	101
GREY LIMEROC	A	101	106
31) 0004 02 100	26605 0101365 0106215		1.11

32	10	1111	15	21	Ш		1 32	L						
41])_	WATE	R RE	CORD		51	CASING 8	. (PEN HO	DLE REC	ORD		SIZE(S)	OF OPENING
	FOUND - FEET	4	KIND C	F WATER	1	INSIDE DIAM.	MATERIAL		WALL THICKNESS	DEPT	1 - FEET			
2	19-13	1 XF	RESH	3 SULPHUR	4	INCHES			INCHES	FROM	to	5	1	L AND TYPE
714	14	² 🗂 s	ALTY	4 MINERAL	Т	6 74	1 LESTEEL	12	148	0	0102	L	<u> </u>	
	15-18	' U '		3 SULPHUR 1	9	06	3 ☐ CONCRETE 4 ☐ OPEN HOLE		1 8 0		10100		51	PLUG
	20-23	, 🗆 .		3 SULPHUR 2	4	17-18	1 STEEL 2 GALVANIZED 3 CONCRETE	19			20-23		DEPTH SET	AT - FEET TO
	25-28	1 U F		3 1 30 THUR	9		4 D OPEN HOLE						10-13	14-1
-	30-33			4 MINERAL		i	1 STEEL 2 GALVANIZED	26			27-30		18-21	22-2
	50-33			3 SULPHUR 3	4 80		3 CONCRETE 4 DPEN HOLE						26-29	30-3
					_			_						

SCREE	MATERIAL AND TYPE			INCHES DEPTH TO TOP OF SCREEN	41-44 FEET	80
6	1	PLUG	il	IG & SEALING RECO	RD	
D	EPTH SET	PTH SET AT - FEET		MATERIAL AND TYPE (CEME	NT GROUT,	- 117
<u></u>	ROM	TO		LEAD PA	CKER, ETC.)	j.
	10-13	14-17				100
	18-21	22-25				
	26.20	20.11				-

65 75 31-33 DIAMETER 34-38 LENGTH

				_		
7.	PUMPING TEST MET	HOD 10	PUMPING RATE	11-14	DURATION OF PUMP	NG
	1 🗆 PUMP	2 BAILER	0020	GPM.	0 15-16 HOURS	0 D 17-18 MINS.
Ľ	STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVEL	S DURING	-7	M PING COVERY
EST	19-21	22-24	15 MINUTES 3	O MINUTES	45 MINUTES	60 MINUTES
15/	061	DG 1	N / 126-28	29-31	32-34	35-37
ပ	FEET	FEET	FEET	FEET	FEET	FEET
PUMPING	IF FLOWING. GIVE RATE	38-41	PUMP INTAKE SET A	r	WATER AT END OF T	EST 42
ΙĒ		GPM.		FEET	1 CLEAR :	CLOUDY
15	RECOMMENDED PUN	IP TYPE	RECOMMENDED	43-45	RECOMMENDED	46-49
	☐ SHALLOW	DEEP	SETTING 9	7 геет	0003	GPM.
	50-53	- <u>-</u>	GPM./FT. SPECIFIC	CAPACITY		
		54				
	FINAL	1 WATI	ER SUPPLY		NDONED, INSUFFIC	

IN DIAGRAM BELOW SHOW DISTAI LOT LINE. ANDICATE NORTH B	NCES OF WELL FROM ROAD AND Y ARROW.
AIR PERT RD	101 Page 140'
	2 mi
DRILLERS REMARKS:	

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 0/	DOMESTIC 5 COMMERCIAL COMMERC
METHOD / OF DRILLING	1
NAME OF WELL CON	RACTOR AUGUST

NAME OF WELL CONTRACTOR	Ince	2803
AMRESS 175 ALLE	resentave.	
NAME OF DRILLER OR BORER		LICENCE NUMBER

NLY	DATA 58 SOURCE	12803	DATE RECEIVED	0476	80
USE O	DATE OF INSPECTION	INSPECTOR	15.	1/2	
OFFICE L	REMARKS:	,		P	
OFF			CSS.S8	WI	

The Ontario Water Resources Act 30 m/4e
WATER WELL RECORD Ministry of the Environment 6810237 68.007 CAN 1. PRINT ONLY IN SPACES PROVIDED

-	COUNTY OR DISTRICT TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE CON. BLOCK, TRACT, SURVEY, ETC.	200 1	LOT 25-27
	OWNER (SURMANE SIRES)	4	089
	1380 DIRPORTROUNT HOPE DATE COM	PLETEDO 7	41-53 L 0A
[(1) 389,980 47,78000 4 0750 4 24 24 34 34 COPE	7	17
Γ	24 25 26 50 31		
ŀ	LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) GENERAL COLOUR MOST	· ·	
ŀ	COMMON MATERIAL OTHER MATERIALS GENERAL DESCRIPTION	FROM	TO TO
-	TOPSOIL	O	5
			1
K	BROWNCLAY	5-	20
•			
1	BLUE CLAY	20	79
- 1		20	0
- 1	FREVLIMEROCK	7 0	96
		07	76
1			
T			
F			
T			
7	31) 10005 102 100201605 10018913105 1009612115 1		
	32 0005 02 0020605 0089305 0096215 0096215 0096215	444	
_	10 14 15 21 32 43 54 55		75 0
1	ATER FOUND KIND OF WATER INSIDE WALL DEPTH - FEET IN		ENGTH 39.40
	10-13 TOP FRESH 3 CI SUI BAND TO COMMATERIAL AND TYPE	DEPTH TO TOP OF SCREEN	FEET 41-44 30
47	3 SALTY MINERAL STORM GALVANIZED 188 0 COOP O	·- ·	FEET
	2 SALTY 1 MINERAL OF 1 OPEN HOLE 61 PLUGGING & SEAL	NG RECO	RD
	20-23 1 FRESH 3 SULPHUR 24 2 SALTY 4 MINERAL 2 GALVANIZED FROM 10 MATERIAL AND	TIPE	NT GROUT CKER, ETC)
	25-28 ! FRESH 3 SULPHUR 25 4 OPEN HOLE 10-13 14-17		
\vdash	30-33 1 FRESH 3 SULPHUR 34 60 2 GALVANIZED		
	1 FRESH 3 SULPHUR 3 CONCRETE 26-29 30-33 80		.4
7	POMPING TEST METHOD 10 PUMPING RATE 11-14 DURATION OF PUMPING 1 D PUMP P BAILER 002 0 15-16 00 17-18 LOCATION OF WELL		- J
	STATIC WATER LEVEL 25 GPM HOURS WATER LEVEL 25		
TEST	LEVEL MAILE LEVELS DONING		
		ile.	
PUMPING	GIVE RATE SE-41 SPUMP INTAKE SET AT WATER AT END OF TEST 42	use.	
\S	GPM FEET 1 CLEAR 2 CLOUDY RECOMMENDED PUMP TYPE RECOMMENDED 43-45 RECOMMENDED 46-45 AIRPORT RO.		
"	SHALLOW X DEEP SETTION OF SETTIONS	>I	
		Km	
	FINAL WATER SUPPLY S ABANDONED, INSUFFICIENT SUPPLY		
	OF WELL TEST HOLE 7 UNFINISHED		-
	55-56 1 DOMESTIC 5 COMMERCIAL®		ĺ
Ì	WATER 3 IRRIGATION PUBLIC SUPPLY USE 0 4 INDUSTRIAL COOLING OR AIR CONDITIONING		ĺ
L	OTHER S NOT USED		·
	METHOD 7 CABLE TOOL 6 BORING ROTARY (CONVENTIONAL) 7 DIAMOND	moo.	
	OF ROTARY (CONVENTIONAL) DIAMOND DRILLING DRILLING DRIVING		
L	5 AIR PERCUSSION DRIVING		
	NAME OF WELL CONTRACTOR LICENCE NUMBER DATA SOURCE SOURCE	048	-68 80
CONTRACTOR	APORESS DATE OF INSPECTION INSPECTION INSPECTION	= U	2-2
¥	1 5 aldercreat (we Home to	my of 8	7
INC	NAME OF DRILLER OR BORER LICENCE NUMBER D REMARKS	20.00	
٥	SIGNATURE OF CONTRACTOR SUBMISSION PAYE LU O	SS.S8	

MINISTRY OF THE ENVIRONMENT COPY

Frank clave

FORM NO. 0506-4-77

The Ontario Water Resources Act 30m /4e

(Environ	ment	· • • • • • • • • • • • • • • • • • • •	VVA		VV		KEC	JU	KL
C)ntario	1. PRINT ONLY IN	SPACES PROVIDED	11	6810	238	6.8.007	GON		1 104
٦	OUNTY OR DISTRICT		TOWNSHIP, BOROUGH, CITY		E		L. BLOCK, TRACT, SURVE	15		OT 25:27
	WENTH	70/27//	GLAN.	BRO	OK	1	t		00	9
			137	O A1.	RPORT.	mo	UNT-HOM	DATE COMPLETED	06 4 Mo JUM	•3 ₩ ₄₈ 80
			7.78	020	RC ELEVATION	Br.	BASIN CODE	" 1 1 .	*** .	įv
		L(OG OF OVERBURDEN		25 26	30	INSTRUCTIONS			
G	GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MAT				RAL DESCRIPTION		DEPTH -	FEET
	To	OF 5014							FROM 5	10
										<u> </u>
E	ROWNE	LAY							,	20
							***	- 4		
	BLUE C.	LAY	·	•				2	1	19
										0 1
(EREY LI	MEROC	K					8	9	99
	,							N.	7 - 5	
-										
\perp										
-			<u> </u>		-					
يح	21	5 1 1 10 00 0								
	31 0006 0	2 1 1 002	2605 0089	305	009921			للسلل الم	44	4
	41) WATER F	SECORD I	51 CASING & O	DEN HOLE	- LECORD	SIZE	54 S) OF OPENING 3	65 1-33 DIAMETER	34-38 LEN	75 80 IGTH 39-40
*	ATER COUND	O OF WATER	INSIDE DIAM MATERIAL	WALL THICKNESS	DEPTH - FEET	1 22	NO)		NCHES	FEET
do	7 / 10-13 1X FRESI	H ³ SULPHUR ¹⁴ Y ⁴ MINERAL	10-11 1 STEEL 12	INCHES	FROM TO	110	RIAL AND TYPE	DEPTH OF SCR	TO TOP EEN	41-44 10
	15-18 1 FRESE	1 4	OL GALVANIZED CONCRETE OPEN HOLE		0090	61	PLUGGING	& SEALING	RECOR	FEET
-	20-23 1 FRESH	H ³ [] SULPHUR ²⁴	17-18 GALVANIZED		20-2		SET AT - FEET	TERIAL AND TYPE	(CEMENT	GROUT
-		Y ⁴ MINERAL H ³ SULPHUR ²⁹	3 CONCRETE 4 OPEN HOLE				-13 14-17			LR. CIC.
Ŀ	2 SALTY	Y 4 MINERAL	24-25 1 STEEL 26 Z GALVANIZED		27-36	18	-21 22-25			
Ļ	2 SALTY	H 3 SULPHUR 34 60 7 4 MINERAL	CONCRETE OPEN HOLE			26-	29 30-33 40			
7	UMPING TEST METHOD	10 PUMPING RATE	11-14 DURATION OF PUM (15-16			L	OCATION OF	WELL	·	
	STATIC WATER	LEVEL 25 OF WATER LE	VELS DURING	UMPING	IN D	IAGRAM BELO	OW SHOW DISTANCES	OF WELL FROM I	ROAD AND	
EST	19-21	PING 22-24 15 MINUTES 26-20	30 MINUTES 45 MINUTES	60 MINUTES	.,,	N	ICATE NORTH BY ARRO	>₩ .		
\[\begin{array}{c} \be	OG H FEET DE	FEET OF 4 FEET	FEET FEET	T FEET		1	CC.			
PUMPIN	GIVE RATE	GPM		₽ □ CLOUDY		/ .	CONILY edbrick.			
⊋	RECOMMENDED PUMP TYPE SHALLOW TO DE	RECOMMENDED PUMP SETTING 9	43-45 RECOMMENDED PUMPING	; 46-49 GPM		/ ^	eabrick.			
	50-53]		1100'			
		☐ WATER SUPPLY ☐ OBSERVATION WELL	5 ABANDONED, INSUFFI				1100			
	OF 10154	TEST HOLE RECHARGE WELL	7 UNFINISHED			ROURT D.	1.15	Km	→	= [
	1 2	DOMESTIC STOCK	S COMMERCIAL MUNICIPAL			~	. –			
		☐ IRRIGATION ☐ INDUSTRIAL	PUBLIC SUPPLY © COOLING OR AIR CONDITIES	ONING						
<u> </u>	57	OTHER	• □ NOT U	SED					L'S	,.
	METHOD . 2	CABLE TOOL ROTARY (CONVENTION ROTARY (REVERSE)			1111			/	MO.	
	DRILLING 1 1	ROTARY (AIR) AIR PERCUSSION	. □ JETTING DRIVING		MARCO					
一	NAME OF WELL CONTRACT	TOR /	LICEN	CE NUMBER	DRILLERS REMAN		MTRACTOR 59-62 DAT			41 41 44
90	Frank	: In	,	803	SOURCE NO DATE OF INSP	1	2803	U704	81	43-64 80
CONTRACTOR	175 ala	Leure	A ave. Hamil	elten	SE	ECTION	INSPECTOR	n	Mys/	2.
NTF	NAME OF DRILLER OR BO	RER	LICEN	CE NUMBER	D REMARKS			**************************************	7	
1.	SIGNATURE OF CONTRACT		SUBMISSION DATE		OFFICE.	ž		CSS	.58	
<u></u>	MINISTRY OF	THE ENVIRO	ONMENT COPY	YR					ORM NO. 0	506-4-77

20-23 1 FRESH 3 SULPHUR 24 17-78 STEEL 19 GALVANIZED 3 CONCRETE GALVANIZED 3 CONCRETE GALVANIZED CONCRETE CONC	20-23 DEPTH SET AT - FEET MATERIAL AND TYPE (CEMENT GROUT FROM TO 190-13 14-17 14-17 14-25 22-25 30-33 80
STATIC LEVEL WATER LEVEL PUMPING WATER LEVELS DURING 1 PUMPING EVEL PUMPING 22-24 15 MINUTES 30 MINUTES 32-34 32-34 29-31 32-34 29-31 32-34 29-31 32-34 29-31 32-34 32-3	CENTE
FINAL STATUS OF WELL STATUS OF WELL STATUS OF WELL STATUS OF WELL STATUS OF WELL STATUS OF WELL STATUS OF WELL STATUS OF WELL STATUS OF WELL STATUS OF WELL STATUS OF WELL STATUS OF WELL OF WELL STATUS OF WELL OF WATER OF WATER SUPPLY STATUS OF WATER OF WATER SUPPLY OF WA	100'
WATER USE IRRIGATION IRRIGATION COOLING OR AIR CONDITIONING OTHER	AIRPURT (1.15Km) RO. CONT MILES REMARKS
NAME OF WELL CONTRACTOR ADDRESS ADDRE	DATA SOURCE 1 2803 DATE OF INSPECTION INSPECTION INSPECTOR DATE RECOMPLY OF A SOURCE AND A SOU

MINISTRY OF THE ENVIRONMENT COPY

CSS.S8

FORM NO. 0506-4--77

The Ontario Water Resources Act 30m/4e WATER WELL DECOME

Ontario COUNTY OR DIS	Environm). PRINT ONLY IN	I SPACES PROVIDED RECT BOX WHERE APPLIC			8103	69	6B.00	Z C	S.N.	
		ORTH		GH. CITY, TOWN, VIL	LAGE	:<	CON.	BLOCK TRACT. SUR	<u>. 15 4</u>		LOT 25-27
			5		N)		000		DATE CO	MPLETED 08	0 8
			77	77980	RC.	ELEVATION	RC.	BASIN CODE	DAY Z	<u>O</u> мо ∑	1V 01
	10	12 -	OG OF OVERBUR	EDEN AND DE	TE CO	QZ30	38	3,4		<u> </u>	1111
GENERAL COL	OUR	MOST IMON MATERIAL		ER MATERIALS	DRUCK	MATERIA				DEPT	H - FEET
	TA	DSOLL			-		oznek.	AL DESCRIPTION		FROM	то
		1 1010			<u> </u>					0	4
BROW	M CA	AV		·						4	1 1
					,					14	20
BIUE	CL	AY		:				······································		20	95
BROW	V C	SH SH	ALE RI	OCK						95	96
/2											
WARY	IIN	FALCK	``	· Van	-	.			714.	96	132
				i		4		····			
					<u> </u>	-					
31 00	004 02	<u> </u>	16/05 16	995305	.	966 V 7 V	2	11 22 21 21 21	1 11		
32	14 15	عبرا لبلا				1700 11		132215		1111	
	VATER RE	CORD	(51) CASING	3 & OPEN HO	LE REC	ORD	SIZE(S)	OF OPENING	31-33 DIAME	TER 34-38 I	75 AD LENGTH 39-40
WATER FOUND AT - FEET	KIND OF	WATER 3 SULPHUR 14	INSIDE DIAM MATERIA INCHES	L THICKNESS INCHES	DEPTH FRUM	- FEET	WATER!	AL AND TYPE		INCHES DEPTH TO TOP	FEET
1 4	2 SALTY	4 □ MINERAL	10-11 1 STEEL 2 GALVANI		06	96"	Š		···	OF SCREEN	FEET
	FRESH SALTY		06 3 CONCRE 4 OPEN HO				61	PLUGGIN	3 & SEAL	ING RECO	RD
	FRESH SALTY	SULPHUR 24	2 ☐ GALVANI		•	20-23	FROM	10	ATERIAL AND		NT GROUT. CKER. ETC 1
	I FRESH .	3 SULPHUR ²⁹	4 OPEN HO	26 Z6		27-30	10-(;				
	FRESH .	SULPHUR 34 80	2 GALVANI 3 GONGRET 4 GOPEN HO	TE			26-29				
71 PUMPING TEST	METHOD	10 PUMPING RATE	OO N-14 DURATION	·	7			CATION C	P 184 P 1 -		
1 D PUM	WATER LEV	EL 25	GP# 02	HOURS 00 H	-18 NS	IN DIAG		SHOW DISTANCES			
LEVEL	END OF PUMPING 9-21	WATER LEV	ELS DUKING	RECOVERY		LOT LIN	E INDIC	ATE NORTH BY AR	ROW	ROM ROAD AN	ND
P72	EET / 32	FEET 2 8 FEET	124ET 120	O 111	-37 ET		1				Í
IF FLOWING, GIVE RATE RECOMMENDED		38-41 PUMP INTAKE SE	, i	END OF TEST	42 Y						r l
RECOMMENDED SHALL	×	RECOMMENDED PUMP SETTING	43-45 RECOMMEN	*DED 0001 "	•			CONT	E .		
50-53	X 5227	12	FEET ROST	S GI			/	CONT NTRO.E.			
FINAL	1.0	WATER SUPPLY OBSERVATION WELL	S ABANDONED, I	NSUFFICIENT SUPPLY			AIRPU.	NTRO.E.			
STATUS OF WELL	· / 3 🗆	TEST HOLE RECHARGE WELL	7 UNFINISHED	OOR GUNETTY		/\<	'	?	dsm		
MATER	55-56	DOMESTIC STOCK	5 COMMERCIAL 6 MUNICIPAL			Yall.	1.451	EN T			
WATER USE	T .	IRRIGATION INDUSTRIAL	7 D PUBLIC SUPPLY COOLING OR AIR CO			4	C	NI			-
	57	OTHER		NOT USED	41		~	et 8.			
METHOD OF) / (C)	CABLE TOOL ROTARY (CONVENTIO ROTARY (REVERSE)	6 ☐ BORIN NAL) 7 ☐ DIAMO 8 ☐ JETTIN	OND .							
DRILLING	3 4	ROTARY (AIR) AIR PERCUSSION	DRIVIN		De:						
	L CONTRACTOR	B		LICENCE NUMBER	7	MTA	SS COUT		ure d'acepté	O 4	
ADDRESS	anto	dr.		2803	JZL	PATE OF INSPECTIO		803	<u> </u>	<u>U4 {</u>	32
NAME OF DRIL	LLER OR BORER	leccre	It ave. 11	ANULLA LICENCE NUMBER	SE					11 lay	25/82
ADDRESS ADDRESS ADDRESS ADDRESS SIGNATURE OF DRILL	F CONTRACTOR		SUBMISSION DATE	TO MBER	OFFICE (EMARKS:			CSS.S	. ँ !	-
The	and I	Inc	e DAY 12.	40 ARALLYORS	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				C 33.3		
MINI	CTDVA		IRONMENT (

The Ontario Water Resources Act

WATER WELL RECORD

Ontario		COLLATO MUNICIP CON.	
1. PRINT ONLY IN 2. CHECK 🗵 CORR	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE		23 74 25-27
Moniturnth	Glan Brock	4 7	
	8350		<u>88</u>
	ING R	RC ELEVATIÓN RC BASIN CODE 11 111 IV	- 147
LC	OG OF OVERBURDEN AND BEDRO	OCK MATERIALS (SEE INSTRUCTIONS)	
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION DEPTH - FEET FROM TO	
TOPSOIL	·	0 3	>
Beauty Class	,	2 2	っ
SKOWN CIAY		J 2	_
Blue Clay		22 1/6	5
Opey Shale Rack		118 12	0
			\dashv
31			
32 VATER RECORD	51 CASING & OPEN HOLE I	43 54 65 75 DECORD Size:5: OF OPENING 31:33 DIAMETER 34:38 LENGTH	39.40
WATER FOUND KIND OF WATER	INSIDE WALL THICKNESS	DEPTH - FEET U INCHES	FEET
120-13 DE FRESH 3 SULPHUR 4 MINERALS 6 GAS	INCHES INCHES FR	ROM TO MATERIAL AND TYPE DEPTH TO TOP OF SCREEN	
15-18 FRESH 3 SULPHUR 19 2 SALTY 6 GAS	2 GALVANIZED 3 CONCRETE 4 DEPEN HOLE 5 PLASTIC	61 PLUGGING & SEALING RECORD	
20-23 1 FRESH 3 SULPHUR 24 2 SALTY 6 GAS	17-16 1 1 STEEL 2 19 GALVANIZED 3 10 CONCRETE	20-21 DEPTH SET AT FEET MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.	
25-28 1 FRESH 3 SULPHUR 25 4 MINERALS 6 GAS	4 OPEN HOLE 5 PLASTIC 24-25 1 OSTEEL	10-13 14-17 27-30 18-24 22-25	\dashv
30-33 1 FRESH 3 SULPHUR 24 CG 2 SALTY 6 GAS	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC	26-29 30-33 80	
PUMPING TEST METHOD 10 PUMPING RATE	11-14 DURATION OF PUMPING	LOCATION OF WELL	_
STATIC WATER LEVEL 25 END OF WATER LE	20 GPM	IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND	
LEVEL PUMPING WATER LE	2 RECOVERY 30 MINUTES 45 MINUTES 60 MINUTES 29-31 32-14 35-37	LOT LINE INDICATE NORTH BY AND W.	
	FEET FEET FEET		
TF FLOWING SIVE RATE GIVE RATE GPM RECOMMENDED PUMP TYPE RECOMMENDED PUMP PUMP PUMP PUMP PUMP PUMP PUMP PUM	105EET 1 CLEAR 2 TO CLOUDY	6 gt Q	
SHALLOW SEP SETTING	105 FEET RATE 5 GPM	75	
54	5 ABANDONED, INSUFFICIENT SUPPLY	AIR PORT Rd	
STATUS 2 OBSERVATION WELL 3 TEST HOLE	♦ □ ABANDONED POOR QUALITY 7 □ UNFINISHED		_
55:56 1 D DOMESTIC	9 Dewatering 5 Commercial	The state of the s	
WATER 2 STOCK 3 IRRIGATION 4 INDUSTRIAL	MUNICIPAL Description Descrip		
OTHER	• □ NOT USED		
METHOD OF CABLE TOOL CONVENTION OF ROTARY (REVERSE)	6 ☐ BORING ONAL) 7 ☐ DIAMOND B ☐ JETTING		
CONSTRUCTION 4 ROTARY (AIR)	DRIVING DIGGING OTHER	DRILLERS REMARKS	
NAME OF WELL CONTRACTOR	WELL CONTRACTOR'S	SOURCE SOURCE S9-62 AUG 1 7 1988	80
ADDRESS 175 Ploce CK NAME OF WELL TECHNICIAN Thenh Inco	ce. (280)	O DATE OF INSPECTION INSPECTOR	4
NAME OF WELL TECHNICIAN	WELL TECHNICIAN'S LIGHT NUMBER	O REHAPKS	
SIGNATURE OF TECHNICIAN/CONTRACTOR	SUBMISSION DATE	OGE TO	
MINISTRY OF THE ENVIRONI	MENT COPY	CSS.ES FORM NO. 0506 (11/86) FOR	

		¥ T
	Ministry	
1771	of the	
	Environment	
Ontario		

Ontario	1. PRINT ONLY IN SPACES PR 2. CHECK 🗵 CORRECT BOX V	1 1	681155	9 68007	CON.
COUNTY OR DISTRICT		ISHIP, BOROUGH, CITY, TOWN, VILLAGE		CON. BLOCK, TRACT, SURVEY	LOT S.47
		$\mathcal{R} = 1$	WATERFO	RD	DATE COMPLETED 41.53 DAY 21 MO 9 YR 88
		ing	RC. ELEVATION	RC BASIN CODE	
1 2 M	LOG OF	OVERBURDEN AND BEDF	OCK MATERIALS	S (SEE INSTRUCTIONS)	
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	DEPTH - FEET FROM TO
70	SpSoil				0 2
12-					2 15
DROWN C	Iny	- Fact and			7.5
Blue	Clay				15 100
70 / 0					1 2 1 2 2
GREY S	hat Rock				100 109
		<u> </u>			
				£	
31 32				<u>. , </u>	
1 2 10 14	R RECORD 51	CASING & OPEN HOL	E RECORD	SIZE(S) OF OPENING (SLOT NO.)	65 75 60 11-33 DIAMETER 34-38 LENGTH 39-40
WATER FOUND K	IND OF WATER INSIDE	MATERIAL THICKNESS	50.00	C MATERIAL AND TYPE	INCHES FEET DEPTH TO TOP 41-44 30 OF SCREEN
102 10KFR	4 Th	11 12 yeel 12 18 2	1/00	σ .	FEET
2 S	ALTY STICAS	4 OPEN HOLE 5 PLASTIC	20-21	DEPTH SET AT - FEFT	& SEALING RECORD ATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)
20-23 1 FF 2 S	ALTY 6 GAS	2 GALVANIZED 3 CONCRETE 4 DOPEN HOLE 5 DPLASTIC		10-13 TO 14-17	LEAD PACKER ETC.
25-28 1 FF	ALTY 6 GAS	1 DSTEEL 26	27-30	18-21 22-25	
30-33 1	*UMINERALS II	3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC		26-29 30-33 80	
71 PUMPING TEST METHOD		11-14 DURATION OF PUMPING 15-16 17 GPMHOURSMI	-18 NS	LOCATION O	
LEVEL	ATER LEVEL 25 END OF WATER LEVELS DUPPING	IRING I PUMPING I RECOVERY	LOT LIN	RAM BELOW SHOW DISTANCES IE INDICATE NORTH BY ARI	
ZO TEST	84 15 MINUTES 30 MI	NUTES 45 MINUTES 60 MINUTES 12-34 12-34 15 FEET FEET FEET FE	.127		
IF FLOWING. GIVE RATE RECOMMENDED PUMP T	38-41 PUMP INTAKE SET AT	WATER AT END OF TEST OFFEET 1 CCLEAR 1 CLOUD	7		
RECOMMENDED PUMP T	YPE RECOMMENDED	43-45 RECOMMENDED PUMPING RATE G	49		
SHALLOW	The last the	3.		FIRA	opet Rd
FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION WELL	ABANDONED, INSUFFICIENT SUPPL ABANDONED POOR QUALITY	,		\$0
OF WELL	4 RECHARGE WELL S	UNFINISHED DEWATERING		13	700
WATER	2 STOCK G	COMMERCIAL MUNICIPAL PUBLIC SUPPLY		1 4 = 1	G V
USE	4 INDUSTRIAL	COOLING OR AIR CONDITIONING 9		1 12	
METHOD	2 ROTARY (CONVENTIONAL)	6 DORING 7 DIAMOND		1 th	
CONSTRUCTION	3 ROTARY (REVERSE) 4 ROTARY (AIR) 5 AIR PERCUSSION	■ DETTING ■ DRIVING □ DIGGING □ OTHER	DRILLERS REMARKS		36934
NAME OF WELL COM	NTRACTOR	WELL CONTRACTO	R'S DATA		NOV 0 2 1988 43-44 40
ADDRESS	Unce	12803	Source Z O DATE OF INSPEC		MOT OF 1000
ADDRESS NAME OF WELL 1 NAME OF TE	der crest	AVE. WELL TECHNICIAN LIQUIDE NUMBER	'S AEMARKS		5
SIGNATURE OF TE	CHNICIAN/CONTRACTOR	SUBMISSION DATE	OFFICE		
1	A. Inco.	DAY MO YR	_ ^		CSS.ES



Ontario		SPACES PROVIDED RECT BOX WHERE APPLICABLE	11	68117	50 68007	CON.	.1104
COUNTY OR DISTRICT	0041	TOWNSHIP, BOROUGH, CI	TY, TOWN VILLAGE	· <u>.</u>	CON BLOCK, TRACT, SURVEY.	15	22 23 24 LOT 25-27
		Skac	K	1 1		DATE COMPLETED	7 69
		IING	JUN KIIR	ELEVATION	RC. BASIN CODE	DAY MO	VR 2 /
1 2	10 12	OG OF OVERBURDE	N AND BEDD	CV MATERIA	30 31		1 1 4
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA		JCK MATERIA	GENERAL DESCRIPTION		H · FEET
<u> </u>	nosil		· · · · · · · · · · · · · · · · · · ·			FROM	7
	ay sec						
Brown	Clay					2	18
15/ve						18	81
	1: 0 1						1.4.
okey t	-IME Kock					<u> </u>	///
							-
							
31		11111111111		لبللبيا	بليليلينيا ليلي		لا لىل
32 10 10 1					54 SIZE(S) OF OPENING 31-3	55 13 DIAMETER 34-38	75 80 LENGTH 39-40
WATER FOUND	R RECORD	51 CASING &	THICKNESS	DEPTH - FEET	Z (SLOT NO)	INCHES	FEET
90:11:5	FRESH 3 SULPHUR 14	10-11 1 €STEEL 1	INCHES FE	13-16	MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN	41-44 30 FEET
15-18 1	6 □GAS FRESH 3 □SULPHUR SALTY 4 □ MINERALS	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC	188 (782	61 PLUGGING 8	SEALING RECO	
10.22	FRESH 3 SULPHUR 24	17-18 1 STEEL 2 GALVANIZED	9	20-23	DEPTH SET AT - FEET MAT		ENT GROUT ACKER, ETC)
25-28 1 📋 1	FRESH 3 SULPHUR 29	3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC 24-25 □ 22		27-30	10-13 14-17		
30.33	FRESH 3 SULPHUR 34 10	1 □STEEL 2 □GALVANIZED 3 □CONCRETE 4 □OPEN HOLE		27/30	18-21 22-25 26-29 30-33 80		
PUMPING TEST METHO	SALTY 6 CGAS	5 DPLASTIC	HMPING				
71 1 PUMP 2	& BAILER	GPM 15.	16 17-18 URS MINS		LOCATION OF		
LEVEL	WATER LEVEL 25 END OF WATER LE PUMPING 22-24 IS MINUTES	EVELS DURING	PUMPING RECOVERY 60 MINUTES	LOT LE	GRAM BELOW SHOW DISTANCES O NE INDICATE NORTH BY ARRO		AND
TEST /	/// FEET 95 FEE	83" 74"	-34 68 FEET			7	
FEET / FLOWING. GIVE RATE RECOMMENDED PUMP 1	38-41 PUMP INTAKE S	1	OF TEST 42 2 □ CLOUDY		3/1/2	PM	
RECOMMENDED PUMP	PUMP		46-49		25		
50-53	CI DEEP SETTING	// FEET MAIL	GPM				
FINAL	1 WATER SUPPLY 2 OBSERVATION WELL	S ABANDONED, INSU		<i>n</i> .	o /		
STATUS OF WELL	1 TEST HOLE 4 RECHARGE WELL	7 UNFINISHED DEWATERING		1112 J.	Rt. Ro		
WATER	2 DOMESTIC	5 COMMERCIAL 6 MUNICIPAL			# 1		
USE	3 IRRIGATION 4 INDUSTRIAL OTHER	7 PUBLIC SUPPLY COOLING OR AIR COND NOT	3		7		
57		■ BORING			A		
METHOD OF	2 ROTARY (CONVENT) 3 ROTARY (REVERSE)	IONAL) 7 DIAMOND B D JETTING				4.0	200
CONSTRUCTION	4 ROTARY (AIR) 5 AIR PERCUSSION	DIRIVING DIGGING	OTHER	DRILLERS REMARK	s	42	300
MANE OF WELL COM	HTRACTOR	WELL	CONTRACTOR'S	DATA	5" 2803" PATE	SEP 0.7 1989	63-64 80
ADDRESS ADDRESS NAME OF WELL T SIGNATURE OF TE	1/	t ave		SOURCE O DATE OF INSPEC		SEP 0 7 1989	
NAME OF WELL T	TECHNICIAN /	WEL	L TECHNICIAN'S	S REMARKS			_
SIGNATURE OF TEC	CHNICIAN/CONTRACTOR	SUBMISSION DATE	238	OFFICE		CSS.I	Fe
MINISTRY OF	F THE ENVIRONM	MENT COPY	Y YR DT	[O]		FORM NO. 0506 (

Ontario 1. PRINT ONLY IN :	SPACES PROVIDED ECT BOX WHERE APPLICABLE	6812575 క్షోక ండ	0.7 CON. 0.5
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH CITY, TOWN VILLAGE	erd) con Block tract, si	10
	065 Clirpo	rt Rd. Mount Hope	DAY MO DEC_ YR 94
1 2 M 10 12	17 18 24 25	ELEVATION RC BASIN CODE	" "' V
	OG OF OVERBURDEN AND BEDROO		DEPTH - FEET
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTIO	FROM TO
Brown clay			10 94
Grey limestone			94 110
7			
	· · · · · · · · · · · · · · · · · · ·		
31			
41 WATER RECORD	51 CASING & OPEN HOLE R	1 111	65 75 80 31-33 DIAMETER 34-38 LENGTH 39-40
WATER FOUND KIND OF WATER 10-13 FRESH 3 DSULPHUR	DIAM MATERIAL THICKNESS FRO	C WITCHILL AND TYPE	DEPTH TO TOP 41-44 10 OF SCREEN
2 SALTY 6 GAS 15-18 1 (TV FRESH 3 SULPHUR	1 OSTEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE		GING & SEALING RECORD
2 SALTY 6 MINERALS 6 GAS SALTY 4 MINERALS SALTY 6 MINERALS MINERALS SALTY 6 MINERALS SALTY 6 MINERALS MINERALS	17-18 1 STEEL	20-23 DEPTH SET AT - FEET FROM TO	MATERIAL AND TYPE LEAD PACKER, ETC.)
25-28 1 FRESH 3 SULPHUR 29	4 DONCRETE 4 DOPEN HOLE 5 DPLASTIC 24-25 DISTEEL	4 //O 10-13 14-17 27-30 18-21 22-25	
2 SALTY 6 GAS 30-33 1 FRESH 4 MINERALS 2 SALTY 6 GAS	O STEEL DSTEEL DOPEN HOLE DOPEN HOLE DPLASTIC	26-29 30-33	80
71 PUMPING TEST METHOD 10 PUMPING RATE		LOCATIO	N OF WELL
WATER LEVEL 25	LEVELS DURING	IN DIAGRAM BELOW SHOW DIST LOT LINE INDICATE NORTH	ANCES OF WELL FROM ROAD AND BY ARROW.
15-21 22-24 15 MINUTE:	30 MINUTES 45 MINUTES 60 MINUTES 29-31 25-37 74-32-34 74-37		
FEET FEET OF IF FLOWING. GIVE RATE GPM RECOMMENDED PUMP TYPE RECOMMEND PUMP PUMP RECOMMEND	E SET AT WATER AT END OF TEST. 42		
RECOMMENDED PUMP TYPE RECOMMEND PUMP SHALLOW DE DEEP SETTING	PEET	Mount	Airport Road
50-53	700	No 110/26	melt 1×
FINAL STATUS M water supply D observation w D observation	5 ABANDONED, INSUFFICIENT SUPPLY ELL 6 ABANDONED POOR QUALITY 7 UNFINISHED	3	
OF WELL 4 RECHARGE WELL	DEWATERING 5 COMMERCIAL	121	
WATER 2	MUNICIPAL PUBLIC SUPPLY COOLING OR AIR CONDITIONING	white Church h	Poad
57 CABLE TOOL	9 NOT USED		
METHOD 2 GROTARY (CONVE	NTIONAL) 7 DIAMOND	New house and south of	104000
5 Air Percussion		DRILLERS REMARKS COLLECT	124960
rackham Well on	illing Inc 4207	Source 420	7 FEB 1 3 1995
NAME OF WELL TECHNICIAN PORCH	er Ontario	M REMARKS	
SIGNATURE OF TECHNICIAN/CONTRACTOR	SUBMISSION DATE	OFFICE	aga maki
MINISTRY OF THE ENVIRON	M DAY 1 NO DEC YR 94	Ō	CSS.ES FORM NO. 0506 (11/86) FORM

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

: ; ;

6812846

11

Municipali	ty	Con.		
68 Q	57	CON	4.4.4.	05
10	14	15		22 23 24

County or District			Township/	Borough/City/To	own/Village				k tract surve 5 Glanfo	1	9
			Address	ress				Date completed	.2. <u>.</u> 5	48-5 brith 972	
11	0			Northing	1 1 1	RC Eleva	tion R0	Basin Code	, ii	iii	iv
2	M 10	LOG OF O	VERBURDE	N AND BEDF	ROCK MA	TERIALS (see instru	ctions)			
General colour	Most common material	1	Otl	ner materials			Gene	ral description		From	pth – feet To
Brown	Clay			,						0	2
Grey	Clay			Sand					······	21_	10
Grey	Limestone				···					105	1
				_ 							
					, , , , , , , , , , , , , , , , , , , ,						
31 [] ; ; ; ;		<u> </u>		1111:					بالنا		1. 1. 1.
32		<u> </u>	32	OPEN HOLE	43 E PECOPI		54 Sizes	of opening	31-33 Diameter	34-38 Leng	1th
Vater found	R RECORD Kind of water	51 Inside diam	Material	Wall thickness	Depth -		1 (01-44	lo.)		inches	
107 10 13 1 10 FI	resh 3 Sulphur 14 Minerals		Steel 12 Galvanized			13-16	Mater	al and type		Depth at top	41-44
15-18 ₁ 🗆 F	resh 3 🖸 Sulphur 19	6.25	☐ Concrete ☐ Open hole ☐ Plastic	0.188	+1	105		- DI UCC	ING & SEALI	NC PECOE	feet
2 □ S	Gas Gas	17-18 1	☐ Steel 19 ☐ Galvanized			20-23	61 Depth set	☐ Annular spa		Abandonn	
, D S	ialty 6 Gas	6 3	☐ Concrete ☐ Open hole ☐ Plastic		105	110	From	To M	aterial and type (C	Cement grout, b	entonite,
2 🗆 S	alty 4 ☐ Minerals 6 ☐ Gas	24-25 1	☐ Steel 26			27-30	18-21	22: 25			
30-33 1 🗀 F 2 🗆 S	resh 3 🗍 Sulphur 34 60 6 1 Minerals 6 🗎 Gas	4	☐ Concrete ☐ Open hole ☐ Plastic				26 29	30-33 BD			
Pumping test me			Duration of pump				I	OCATION	OF WELL		
Wate	Bailer 6 er level 25 of pumping 25 Water levels c	GPM during , ⊋ l		30 Vilns		In diagran	n below sho orth by arre	ow distances	of well from r	oad and lot	line.
	22-24 15 minutes 30 26-28	0 minutes	45 minutes 32:34	60 minutes 35-37							
52 If flowing give rate	105 feet 105 eet Pump intake set	105 _{feet}	feet Water at end of t	feet 42			•	7			
If flowing give rate Recommended pu	GPM	feet	☐ Clear	Cloudy				Ferris f	łd		П
☐ Shallow ☐	pump setting		pump rate	5 GPM							Ш
FINAL STATUS (OF WELL 54						1	<u> </u>	He Churc	P.Bd	#
Water supply Observation		poor quality	pply 9 □ Unfini 10 □ Repla	shed cement well			Well				
3 ☐ Test note 4 ☐ Recharge wi								louse #7	340		
WATER USE	55 56 5 Commercial		9 ☐ Not u	sed			□ _{Ga}	rage			
 ∑ Stock ₃ □ Irrigation ₄ □ Industrial 	6 ☐ Municipal 7 ☐ Public suppl 8 ☐ Cooling & ai	ly ir conditioning	10 ∐ Otner								
	NSTRUCTION 57						Barn	المر	orth 7	Hwy	, 4 5
. Cable tool	5 Air percussionell	ion	9 Drivir	ng					٠	_	
3	erse) 7 ☐ Diamond 3 ☐ Jetting		11 Utner	·					1	.7460	
Name of Well Contrac	tor		Well Contrac	tor's Licence No.	Data sour		58 Contrac	005	59 62 Date re	AY [®] 2 3	1997
ACConnor V	Well Drilling Ltd		40	005	8	e of inspection		U-U 3 Inspector	1711	M1 4 3	1331
, tau. coc					J J Date						h
	gove, Ont., LOR-1	VO	Well Technic	ian's Licence No.	. []≿ Ren	narks					(77
		₩0	Well Technic		MINISTRY	narks				CSS.	S

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

6812866

11

Municipality Con.

68007

15

15

12

22

23

24

County or District	Township/Borough/City/Town/Village	Con block tract surve	y, etc. Lot 25-27
	Address L 01	m/ +/ Ot Date	17 Mer 9
	7220 airport Rd	Mounthape (n), completed Elevation RC Basin Code ii	day month year
21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 50 31	47
LOG OF	OVERBURDEN AND BEDROCK MATERIA	LS (see instructions) General description	Depth - feet
General colour Most common material	Other materials	Gelieral description	6 15
Brown clay			
Grey clay			
Grey limestone			81 105
/			
			-
31		<u> </u>	
32 14 15 21 51 51	CASING & OPEN HOLE RECORD	Sizes of opening 31-33 Diameter	75 80 7 34-38 Length 39-40
Water found Kind of water linside diam	Wall Depth - feet thickness Team To	(Slot No.) Material and type	inches feet
C C 10-13 1 K Fresh 3 D Sulphur 14 10-11	incres	Material and type	Depth at top of screen
7	Goncrete SS O	DI VICONIO A CEAL	feet
2 Salty 6 Gas 17 18	ı 🗆 Steel	61 PLUGGING & SEAL Annular space	Abandonment
2 Salty 6 Gas	Galvanized Concrete Copen hole	From 10	Cement grout, bentonite, etc.)
25-28 Fresh Sulphur 29	5 Plastic	27-30 18 21 22-25	S.
2 Salty Gas 30 - 33 Fresh Sulphur Salty Gas Solity Gas Sulphur Salty Gas Solity G	2 Galvanized 3 Concrete 4 Open hole	26 29 30-33 80	
2 Galty 6 Gas	s Plastic		
Pumping test method 0 Pumping rate 11-14 71 Pump 2 Bailer GPM	Duration of pumping	LOCATION OF WELL agram below show distances of well from	road and lot line.
Static level end of pumping 25 Water levels during 15	Pumping 2 Recovery Indic	ate north by arrow.	oud and for mile.
19 21 22:44 15 minutes 30 minutes 8 5 59-3	45 minutes 60 minutes 76 4		
19 21 22-4 15 minutes 30 minutes 29-3 85 79-3 85 79-3 17 feet 17 flowing give rate 38 41 Pump intake set at GFM feet 18 Fecommended pump type Recommended pump setting 4.5-4:	t teet teet Water at end of test 42		
GFM fee Recommended pump type Recommended 43-44			
□ Shallow X Deep pump setting / 00 teel	pump rate		1 1
FINAL STATUS OF WELL 54		IV Well	
Water supply 5 Abandoned, insufficient	/ 10 Li Replacement Well	<u> </u>	
☐ Test hole ☐ ☐ Abandoned (Other) ☐ Recharge well ☐ Dewatering	Mounthope	Airport Rd.	
WATER USE 55 56	9 ☐ Not used	· · · · · · · · · · · · · · · · · · ·	
y Domestic 5 ☐ Commercial 2 ☐ Stock 6 ☐ Municipal 3 ☐ Irrigation 7 ☐ Public supply	10 Other	V	Naha Bal
₁ ☐ Industrial ₅ ☐ Cooling & air conditioni	ng	← HWY, #6 Miles Rd. →	Nebo Rd>
METHOD OF CONSTRUCTION 57 ↓ □ Cable tool 5 □ Air percussion	g Driving	White Church Rd.	
2 ☐ Rotary (conventional) 6 ☐ Boring 3 ☐ Rotary (reverse) 7 ☐ Diamond	10 Digging		L74349
AX Rotary (air) 8 ☐ Jetting			
Name of Well Contractor	Well Contractor's Licence No. H207 Data source	58 Contracctor 4207 July July 100 July	IN 2 7 1997
Packham Well Lilling 1	/ Date of ins	pection Inspector	
Name of Well Technician 2 /	Well Technician's Licence No.		₩.
Merryn Packham	Well Technician's Licence No.		- COC - C
Signature of Technician/Contractor	day mo yr		O506 (07/94) Front Form 9
	NT & ENERGY COPY		and Color, Comme

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

6812962

68007 CON

CSS.S8

0506 (07/94) Front Form 9

11 County or District Township/Borough/City/Town/Village Con block tract survey, etc. Mount Hope Date LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) Depth - feet Most common material Other materials General description From 2.0 50 81 بالمارين WATER RECORD Sizes of opening (Slot No.) Inside diam inches Water found at - feet Depth - feet Kind of water inches 81 ☐ Sulphur ☐ Minerals ☐ Gas Material and type Depth at top of screen 30 Steel
Galvanized
Concrete
Open hole
Plastic 1 🗆 Fresh 84/2 2 🗆 Salty ☐ Sulphur ☐ Minerals ☐ Gas 2 🗆 Salty **PLUGGING & SEALING RECORD** 61 Steel
Galvanized
Concrete
Open hole
Plastic ☐ Sulphur ☐ Minerals ☐ Gas ☐ Annular space □ Abandonment 20-23 ₁ ☐ Fresh Depth set at - feet 2 🗆 Salty Material and type (Cement grout, bentonite, etc.) From То ☐ Sulphur ☐ Minerals ☐ Gas 25-28 1 🛮 Fresh Steel 2 Galvanized Concrete Open hole Plastic ₂ ☐ Salty 27-3 Sulphur Minerals 30 - 33 : □ Fresh 2 Salty Duration of pumping Pumping test method Pumping rate **LOCATION OF WELL** ☐ Pump 2 🗷 Bailer In diagram below show distances of well from road and lot line. Indicate north by arrow. Water level end of pumping Water levels during - Pumping. ₂ ☐ Recovery Static level es 45 minut 0 30 minutes feet 60 feet 6#Hwy ☐ Clear ☐ Cloudy Recommended pump type Recommende pump setting GPM 50-53 FINAL STATUS OF WELL 54 5 ☐ Abandoned, insufficient supply 9 ☐ Unfinished
6 ☐ Abandoned, poor quality 10 ☐ Replacement v
7 ☐ Abandoned (Other)
8 ☐ Dewatering Water supply
Description well
Test hole
Recharge well 1 km **WATER USE** 55-56 Domestic
Stock
Irrigation
Industrial 5 Commercial
6 Municipal
7 Public supply
8 Cooling & air conditioning 9 Not used 40 F+->0 METHOD OF CONSTRUCTION 9 Driving
10 Digging
11 Other **17307**9 Well Contractor's Licence No Data MINISTRY USE ONLY source MAR 2 0 1998 Date of inspection Hamilton Remarks

UTM	1]z		1		1		1	E
	5 R				1	1			N
Elev.	R	0	17	4	9				
Basin	2	P	L.	1	<u>+</u> _				
	- 40	77		6					



The Water-well Drillers Act, 1954 Department of Mines

GROUND WATER BRANC 68 Nº 39 NOV 20 1958

ONTARIO WATER
RESOURCES COMMISSION

11 / /			* * * * * *	Water	•	
	Village, Town or City		K Town	Hentwort	County or Territorial District	
			(year)	(month)	Date completed(day)	
`est	Pumping Test			g Record	Pipe and Casing	
	ping rate 500 gal ping level 500		*************	•••••	Casing diameter(s)]
ord	Water Record			•	Well Log	
(III (III BL. Baily	Depth(s) at which water(s) found No. of feet water rises		To ft.	From ft.	Overburden and Bedrock Record	
3 fress	113 83		×	<u> </u>	loon	
		///		201	Shale sharp	
			111	2.1	BULE CLAY	
					5410-2 1000	
lass			l,			
nces of well from	In diagram below show distances of road and lot line. Indicate north	1	lased	foregoing t are true.	Is water clear or cloudy?	II II A A II I
Vell .nces	Location of Well In diagram below show distances road and lot line. Indicate north	1	land	to be used? to be used? hillside?	For what purpose (s) is the water Shale Sold Shale S	II II A A II A A II

Form 5

UTM Z ELev. QR O7 S The Onto	rio Water R		nission Act, 1957	MA ONT RESOURCE	NMATER BANCH NY 2 4 1960 ARIO WATER SES COMMISSION
County or District Il Industry	Z	Township,	, Village, Town or	City 1	ordforf
Con. 5 Lot 4			pleted	Mov	year)
		ress	mt H	month f	C, year)
AAAR TUU TAHAAR WAXAA		* **	Duran	ping Test	
Inside diameter of casing 478	<u> </u>	C 1		ping lest	
Total length of casing 104			vel 28 mping rate 48	4	
Type of screen		1 -	g level 6	· •	G.P.M.
Length of screen		1 1	n of test pumping	•	· A.
Depth to top of screen		T T	lear or cloudy at e	and of test	
Diameter of finished hole 4		Recomm	nended pumping r	ate 33 3	GPM.
/		1	pumping level of		
Well Log			Wat	er Record	
			Depth(s)		
Overburden and Bedrock Record	From ft.	To ft.	at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
They day	0	90	105	77	Arisk.
1011	23 70				0
July ardy	40	104			
-Shele Since Dick	104	108	CHECKED	SEPT 12/les	FRESH WATER.
En all the sector to be seen to be seed to	·				
For what purpose(s) is the water to be used?				on of Well	
	••••••	i	n diagram below s		
Is well on upland, in valley, or on hillside?	••••••••••••	··· /h	pad and lot line.	mulcate north	by amow.
will only	<i>[].j</i>		4	MA 7/17	
Drilling Firm Wally for fight	6336				1_
Address Amil Torulla					
			B		77
Licence Number 578	Q.[]			· •	
Name of Driller Ad-us luft afs	Kory	****			
Address frontbrukk					111
Date My 2056 6		The second secon	- Make 1, 1984. A selection of the selec		
Wester Forkom	**************		5 16	37 8	
(Signature of Licensed Drilling Contractor			1/101	120	10
	CSS.S8				
Tuesdes Horge one) service station	,,	Ι , ⁄μ	JAP 11.4	all.	
service station 1	014 5	ANW Ref	arme I	[']	V

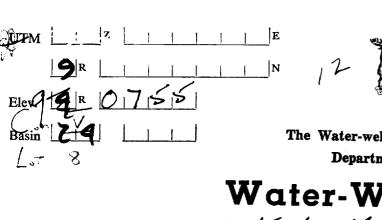
6			nission Act, 195		Nº 4671
County or District WENTWO Con. Lot	RTH 6	Township,	Village, Town or	City CA	AMFORD 1960 year)
Casina and Screen Record		iress			
Inside diameter of casing 6/4 Total length of casing //9 Type of screen Length of screen		Test-pur Pumping Duration Water c	vel nping rate g level n of test pumping lear or cloudy at tended pumping	$\frac{3}{120}$ g $\frac{2}{120}$ end of test $\frac{3}{120}$	G.P.M. S., VEAR G.P.M.
Well Log		1		iter Record	
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
BROWN CLAY BLUE " GREY SHALE	0 144 5	118	/20	80	FRESH
For what purpose(s) is the water to be used?	aners.	ro	n diagram below oad and lot line	27	by arrow.

L9	ESON	··· ·· ·· ·· ·		•
UTM : Z		w	ATER RESOURCES	- A
5 R N			DIVISON N	0 1977
(in 177 < a)	NOF		FEB 9 1965	7011
Elev. The Ontario Water Re	sources Commissi	on Act		<i>V</i>
Basin Ela LIII WATER WE	LL RE	CORD	<mark>ONTARIO WATER</mark> URCES CO MMISSIO	ON
County or District WENT WORTH	Township, Village	, Town or City	GLAN FO	ORD
Con. Lot VI				
				* /
	ddress MOC	K/ T /Y	OPE F	2. 0.
Casing and Screen Record		Pumpi	ng Test	
Inside diameter of casing 6 4	Static level	50		
Total length of casing //D	Test-pumping	rate	5	G.P.M.
Type of screen	Pumping level	L	96'	
Length of screen		st pumping		YRS.
Depth to top of screen	Water clear or	cloudy at end o	of test C A.	
Depth to top of screen Diameter of finished hole	Recommended	l numning rate	3	G.P.M.
				ow ground surface
Well Log	with pump see	- Ing Oi	-	er Record
Well Log			Depth(s) at	Kind of water
Overburden and Bedrock Record	From ft.	To ft.	which water(s)	(fresh, salty, sulphur)
TOP SOIL	6			
BROWN CLAY	1	23		
BLUE CLAY	23	47		FARCII
BULF CLAY	82	82	120	FRESH
LIME STONE	110	121	120	
For what purpose(s) is the water to be used?	.	Location	of Well	
HOUSE			v distances of we	ell from
Is well on upland, in valley, or on hillside? UPLAND	.		dicate north by	
Drilling or Boring Firm CROSS BROS.				//[]
Drining of Boring Firm C71.0 C 3			• /	/ 11
24 DELLENY AUG.	•	7	120//	11.3
Address 38 KENNEDY AVE. HAMINTON			604 7	MonHobs
	AIRPORT	ROAD		
Licence Number 1338			· \ \	β'
Name of Driller or Borer ARTHUR CROSS	V) NED HO			y
Address 38 KENNEDY AVE.	JND HOO EPST		7,0	
Date			样	`
(Signature of Licensed Drilling or Boring Contractor))	1	
		17.	* 9	7/11
Form 7 15M Sets 60-5930	CSS.	s8 W W.		₹V!
OWRC COPY				1
*				

UTM : 7				13.
5 R N			68 N	i? 4078
Elev. Res				1
Basin Z WATER WEI				
County or District WENTWORTH	Γownship, Village, 1	Town or City	GLAND	FORD /
Con. 5 Lot ζ	Date completed	JAN	31	1967
	dross 246	(day	month NFSS 711	year) / CALACONIA
	dress			C.11F.17P9191F
Inside diameter of casing.			ng Test	
- ·				
Total length of casing $/22$				G.P.M.
Type of screen		-		
Length of screen				
Depth to top of screen				P.R.
Diameter of finished hole 6"	· ·			G.P.M.
	with pump settin	ng of /30	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)
DUG WELL	0	21		
BLUE GLAY	21	121	/30	FRESH
LIME ROCK	121	/33		
·				
For what purpose(s) is the water to be used? HousE		Location	- ()4()	
Tot what purpose(s) is the water to be used:	In diagrar		distances of wel	l from
Is well on upland, in valley, or on hillside? UPLAND	_		licate north by	
Drilling or Boring Firm	•		\wedge	
Divining of Boring Pirm	71	_	, v	
Address FRANK INCE	1.581	<u> </u>	20707	5 207
Addition of the state of the st	AIRPORT	- RD 1	20	,
Licence Number 2112	3 19	جر. برر	ran je minister im ransu, medanistajam (1980) dan dan garanasin yan melalah dalam dapat bagai	ther half for size Collision services at a superficiency of the size specified in the services of
Name of Driller or Borer FRANK INCE		,-		
Address 175 ALDERGREST AVE			2	
Date 7el 28/67	\downarrow	•	t s	>
	1			
(Signature of Licensed Drilling or Boring Contractor)	1		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Form 7 15M-60-4138			#	
O W R C COPY			CSS.S8	
			~	

9 R 7 P P P P P P P P P	D	epartment of		1958 68 BHANCH OF MINES	Nº 4079
County or Territorial District		Township	Recor	cu, Il	an ford
(day)	(month)	(year)			
Pipe and Casing	Record			Pumping Test	
Casing diameter(s)		Pu	atic level	(5. R. 141.	
Well Log				Water Record	
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Clay with sand	60	100			
1 Taloy	100	118		84	1
dem hool			184		
Is water clear or cloudy? Is well on upland, in valley, or on Drilling firm Constable Address Name of Driller Address Licence Number I certify that the statements of fact	hillside?	g h	In diagram below	cation of Well show distances of e. Indicate north	
SI.	gamento of Instance	-			CSS.S8

Form 5



Elew		гио	ARIO		\$ OF	i .	1 301	i		
Basin 24	The V	Water-well D Department	rillers Act, 195	4	l amp					
<u></u> ,	Wate:		ll Rec	cord			Appen none period	Toron Mile		
	1/_	1.0				u/	//	//		
County or Territorial District	d.f. d. by street	Town	n Village, To	'own or Ci wn or City	ty v)	7.00	afsak	A.		
			n Village, To Address	I HA	R	ont	••••••	***************	••••	
(ďay)	(month)	(year)		·						
Pipe and Casin		(,,,,,,,		P	umping	Test				
Casing diameter(s)			Static level	· •	' A					
Length(s) 93	************************	•••••	Pumping rate	10	17 Av	l ns	L	*************	••••	
Type of screen			Pumping level	#	0		·············		••••	
Length of screen	•••••	•••••••	Pumping level Duration of te	est/	<u>h</u>	•••••••	••••••	••••••	••••	
Well Log	<u> </u>			w	ater Re	cord				
Overburden and Bedrock Record	From	То	Depth at whi		No. o	f feet		Kind of wa		
	ft.	ft.	water (water	rises		(fresh, salt or sulphur		
del	Ø	30	98		68	, —		hel		
sifty colory	30	93					0			
Mynu Kre	93	100								
									_	
							_			
									_	
For what purpose(s) is the water	to be used?	1							j	
hove	,		In diagram		ion of \		of well	from		
Is water clear or cloudy?			road and l							
Is well on upland, in valley, or on				1 uch	Sound !	٤3	HW	10		
Drilling firm Weeley flow	ppon	ুক							Ť	
Address faultwit	le	•••••								
Name of Driller Waley										
Address	La					-			#	
	*************************								$\ $	
Licence Number			11							
I certify that the statements of fact					<u> </u>			<u> </u>	#	
chil del	are true.									
Date Sty Mully	nature of License	<u> </u>	111							
<i>,</i> , ,		SS.S8					9	10	#	
rm 5		<u> </u>	14	XE	/	18	7	10		
754511	1 Rd			MAN					ľ	
150 HE old	U St Fine	٤	$\overline{\nu}$	4		·We	4		1	

MTM	L	<u>:</u> _	Z			_!	1	_1_	1	_ E
,										N
Elev.C		R/	(0	17	15	, S				
Basin										



GROUND WATER BRANCH JU**68** 0 **N9**8 ONTARIO WATER
RESOURCES COMMISSION

		ater-well D Department		•	And the second s	-
•	Waței	r- W e		Recor		
	11 + 4	1			ul.	
			hip,	Village, Town or	City Hox	Just
			n Vi	llage, Town or	City)	<i></i>
Date completed24	may/	58	Addr	ess		k
(day)	(mopth)	(year)				
Pipe and Casin	g Record	· · · · · · · · · · · · · · · · · · ·			Pumping Test	
Casing diameter(s)			G1. 4		ング	
Length(s)	***************************************	***************	Dum	c level	0 7d kr. h	p
Type of screen			Pum	ping rate	S S	<u> </u>
Length of screen			Dure	tion of test	M.	*************************
			Dura		• 6 • • • • • • • • • • • • • • • • • •	***************************************
Well Log					Water Record	
Overburden and Bedrock Record	From ft.	To ft.		Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
-1211						
May - last	16	45		98	61	pur
Sinla ros	89	100				
	ļ					
				·		
				·		
For what purpose(s) is the water	to be used?	.		Lo	cation of Well	-l
Is water clear or cloudy?	ر العام				show distances of	
Is well on upland, in valley, or on			r	oad and lot line	e. Indicate north	by arrow.
, L	solony s					
Drilling firm	ashfon	7				*
Address	mille					
<i>q</i>		<i>!</i>		•		
Name of Driller	Jackson	m		,1		
Address	rest 10			,	911	Action of the
107	***************************************					Marine Comment
Licence Number		į		,		
I certify that the statements of fact		,		`		
statements of fact	are true.			(41 76	
Date June 13/ Wester	Haphe.	27			1/4,	V - triple quant
/58 \$1	nature of License CSS.S	e 58		14		
					# 1	144
orm 5	11 -	= AWZ	116	ne -	H I I	
	30 tt =	ANRO		- 1	1 6 / 8	7 10

UZM	<u>L:</u>	_ z				1	1	_ E
	$ \mathbf{g} _{\mathbf{R}}$				1	_ 1	 <u>i</u>	N
Elev 🗸	R	0		13	>0	2]		14
Basin	2		Ì	i	ı	1		



68 Nº

RECEIVED

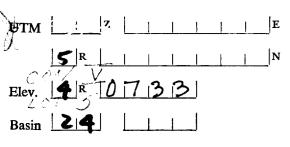
•	he Well Driller			MAY 1 4 1952	
Department Water	of Mines, Prov		1 5	EOLOGICAL BRAI EPARTMENT of M	1
Water	AA GII	Nec	coru	000	
Comment of the Manual of the M	T.	'illage, Tov	vn or City.	lonfor	
		n or City).		y <u>07z</u>	
Date Completed!		P.R.34	76	Adim.	••••••
(day) (month) (year)	ost of Well (exclu	ding pump)		
Pipe and Casing Record			Pumping Te	st	
Casing diameter(s)	\cdots	7 el 1	0 195	2	
Length(s) of casing(s)	1		• 21	• • • • • • • • • • • • • • • • • • • •	
Type of screen	Pumping le	vel 9.0	Ø	low	
Length of screen	Pumping ra	te	July pr 1	in	
Distance from top of screen to ground level Is well a gravel-wall type?	Duration of	test/2.	nuv		··· <i>p</i> ····
13 wen a graver-wan typer	Distance from	om cylinder	or bowls to gro	ound level	ling
	Water Record	l			
Kind (fresh or mineral)	· · · · · · · · · · · · · · · · · · ·		Depth(s) to Water	Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur, etc.)			Horizon(s)) Water	Water Rises
Appearance (clear, cloudy, coloured)	111		94	fuck	74
For what purpose(s) is the water to be used?	welling	It seek	<u></u>	V	
How far is well from possible source of contamination	inth	• • • • • • • • • • • • • • • • • • • •	• • •		
What is the source of contamination?		• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		
Enclose a copy of any mineral analysis that has been		• • • • • • • • • • • • • • • • • • • •	• • •		
Well Log			• • •		
Overburden and Bedrock Record	From	То	1	ocation of Well	
and day	0 ft.	60ft.	In diagra	m below show dist	ances of
grain fond	60	98		road and lot lin	
Thy Timestone	90	98	dicate no	orth by arrow	
				11	,
			a) [‡]	v /	
		_	1 A	AP .	
		_	7 1 60		1
			C NO MAN		1
		-	Man		
		-	A	•1	Tell
		-		_	7.0
			W		
			Slands	+ woh ERd	
			Can st	SINRA	
			Knil	F of Ment	Hope Willy
Situation: Is well on upland in valley or on hillside	uplos	4	134 mle	•	
Drilling Firm. W/ Jaly flackho	m			• • • • • • • • • • • • • • • • • • • •	• • • • • • •
Address Address	!		·····/ / ····	~/~~~~~~	• • • • • • • • •
Name of Driller W. 1844 Frankling		. Address.		finalle	• • • • • • • •
Date		Licence N	Number	Da LA	y
FORM 5		.4	Signature	of Licensee	

Elev. 12 N N Elev. 13 O 13 O The Ontario Water Resort WATER WELL County or District	L REC	ORD Own or City.	WATER RESOURCES COMMANDEN TO MATERIA WATER RESOURCES COMMANDEN COM	9 64 4091
	ess 70 70 9			
Casing and Screen Record		Pumpin		
Inside diameter of casing	Static level	• •	17 /	•••••••••••••••••••••••••••••••••••••••
Total length of casing 93	Test-pumping ra			G.P.M.
Type of screen	Pumping level	110		······
Length of screen	I	15		
Depth to top of screen	Water clear or cle	oudy at end of	test 120	
Diameter of finished hole Q/4	Recommended p	oumping rate	6 for shot	G.P.M.
	with pump settin	g of 105	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)
that	0	93	108	fost
For what purpose(s) is the water to be used?		Locati à n,	of Well	
Firm	In diagran	70	distances of wel	l from
Is well on upland, in valley, or on hillside?	road and	lot line.	licate north by	arrow.
Drilling or Boring Firm		&		
		À		
Address findbuill		3		9
17 (2)		K	1	13
Licence Number 355		9	Me	3
Name of Driller or Boyer		2	wat I	8.
Address Frullmeec			May 10	u
Date The Landson		- 1		+++
(Signature of Incensed Drilling or Boring Contractor)			-	
Form 7 15M-60-4138	months dik	1K/	V	9 10 11
OWRC COPY	175HS417	Rd		

	CODED	The Ontario Wat	er Resou <u>rc</u>	es Commission	Act	CODED	30 M/
	Con !- W	ATER W	/ELL	REC	ORE	DED	Jon U
Water management in	Ontario 1. PRINT ONLY IN	SPACES PROVIDED	· ·	6807395	MUNICIP.	CON.	Lat 9
OUNTY OR DISTRICT	2. CHECK 🔀 CORF	TOWNSHIP, BOROUGH, CITY, TOW	1 1 1 1 1 2 NN, VILLAGE		10 14 , BLOCK, TRACT, SURVE	15 TY FTC	22 23 LOT 25-2;
WENT SURNAME FIR	<u> </u>	GLAN!	FORD	工			88
		MOUNT	HOPE	P.O.		DATE COMPLETED DAY 2 MO 1	48-53 VOV. YR/9
21	ZONE EASTING 5189	19/10 4.7.7.7.9.7	ا اما اسس	EVATION RC. 217510 4	BASIN CODE	1 1 1	iv i
	Le	OG OF OVERBURDEN AN	ID BEDROCK	MATERIALS (SEE	INSTRUCTIONS)		4
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIAL			AL DESCRIPTION	DE	PTH - FEET
BROWN	CLAY					0	60
		QUICK SA LIME STON	ND			6	
		LIME STOR	15			90	6 140
1							
2 10	14 15 21	32	43	54	4	65	75
TER FOUND	R RECORD	51 CASING & OPEN	LL DEPTH -		OF OPENING 31 NO.)		B8 LENGTH 39-
10-13	RESH 3 SULPHUR 14	DIAM. MATERIAL THICKI	IES FROM	TO MATER	IAL AND TYPE	DEPTH TO TO OF SCREEN	OP 41-44 8
20 2 = 5	RESH 3 SULPHUR 19	64 2 GALVANIZED 21	8 0	96			FEET
2 🗆 S	FRESH 3 SULPHUR 24	4 ☐ OPEN HOLE 17-18 1 ☐ STEEL 19		20-23 DEPTH SE	LUGGING &	DIAL AND TYPE	RECORD
2 🗆 S	SALTY 4 MINERAL	2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ■ OPEN HOLE	94	140 FROM	10	LE	AD PACKER, ETC.)
2 🗆 S	ALTY 4 MINERAL	24-25 1 STEEL 26		27-30 18-2	21 22-25	-	
1 _ F 2 _ S		3 CONCRETE 4 COPEN HOLE		26-2	9 30-33 80		
PUMPING TEST METHO	DD 10 PUMPING RATE	11-14 DURATION OF PUMPING	17-18	LO	CATION OF	WELL	
STATIC LEVEL	WATER LEVEL 25 END OF WATER	GPM HOURS 1 PUMPING	MINS.	IN DIAGRAM BELO LOT LINE, INDICA	W SHOW DISTANCES OF TE NORTH BY ARROW.	WELL FROM ROAD AN	ID
19-21	22-24 15 MINUTES 26-28	24 RECOVE	MINUTES (95-37)	.^	1 1		×
IF FLOWING,	5 FEET FEET	ET AT WATER AT END OF TEST	FEET 42	ics !	IN IL		7
GIVE RATE	GPM.	FEET 1 CLEAR 2□	CLOUDY	16			
RECOMMENDED PUMP	PIIMP A	35 FEET RATE	46-49 GPM. 2	AIR PO	RT RD	I A c T	3
50-53	GPM./FT. SPECIFI	C CAPACITY		HAIRE	·	<u>C781</u>	
FINAL STATUS	WATER SUPPLY 2 ☐ OBSERVATION WELL	5 ☐ ABANDONED, INSUFFICIENT 6 ☐ ABANDONED, POOR QUALITY	SUPPLY	16	60	S. B. J. G.	
OF WELL	3 ☐ TEST HOLE 4 ☐ RECHARGE WELL	7 ☐ UNFINISHED	/	E I MIL	E will		≥
WATER	DOMESTIC 2 ☐ STOCK	5 COMMERCIAL 6 MUNICIPAL			175°		F.
USE	3 ☐ IRRIGATION 4 ☐ INDUSTRIAL	7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING	//	· · · · · · · · · · · · · · · · · · ·	8 LOT	1	
57	OTHER	9 □ NOT USED	<u> </u>				12
METHOD OF	2 CABLE TOOL 2 ROTARY (CONVENTION 3 ROTARY (REVERSE)	6 ☐ BORING DNAL) 7 ☐ DIAMOND 8 ☐ JETTING		HOUSE NO	466		10
DRILLING	4 ROTARY (AIR) 5 AIR PERCUSSION	9 DRIVING	\				1,
NAME OF WELL CON		LICENCE NUM	BER DA	RS REMARKS: TA 58 CONT URCE	RACTOR 59-62 DATE		63-68 80
	NO HARA	353	6 2	UNCE		18021	
CRO			CD DA1	TE OF INSPECTION	INSPECTOR		
CRO			N N N N N N N N N N N N N N N N N N N	29,10,70	INSPECTOR 7/p		
CRO		VE HAMILTO SS 353	BER S REM			CSS SX	
CRO	WNFDY A	VE HAWILTO	BER SE OFFICE OF	29,10,70		CSS.S8	J.B.

Appendix 1D

Ministry of the Environment, Conservation & Parks Water Well Records along Cross-Section D-D'





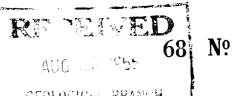
The Water-well Drillers Act, 1954

LOOUND WATER BRANCH JUN 20 1958 ONTARIO MIATEO

		Department	of Mines	RESIDENCES	COMMISSION
V	Vate	r-We	ll Recor	d	
County or Territorial District					
Con	Street and	Number (if	in Village, Town or	City)	
	Mau	58.	Address	M. J. Affic	•••••
(day)	(month)	(year)			
Pipe and Casing	Record			Pumping Test	
Casing diameter(s)			Static level		
Length(s)			Pumping rate 1210 gay for for		
Type of screen			Pumping level		
Length of screen	•••••••••••		Duration of test/	In-	••••••
Well Log				Water Record	
Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of wate (fresh, salty, or sulphur)
clay.	0	70	107	80	fush
Sofly Ildy	70	104			
Junto rak	104	109		_	
	<u> </u>				
			CHECKED	SEDTINGO	FRESH
			Checker	200,	7
					_
					-
For what purpose (s) is the water	to be used?			ocation of Well	WAI
Is water clear or cloudy?		4		w show distances of	
Is well on upland, in valley, or on	,		road and lot lin	e. Indicate north	by arrow.
	J				
Drilling firm	of Rhier	3	\$ 5 \$ \$		
Address	ulle		a management		
Name of Driller Algery	Jack Site	7.3	the control of the co		
Address January	will		The second second		
Licence Number 8	•••••••••				
I certify that the f					
statements of fact			1/ 4.	5 Y mp	
Date June 13/ Wesley	forbho gnature of Licens	See See		mat the	
/50			-	以从	
rm 5	14.11	-11			CSS.\$8

UTM 🔔 🗓	z		j	1	E	
9 R		İ		_	6 N	ľ
Elev. Q	0	73	310	<u>)</u>		
Rasin 24			1			Th





Jo 4,065

ONTARIO GEOLOGICAL PRANCH he Water-well Drillers Act, 1954ARTMENT OF MINES

Department of Mines

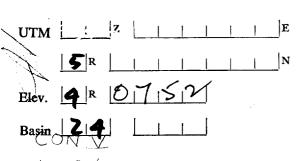
	^			Record		
County or Territorial District.	lentworth	Town	ship.	Village, Town or Ci	ty La	rfard
Country of Telephorian Distriction			ı V	illage, Town or City	y)	<i></i>
			Addı	ress MC	Hope	<i></i>
(day)	(month)	(year)				
Pipe and Casin	g Record			P	umping Test	
<-S	• • •		~	ic level		
Casing diameter(s)	·9/ ·		Stat	ic level	ell our	min '
			Pun	nping rate	25	
Type of screen Length of screen			Dur	nping rate inping level inping	1 Low	
Length of screen						·
Well Log	:			v	Vater Record	
Overburden and Bedrock Record	From ft.	To ft.		Depth(s) at which water(s) found	No. of feet water rises	Kind of wat (fresh, salt or sulphur
from clay	0	76	71	114 1151	15''	hul
limistone rock	76	1/5		110-115'		- June
				:		
					-	
For what purpose(s) is the wate	r to be used?			Loca	ation of Well	
2620 dones				In diagram below		
Is water clear or cloudy?		i i		road and lot line.	•	by arrow.
Is well on upland, in valley, or or	n muside:			*	€ 5 °	
Drilling firm Howard	ivss					
Address	nan Coi			大儿		
7					·	
Name of Driller	kw					
Address	uman Car	:				
						. (
Licence Number	••••					ger#
I certify that the						
statements of fac	t are true.					
Data Street	end so	was				
Date	Signature of License	ee				

	Vater.	epartment -We	of l	GEOLOGICAL IN ACLE INFERENT OF CO.	RADUH F MINES	
County of Territorial District		#OW1	15111p;	Village, Town or Ci	ty)	
			\do	iress	, , , , , , , , , , , , , , , , , , ,	••••••
Pipe and Casing	(month)	(year)			Pumping Test	
	•,				· ·	
Casing diameter(s)			Sta	tic level	sal out	min
Type of screen			Pu	mping rate		
Length of screen			Du	ration of test	Low	
Well Log					Water Record	
Overburden and Bedrock Record	From ft.	To ft.	>	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Courstone rock	- 0 - 93	100	0	100 -108	88'	fresh
						<i></i>
				64-450	8 = 0#	£ 2=£ //
				CHECKED	SEPT M/60	FRESH
For what purpose(s) is the water					cation of Well	/
Is water clear or cloudy?	lear				show distances of . Indicate north	
Drilling firm Howard		20		Å		
Address						
Name of Driller	illeed					
Address				· /		
					3 20 1	
Licence Number I certify that the					••	

CSS.S8

statements of fact are true.

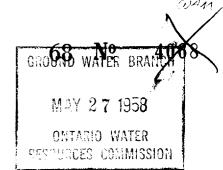
Signature of Licensee





The Water-well Drillers Act, 1954

Department of Mines



Water-Well Record

			n	o, Village, Town or Ci Village, Town or Ci Idress M.O.U.A. 7	ty)			
Date completed2.7	MAR. (month)	1958 (year)	7					
Pipe and Casin	g Record				Pumping Test			
Casing diameter(s) 6 7 Length(s) // D Type of screen Length of screen				Static level 3.5 Pumping rate 10.6.P.M. Pumping level 6.0				
Well Log		<u>'</u>			Water Record			
Overburden and Bedrock Record	From ft.	To ft.		Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)		
gray / Imessine has	//0	//2		721	76			
				CHECKED	SEPTIVIOS	FRESH		
For what purpose(s) is the water HOUSE Is water clear or cloudy?	LEAR hillside? CROSS			Loc In diagram below road and lot line.				
Name of Driller ARTHUR Address RYCHMAN'S Licence Number I certify that the statements of fact	CRoSS Co <i>RNERS</i> foregoing		÷	BY PASS NO. 6 H	Macury Troppe			
Date MAY 16 26 s	ignature of Licensee	oo			ROCKT ROLD	CSS.S8		

UTM Z APL E	THE STATE OF THE S		1	water branc! v 1 46 19 61 N	
Elev. R D7 57 The Ontario Water Reso	ources	Commission	Ad ON	TARIO WATER	, si
Basin 24 WATER WEL		REC	ORBOUR	CES CUMIMISSIO	2
County or District WENTWORTH T	Townshi Date con	p, Village, T	Cown or City.	GLANF OCT.	0RD 1961 year)
	ress.		AMIL	TON	
Casing and Screen Record			_	g Test	
Inside diameter of casing 64					
Total length of casing	Test	-pumping ra	ite	/ O	G.P.M.
Type of screen					·
Length of screen					HBS
Depth to top of screen X Diameter of finished hole					EAR
Diameter of finished hole					G.P.M.
	with	pump settin	g of 8 6	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 SOIL		0	1		
BROWN CLAY BLUE CLAY		1	26	112	FRESH
OUCK SAND		26 50	50 80		
BLUE CLAY		80	110		
BLUE CLAY ROCK JAIME STONE		110	112		
			· · · · · · · · · · · · · · · · · · ·		
For what purpose(s) is the water to be used?			Location		
GOLF COURSE				distances of wellicate north by	
Is well on upland, in valley, or on hillside?		roud and	iot mie. The	neate north by	arrow.
Drilling or Boring Firm CROSS 131705.		. + 1	. //	11	
Address 38 KENNEDY AVE.		v ^{oe"}	460	مريد المرد	
Licence Number 315	ı		<u> </u>	NIAPORT	ROAD
Name of Driller or Borer AIRTH UR CROSS			- 11		
Name of Driller or Borer 7717 // Uf Call 33	1		7		
Address 38 KENNEDY AVE,			1/3		
Date OCT. 4/	Ψ		Z/		
(Signature of Licensed Drilling or Boring Contractor)			//2		
Form 7 15M Sets 60-5930	ł		\$	CSS,S8	
OWRC COPY				(55,30	, <u>, </u>

Elev. QR O740 The Ontario Water Resorbasin ZQ WATER WE	LL RECORD ONTARIO WATER RESOURCES COMMUSSION
Casing and Screen Record	Pumping Test
Inside diameter of casing Total length of casing Type of screen Length of screen Depth to top of screen Diameter of finished hole	Static level Test-pumping rate / 5 OR BETTER G.P.M. Pumping level Duration of test pumping Water clear or cloudy at end of test Recommended pumping rate G.P.M. G.P.M. with pump setting of / 20 feet below ground surface
Well Log	Water Record
Overburden and Bedrock Record TOP SOLL BROWN CLAY QUICK SAND BLUE CLAY LIME STONE	From ft. To thick the ft. To the
For what purpose(s) is the water to be used? IRIGATING GOLF COURSE Is well on upland, in valley, or on hillside? UPLAND Drilling or Boring Firm CROSS BROS. Address 38 KENNEDY AVE. Licence Number Name of Driller or Borer ARTHUR CROSS Address 38 KENNEDY AVE. Date MAY 8 AVE. (Signature of Licensed Drilling or Boring Contractor) Form 7 15M Sets 60-5930 OWRC COPY	Location of Well In diagram below show distances of well from road and lot line. Indicate north by arrow. AIRPORT RD. CSS.Sel.

UTM Elev. 9 R 0730 The Ontario Water Reso	ources Commission		ND WATER BRANCH	9 14874
Basin Z4 WATER WEI		į L		
County or District - WENTWORTH	Formulain William T	G:		FORD
Con. U Lot 0	Date completed	/2 .	MAY.	1962
		(day	month	year)
	dress		·····	·····
Casing and Screen Record		Pumpin		
Inside diameter of casing	Static level			
Total length of casing	Test-pumping ra			G.P.M.
Type of screen	Pumping level			
Length of screen	Duration of test p	oumping,	4 HRS.	
Depth to top of screen	Water clear or clo	oudy at end of	test Cle	ac
Diameter of finished hole 6/4	Recommended p	umping rate.	1/2	G.P.M.
	with pump setting	g of	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)
BROWN Clay	0	45		
DRY FINE SAND.	45	109	1,8	I-RES#
	707	100	//0	j-1003p
For what purpose(s) is the water to be used?	.	Location		
			distances of well icate north by	
Is well on upland, in valley, or on hillside?			,	
Drilling or Boring Firm L - CONSTABLE -		İ		
1/2		\.	125	$ \uparrow $
Address HHMHOH EM,		, ,		
		3		*
Licence Number	_	12	#:3	
Name of Driller or Borer		· 1		
Address	-			
Date May 16/62	<u></u>		, -b	ļ
(Signature of Licensed Brilling or Boring Contractor)	U	///	101	
Form 7 15M Sets 60-5930		LOTS		
OWRC COPY			•	CSS.S8

	THE RESOURCE
	To rote
Elev.	ario Water Resource
Basin Z4 WATE	R WELL
County or District WENTWORTH	Town
Con. Lot 6	Dațe
	re
Carina and Sanon Books	
Casing and Screen Record	S
Total length of casing //2	1
Type of screen	l l
Length of screen	i
Depth to top of screen	
Diameter of finished hole 7	R
James of the state	, w
Well Log	
Overburden and Bedrock Record	
BROWN CLAY	1.6
GREY CLAY	
QUICK / SAND!	
COURSE GRA	(VE)
LIMK STON	
For what purpose(s) is the water to be used?	
IRRICATION	
Is well on upland, in valley, or on hillside? UPX	AND
Drilling or Boring Firm CRoSS BR &	5.
Address 38 KENNEDY AUK	• • • • • • • • • • • • • • • • • • • •
HAMILTON	
Licence Number 1338	20
Name of Driller or Borer ARTHUR C	Ross
Address 38 KENNEDY AVE	,
Date July 4	
(Signature of Licensed Drilling or Boring Co	ntractor)

PERMIT es Commission Act

WATER RESOURCES DIVISION ONTARIO WATER

RESOURCES COMMISSION

nship, Village, Town or City GLAN FORD

RECORD

completed 30

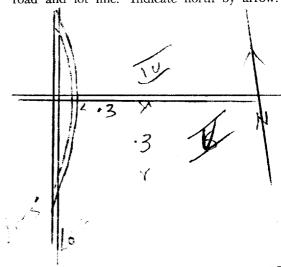
MOUNT HOPE

		Pumpin	g Test	
S	tatic level	55	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Т	est-pumping ra	te	25	G.P.M.
P	umping level		150	
D	ouration of test p	oumping	o d	HIZS.
v	Vater clear or clo	oudy at end of		• • • • • • • • • • • • • • • • • • • •
R	Recommended p	umping rate	25	G.P.M.
W	th pump settin	g of 180	feet belov	w ground surface
			Water	Record
	From	To ft	Depth(s) at which water(s)	Kind of water (fresh, salty,

		Wale	r Record
From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
 0	1		
	3/		
3/	55		
55	90		
90	108		
108	1/2.	135	FRESH SLIGHT SULPHUR
 112	191	190	SLIGHT
			SULPHUR
			-

Location of Well

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



CSS.S8

Form 7 15M-60-4138

TM	بنا ، النبو	un un					\mathbf{Y}
9 R						68 Nº	41/82
ev.92R 01720		NTARIO			I	CIIVE.	
asin 24		1 Drillers A			M	y 18 1951	
Depart	ment of Mi	nes, Provinc	ce of Ont	ario	GEO	OGICAL BRANC	H
Wate	er W	ell l	Rec	01	d DEPAR	SLANFORD	VES
Winter	TITL TO		oo Towe	~~ <i>C</i>	ity.	Lanfor	L
		own o	or City)				
			R.R			you	•••••
Date Completed	ar)	Vell (excludit	ng pump).				
Pipe and Casing Record				Pum	ping Test		
Casing diameter(s)		Date tatic level		_	5 1		
Length(s) of casing(s)	F	umping leve	1	7.4	2 ft		
Length of screen	1	umping rate		90	*	men.	
Distance from top of screen to ground level Is well a gravel-wall type?	i i	Ouration of to Distance from		or bo	•	level	
is well a graver-wall type:		er Record	-				
Kind (fresh or mineral)	fress	<u></u>			Depth(s) to Water	Kind of Water	No. of Feet Water Rise
				1	Horizon(s)		
Quality (hard, soft, contains iron, sulphur, etg	CS. The	1				1.71	79/1
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used?	mination?	nil			//3	fusk	78 ft
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used?. How far is well from possible source of contamination? Enclose a copy of any mineral analysis that h	mination?	nil			//3		78 ft
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contain What is the source of contamination?	mination?	nil	То		//3	cation of Well	
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	mination?	e of water	To ### Aft.		1/3 Lo	cation of Well	ances of
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	e of water	То		Lo. In diagram well from	cation of Well	ances of
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	From 0 ft. 18 70 85	To		Lo. In diagram well from	cation of Well	ances of
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	e of water	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo. In diagram well from	cation of Well	ances of
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo. In diagram well from dicate nort	cation of Well odiew show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo. In diagram well from	cation of Well odiew show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo. In diagram well from dicate nort	cation of Well odiew show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo. In diagram well from dicate nort	cation of Well odiew show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo. In diagram well from dicate nort	cation of Well odiew show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo. In diagram well from dicate nort	cation of Well odiew show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo. In diagram well from dicate nort	cation of Well odiew show dist road and lot lin h by arrow.	ances of
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	Cles Mination? Mil	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo. In diagram well from dicate nort	cation of Well odiew show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used?. How far is well from possible source of contart What is the source of contamination? Enclose a copy of any mineral analysis that have the contact with the contact w	mination? hestoy	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo In diagram well from dicate north	cation of Well below show distroyd and lot link by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contam. What is the source of contamination? Enclose a copy of any mineral analysis that he well Log	mination? hestoy	From 0 ft. 18 70 85	To \(\frac{18}{5} \).ft. \(\frac{70}{55} \)		Lo In diagram well from dicate north	cation of Well odiew show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured)	mination? hestoy	From 0 ft. 18 70 85	To \\$\frac{18.\text{st.}}{70} \\$5 \sigma 8 \sigma 118	10 8 111 EMWAY	Lo In diagram well from dicate north	cation of Well below show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured)	mination? mas been made clay on hillside? don	From 0 ft. /8 /08.	To \\$\frac{18\tau.\text{ft.}}{70} \\$\frac{85}{18} \text{118}	16 111 EMWAY	Lo In diagram well from dicate north	cation of Well below show dist road and lot lin h by arrow.	ances of ne. In-
Appearance (clear, cloudy, coloured)	mination? mas been made clay on hillside? don	From 0 ft. /8 /08.	To \\$\frac{18\tau.\text{ft.}}{70} \\$\frac{85}{18} \text{118}	16 111 EMWAY	Lo In diagram well from dicate north	cation of Well below show dist road and lot lin h by arrow.	ances of ne. In-

From memory- Record may not be reliable

UMM !_:	7.			E
9 R				_N
Elev R Basin 2 4	07	115	l	
Basin Z 4		1		
Conc- VL				



Geological Branch

DEPARTMENT of MINES The Well Drillers Act Lot - 6. Department of Mines, Province of Ontario Water Well Record Glanford Village, Town or City.: own or City) Date Completed Cost of Well (excluding pump)... 28/. (month) (year) Pipe and Casing Record Pumping Test Date..... Static level . . . H. Type of screen..... Pumping level ... Length of screen..... Pumping rate. 15.11.50 Distance from top of screen to ground level..... Duration of test... Is well a gravel-wall type?..... Distance from cylinder or bowls to ground level. Water Record Depth(s) to Water Horizon(s) Kind of Water No. of Feet Water Rises Quality (hard, soft, contains iron, sulphur, etc.)...... Appearance (clear, cloudy, coloured)..... For what purpose(s) is the water to be used?.... How far is well from possible source of contamination?.. What is the source of contamination? Enclose a copy of any mineral analysis that has been made of water.... Well Log Location of Well Overburden and Bedrock Record From То 5.0.ft. 0 ft. In diagram below show distances of 53 70 well from road and lot line. Indicate north by arrow 70 Drilling Firm....

Name of Driller Date . . ! . ! ! ! ! !

....Licence Number.

..Address

Signature of Licensee

JTM 1/17 2 5 8 7 9 8 0 0 0 Con V	SOLA		The colours of the substitute	ل المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية ا		
1418 1 (1) 21 21 21 21 21 21 21 21 21 21 21 21 21				30 1/4e		
4217171610 CODED	£ 68n	5912-1				
Elv. (10171310)	7					
The Ontario Water Re						
WATER WE	LL REC	ORD				
2 4 1)	.Township, Village,		9/			
Con. Ko Thomas Lot 6			o Desir	1968		
		(day	month	/ 7 6 8 year)		
	dress	amil	ton			
Casing and Screen Record	Pumping Test					
Inside diameter of casing 67	Static level 8.5					
Total length of casing 109	Test numping rate					
Type of screen	1			G.P.M.		
Length of screen	Pumping level / 20 Duration of test pumping / kr					
Depth to top of screen	1 1 3					
Diameter of finished hole 62	Water clear or cloudy at end of test clear Recommended pumping rate GPM					
- ,	with nump settin	oumping rate	11	ow ground surface		
Well Log	with pump setting	g or				
	To		Depth(s) at	r Record		
Overburden and Bedrock Record	From ft.	To ft.	which water(s) found	Kind of water (fresh, salty,		
BROWN CLAY	0	15	115'	sulphur)		
WHITE NIAGARA	15	108		SUIPHURY		
WASARA	108	120				
						
						
For what purpose(s) is the water to be used? HOUSEHOLD	decation of Well					
	road and l	77707	distances of well	from		
Is well on upland, in valley, or on hillside?	Todd and	ot the The	icate north by	arrow.		
Drilling or Boring Firm James Wishelt	Λ	AN I				
B : 3/2 P 1	1/2	()				
Address Box 313 Caledonia		\$ 80	4			
2020		100	70			
Licence Number 2978	•					
Name of Driller or Borer		, -w. E.	.			
Address		43. 3	Ç			
Date	•	114 . 1	1	, nav		
gnature of Licensed Drilling or Boring Contractor)		W	hit Chine	hRd.		
Form 7 15M-60-4138			<i>٢</i>	VIL		
	ه_ړ	71	ro'	2 8		
O W R C COPY	J		CSS.	5 0		
•						

OWRC COPY

The Ontario Water Resources Act WATER WELL RECORD

	I SPACES PROVIDED	6812313	68,007 CI	0.11				
COUNTY OR DISTRICT	TOWNSHIP BOROUGH CITY TOWN VILLAGE	CON	BLOCK, TRACT, SURVEY ETC	5 s.27				
OWNER (SURNAME FIRST) BME SERVICES	3622 HWY #	6 MOUNT HO	· ~	MPLETED 1 44-53 VR.92				
21 1 2 20NE EASTING	NORTHING RI	ELEVATION RC.	BASIN CODE	"" IV				
LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) DEPTH - FEET								
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS	GENER	AL DESCRIPTION	FROM TO				
Top Soil				0 3				
Brown PClay				3 22				
Blue Clay				22 88				
Grey Shale Rock				88 90				
Grey Line Rock	,			90 92				
31] []						
32	سلسلسي لتسلسل	43	54	1 1 2 6				
WATER RECORD WATER FOUND KIND OF WATER	51 CASING & OPEN HOLE	DEPTH - FEET	NO I	AMETER 34-38 LENGTH 39-40				
O 10-13 FRESH 3 SULPHUR 14	10-11 1 STEEL	13-16	RIAL AND TYPE	DEPTH TO TOP 41-44 30 OF SCREEN				
15-18 FRESH 3 SULPHUR 19 6 4 4 OPEN HOLE 61 PLUGGING & SEALING RECORD								
20-23 1 FRESH 3 SULPHUR 24 MINERALS 6 GAS	17-18 1 □ STEEL 2 □ GALVANIZED 3 □ CONCRETE	20-23 DEPTH SET AT - FEET MATERIAL AND TYPE (CEMENT GROUT FROM TO LEAD PACKER, ETC.) 10-13 14-17						
25-28 1 FRESH 3 SULPHUR 29 4 MINERALS 2 SALTY 6 GAS	4 OPEN HOLE		-21 22-25					
30-33 1 FRESH 3 SULPHUR 34 4 MINERALS 2 SALTY 6 GAS	2 GALVANIZED 3 GONCRETE 4 GOPEN HOLE 5 GPLASTIC	26	29 30-33 80					
71 PUMPING TEST METHOD 10 PUMPING RA	15-16 17-18	L	OCATION OF WE	LL				
STATIC WATER LEVEL 25 LEVEL END OF WATER PUMPING	STATIC WATER LEVELS DURING 1 D PUMPING IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW.							
1 35°-21 86°-24 15 MINUTE	* K52231 453234 353537							
FEET FEET PUMP INTAK GIVE RATE RECOMMENDED PUMP TYPE RECOMMENDED PUMP PUMP PUMP	E SET AT WATER AT END OF TEST 42	1						
RECOMMENDED PUMP TYPE RECOMMENDED PUMP PUMP SETTING	PEET V		16					
10-31		61	HWY.					
FINAL STATUS 1 water supply 2 observation w 3 test hole	\$ \[ABANDONED. INSUFFICIENT SUPPLY ELL \[\$ \[ABANDONED POOR QUALITY \] 7 \[UNFINISHED		- 13					
OF WELL 4 RECHARGE WELL		$\ (N) \ $	Wet 31	20'-7 N				
WATER 2 STOCK 3 IRRIGATION USE 4 INDUSTRIAL	6 MUNICIPAL 7 PUBLIC SUPPLY COOLING OR AIR CONDITIONING		1	126				
□ OTHER	9 □ NOT USED	1						
METHOD OF OF CABLE TOOL A ROTARY (CONVE				→				
CONSTRUCTION 4 ROTARY (AIR) 5 AIR PERCUSSION	9 DRIVING	DRILLERS REMARKS		124032				
NAME OF WELL CONTRACTOR	WELL CONTRACTOR'S	DATA 58 C	2803 FE					
ADDRESS Aldorcrect	Alv Hamilton Ont	DATE OF INSPECTION	INSPECTOR	- 1 U 1333				
ADDRESS 175 Alder Crest MME OF WELL TECHNIC AN MAN	well technician's licence number 1035	REMARKS		200 -2				
SIGNATURE OF TECHNICIAN/CONTRACTOR		OFFICE	<u> </u>	CSS.ES				
MINISTRY OF THE ENVIRON	IMENT COPY		N-	FORM NO. 0506 (11/86) FORM 9				

Appendix 2

Photographs



Photograph 1. Standing near the northern boundary of the study area close to Airport Road East looking southward over a wide, flat sod field. Photograph taken on November 5, 2024.



Photograph 2. Standing near the middle of the study area looking eastward towards Miles Road over a wide, flat sod field. Photograph taken on November 5, 2024.



Photograph 3. Standing near the middle of the study area looking westward towards Upper James Street over a wide, flat field. Photograph taken on November 5, 2024.



Photograph 4. Standing near the eastern boundary of the study area close to Miles Road looking westward over a wide, flat field. Photograph taken on November 5, 2024.



Photograph 5. Standing near the southern boundary of the study area close to White Church Road East looking northward over a wide, flat field. Photograph taken on November 5, 2024.