Hydrogeological Assessment Addendum

Proposed Residential Development Centre Road Phase 2, Uxbridge, Ontario

Mason Homes (Uxbridge) Limited

04 February 2025

→ **The Power of Commitment**

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1. Introduction

GHD Limited (GHD) was retained by Mason Homes (Uxbridge) Limited (Client) to address comments made by the Lake Simcoe Region Conservation Authority (LSRCA) dated July 31, 2024. This report is considered to be an addendum to our geotechnical and hydrogeologic investigation report[1] ("the Report"), prepared in support of a proposed residential development to be located along the east side of Centre Road approximately 200 m north of Oakside Drive in Uxbridge, Ontario (herein referred to as "the Site"). Geographically, the Site is located on Part Lot 33, Concession 6, Township of Uxbridge, Regional Municipality of Durham. The Site encompasses an area of 13.575 hectares ("ha") (~33.5 acres) and consists predominantly of agricultural land. Trees and bush were observed along the northern fence line and at the east end of the Site. The location of the Site is provided on the **Site Location Plan, Figure 1**.

This addendum focuses on the hydrogeological aspects raised by LSRCA. All other hydrogeological and geotechnical conclusions and recommendations remain unchanged from the Report. The Report was completed in 2021 for a mixture of houses, semi-detached dwellings, townhouses and other residential units. Based on an updated concept plan, dated May 13, 2024, the proposed development is to consist of 82 townhouses, 154 single family dwellings, and a stormwater management block. The development will be municipally serviced for water and sanitary sewer. The updated concept plan and locations of our subsurface exploration test holes are illustrated on the **Test Hole Location Plan, Figure 2**.

The purpose of this hydrogeological assessment addendum is to address the LSRCA comments and provide an updated report regarding the soil and groundwater conditions at the test hole locations. This addendum provides information regarding the groundwater depth, infiltration testing data, a well survey and water balance calculations targeting local catchments on the Site.

1.1 Limitations

This addendum has been prepared by GHD for Mason Homes (Uxbridge) Limited and may only be used and relied on by Mason Homes (Uxbridge) Limited for the purpose agreed between GHD and Mason Homes (Uxbridge) Limited as set out in Section 1 of this report.

GHD otherwise disclaims responsibility to any person other than Mason Homes (Uxbridge) Limited arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD and described throughout this report. GHD disclaims liability arising from any of the assumptions being incorrect.

[1] Geotechnical and Hydrogeologic Investigation Report. Proposed Residential Development – Centre Road Phase 2, Uxbridge, Ontario. Report prepared for Mason Homes Limited. Dated March 26, 2021.

2. Background

The Site description and regional setting was established within the Report. The hydrogeology of the area is characterized by relatively flat lying to gently rolling topography of soils that generally consist of clay underlain by intermittent layers of sand and gravel. The Site topography is generally rolling and slopes on the order of 20 m from about 287 metres above sea level (masl) to 268 masl from west to east across the Site. There are local areas that slope to the southeast towards a tributary of the Uxbridge Brook. Seasonal water is expected to flow within the sand and gravel layers. Limited vertical migration is expected within the clay (and till). Only a minor portion of the existing infiltration is expected to recharge the deeper aquifers that are confined below the clay and till.

The Site is located with the Lake Simcoe and Couchiching / Black River Source Water Protection Area. Based on the information reviewed from the "Source Water Protection Atlas", the Site has:

– Several small Significant Groundwater Recharge Areas (SGRAs);
– A small area identified as a Highly Vulnerable Aquifer (HVA) in the southwest area;
– No areas within a Wellhead Protection Area (WHPA);
– Areas that are within the Wellhead Protection Areas Q1 and Q2 (WHPA Q1/Q2); however, the northern area of the Site is not within the QHPA Q1/Q2; and,
– No Areas of Natural or Scientific Interest (ANSI)

There is a Provincially Significant Wetland (PSW) approximately 280 m east of the Site. The tributary south of the Site provides flow into this PSW (and Uxbridge Brook). According to the Ontario Ministry of Natural Resources and Forestry (MNRF), the Aquatic Ecosystem Classification (AEC) for the stream is Cold, Clear, Fast. The AEC data also provides a July water temperature of 15.8 degrees Celsius. The MNRF's aquatic resource inventory gives the thermal regime of the stream as cold. As the stream is not influenced by upstream lakes, it is most likely a cold-water stream, and would be expected to be groundwater fed. No groundwater seeps were observed by GHD on the slopes of the Site.

3. Methodology

The purpose of this addendum was to address comments and update the previous hydrogeologic report with the prevailing conditions at the Site. GHD completed the following tasks to accomplish the foregoing purpose:

1. Updated the inventory of available well record data on file with the Ministry of the Environment, Conservation and Parks (MECP) for the immediate area to evaluate the physical characteristics of the aquifer complexes that underlie the region.
2. Completed a well survey of the area within 500 m of the Site to supplement the MECP data.
3. Prepared and implemented a Health and Safety Plan for the field activities and completed underground utility locate clearances including public and private locates.
4. Advanced test pits at six (6) locations across the Site.
5. Conducted hydrometers testing on two (2) representative soil samples obtained during the test pitting activities.
6. Completed infiltration rate testing of the upper vadose zone at five (5) of the test pit locations. Shallow and deep infiltration tests were performed at each test pit location.
7. Collected and updated water level measurements from the four (4) existing monitoring wells drilled and documented with the Report.

8. The water balance was updated to address recharge to local catchments. The water balance calculations are completed to consider pre- and proposed post-development conditions to provide infiltration targets based upon the updated concept plan provided.
9. Prepared this hydrogeological assessment addendum providing updated information based upon factual data, analysis and recommendations.

GHD also commenced long-term groundwater monitoring to evaluate seasonal fluctuations of the shallow groundwater regime and establish a high groundwater level; however, the program is to continue until May 2025 when one (1) year of data collection will be complete.

3.1 Update of Well Records and Well Survey

The well records from the Report were reviewed and updated from a 250 m buffer around the Site to a distance of 500 m from the Site boundary. The number of well records have increased from 36 records, documented in the Report, to a total of 98 well records updated in this addendum. The updated well records and mapping is provided in **Appendix A.** A summary of the well records data is provided in **Table 1** of this report.

Based on the review of the MECP well records, there appear to be domestic water supply wells located within 500 m of the Site; however, the Site itself will be serviced using municipal water and sanitary services. Areas to the north and west appear to be serviced by private well and septic systems. To supplement the MECP well records reviewed, GHD staff conducted a well survey program of the area within 500 m of the Site. A total of thirty-seven (37) letters were mailed to local homes as part of the well survey program.

3.2 Health and Safety

For projects that incorporate field activities, GHD conducts Health and Safety planning. For this project, a site-specific Health and Safety Plan (HASP) was prepared and implemented during the field activities. The HASP presents the visually observed Site conditions to identify potential physical hazards to field personnel. Required personal protective equipment was also listed in the HASP.

3.3 Utility Clearance

GHD completed a pre-drilling Site visit to review the Site conditions and access restrictions. Based on the limits of approach, the test pits were positioned appropriately to avoid potential obstructions. The test pits were placed in the field based on our understanding of the proposed development and based on proposed locations of Low Impact Development (LID) strategies provided to GHD by other consultants.

Prior to initiating the subsurface investigation activities, the applicable utility companies (e.g. gas, hydro, network cables, water, waste water, etc.) were contacted, to demarcate the location of their respective underground utilities to ensure that service lines would not be damaged during the investigative works.

GHD also retained a specialist private services locator (Utility Marx) to locate any underground private utilities that could potentially be present at the Site within the areas of intrusive work. The test pits were positioned at appropriate locations to avoid existing service lines.

3.4 Test Pit Advancement

The scope of work consisted of advancing six (6) test pits to depths ranging from 1.8 to 4.0 m on December 3, 2024 by Behan Construction Limited. The locations are shown on **Figure 2**. Test pit information is provided in **Table 2**. The logs of the test pits are presented in **Appendix B.** Groundwater observations were made within the test pits as the excavations were advanced.

The test pit locations were surveyed with an EOS Arrow Gold Plus that streams to the Real Time Kinetic (RTK) Network connected to the NAD 83 datum. The ground elevations are provided for engineering analysis purposes only, are not for construction and should be confirmed by a licensed surveyor.

3.5 Physical Laboratory Testing

The physical laboratory testing was completed in accordance with ASTM standards. A GHD technical representative logged and examined the soil samples encountered in the test pits. The detailed results of the examination are recorded on the test pit logs.

Soil samples retrieved during the test pitting were submitted for physical testing including moisture content on each recovered sample. Grain size analyses, consisting of hydrometer testing, were carried out on two (2) selected samples collected from the test pits. The results of the moisture content and grain size distribution analysis are recorded at their corresponding depths on the individual logs. The laboratory grain size distribution analyses are summarized in **Table 3** and the data is graphically provided in **Appendix C**.

3.6 Groundwater Level Monitoring

Manual groundwater levels were collected using a Solinst water level meter. Groundwater levels were collected from the existing monitoring wells on March 10, 2021 (documented in the Report), May 22, 2024 and December 3, 2024. The water levels from the monitoring wells are summarized in **Table 4**.

3.7 Infiltration Testing

In-situ infiltration testing was conducted using a constant head permeameter to provide infiltration parameters and assist in the development of stormwater management options. The importance of infiltration is for the implementation of LIDs to recharge precipitation into the ground at pre-development or near pre-development values.

Ten (10) infiltration tests were performed at five (5) locations as shown on **Figure 2**. The infiltration tests utilized a backhoe to excavate the soil to the general depths targeted for LIDs and a second test was conducted at a depth of approximately 1.5 m below the initial test. Frozen ground was not encountered at the depth of any of the tests conducted.

The constant head permeameter determines the field saturated hydraulic conductivity. The field permeameter test consisted of the following:

- Excavation of a cylindrical borehole to the interval to be tested.
- Placement of the permeameter in the borehole and filling of the borehole with water.
- Initiation of the permeameter and monitoring the rate of decline of the water level in the reservoir until steady state conditions.

The hydraulic conductivity measured in the unsaturated (vadose) zone is referred to as the “field-saturated” hydraulic conductivity (K*fs*). The permeameter method measures the steady-state flow rate necessary to maintain a constant depth of water in an uncased borehole and K*fs* is then calculated. The results of the testing are provided in **Appendix D**.

3.8 Updated Water Balance

To understand the pre- and post-infiltration components, a water budget analysis was undertaken for the Site to evaluate the amount of water surplus generated for the existing and proposed Site conditions and assess the potential impacts that may occur in the recharge / discharge characteristics related to the proposed development. The water balance has been updated to consider catchments supported by the Site.

The Site consists of 13.575 ha of predominantly agricultural land with some trees and bush areas observed along the northern fenceline and at the east end of the Site. The pre-development site has two (2) catchments identified as Catchments 100 and 101. These catchment areas are based upon the Tatham Engineering (Tatham) plan[2].

The post-development water balance will be based on the updated concept plan, dated May 13, 2024, that consists of 82 townhouses, 154 single family dwellings, a stormwater management block, roads, open space, reserves, Environmental Protection areas and a future road connection. The post-development site has three (3) catchments identified as Catchments 201, 202 and 203. These catchment areas are based upon the Tatham plan[3].

Groundwater flow generally flows toward the east and toward Uxbridge Brook; however, localized flow is expected to support a tributary of Uxbridge Creek located to the south / southeast of the Site. Groundwater infiltration is to be maintained in support of these features and downgradient receptors including Uxbridge Brook and potential well users.

The objective of the water balance is to illustrate that post-development infiltration within the developable area can meet or be close to pre-development values. The computations have used detailed parameters such as precipitation (Udora weather station (climate ID 6119055) using data from 1981 to 2010 was used), regional evapotranspiration, infiltration and runoff. Weather data from Udora was selected as it was the closest weather station to the Site (~16 km away). The detailed calculations are provided in **Appendix E**. Newer weather normals data (1991 – 2020) was available for Egbert weather station (not Udora) and was the closest to the Site (~55 km away). However, due to this weather station's distance from the Site, it was decided to continue to use Udora for these calculations.

4. Desktop and Field Investigation Results

The following sub-sections provide a detailed description of the updated desktop information that was reviewed and data collected from the field investigation / activities completed.

4.1 Existing Local Water Supplies

Information regarding groundwater characteristics of the immediate area was obtained from an inventory of well records and completion of a well survey of the local area. The results of the inventory and well survey are discussed below.

4.1.1 Updated MECP Well Records Review

A total of ninety-eight (98) well records were noted within 500 m of the Site. The information includes ten (10) abandonment records and seven (7) monitoring wells which provided limited information. The well records indicate the presence of clay, sand and gravel soil in the area which is inferred to be glacial till. Bedrock was not encountered in any of the local well records. The well record information indicates within 500 m of the Site that there are:

[2] Tatham Engineering "Pre-Development Drainage Plan". Dwg. DP-1, dated October 2024.
[3] Tatham Engineering "Post-Development Drainage Plan". Dwg. DP-2, dated October 2024.

- Nine (9) dug / bored well records;
- Seventy-two (72) drilled overburden well records;
- Seven (7) monitoring well records; and,
- Ten (10) abandonment records.

The information indicates the presence of two (2) principal aquifer systems:

1. An unconfined shallow water table system within the shallow glacial till tapped by the dug / bored wells; and
2. Deeper overburden (sand / gravel) within the glacial till tapped by deeper overburden wells.

The well records are summarized in the table below:

Table 1 MECP Well Record Summary within 500 m

Well Use	Well Type/Unit	No. of Wells	Well Depth Min – Max (Avg) (m)	Water Encountered Depth Min – Max (Avg) (m)	Static WL Min – Max (m)	Yield Min – Max (Avg) (L/min)
Water Supply	Overburden – Drilled	72 (89%)	9.8 – 77.7 (24.7)	7.9 – 75.9 (22.9)	0.0 – 16.8 (6.7)	11.3 – 75.6 (30.1)
Water Supply	Dug / Bored	9 (11%)	5.2 – 10.7 (7.7)	3.0 – 9.1 (5.7)	0.9 – 4.9 (2.6)	3.8 – 18.9 (9.7)
Total		**81**				
Abandonment	Drilled /Dug	10	5.2 – 36.5 (20.9)	6.4	2.1 – 5.8 (4.0)	15.1
Monitoring Well	Drilled	7	6.1 – 26.2 (10.7)	1.2 – 25.3 (10.8)	8.2	30.2

GHD notes that any monitoring wells or water wells on the Site will need to be properly abandoned once they are no longer needed and / or prior to development construction activities by a licensed well drilling contractor in accordance with Regulation 903 of the Ontario Water Resources Act.

4.1.2 Well Survey

GHD staff conducted a well survey within 250 m of the Site which is documented in the Report. The well survey was conducted to investigate where private wells may still be in use. Six (6) locations were surveyed and confirmed that the area to the south and east of the Site was municipally serviced for potable water. This was confirmed by the presence of fire hydrants along Oakside Drive, Apple Tree Crescent and Maple Brook Drive. Existing water wells were observed on the lands to the west and north.

As part of this hydrogeological addendum to address comments by the LSRCA, the well survey was expanded to 500 m from the Site. A total of thirty-seven (37) well survey letters were mailed to local homes to confirm the water use of these locations. GHD has received one (1) response at the time of writing this addendum. The response was from the resident of 32 North Street, located approximately 190 m south of the Site. The resident confirmed that they use a private drilled well for drinking water and have not experienced any issues with the well in terms of quality or quantity. They were unable to provide a well tag number. The resident also confirmed that they are privately serviced for sanitary services with their own septic tank and bed. No other responses to the well survey were received at the time of preparing this report.

4.2 Subsurface Conditions

The following subsections present the information generated from the test pits advanced on the Site, infiltration testing and updated water levels.

4.2.1 Test Pits

Test pits were advanced to supplement the boreholes drilled and documented in the Report. A total of six (6) test pits were excavated on December 3, 2024 in the locations shown on **Figure 2**. UTM coordinates and ground surface elevations for each test pit were obtained by GHD during the subsurface exploration activities. The location of each test hole is referenced to UTM Zone 17N and ground elevations are based upon measurements obtained using EOS Arrow Gold Plus connected to the RTK network. The following table presents a summary of investigated depths, surface elevations, and UTM coordinates for the test hole locations:

Table 2 Summary of Advanced Test Pits

Test Pit ID	Location – UTM Coordinates System		Test Pit Depth (mbgs)	Ground Elevation (m)
	Northing	Easting		
TP-1	4886505	6469223	3.1	281.40
TP-2	4886497	6469401	4.0	278.48
TP-3	4886637	6469424	4.0	276.00
TP-4	4886646	6469623	1.8	269.41
TP-5	4886423	6469157	2.3	285.73
TP-6	4886547	6469504	2.1	274.88

It should be noted that the provided coordinates and elevations are approximate and should not be used for construction purposes. The ground elevations are provided for the purpose of this report only and, if needed, should be confirmed by a licensed surveyor

A summary of the grain size analyses (hydrometers) conducted on two (2) representative samples from the test pits is presented in the following table:

Table 3 Grain Size Distribution Summary

Location	Depth (m)	Grain Size Distribution				Observed Soil Unit
		%Gravel	%Sand	%Silt	%Clay-sized	
TP-1, GS-1	0.3 – 0.6	0	23	65	12	Sandy Silt
TP-6, GS-2	2.1 – 2.4	0	12	73	15	Silt Till
Notes: Soil description based on Unified Soil Classification System (ASTM D 2487) Clay-sized indicates soil particles <2 µm						

The soils encountered during the test pit program were consistent with the soil conditions previously encountered, as documented in the Report. The investigation encountered surficial topsoil layer underlain by a layer of silty sand / sandy silt followed by a deposit of glacial till. The topsoil ranged in thickness between approximately 76 mm and 305 mm.

4.2.2 Groundwater Data

Groundwater levels were collected from the existing monitoring wells on March 10, 2021 (documented in the Report), May 22, 2024 and December 3, 2024.

Table 4 Groundwater Levels and Elevations

Test Hole ID	Groundwater Accumulation / Seepage*		Water Levels					
			Date: March 10, 2021		Date: May 22, 2024		Date: December 3, 2024	
	Depth (mbgs)	Elevation (m)	Water Level (mbgs)	GW Elev (m)	Water Level (mbgs)	GW Elev (m)	Water Level (mbgs)	GW Elev (m)
BH-1	2.3	279.4	1.50	280.1	0.57	281.1	1.56	280.1
BH-2	3.0	275.4	3.30	275.1	2.39	276.0	3.61	274.8
BH-3	4.6	271.4	Dry to 272.2 m		3.58	272.3	3.65	272.3
BH-4	0.1	269.6	0.90	268.7	0.87	268.7	1.23	268.3
TP-1	2.9	278.5	No monitoring wells installed within the test pits.					
TP-2	Dry to 274.5 m							
TP-3	Dry to 272.0 m							
TP-4	1.2	268.2						
TP-5	Dry to 283.4 m							
TP-6	Dry to 272.8 m							

Notes:
(*) Groundwater accumulation noted in open borehole upon completion of drilling or seepage depth observed in test pits

4.2.3 Infiltration Testing Data

To address comments by the LSRCA, in-situ infiltration testing was completed on the unsaturated underlying soil to update the estimated values documented in the Report. The in-situ constant head permeameter tests were conducted on December 3, 2024 at test pits TP-1, TP-2, TP-4, TP-5, and TP-6 locations to evaluate the infiltration capacity of the shallow vadose (i.e. unsaturated) zone. The ground was not frozen at the depths tested and bedrock was not encountered in the test pits.

The testing was conducted at the approximate proposed depths of the LID features provided to GHD. The proposed depths of the bottom of the LIDs ranged from about 0.3 to 2 mbgs at the test pit locations. A second test was targeted approximately 1 to 1.5 m below the bottom of the proposed LID. In-situ infiltration and design rates are provided in **Table 5**.

Table 5 Infiltration Testing Results

Infiltration Location	Test ID	Depth of Test (mbgs / masl)	Soil Material Tested	Estimated K_{fs} (m/sec)	Estimated Infiltration Rate (mm/hour)	Estimated Design Infiltration Rate (mm/hr)
TP-1	INF-1	0.3 / 281.1	Silty Sand	2.1×10^{-6}	~56	~16
	INF-2	1.5 / 279.9	Silty Sand Till	1.1×10^{-6}	~48	
TP-2	INF-3	2.0 / 276.5	Silty Sand Till	2.1×10^{-6}	~56	~23
	INF-4	3.1 / 275.4	Silty Sand Till	2.1×10^{-6}	~56	
TP-4	INF-5	0.3 / 269.1	Silty Sand	2.1×10^{-6}	~56	Design rate not provided.
	INF-6	1.6 / 267.8	No infiltration due to groundwater infiltration at 1.2 mbgs.			

Infiltration Location	Test ID	Depth of Test (mbgs / masl)	Soil Material Tested	Estimated K_{fs} (m/sec)	Estimated Infiltration Rate (mm/hour)	Estimated Design Infiltration Rate (mm/hr)
TP-5	INF-7	0.9 / 284.8	Silty Sand Till	$5.3x10^{-7}$	~39	~16
	INF-8	2.3 / 283.4	Silty Sand Till	$1.1x10^{-6}$	~48	
TP-6	INF-9	1.0 / 273.9	Clayey Silt Till	$5.3x10^{-7}$	~39	~16
	INF-10	2.1 / 272.8	Clayey Silt Till	$1.1x10^{-6}$	~48	

Based upon the infiltration testing results, the in-situ infiltration rate is on the order of 39 to 56 mm/hour. Due to groundwater seepage into the test pit, INF-6 could not be completed. It is noted, however, that slight variations in the soil stratigraphy may cause variations in the permeability of the soil in both vertical and horizontal orientations.

4.2.4 Updated Water Balance Results

Based upon the updated concept plan provided to GHD, the following sections provide the results of the pre-development and post-development calculations for the proposed residential development and included catchments.

4.2.4.1 Pre-Development Water Balance

The pre-development water balance incorporated the existing soils, slope and ground cover areas. The infiltration factor for the area was calculated from the table of values presented in the "Land Development Guidelines" (MOEE, 1995). It is based on three sub-factors which are:

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

The slope of the Site was considered to be an intermediate value (0.15) between "rolling" (slope of 2.8 to 3.8 m per km) to "hilly" (average slope of 28 to 47 m per km). The soil factor was assigned a value of 0.2 based upon the soils encountered at the Site. The land cover factor considered forested, agricultural, naturalized, lawn, a gravel driveway and rooftop areas. The following table summarizes the expected pre-development water balance values for the Site.

Table 6 Pre-Development Summary

Description	Value
Total Precipitation (Udora):	886.2 mm/year
Regional Evapotranspiration:	571.8 mm/year
Recharge Available:	314.4 mm/year
Site Area: -Catchment 100 -Catchment 101	135,750 m^2 -6,200 m^2 -129,550 m^2
Pervious Areas	135,320 m^2 (99.7%)
Impervious Areas	430 m^2 (0.3%)
Total Water Surplus -Percent of Precipitation – 35.7%	42,977 m^3/yr
Evapotranspiration -Percent of Precipitation – 64.3%	77,325 m^3/yr
Total Estimated Infiltration -Percent of Precipitation – 16.8%	20,187 m^3/yr

Description	Value
-Catchment 100 -Catchment 101	877 m^3/yr 19,310 m^3/yr
Total Estimated Runoff -Percent of Precipitation – 18.9%	20,187 m^3/yr

Based upon these values, the Site infiltrates on the order of 20,187 m^3 per year (~150 mm/year). Further, the pre-development catchments 100 and 101 infiltrate an estimated 877 m^3 per year and 19,310 m^3 per year, respectively. The infiltration volume of these pre-development catchments is to be maintained.

4.2.4.2 Post-Development Water Balance (No Enhancements)

The computation of the water budget was repeated for the proposed development assuming no mitigation techniques, that is, runoff from impervious surfaces is unrecoverable and not infiltrated into the ground. The anticipated impact of the development is related to increased runoff from imperious surfaces such as building rooftops and asphalt surfaces. These are assumed to be impervious surfaces with zero infiltration capacity in this model. In this model, it is recognized that there is overlap of the post-development catchments 201, 202 and 203 with the pre-development catchments 100 and 101. These are identified in the detailed calculations provided in **Appendix E.3**.

Several assumptions were made to develop the post-development water balance. These assumptions include:

– Asphalt has 0% infiltration capacity
– Evaporation from impervious surfaces assumed to be 20% of precipitation
– Low density single lots
  - Assumed rooftops cover 60% of the lot
  - Assumed driveways cover 15% of the lot
  - Assumed lawns cover 25% of the lot
– Medium density townhouse lots
  - Assumed rooftops cover 60% of the lot
  - Assumed driveways cover 10% of the lot
  - Assumed lawns cover 25% of the lot

The areas of catchments 100 and 101 were maintained by estimating these areas within the new post-development catchments. Based upon our review, catchment 202 was noted to have a number of low density single lots that were partially within catchment 201 and 202, with the rear of the rooftops and rear yards estimated to be within catchment 202. A summary of the computations is provided in **Table 7**.

Table 7 Post-Development Summary (No Enhancements)

Description / Parameter	Value
Site Area	135,750 m^2
Pervious Areas -Lawn / Grass -Open Space / EP	35,966 m^2 (26.5% of the Site area) -19,086 m^2 -16,880 m^2
Impervious Areas -Rooftops -Asphalt roadways and driveways -Stormwater pond	99,784 m^2 (73.5% of the Site area) -45,590 m^2 -46,254 m^2 -7,940 m^2
Total Water Surplus	82,049 m^3/yr

Description / Parameter	Value
-Percent of Precipitation – 68.2%	
Evapotranspiration -Percent of Precipitation – 31.8%	38,252 m^3/yr
Total Estimated Infiltration -Percent of Precipitation – 5.1% Infiltration % Difference (pre- vs post-)	6,171 m^3/yr (-69%) (decrease)
Catchment 100 Estimated Infiltration Infiltration % Difference (pre- vs post-)	249 m^3/yr (-72%) (decrease)
Catchment 101 Estimated Infiltration Infiltration % Difference (pre- vs post-)	5,923 m^3/yr (-69%) (decrease)
Total Estimated Runoff -Percent of Precipitation – 63.1% Runoff % Difference (pre- vs post-)	75,878 m^3/yr (233%) (increase)

Under this scenario, impervious surfaces increased by about 73%; the total infiltration volume decreased by about 70% and runoff volume increased by over 230%.

4.2.4.3 Post Development Water Balance (Enhanced Infiltration)

The post-construction water budget computations were repeated considering enhanced infiltration options which are also known as LID technologies. This water balance provides generic infiltration and runoff values that was completed solely for demonstration purposes to illustrate that pre-development conditions can be maintained and support the identified catchments. Specific LID design criteria and selection of actual LID technologies will be the responsibility of the stormwater engineer for the development. These technologies include and are not restricted to rainwater harvesting, downspout disconnection, soakaway pits, infiltration trenches, vegetated filter strips, bioretention, permeable pavement, enhanced grass swales, dry swales and perforated pipe systems in order to balance the water budget.

The post-development water balance was modelled to show that stormwater from building roof tops can be directed via downspouts (disconnected from storm sewers in this example) to sodded areas or undeveloped areas (open spaces, parks etc.) for infiltration. Downspout disconnection and soakaway pits can reduce runoff by 25% to 50% and 85%, respectively, as outlined within LID documentation developed by the Credit Valley Conservation and Toronto and Region Conservation Authority.

In our model, GHD assumed the following LIDs:

– Rooftop runoff for low density single lot within catchment 100 and post-development 201, was directed to sodded areas / lawn via downspout disconnection assuming an infiltration factor of 25%
– Rooftop runoff for low density single lots within catchment 100 and within post-development 201 and front rooftops within catchment 202, was directed to soakaway pits assuming an infiltration factor of 85%
– Rooftop runoff for medium density townhouses within catchment 100 and within post-development 201, was assumed to not be infiltrated
– Rooftop runoff for the rear rooftop of the low density single lots within catchment 101 and within post-development 202 was directed to sodded areas / lawn via downspout disconnection assuming an infiltration factor of 25%

Stormwater runoff from road surfaces and driveways is assumed to be lost and not infiltrated. As noted above, this is a generic water balance to illustrate that there is sufficient surplus water to be infiltrated to match pre-development values; the actual LIDs selected will be at the discretion of the stormwater design team.

A summary of the post-construction water budget with mitigation measures for infiltration is presented in the following table:

Table 8 Post-Development Summary with Enhanced Infiltration – Downspout Disconnection and Soakaway Pits

Description / Parameter	Value
Site Area	135,750 m^2
Rooftop Stormwater Surplus Available Low Density Single Lot rooftops Medium Density Townhouse rooftops	32,322 m^3/yr 24,110 m^3/yr 8,212 m^3/yr
Infiltration via Pervious Surfaces (grass, EP etc.)	6,171 m^3/yr
Downspout Disconnection Infiltration	981 m^3/yr
Soakaway Pit Infiltration	17,157 m^3/yr
Total Estimated Infiltration using LIDs -Percent of Precipitation – 20.2% Infiltration % Difference (pre- vs post-)	24,309 m^3/yr (20%) (increase)
Catchment 100 Estimated Infiltration using LIDs Infiltration % Difference (pre- vs post-)	1,011 m^3/yr (15%) (increase)
Catchment 101 Estimated Infiltration using LIDs Infiltration % Difference (pre- vs post-)	23,299 m^3/yr (21%) (increase)
Total Estimated Runoff -Percent of Precipitation – 48.0% Runoff % Difference (pre- vs post-)	52,082 m^3/yr (153%) (increase)

Based upon the data modelled, the overall infiltration values are shown to exceed the pre-development values including catchments 100 and 101 are maintained. The calculations illustrate that there is sufficient stormwater available that, if it can be infiltrated, will meet the pre-development values.

5. Discussion and Recommendations

The following discussions and recommendations are governed by the physical properties of the subsurface materials that were encountered at the Site and assume that they are representative of the overall Site conditions.

5.1 Hydrostratigraphic Units

Based upon information obtained from this investigation, the following surficial materials and geologic deposits underlie the Site. Bedrock was not encountered within the investigation conducted by GHD.

- **Surficial Soil** – Topsoil
- **Native Deposit** – Silty Sand / Sandy Silt – generally expected to be dry. May have seasonal water.
- **Native Deposit** – Glacial Till (Clayey Silt / Silt / Silty Sand) – generally an aquitard. May have sands seams within the till, expected to produce minimal groundwater volumes.

It should be noted that the subsurface conditions are only confirmed at the test pit locations and may vary between and beyond the test pit locations. The boundaries between the various strata, as shown on the test pit logs are based on non-continuous sampling. These boundaries represent an inferred transition between the various strata, rather

than precise planes of geological change. Cross-sections of the test holes are provided on **Figures 3** and **4**. The cross-section alignments are provided on **Figure 2**. The cross-sections confirm the topsoil, silty sand and till layers.

5.2 Groundwater

Based on the water level data collected and the surrounding topography, the groundwater flow is confirmed to be towards the east and toward Uxbridge Brook. There is expected to be some localized flow towards a tributary of Uxbridge Creek located to the south / southeast of the Site. The groundwater flow direction is provided on **Figure 5**. It is noted that groundwater levels are transient and tend to fluctuate with the seasons, periods of precipitation and temperature.

Based on the measured water levels within the monitoring wells and water seepage observations within adjacent test pits, the water levels are seasonally influenced potentiometric levels and do not represent a groundwater table as shallow as the water levels are indicating. For example, on December 3, 2024, the test pit at TP-1 was excavated in close proximity of the monitoring well constructed at BH-1. The monitoring well indicated a water level of 280.1 m (the well is effectively screened from about 278.8 to 277.1 m). The test pit encountered groundwater seepage at an elevation of 278.5 m; a depth of 1.6 m below what was measured in this monitoring well at this location; however, the seepage would be captured by the well screen.

The water level measurement at BH-4 was more consistent with the observed groundwater seepage elevation within test pit TP-4. No groundwater seepage was observed in test pits TP-2 or TP-3 which were excavated to approximate elevations of 274.5 and 272.0 masl, respectively.

Long-term groundwater monitoring to assess seasonal fluctuations is currently occurring at each of the wells utilizing continuously reading data loggers. The monitoring will be conducted for one (1) year to capture seasonal trends.

5.3 Infiltration

Based on the Low Impact Development Stormwater Management Planning and Design Guide, the infiltration rate used to design the infiltration facility must incorporate a safety correction factor that compensates for potential reductions in soil permeability due to compaction or smearing during construction, gradual accumulation of fine sediments over the lifespan of the infiltration facility and uncertainty in measured values when less permeable horizons exist within 1.5 m below the bottom of the infiltration facility (whatever that may be). The results outlined in **Table 5** incorporate a safety correction factor resulting in infiltration values ranging from about 16 to 23 mm/hr.

If LIDs are to be constructed in the area of TP-4, the LID would need to consider shallow groundwater and maintain a minimum depth of one (1) m above the groundwater.

LIDs can be applied to any soil type; however, it is recommended that more permeable zones are targeted and that infiltration locations be kept away from private lands. LIDs require maintenance and long-term care. If possible, naturally occurring infiltration strategies such as roof water discharged via downspouts to sodded lawns with adequate topsoil depth and maximized flow path distances are recommended.

5.4 Source Water Protection Considerations

Where proposed developments are being planned, it is important to determine the presence of SGRAs, HVAs, WHPAs etc. These areas are protected under the Clean Water Act (2006).

The investigation completed by GHD and documented within this addendum indicates that the subsurface soils consist of a silty sand / sandy silt that is underlain by a glacial till that exhibits a relatively low hydraulic conductivity. Therefore, deeper vertical groundwater migration to underlying aquifer complexes from this Site is expected to be minimal. Lateral migration of groundwater is likely the predominant flow mechanism to support features such as the tributary to the south of the Site. It will be important to maintain pre-development infiltration with clean stormwater inputs based upon the SGRAs and HVAs within the Site.

As the Site is situated generally within a WHPA Q1/Q2 area, it indicates that activities that take water without returning it to the same source may be a threat (Q1) and activities that reduce recharge may be a threat (Q2). Activities that take water would include construction dewatering or other groundwater pumping and should groundwater dewatering be required it be returned to the ground for re-infiltration. Pumping or dewatering activities may also require appropriate permitting from the MECP and dewatering discharge would also need to meet Provincial Water Quality Objectives (PWQOs) and re-introduced to the environment as there are no storm sewers in the immediate area. Activities that reduce recharge include urbanization of the Site into a subdivision, and as such LIDs will be needed to minimize impacts and maintain pre-development infiltration values.

The proposed residential development for the Site should consider the reduction of potential infiltration of contaminants to the shallow soils using best management practices. Clean stormwater from rooftops would not be a concern for infiltration. However, runoff from other sources should be evaluated and may require pre-treatment. For example, runoff from asphalt should consider the use of an oil-grit separator or the reduction of the use of de-icing salts.

5.5 Water Balance Evaluation

Based upon the post-development water balance calculations without the consideration of LIDs, the pre-development infiltration will not be met including the post-development infiltration needed to support pre-development catchments 100 and 101. Groundwater base flow would be expected to decrease over time in this scenario and additional stormwater will need to be managed. However, recharge via infiltration through the underlying till to the lower aquifer from the Site is expected to be minor.

The infiltration values were modelled to show that pre-development infiltration can be maintained utilizing LID strategies that included downspout disconnection and soakaway pits. LIDs were not applied to the medium density townhouse blocks. The model suggests that there is sufficient stormwater surplus to support and match infiltration via LIDs and the pre-development catchment infiltration can be maintained, thus there is no impacted expected to any local water wells or surface water features. Infiltration of stormwater is also critical to get water into the ground where thermal impacts are minimized (i.e. infiltrating water where it can keep cool and support baseflow to the tributary to the south).

As per the water balance, runoff has increased as compared with the pre-development conditions and will need to be managed as per a storm water management plan

It is expected that recharge via infiltration through the till to the deeper aquifers is a minor component and impacts to the groundwater aquifer are expected to be insignificant. It is our professional opinion that there would be minimal impact to the local groundwater regime and minimal impact to the downgradient surface water regime from a quantity perspective.

6. Conclusions

Supporting data upon which our conclusions are based have been presented in the foregoing sections of this report. Contractors bidding on or undertaking any work at the Site should examine the factual results of the investigation, satisfy themselves as to the adequacy of the information for construction, and make their own interpretation of this factual data as it affects their proposed construction techniques, equipment capabilities, costs, sequencing, and the like. Comments, techniques, or recommendations pertaining to construction should not be construed as instructions to the contractor.

The proposed development area is generally comprised of topsoil underlain by a thin layer of silty sand / sandy silt and then native glacial till. From our groundwater measurements from the well installed, the water level elevations range from 268.3 m to 281.1 m based upon three (3) monitoring events. Groundwater seepage was observed within two (2) of six (6) test pits only and groundwater accumulation within the open test pits were groundwater was encountered

was observed to be minimal. Long-term groundwater monitoring is on-going within the four (4) monitoring wells on the Site. Infiltration design rates ranged from about 16 to 23 mm/hr within the locations tested.

It is our professional opinion that the Site is suitable for the proposed residential development and there is low potential for groundwater impact as a result of developing the Site provided that good construction and mitigation techniques are used. LIDs will be required to ensure that pre-development infiltration is maintained.

It is GHD's professional opinion that there is not expected to be a significant impact to the shallow groundwater baseflow that may be supplying baseflow to the tributary to the south and ultimately to Uxbridge Brook provided good construction techniques are followed. Water quality concerns related to human activities such as salting of paved areas, minor fuel and oil leaks, fertilizer application, etc., could result in minor impacts to neighbouring surface water bodies. Runoff from the development will be collected by an internal storm sewer system. Further details will be provided within the stormwater management report.

There will not be significant constraints for the proposed residential development from the seasonal variations of groundwater as any seepage water should be handled with appropriate engineering techniques. It is expected that groundwater will generally be below the depth of the future development, although seepage may be encountered in deeper excavations or foundations. If short-term pumping of groundwater at volumes greater than 50,000 L/day and less than 400,000L/day is required during the construction stage, the EASR must be completed.

In summary, the proposed residential development is suitable from both a hydrogeologic and geotechnical perspective.

The following Statement of Limitations should be read carefully and is an integral part of this report. Should any questions arise regarding any aspect of our report, please contact our office.

Sincerely,

Kathleen Goodman, B.A.Sc.
Environmental Technician

Robert Neck, P. Geo (Limited)
Senior Geoscientist, Project Director

7. Statement of Limitations

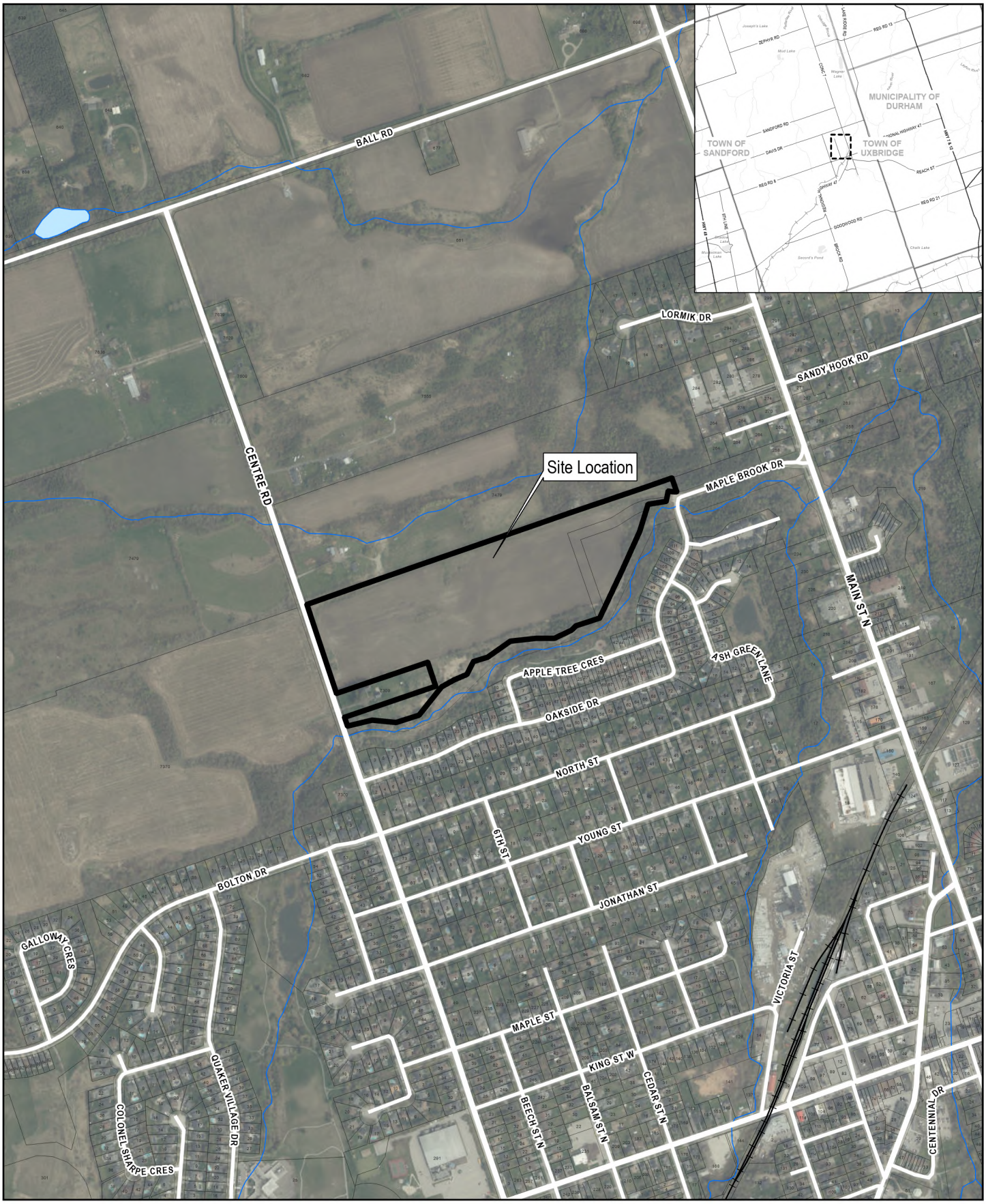
This report is intended solely for Mason Homes (Uxbridge) Limited in assessing the geotechnical and hydrogeologic aspects of land located along the east side of Centre Road approximately 200 m north of Oakside Drive in Uxbridge, Ontario and is prohibited for use by others without GHD's prior written consent. This report is considered GHD's professional work product and shall remain the sole property of GHD. Any unauthorized reuse, redistribution of or reliance on the report shall be at the Client and recipient's sole risk, without liability to GHD. Client shall defend, indemnify and hold GHD harmless from any liability arising from or related to Client's unauthorized distribution of the report. No portion of this report may be used as a separate entity; it is to be read in its entirety and shall include all supporting drawings and appendices.

The recommendations made in this report are in accordance with our present understanding of the project, the current site use, ground surface elevations and conditions, and are based on the work scope approved by the Client and described in the report. The services were performed in a manner consistent with that level of care and skill ordinarily exercised by members of the hydrogeological profession currently practicing under similar conditions in the same locality. No other representations, and no warranties or representations of any kind, either expressed or implied, are made. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties.

All details of design and construction are rarely known at the time of completion of a hydrogeological study. The recommendations and comments made in the study report are based on our subsurface investigation and resulting understanding of the project, as defined at the time of the study. We should be retained to review our recommendations when the drawings and specifications are complete. Without this review, GHD will not be liable for any misunderstanding of our recommendations or their application and adaptation into the final design.

It is important to emphasize that a soil investigation is, in fact, a random sampling of a site and the comments included in this report are based on the results obtained at the test hole locations only. The subsurface conditions confirmed at the test hole locations may vary at other locations. The subsurface conditions can also be significantly modified by the construction activities on site (ex. excavation, dewatering and drainage, blasting, pile driving, etc.). These conditions can also be modified by exposure of soils or bedrock to humidity, dry periods or frost. Soil and groundwater conditions between and beyond the test locations may differ both horizontally and vertically from those encountered at the test locations and conditions may become apparent during construction which could not be detected or anticipated at the time of our assessment. Should any conditions at the site be encountered which differ from those found at the test locations, we request that we be notified immediately in order to permit a reassessment of our recommendations. If changed conditions are identified during construction, no matter how minor, the recommendations in this report shall be considered invalid until sufficient review and written assessment of said conditions by GHD is completed.

Figures



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Metres

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Grid: NAD 1983 UTM Zone 17N

N

GHD

Mason Homes (Uxbridge) Limited
7309 Centre Road, Uxbridge, Ontario
Municipality of Durham

Hydrogeological Assessment Update

Site Location Plan

Project No. 12641133
Revision No.
Date Jan 31, 2025

Figure 1

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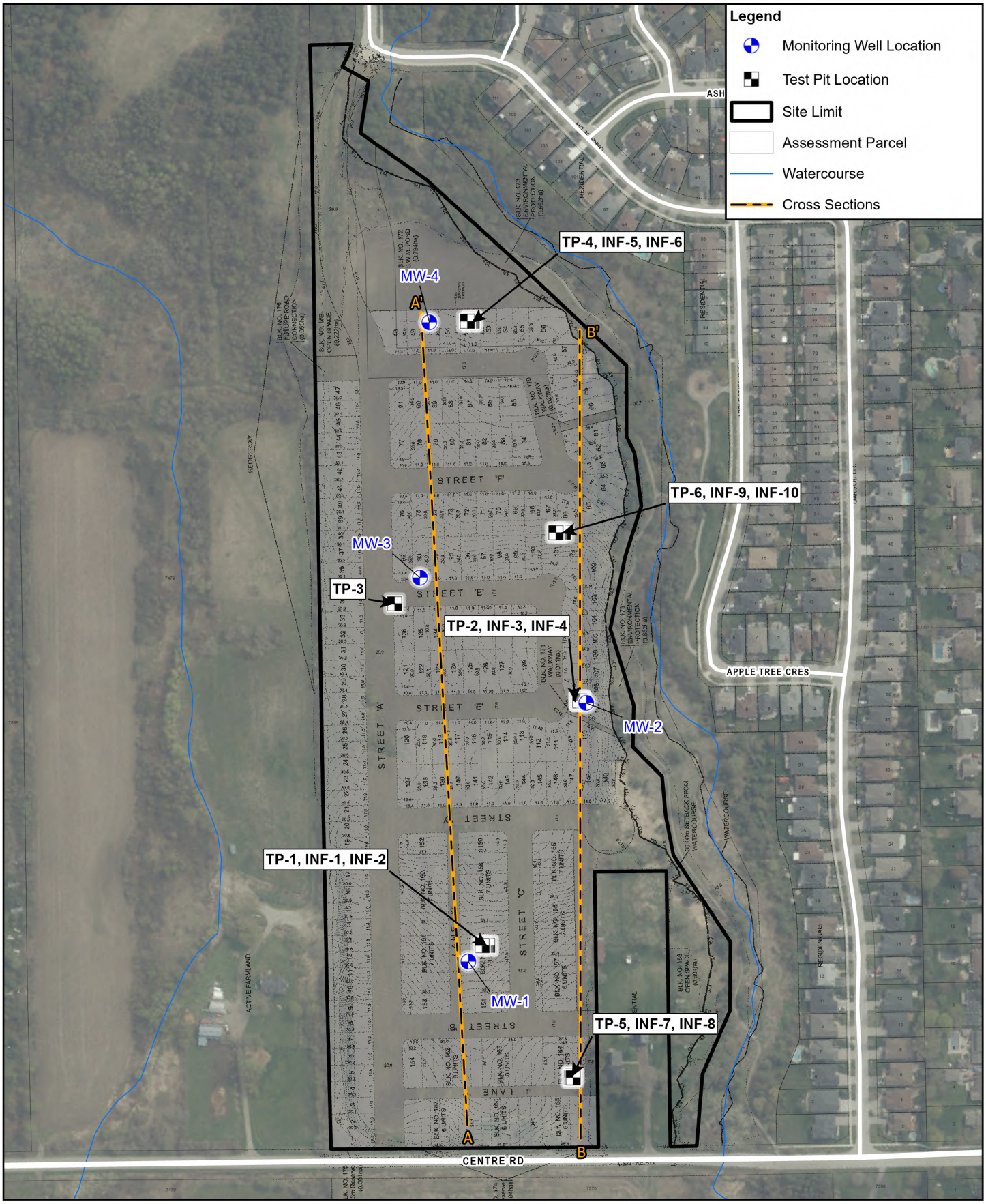

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Metres

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Grid: NAD 1983 UTM Zone 17N

N

GHD

Mason Homes (Uxbridge) Limited
7309 Centre Road, Uxbridge, Ontario
Municipality of Durham

Hydrogeological Assessment Update

Test Hole Plan

Project No. 12641133
Revision No.
Date Jan 31, 2025

Figure 2

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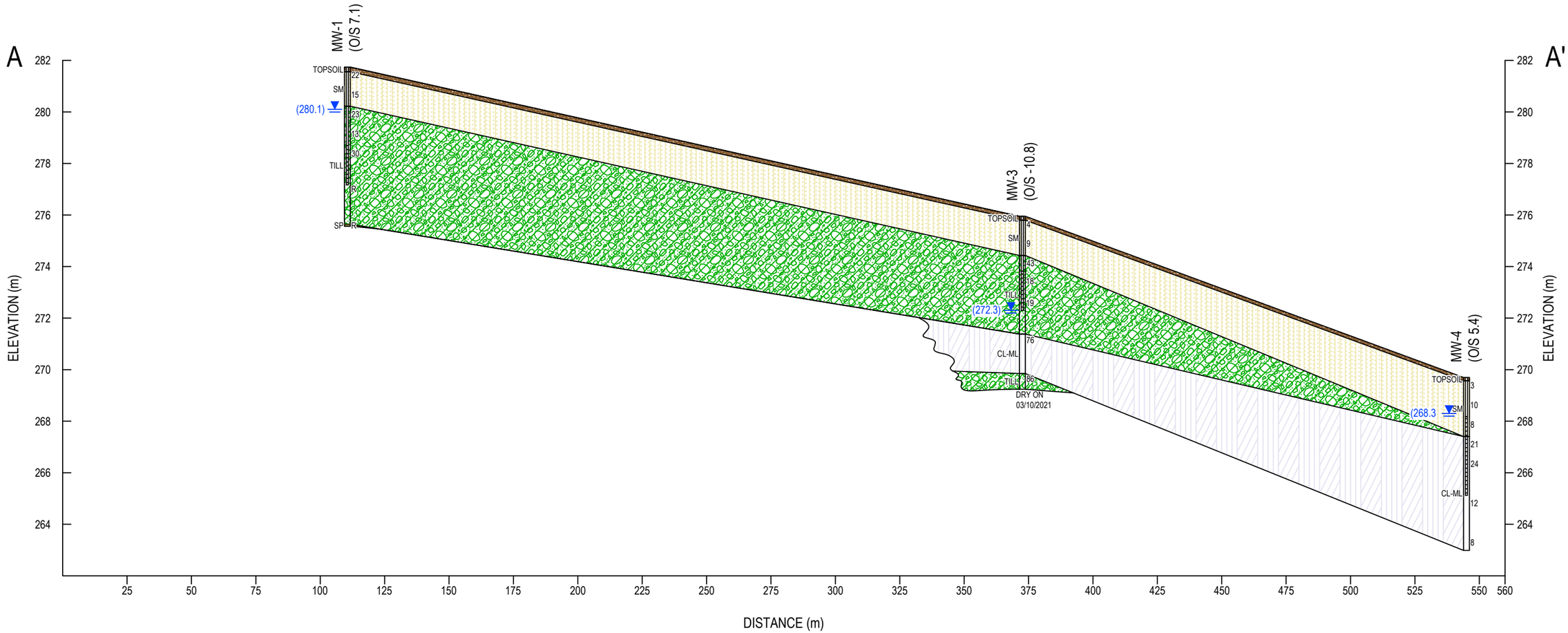

LEGEND

MW-1 (O/S 7.1) — O/S = OFFSET FROM CROSS SECTION (METER)
+ UP CHAINAGE
- DOWN CHAINAGE

BOREHOLE/WELL LABEL

N — 'N' SPT VALUES

19 — BOREHOLE STRATA SYMBOL

WATER LEVEL IN MONITORING WELL ON DECEMBER 3, 2024

SCREEN IN MONITORING WELL

- TOPSOIL
- SM-SILTY SAND
- SP-SAND
- CL-ML-CLAYEY SILT
- TILL-SILTY SAND

HORIZONTAL
1:1600
0 16 32 48
0 1.6 3.2 4.8
VERTICAL
1:160

GHD

MASON HOMES (UXBRIDGE) LIMITED
7309 CENTRE ROAD, UXBRIDGE, ON
HYDROGEOLOGICAL ASSESSMENT UPDATE

CROSS SECTION A-A'

Project No. **12641133**
Date **January 2025**

FIGURE 3

Filename: \\ghdnet\ghd\CA\Peterborough\Projects\662\12641133\Digital_Design\ACAD\Figures\RPT001\12641133-GHD-00-00-RPT-EN-D101_WA-001.dwg
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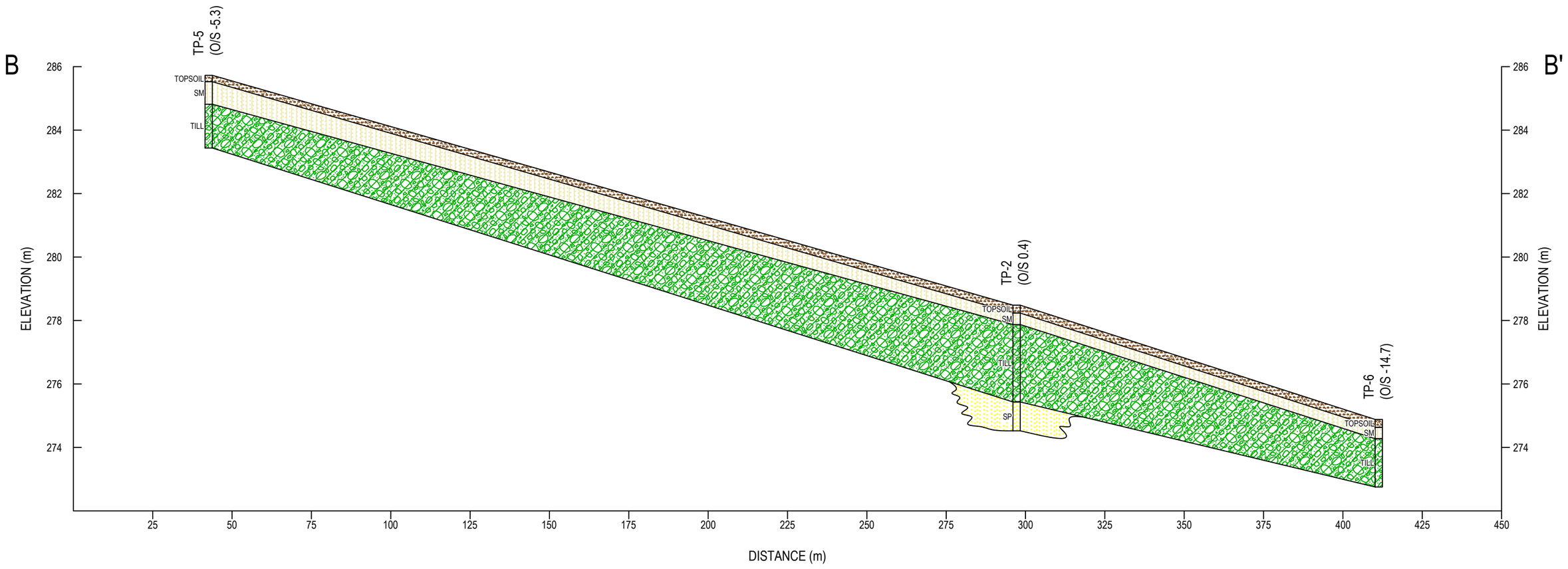

LEGEND

TP-5 (O/S -5.3) ← O/S = OFFSET FROM CROSS SECTION (METER)
+ UP CHAINAGE
- DOWN CHAINAGE
← TEST PIT LABEL

← TEST PIT STRATA SYMBOL

- TOPSOIL
- SM-SILTY SAND
- SP-SAND
- TILL-SILTY SAND

HORIZONTAL
1:1250
0 12.5 25 37.5
0 1.2 2.5 3.7
VERTICAL
1:125

GHD

MASON HOMES (UXBRIDGE) LIMITED
7309 CENTRE ROAD, UXBRIDGE, ON
HYDROGEOLOGICAL ASSESSMENT UPDATE

CROSS SECTION B-B'

Project No. **12641133**
Date **January 2025**

FIGURE 4

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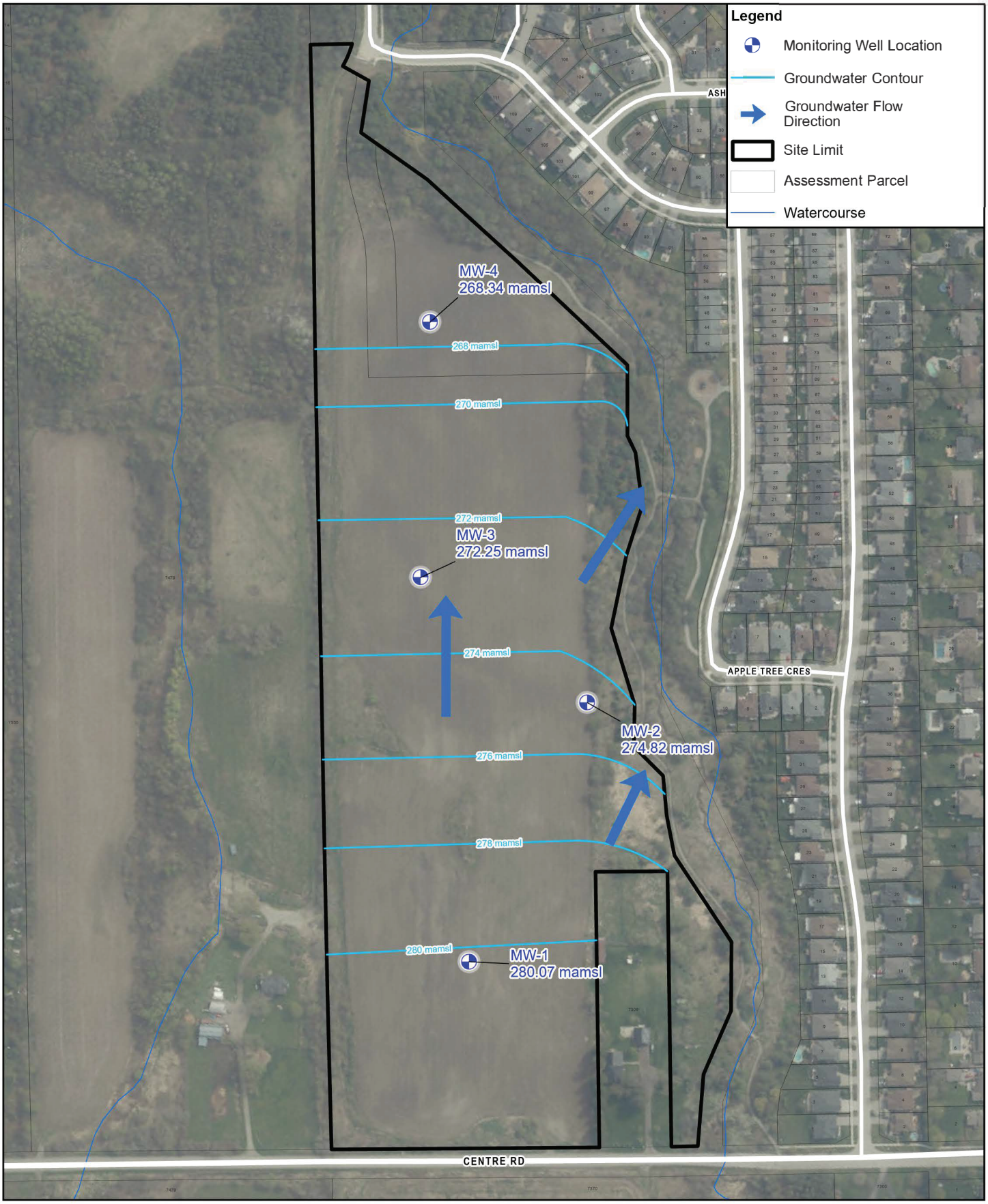

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Metres

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Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

Mason Homes (Uxbridge) Limited
7309 Centre Road, Uxbridge, Ontario
Municipality of Durham

Hydrogeological Assessment Update

Groundwater Elevations

Project No. 12641133
Revision No.
Date Jan 31, 2025

Figure 5

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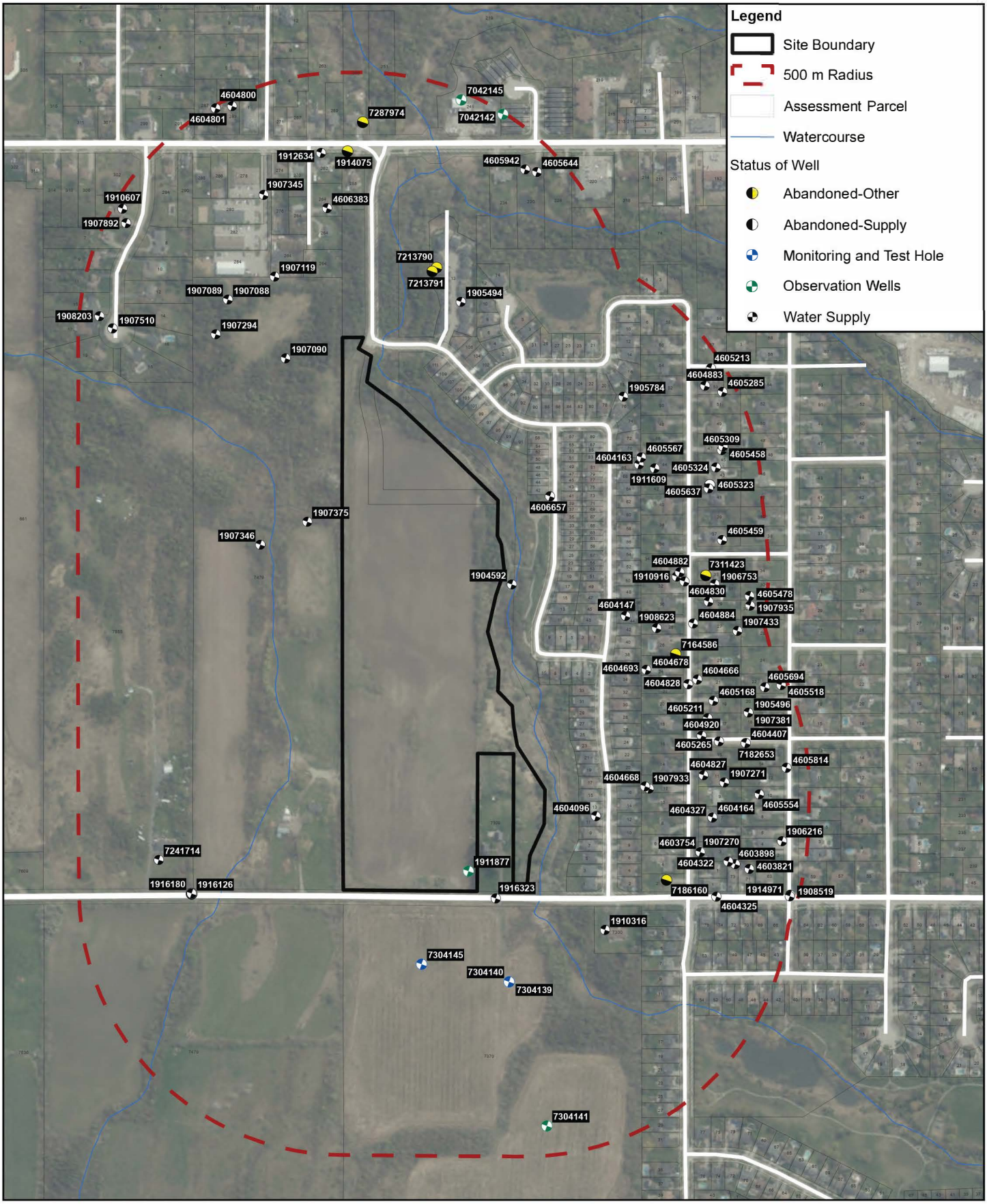
Appendices

Appendix A

MECP Well Records – Updated



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Metres

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Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

N

GHD

Mason Homes (Uxbridge) Limited
7309 Centre Road, Uxbridge, Ontario
Municipality of Durham

Project No. 12641133
Revision No.
Date Jan 31, 2025

Hydrogeological Assessment Update

MECP Well Records

Appendix A

MECP WELL RECORD LISTINGS

Ministry of the Environment, Conservation & Parks (MECP)

17

Easting:	649524.90
Northing:	4886483.00
Elev (masl):	270.51

Latitude: 44.116257
Longitude: -79.131356

Well ID: 1904592

LOCATION

Lot:	n/a	**Tag:**	
Con:	n/a	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	1413
Township:	UXBRIDGE TOWN	**Well Completion Date:**	04-29-1977
Street:		**Received Date:**	05-10-1977
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	18.5928
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Rotary (Convent.)	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10622108
Pump Set (m):	n/a	**Pump Test ID**	991904592
SWL (ft)	21	**Flowing:**	N
Final Level:	35 ft	**Pump Duration (hr):**	2
Pump Rate:	10 GPM	**Pump Duration (m):**	0
Recom. Rate:	6 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930131212	6	inch	STEEL	n/a	57 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	FILL	n/a	BLUE	0	6 ft
2	SAND	CLAY	SOFT	BROWN	6	18 ft
3	CLAY	STONES	HARD	GREY	18	34 ft
4	CLAY	BOULDERS	HARD	GREY	34	48 ft
5	SAND	GRAVEL	LOOSE	BROWN	48	61 ft

End of Record

17

Easting:	649864.90
Northing:	4886673.00
Elev (masl):	265.56

Latitude: 44.117897
Longitude: -79.127055

Well ID: 1905494

LOCATION

Lot:	033	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	4743
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	08-13-1979
Street:		**Received Date:**	09-25-1979
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	17.6784
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Cable Tool	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10622902
Pump Set (m):	n/a	**Pump Test ID**	991905494
SWL (ft)	3	**Flowing:**	N
Final Level:	25 ft	**Pump Duration (hr):**	2
Pump Rate:	20 GPM	**Pump Duration (m):**	0
Recom. Rate:	15 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930132057	6	inch	STEEL	n/a	55 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	n/a	BROWN	0	19 ft
2	CLAY	SOFT	n/a	BLUE	19	45 ft
3	CLAY	GRAVEL	LAYERED	GREY	45	54 ft
4	GRAVEL	CLEAN	n/a	GREY	54	58 ft

End of Record

17

Easting:	649464.90
Northing:	4886123.00
Elev (masl):	286.76

Latitude: 44.11303
Longitude: -79.132207

Well ID: 1905496

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 08-17-1979
Received Date: 09-13-1979

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 38.1
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 40
Final Level: 50 ft
Pump Rate: 12 GPM
Recom. Rate: 7 GPM

Pipe ID: 10622904
Pump Test ID 991905496
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930132059	5	inch	STEEL	n/a	125 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	HARD	BROWN	0	18 ft
2	CLAY	STONES	HARD	GREY	18	42 ft
3	GRAVEL	LOOSE	n/a	GREY	42	50 ft
4	CLAY	STONES	HARD	GREY	50	97 ft
5	FINE SAND	n/a	n/a	GREY	97	110 ft
6	CLAY	STONES	n/a	GREY	110	122 ft
7	GRAVEL	CLEAN	n/a	BROWN	122	125 ft

End of Record

17

Easting:	649814.90
Northing:	4886423.00
Elev (masl):	270.85

Latitude: 44.115657
Longitude: -79.127751

Well ID: 1905784

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 06-27-1980
Received Date: 07-03-1980

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 24.6888
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10623166
Pump Set (m):	n/a	**Pump Test ID**	991905784
SWL (ft)	23	**Flowing:**	N
Final Level:	40 ft	**Pump Duration (hr):**	1
Pump Rate:	12 GPM	**Pump Duration (m):**	0
Recom. Rate:	5 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930132333	6	inch	STEEL	n/a	77 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	n/a	n/a	BROWN	0	9 ft
2	CLAY	SAND	n/a	YELLOW	9	19 ft
3	CLAY	STONES	PACKED	BLUE	19	65 ft
4	CLAY	GRAVEL	LAYERED	GREY	65	74 ft
5	SAND	GRAVEL	CLAY	BROWN	74	78 ft
6	FINE SAND	n/a	n/a	BROWN	78	81 ft

End of Record

17

Easting:	649314.90
Northing:	4886023.00
Elev (masl):	290.25

Latitude: 44.11216
Longitude: -79.134109

Well ID: **1906216**

LOCATION

Lot:	n/a	**Tag:**	
Con:	n/a	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	5459
Township:	UXBRIDGE TOWN	**Well Completion Date:**	08-26-1981
Street:		**Received Date:**	12-14-1981
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	42.672
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Rotary (Convent.)	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10623567
Pump Set (m):	n/a	**Pump Test ID**	991906216
SWL (ft)	55	**Flowing:**	N
Final Level:	117 ft	**Pump Duration (hr):**	4
Pump Rate:	10 GPM	**Pump Duration (m):**	0
Recom. Rate:	7 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930132770	6	inch	STEEL	n/a	117 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SAND	n/a	BROWN	0	12 ft
2	CLAY	SILT	n/a	BLUE	12	24 ft
3	SAND	STONES	n/a	BROWN	24	31 ft
4	CLAY	STONES	n/a	BLUE	31	68 ft
5	CLAY	STONES	n/a	WHITE	68	72 ft
6	CLAY	STONES	SILT	BLUE	72	81 ft
7	CLAY	SILT	n/a	BLUE	81	89 ft
8	SAND	SILT	DIRTY	GREY	89	99 ft
9	CLAY	STONES	n/a	BLUE	99	102 ft
10	SILT	SAND	n/a	GREY	102	116 ft
11	SAND	STONES	CLEAN	GREY	116	126 ft
12	CLAY	STONES	n/a	WHITE	126	140 ft

End of Record

17		
	Easting:	649614.90
	Northing:	4886223.00
	Elev (masl):	276.44

Latitude: 44.113899
Longitude: -79.130305

Well ID: 1906753

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 10-17-1983
Received Date: 11-08-1983

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 22.5552
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLOUDY
Pump Set (m): n/a
SWL (ft) 25
Final Level: 55 ft
Pump Rate: 5 GPM
Recom. Rate: 3 GPM

Pipe ID: 10623994
Pump Test ID 991906753
Flowing: N
Pump Duration (hr): 3
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133222	5	inch	STEEL	n/a	70 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	DENSE	n/a	BROWN	0	45 ft
2	CLAY	STONES	HARD	GREY	45	68 ft
3	SAND	STONES	CEMENTED	GREY	68	74 ft

End of Record

17		
	Easting:	649764.90
	Northing:	4886973.00
	Elev (masl):	270.82

Latitude: 44.120617
Longitude: -79.128219

Well ID: 1907088

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 06-18-1984
Received Date: 10-05-1984

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 15.5448
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 9
Final Level: 32 ft
Pump Rate: 10 GPM
Recom. Rate: 7 GPM

Pipe ID: 10624299
Pump Test ID 991907088
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133543	6	inch	STEEL	n/a	48 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SANDY	n/a	BROWN	0	16 ft
2	CLAY	STONES	n/a	BLUE	16	41 ft
3	SAND	CLAY	LAYERED	GREY	41	48 ft

4	COARSE SAND	n/a	n/a	GREY	48	51	ft

End of Record

17

Easting:	649764.90
Northing:	4886973.00
Elev (masl):	270.82

Latitude: 44.120617
Longitude: -79.128219

Well ID: 1907089

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 06-06-1984
Received Date: 10-05-1984

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 16.4592
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 10
Final Level: 30 ft
Pump Rate: 12 GPM
Recom. Rate: 8 GPM

Pipe ID: 10624300
Pump Test ID 991907089
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133544	6	inch	STEEL	n/a	51 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SAND	LAYERED	BROWN	0	18 ft
2	CLAY	STONES	n/a	BLUE	18	45 ft
3	SAND	CLAY	LAYERED	GREY	45	50 ft
4	COARSE SAND	n/a	n/a	GREY	50	54 ft

End of Record

17

Easting:	649714.90
Northing:	4886873.00
Elev (masl):	269.60

Latitude: 44.119727
Longitude: -79.128872

Well ID: 1907090

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 09-19-1984
Received Date: 10-05-1984

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 15.24
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 11
Final Level: 28 ft
Pump Rate: 10 GPM
Recom. Rate: 7 GPM

Pipe ID: 10624301
Pump Test ID 991907090
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133545	6	inch	STEEL	n/a	47 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

1	CLAY	SANDY	n/a	BROWN	0	18	ft
2	CLAY	STONES	n/a	BLUE	18	46	ft
3	SAND	GRAVEL	n/a	GREY	46	50	ft

End of Record

17

Easting:	649814.90
Northing:	4886923.00
Elev (masl):	270.40

Latitude: 44.120157
Longitude: -79.127608

Well ID: 1907119

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 11-13-1984
Received Date: 11-19-1984

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 17.6784
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 22
Final Level: 30 ft
Pump Rate: 20 GPM
Recom. Rate: 8 GPM

Pipe ID: 10624330
Pump Test ID 991907119
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133575	6	inch	STEEL	n/a	55 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SANDY	n/a	YELLOW	0	5 ft
2	SAND	LOOSE	n/a	BROWN	5	13 ft
3	CLAY	n/a	n/a	BROWN	13	19 ft
4	CLAY	SOFT	n/a	BLUE	19	35 ft
5	CLAY	GRAVEL	LAYERED	BLUE	35	51 ft
6	SAND	GRAVEL	CLEAN	BROWN	51	58 ft

End of Record

17

Easting:	649264.90
Northing:	4886123.00
Elev (masl):	285.10

Latitude: 44.11307
Longitude: -79.134705

Well ID: 1907270

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 06-28-1984
Received Date: 04-09-1985

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 31.3944
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) n/a
Final Level: 96 ft
Pump Rate: 11 GPM
Recom. Rate: 5 GPM

Pipe ID: 10624479
Pump Test ID 991907270
Flowing: N
Pump Duration (hr): 5
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133738	6	inch	STEEL	n/a	96 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SAND	n/a	BROWN	0	26 ft
2	SAND	STONES	n/a	BROWN	26	28 ft
3	CLAY	STONES	n/a	WHITE	28	75 ft
4	CLAY	STONES	n/a	GREY	75	77 ft
5	CLAY	SANDY	n/a	GREY	77	93 ft
6	SAND	STONES	n/a	GREY	93	103 ft

End of Record

17

Easting:	649364.90
Northing:	4886123.00
Elev (masl):	286.54

Latitude: 44.11305
Longitude: -79.133456

Well ID: 1907271

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 11-16-1984
Received Date: 04-09-1985

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 38.1
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) n/a
Final Level: 121 ft
Pump Rate: 12 GPM
Recom. Rate: 10 GPM

Pipe ID: 10624480
Pump Test ID 991907271
Flowing: N
Pump Duration (hr): 3
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133739	6	inch	STEEL	n/a	121 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SANDY	n/a	BROWN	0	5 ft
2	SAND	STONES	n/a	BROWN	5	9 ft
3	CLAY	STONES	n/a	BROWN	9	47 ft
4	CLAY	STONES	n/a	BLUE	47	77 ft
5	CLAY	STONES	n/a	WHITE	77	91 ft
6	SAND	SILT	n/a	BROWN	91	107 ft
7	CLAY	STONES	SAND	WHITE	107	125 ft

End of Record

17

Easting:	649714.90
Northing:	4886973.00
Elev (masl):	270.26

Latitude: 44.120627
Longitude: -79.128843

Well ID: 1907294

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 04-10-1985
Received Date: 05-24-1985

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 15.8496
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10624503
Pump Set (m):	n/a	**Pump Test ID**	991907294
SWL (ft)	12	**Flowing:**	N
Final Level:	30 ft	**Pump Duration (hr):**	2
Pump Rate:	10 GPM	**Pump Duration (m):**	0
Recom. Rate:	8 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133762	6	inch	STEEL	n/a	49 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	BLACK	0	2 ft
2	SAND	CLAY	SOFT	BROWN	2	12 ft
3	CLAY	SOFT	n/a	BLUE	12	49 ft
4	SAND	n/a	n/a	GREY	49	52 ft

End of Record

17

Easting:	649914.90
Northing:	4886973.00
Elev (masl):	268.02

Latitude: 44.120586
Longitude: -79.126345

Well ID: 1907345

LOCATION

Lot:	034	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	4743
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	06-04-1985
Street:		**Received Date:**	07-05-1985
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	15.24
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Cable Tool	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10624553
Pump Set (m):	n/a	**Pump Test ID**	991907345
SWL (ft)	11	**Flowing:**	N
Final Level:	30 ft	**Pump Duration (hr):**	2
Pump Rate:	10 GPM	**Pump Duration (m):**	15
Recom. Rate:	8 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133817	6	inch	STEEL	n/a	47 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SANDY	LOOSE	BROWN	0	24 ft
2	GRAVEL	CLAY	LAYERED	GREY	24	45 ft
3	SAND	CLEAN	n/a	BROWN	45	50 ft

End of Record

17

Easting:	649464.90
Northing:	4886823.00
Elev (masl):	270.66

Latitude: 44.119328
Longitude: -79.132009

Well ID: 1907346

LOCATION

Lot:	034	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	4743
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	05-31-1985
Street:		**Received Date:**	07-05-1985
City:	n/a		

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 14.3256
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 9
Final Level: 30 ft
Pump Rate: 8 GPM
Recom. Rate: 7 GPM

Pipe ID: 10624554
Pump Test ID 991907346
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133818	6	inch	STEEL	n/a	44 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SANDY	LOOSE	BROWN	0	18 ft
2	CLAY	SOFT	n/a	BLUE	18	44 ft
3	SAND	CLEAN	n/a	BROWN	44	47 ft

End of Record

17

Easting:	649514.90
Northing:	4886773.00
Elev (masl):	270.37

Latitude: 44.118868
Longitude: -79.131398

Well ID: 1907375

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 07-31-1985
Received Date: 08-28-1985

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 20.1168
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 21
Final Level: 45 ft
Pump Rate: 10 GPM
Recom. Rate: 8 GPM

Pipe ID: 10624583
Pump Test ID 991907375
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133846	6	inch	STEEL	n/a	63 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	BLACK	0	1 ft
2	CLAY	SANDY	LOOSE	BROWN	1	21 ft
3	CLAY	SOFT	n/a	BLUE	21	55 ft
4	SAND	CLAY	DIRTY	BROWN	55	62 ft
5	SAND	CLEAN	n/a	BROWN	62	66 ft

End of Record

17

Easting:	649464.90
Northing:	4886123.00
Elev (masl):	286.76

Latitude: 44.11303
Longitude: -79.132207

Well ID: 1907381

ION

Lot: 032
Con:

Tag:
Audit No:

LOCATION

Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Contractor License: 1413
Well Completion Date: 07-03-1985
Received Date: 08-12-1985

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 15.24
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 12
Final Level: 35 ft
Pump Rate: 5 GPM
Recom. Rate: 5 GPM

Pipe ID: 10624589
Pump Test ID 991907381
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133852	5	inch	STEEL	n/a	46 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	GRAVEL	CLAY	BOULDERS	BROWN	0	40 ft
2	CLAY	SOFT	n/a	GREY	40	42 ft
3	CLAY	STONES	HARD	GREY	42	45 ft
4	SAND	LOOSE	n/a	RED	45	50 ft

End of Record

17

Easting:	649564.90
Northing:	4886173.00
Elev (masl):	279.71

Latitude: 44.113459
Longitude: -79.130944

Well ID: **1907433**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 08-28-1985
Received Date: 09-10-1985

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 26.2128
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLOUDY
Pump Set (m): n/a
SWL (ft) 20
Final Level: 60 ft
Pump Rate: 6 GPM
Recom. Rate: 6 GPM

Pipe ID: 10624640
Pump Test ID 991907433
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133908	5	inch	STEEL	n/a	82 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SAND	SOFT	BROWN	0	18 ft
2	GRAVEL	SAND	SILT	GREY	18	20 ft
3	SAND	CLAY	SILT	GREY	20	80 ft
4	SAND	GRAVEL	SILT	GREY	80	86 ft

End of Record

n/a

Easting:	<null>
Northing:	<null>

Latitude: 44.12185
Longitude: -79.129278

Well ID: **1907510**

n/a | **Elev (masl):** | 268.61

LOCATION

Lot:	034	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	1413
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	10-28-1985
Street:		**Received Date:**	11-08-1985
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	16.4592
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Rotary (Convent.)	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10624716
Pump Set (m):	n/a	**Pump Test ID**	991907510
SWL (ft)	12	**Flowing:**	N
Final Level:	36 ft	**Pump Duration (hr):**	2
Pump Rate:	5 GPM	**Pump Duration (m):**	30
Recom. Rate:	5 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930133992	5	inch	STEEL	n/a	50 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	FILL	n/a	BROWN	0	6 ft
2	TOPSOIL	WOOD FRAGMENTS	FILL	BLACK	6	7 ft
3	CLAY	SAND	SILT	BROWN	7	14 ft
4	CLAY	SOFT	n/a	GREY	14	22 ft
5	CLAY	SILT	SOFT	GREY	22	44 ft
6	FINE SAND	SILT	LOOSE	RED	44	50 ft
7	SAND	COARSE-GRAINED	LOOSE	RED	50	54 ft

End of Record

17

Easting:	649817.90
Northing:	4887137.00
Elev (masl):	269.69

Latitude: 44.122082
Longitude: -79.12751

Well ID: **1907892**

LOCATION

Lot:	034	**Tag:**	
Con:	06	**Audit No:**	NA
Municipality:	DURHAM	**Contractor License:**	1413
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	08-18-1986
Street:		**Received Date:**	09-12-1986
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	18.288
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Rotary (Convent.)	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10625096
Pump Set (m):	n/a	**Pump Test ID**	991907892
SWL (ft)	15	**Flowing:**	N
Final Level:	40 ft	**Pump Duration (hr):**	1
Pump Rate:	10 GPM	**Pump Duration (m):**	30
Recom. Rate:	10 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930134386	5	inch	STEEL	n/a	51 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

1	SAND	SILT	n/a	BROWN	0	3	ft
2	CLAY	SOFT	n/a	BROWN	3	18	ft
3	GRAVEL	SILT	LOOSE	BROWN	18	51	ft
4	SAND	SILT	LOOSE	GREY	51	60	ft

End of Record

17

Easting:	649323.90
Northing:	4886217.00
Elev (masl):	283.03

Latitude: 44.113904
Longitude: -79.133942

Well ID: 1907933

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: NA
Contractor License: 1413
Well Completion Date: 09-23-1986
Received Date: 10-09-1986

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 27.432
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 25
Final Level: 60 ft
Pump Rate: 12 GPM
Recom. Rate: 12 GPM

Pipe ID: 10625137
Pump Test ID 991907933
Flowing: N
Pump Duration (hr): 3
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930134425	5	inch	STEEL	n/a	86 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	CLAY	PACKED	BROWN	0	22 ft
2	SAND	CLAY	PACKED	GREY	22	54 ft
3	CLAY	DENSE	n/a	GREY	54	85 ft
4	GRAVEL	SILT	LOOSE	GREY	85	90 ft

End of Record

17

Easting:	649602.90
Northing:	4886168.00
Elev (masl):	278.18

Latitude: 44.113406
Longitude: -79.130471

Well ID: 1907935

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: NA
Contractor License: 1413
Well Completion Date: 09-18-1986
Received Date: 10-09-1986

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 25.6032
Depth to Bedrock (m): 72
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 20
Final Level: 40 ft
Pump Rate: 12 GPM
Recom. Rate: 12 GPM

Pipe ID: 10625139
Pump Test ID 991907935
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930134427	5	inch	STEEL	n/a	84 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	FILL	n/a	BROWN	0	2 ft
2	CLAY	SOFT	n/a	BROWN	2	16 ft
3	GRAVEL	SILT	LAYERED	BROWN	16	50 ft
4	BOULDERS	HARD	n/a	BLACK	50	53 ft
5	CLAY	DENSE	n/a	GREY	53	70 ft
6	CLAY	SILT	HARD	GREY	70	72 ft
7	GRAVEL	SAND	LIMESTONE	GREY	72	84 ft

End of Record

17

Easting:	649686.90
Northing:	4887130.00
Elev (masl):	267.98

Latitude: 44.122046
Longitude: -79.129149

Well ID: 1908203

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: NA
Contractor License: 3136
Well Completion Date: 03-10-1987
Received Date: 04-14-1987

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 12.8016
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 12
Final Level: 30 ft
Pump Rate: 18 GPM
Recom. Rate: 18 GPM

Pipe ID: 10625407
Pump Test ID 991908203
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930134706	6	inch	STEEL	n/a	42 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	BROWN	0	1 ft
2	SAND	CLAY	SOFT	BROWN	1	7 ft
3	CLAY	STONES	SOFT	GREY	7	36 ft
4	GRAVEL	STONES	n/a	GREY	36	42 ft

End of Record

17

Easting:	649249.90
Northing:	4885989.00
Elev (masl):	290.87

Latitude: 44.111868
Longitude: -79.134931

Well ID: 1908519

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 13616
Contractor License: 1413
Well Completion Date: 07-08-1987
Received Date: 08-13-1987

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 24.9936
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

MP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 20
Final Level: 35

Pipe ID: 10625722
Pump Test ID 991908519
Flowing: N
Pump Duration (hr): 1

PUMP

Pump Rate: 12 GPM
Recom. Rate: 8 GPM

Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930135018	6	inch	STEEL	n/a	78 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	HARD	n/a	BROWN	0	11 ft
2	CLAY	STONES	HARD	BROWN	11	40 ft
3	CLAY	STONES	HARD	WHITE	40	74 ft
4	SAND	CEMENTED	n/a	BLACK	74	82 ft

End of Record

17

Easting:	649532.90
Northing:	4886278.00
Elev (masl):	281.01

Latitude: 44.11441
Longitude: -79.131314

Well ID: 1908623

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 13694
Contractor License: 1413
Well Completion Date: 09-21-1987
Received Date: 10-15-1987

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 25.6032
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 40
Final Level: 50 ft
Pump Rate: 12 GPM
Recom. Rate: 10 GPM

Pipe ID: 10625823
Pump Test ID 991908623
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930135129	5	inch	STEEL	n/a	80 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	SOFT	BROWN	0	40 ft
2	CLAY	BOULDERS	HARD	GREY	40	70 ft
3	SAND	GRAVEL	CEMENTED	RED	70	84 ft

End of Record

17

Easting:	649122.90
Northing:	4886211.00
Elev (masl):	285.15

Latitude: 44.113891
Longitude: -79.136454

Well ID: 1910316

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 70848
Contractor License: 1413
Well Completion Date: 11-29-1989
Received Date: 12-08-1989

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 31.6992
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 15
Final Level: 90 ft
Pump Rate: 7 GPM
Recom. Rate: 6 GPM

Pipe ID: 10627512
Pump Test ID 991910316
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930136836	6	inch	STEEL	n/a	101 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SAND	LOOSE	BROWN	0	21 ft
2	CLAY	HARD	n/a	GREY	21	80 ft
3	SAND	SILT	CEMENTED	GREY	80	98 ft
4	SAND	GRAVEL	PACKED	GREY	98	104 ft

End of Record

---

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	270.00

Latitude: 44.122177
Longitude: -79.127293

Well ID: **1910607**

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 74795
Contractor License: 1673
Well Completion Date: 04-16-1990
Received Date: 06-19-1990

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 20.1168
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 27
Final Level: 39 ft
Pump Rate: 14 GPM
Recom. Rate: 10 GPM

Pipe ID: 10627801
Pump Test ID 991910607
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930137127	6	inch	STEEL	n/a	66 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	n/a	0	2 ft
2	SAND	GRAVEL	BOULDERS	n/a	2	31 ft
3	SILT	n/a	n/a	n/a	31	43 ft
4	FINE SAND	n/a	n/a	n/a	43	61 ft
5	SAND	GRAVEL	n/a	n/a	61	66 ft

End of Record

17

Easting:	649607.90
Northing:	4886275.00
Elev (masl):	275.02

Latitude: 44.114368
Longitude: -79.130378

Well ID: **1910916**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 91640
Contractor License: 1413
Well Completion Date: 11-06-1990
Received Date: 12-10-1990

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 22.5552
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 24
Final Level: 46 ft
Pump Rate: 25 GPM
Recom. Rate: 10 GPM

Pipe ID: 10628109
Pump Test ID 991910916
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930137444	6	inch	STEEL	n/a	69 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	PACKED	BROWN	0	14 ft
2	GRAVEL	SAND	COARSE SAND	BROWN	14	49 ft
3	CLAY	STONES	PACKED	GREY	49	56 ft
4	SAND	GRAVEL	CLEAN	BROWN	56	74 ft

End of Record

17

Easting:	649736.90
Northing:	4886351.00
Elev (masl):	272.83

Latitude: 44.115026
Longitude: -79.128745

Well ID: **1911609**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 116137
Contractor License: 5459
Well Completion Date: 07-28-1992
Received Date: 10-13-1992

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 18.8976
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 25
Final Level: 50 ft
Pump Rate: 20 GPM
Recom. Rate: 15 GPM

Pipe ID: 10628802
Pump Test ID 991911609
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930138194	6	inch	STEEL	n/a	56 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	n/a	0	2 ft
2	CLAY	SANDY	n/a	BROWN	2	18 ft
3	CLAY	SAND	GRAVEL	BROWN	18	51 ft
4	SAND	GRAVEL	n/a	BROWN	51	62 ft

End of Record

---

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	285.65

Latitude: 44.115697
Longitude: -79.136209

Well ID: **1911877**

LOCATION

Lot: 033
Con: 06
Municipality:

Tag:
Audit No: 133578
Contractor License: 4738

LOCATION

Township: DURHAM UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Well Completion Date: 09-03-1993
Received Date: 02-01-1994

WELL

Well Status: Observation Wells
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 26.2128
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 27
Final Level: 81 ft
Pump Rate: 8 GPM
Recom. Rate: 8 GPM

Pipe ID: 10629069
Pump Test ID 991911877
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930138489	6	inch	STEEL	n/a	83 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SAND	n/a	BROWN	0	20 ft
2	CLAY	STONES	MEDIUM-GRAINED	GREY	20	58 ft
3	SAND	LOOSE	n/a	GREY	58	60 ft
4	CLAY	STONES	n/a	GREY	60	83 ft
5	GRAVEL	SAND	LOOSE	GREY	83	86 ft

End of Record

---

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	262.58

Latitude: 44.120075
Longitude: -79.125373

Well ID: **1912634**

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 141630
Contractor License: 5459
Well Completion Date:
Received Date: 11-03-1995

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 15.24
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 6
Final Level: 30 ft
Pump Rate: 20 GPM
Recom. Rate: 20 GPM

Pipe ID: 10629823
Pump Test ID 991912634
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930139257	6	inch	STEEL	n/a	47 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	BLACK	0	2 ft
2	CLAY	STONEY	n/a	BROWN	2	12 ft
3	CLAY	SILTY	SOFT	GREY	12	29 ft
4	SAND	GRAVEL	PACKED	BROWN	29	40 ft
5	SAND	GRAVEL	LOOSE	GREY	40	50 ft

End of Record

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	260.86

Latitude: 44.119775
Longitude: -79.125207

Well ID: 1914075

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 195477
Contractor License: 5459
Well Completion Date: 06-03-1999
Received Date: 06-11-1999

WELL

Well Status: Abandoned-Other
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Not Known

Well Depth (m): 0
Depth to Bedrock (m): n/a
Depth to Water:
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	649247.70
Northing:	4885989.00
Elev (masl):	290.87

Latitude: 44.111868
Longitude: -79.134958

Well ID: 1914971

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 227366
Contractor License: 1663
Well Completion Date: 01-26-2000
Received Date: 02-16-2001

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 35.9664
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 37
Final Level: 59 ft
Pump Rate: 10 GPM
Recom. Rate: 10 GPM

Pipe ID: 10632130
Pump Test ID 991914971
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930141562	6	inch	STEEL	n/a	n/a ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	BLACK	0	1 ft
2	SAND	GRAVEL	n/a	BROWN	1	15 ft
3	SAND	n/a	n/a	BROWN	15	41 ft

4	SAND	GRAVEL	CLAY	GREY	41	60	ft
6	CLAY	SILT	n/a	BLUE	65	93	ft
7	MEDIUM SAND	n/a	n/a	GREY	93	106	ft
8	CLAY	SILT	n/a	BLUE	106	109	ft
9	CLAY	GRAVEL	n/a	GREY	109	118	ft

End of Record

17

Easting:	648987.20
Northing:	4886757.00
Elev (masl):	288.99

Latitude: 44.118832
Longitude: -79.137995

Well ID: **1916126**

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 248700
Contractor License: 5459
Well Completion Date: 09-25-2002
Received Date: 10-10-2002

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 79.248
Depth to Bedrock (m): 172
Depth to Water: ft
Water Kind: Not stated

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 0
Final Level: 210 ft
Pump Rate: 6 GPM
Recom. Rate: 6 GPM

Pipe ID: 11079234
Pump Test ID 991916126
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth	
1	930142582	6	inch	STEEL	n/a	n/a	ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	648987.20
Northing:	4886757.00
Elev (masl):	288.99

Latitude: 44.118832
Longitude: -79.137995

Well ID: **1916180**

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 248699
Contractor License: 5459
Well Completion Date: 09-18-2002
Received Date: 11-29-2002

WELL

Well Status: Abandoned-Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Not Known

Well Depth (m): 0
Depth to Bedrock (m): n/a
Depth to Water:
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	649115.00
Northing:	4886365.00
Elev (masl):	285.71

Latitude: 44.115279
Longitude: -79.136509

Well ID: 1916323

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No: 252359
Contractor License: 2662
Well Completion Date: 11-12-2002
Received Date: 02-19-2003

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 23.7744
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: Not stated

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 2
Final Level: 20 ft
Pump Rate: 15 GPM
Recom. Rate: 10 GPM

Pipe ID: 11086464
Pump Test ID 991916323
Flowing: N
Pump Duration (hr): 4
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930142763	6	inch	STEEL	n/a	74 ft
2	930142764	6	inch	OPEN HOLE	n/a	78 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	647219.80
Northing:	4865273.00
Elev (masl):	285.10

Latitude: 44.11307
Longitude: -79.134705

Well ID: 4603754

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 3519
Well Completion Date: 10-15-1968
Received Date: 02-21-1969

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 24.384
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 10
Final Level: 60 ft
Pump Rate: 10 GPM
Recom. Rate: 10 GPM

Pipe ID: 10843675
Pump Test ID 994603754
Flowing: N
Pump Duration (hr): 6
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487299	4	inch	STEEL	n/a	76 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	643709.80
Northing:	4867171.00
Elev (masl):	288.85

Latitude: 44.11244
Longitude: -79.134725

Well ID: 4603821

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5420
Well Completion Date: 09-18-1968
Received Date: 11-20-1968

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 10.668
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 14
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: 4 GPM

Pipe ID: 10843741
Pump Test ID 994603821
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487367	34	inch	CONCRETE	n/a	35 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	645129.80
Northing:	4869160.00
Elev (masl):	287.86

Latitude: 44.11262
Longitude: -79.134719

Well ID: 4603898

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 08-29-1968
Received Date: 09-09-1968

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 25.2984
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft)

Pipe ID: 10843818
Pump Test ID 994603898
Flowing: N

PUMP

Final Level: 30 ft
Pump Rate: 7 GPM
Recom. Rate: 5 GPM

Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487453	5	inch	STEEL	n/a	83 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	637008.60
Northing:	4892951.00
Elev (masl):	280.40

Latitude: 44.11442
Longitude: -79.134663

Well ID: **4604096**

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5420
Well Completion Date: 03-29-1969
Received Date: 07-14-1969

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 7.62
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 5
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: 2 GPM

Pipe ID: 10844010
Pump Test ID 994604096
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487677	34	inch	CONCRETE	n/a	25 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	639283.70
Northing:	4882250.00
Elev (masl):	279.58

Latitude: 44.114815
Longitude: -79.131276

Well ID: **4604147**

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 08-14-1969
Received Date: 09-16-1969

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Reverse)

Well Depth (m): 23.1648
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10844059
Pump Set (m):	n/a	**Pump Test ID**	994604147
SWL (ft)	37	**Flowing:**	N
Final Level:	40 ft	**Pump Duration (hr):**	3
Pump Rate:	7 GPM	**Pump Duration (m):**	0
Recom. Rate:	5 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487728	5	inch	STEEL	n/a	76 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	630911.60
Northing:	4948364.00
Elev (masl):	272.70

Latitude: 44.115224
Longitude: -79.128764

Well ID: 4604163

LOCATION

Lot:	033	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	5420
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	08-20-1969
Street:		**Received Date:**	10-06-1969
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	17.0688
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Cable Tool	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10844075
Pump Set (m):	n/a	**Pump Test ID**	994604163
SWL (ft)	10	**Flowing:**	N
Final Level:	56 ft	**Pump Duration (hr):**	5
Pump Rate:	5 GPM	**Pump Duration (m):**	0
Recom. Rate:	5 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487746	5	inch	STEEL	n/a	52 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	631403.60
Northing:	4948376.00
Elev (masl):	285.16

Latitude: 44.11306
Longitude: -79.134081

Well ID: 4604164

LOCATION

Lot:	032	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	5420
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	08-13-1969
Street:		**Received Date:**	10-06-1969
City:	n/a		

ELL

Well Status:	Water Supply	**Well Depth (m):**	23.1648
Prim. Use:		**Depth to Bedrock (m):**	n/a

WE

Sec. Use: n/a
Boring Method: Cable Tool

Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 30
Final Level: 70 ft
Pump Rate: 6 GPM
Recom. Rate: 5 GPM

Pipe ID: 10844076
Pump Test ID 994604164
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487747	5	inch	STEEL	n/a	72 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	666055.00
Northing:	4877922.00
Elev (masl):	285.10

Latitude: 44.11307
Longitude: -79.134705

Well ID: **4604322**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5420
Well Completion Date: 09-10-1969
Received Date: 02-09-1970

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 34.4424
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 38
Final Level: 48 ft
Pump Rate: 10 GPM
Recom. Rate: 10 GPM

Pipe ID: 10844227
Pump Test ID 994604322
Flowing: N
Pump Duration (hr): 4
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487919	5	inch	STEEL	n/a	109 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	666575.00
Northing:	4878448.00
Elev (masl):	287.32

Latitude: 44.112721
Longitude: -79.135341

Well ID: **4604325**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5420
Well Completion Date: 02-09-1970
Received Date: 07-12-1970

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 7.9248
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 8
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: 2 GPM

Pipe ID: 10844230
Pump Test ID 994604325
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487922	34	inch	CONCRETE	n/a	26 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	666752.00
Northing:	4878236.00
Elev (masl):	285.16

Latitude: 44.11306
Longitude: -79.134081

Well ID: **4604327**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5420
Well Completion Date: 06-16-1969
Received Date: 02-09-1970

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 7.9248
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 16
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: 1 GPM

Pipe ID: 10844232
Pump Test ID 994604327
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487924	34	inch	CONCRETE	n/a	26 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	667913.00
Northing:	4879914.00
Elev (masl):	287.28

Latitude: 44.11271
Longitude: -79.134717

Well ID: **4604338**

TION

Lot: 032
Con: 06
Municipality:

Tag:
Audit No:
Contractor License: 5420

LOCA

Township: DURHAM UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Well Completion Date: 03-29-1969
Received Date: 02-09-1970

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 7.62
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 10
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: 1 GPM

Pipe ID: 10844243
Pump Test ID 994604338
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930487935	34	inch	CONCRETE	n/a	25 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	663404.90
Northing:	4883064.00
Elev (masl):	288.02

Latitude: 44.112948
Longitude: -79.13271

Well ID: **4604407**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 05-28-1970
Received Date: 06-10-1970

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 31.3944
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 36
Final Level: 60 ft
Pump Rate: 10 GPM
Recom. Rate: 6 GPM

Pipe ID: 10844311
Pump Test ID 994604407
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488012	5	inch	STEEL	n/a	99 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	645769.80
Northing:	4918823.00
Elev (masl):	285.54

Latitude: 44.113745
Longitude: -79.131935

Well ID: **4604666**

LOCATION

Lot:	032	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	5459
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	12-30-1970
Street:		**Received Date:**	03-02-1971
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	31.3944
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Cable Tool	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10844566
Pump Set (m):	n/a	**Pump Test ID**	994604666
SWL (ft)	35	**Flowing:**	N
Final Level:	95 ft	**Pump Duration (hr):**	10
Pump Rate:	4 GPM	**Pump Duration (m):**	0
Recom. Rate:	4 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488315	6	inch	STEEL	n/a	99 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	645764.80
Northing:	4918278.00
Elev (masl):	282.93

Latitude: 44.113958
Longitude: -79.133928

Well ID: **4604668**

LOCATION

Lot:	033	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	5459
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	10-22-1970
Street:		**Received Date:**	03-02-1971
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	27.1272
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Cable Tool	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10844568
Pump Set (m):	n/a	**Pump Test ID**	994604668
SWL (ft)	23	**Flowing:**	N
Final Level:	70 ft	**Pump Duration (hr):**	5
Pump Rate:	6 GPM	**Pump Duration (m):**	0
Recom. Rate:	6 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488318	6	inch	STEEL	n/a	85 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17		
	Easting:	649386.80
	Northing:	4922194.00
	Elev (masl):	284.80

Latitude: 44.114377
Longitude: -79.13204

Well ID: 4604678

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 12-15-1970
Received Date: 03-02-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 5.4864
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: n/a
Pump Set (m): n/a
SWL (ft) 3
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: 2 GPM

Pipe ID: 10844578
Pump Test ID 994604678
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488328	30	inch	CONCRETE	n/a	18 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17		
	Easting:	646164.70
	Northing:	4920903.00
	Elev (masl):	284.80

Latitude: 44.114377
Longitude: -79.13204

Well ID: 4604693

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 12-15-1970
Received Date: 03-02-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 6.4008
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 5
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: 2 GPM

Pipe ID: 10844593
Pump Test ID 994604693
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488343	30	inch	CONCRETE	n/a	21 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17		
	Easting:	645444.80
	Northing:	4874664.00
	Elev (masl):	263.19

Latitude: 44.121286
Longitude: -79.125073

Well ID: **4604800**

LOCATION

Lot: 034
Con: 07
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 08-18-1971
Received Date: 08-24-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 9.7536
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 2
Final Level: 9 ft
Pump Rate: 10 GPM
Recom. Rate: 5 GPM

Pipe ID: 10844697
Pump Test ID 994604800
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488458	5	inch	STEEL	n/a	32 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17		
	Easting:	643571.70
	Northing:	4874280.00
	Elev (masl):	263.37

Latitude: 44.121468
Longitude: -79.125192

Well ID: **4604801**

LOCATION

Lot: 034
Con: 07
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 08-17-1971
Received Date: 08-24-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 17.0688
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 0
Final Level: 15 ft
Pump Rate: 18 GPM
Recom. Rate: 5 GPM

Pipe ID: 10844698
Pump Test ID 994604801
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488459	5	inch	STEEL	n/a	52 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	644482.80
Northing:	4877609.00
Elev (masl):	285.06

Latitude: 44.11332
Longitude: -79.133448

Well ID: **4604827**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 06-14-1971
Received Date: 09-14-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 28.956
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 25
Final Level: 32 ft
Pump Rate: 8 GPM
Recom. Rate: 8 GPM

Pipe ID: 10844723
Pump Test ID 994604827
Flowing: N
Pump Duration (hr): 5
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488487	6	inch	STEEL	n/a	91 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	644319.80
Northing:	4878066.00
Elev (masl):	285.75

Latitude: 44.113837
Longitude: -79.132057

Well ID: **4604828**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 06-02-1971
Received Date: 09-14-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 32.9184
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 39
Final Level: 100 ft
Pump Rate: 5 GPM
Recom. Rate: 5 GPM

Pipe ID: 10844724
Pump Test ID 994604828
Flowing: N
Pump Duration (hr): 5
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488488	6	inch	STEEL	n/a	100 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	644379.80
Northing:	4877843.00
Elev (masl):	275.51

Latitude: 44.114261
Longitude: -79.130419

Well ID: 4604830

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5420
Well Completion Date: 05-04-1971
Received Date: 09-14-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 28.6512
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 30
Final Level: 90 ft
Pump Rate: 3 GPM
Recom. Rate: 3 GPM

Pipe ID: 10844726
Pump Test ID 994604830
Flowing: N
Pump Duration (hr): 4
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488490	6	inch	STEEL	n/a	90 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	644699.80
Northing:	4877157.00
Elev (masl):	275.06

Latitude: 44.114349
Longitude: -79.130291

Well ID: 4604882

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 09-24-1971
Received Date: 11-30-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 21.336
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 22
Final Level: 60 ft
Pump Rate: 9 GPM
Recom. Rate: 8 GPM

Pipe ID: 10844778
Pump Test ID 994604882
Flowing: N
Pump Duration (hr): 3
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488549	6	inch	STEEL	n/a	66 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	644694.80
Northing:	4877284.00
Elev (masl):	270.36

Latitude: 44.114747
Longitude: -79.127154

Well ID: 4604883

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 09-04-1971
Received Date: 11-30-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 16.764
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLOUDY
Pump Set (m): n/a
SWL (ft) 18
Final Level: 48 ft
Pump Rate: 8 GPM
Recom. Rate: 7 GPM

Pipe ID: 10844779
Pump Test ID 994604883
Flowing: N
Pump Duration (hr): 4
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488550	6	inch	STEEL	n/a	51 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	646476.90
Northing:	4877904.00
Elev (masl):	279.17

Latitude: 44.114001
Longitude: -79.131052

Well ID: 4604884

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 08-17-1971
Received Date: 11-30-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 32.004
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft)

Pipe ID: 10844780
Pump Test ID 994604884
Flowing: N

PUMP

Final Level: 360 ft
Pump Rate: 4 GPM
Recom. Rate: 4 GPM

Pump Duration (hr): 5
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488551	6	inch	<null>	n/a	97 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	649979.80
Northing:	4873675.00
Elev (masl):	286.77

Latitude: 44.11349
Longitude: -79.132818

Well ID: 4604920

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 07-05-1971
Received Date: 12-29-1971

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 32.004
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 37
Final Level: 92 ft
Pump Rate: 6 GPM
Recom. Rate: 5 GPM

Pipe ID: 10844814
Pump Test ID 994604920
Flowing: N
Pump Duration (hr): 3
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488589	6	inch	STEEL	n/a	97 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	650268.90
Northing:	4879644.00
Elev (masl):	286.20

Latitude: 44.113479
Longitude: -79.132193

Well ID: 4605168

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 04-20-1972
Received Date: 07-21-1972

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 32.3088
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10845060
Pump Set (m):	n/a	**Pump Test ID**	994605168
SWL (ft)	40	**Flowing:**	N
Final Level:	60 ft	**Pump Duration (hr):**	3
Pump Rate:	10 GPM	**Pump Duration (m):**	0
Recom. Rate:	10 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488895	6	inch	STEEL	n/a	102 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	649308.90
Northing:	4883520.00
Elev (masl):	286.79

Latitude: 44.113485
Longitude: -79.132505

Well ID: 4605211

LOCATION

Lot:	032	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	4743
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	08-18-1972
Street:		**Received Date:**	10-03-1972
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	32.3088
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Cable Tool	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10845102
Pump Set (m):	n/a	**Pump Test ID**	994605211
SWL (ft)	35	**Flowing:**	N
Final Level:	85 ft	**Pump Duration (hr):**	3
Pump Rate:	12 GPM	**Pump Duration (m):**	0
Recom. Rate:	8 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488947	6	inch	STEEL	n/a	101 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	649825.90
Northing:	4884585.00
Elev (masl):	269.81

Latitude: 44.114742
Longitude: -79.126842

Well ID: 4605213

LOCATION

Lot:	032	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	4743
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	08-01-1972
Street:		**Received Date:**	10-03-1972
City:	n/a		

ELL

Well Status:	Water Supply	**Well Depth (m):**	21.9456
Prim. Use:		**Depth to Bedrock (m):**	n/a

WE

Sec. Use: n/a
Boring Method: Cable Tool

Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 28
Final Level: 52 ft
Pump Rate: 8 GPM
Recom. Rate: 8 GPM

Pipe ID: 10845104
Pump Test ID 994605213
Flowing: N
Pump Duration (hr): 3
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930488949	6	inch	<null>	n/a	68 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	668934.10
Northing:	4857686.00
Elev (masl):	287.18

Latitude: 44.113265
Longitude: -79.132825

Well ID: 4605265

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 12-14-1972
Received Date: 12-20-1972

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 28.3464
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 24
Final Level: 40 ft
Pump Rate: 10 GPM
Recom. Rate: 7 GPM

Pipe ID: 10845155
Pump Test ID 994605265
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489014	5	inch	STEEL	n/a	90 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	668554.00
Northing:	4861623.00
Elev (masl):	270.42

Latitude: 44.114522
Longitude: -79.127162

Well ID: 4605285

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1556
Well Completion Date: 08-26-1972
Received Date: 01-04-1973

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 5.1816
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 9
Final Level: 16 ft
Pump Rate: n/a GPM
Recom. Rate: 4 GPM

Pipe ID: 10845175
Pump Test ID 994605285
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489036	30	inch	CONCRETE	n/a	17 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	668331.10
Northing:	4859548.00
Elev (masl):	271.89

Latitude: 44.114313
Longitude: -79.128105

Well ID: **4605309**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 06-17-1972
Received Date: 01-15-1973

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 10.668
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: n/a
Pump Set (m): n/a
SWL (ft) 8
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: 5 GPM

Pipe ID: 10845198
Pump Test ID 994605309
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489063	30	inch	CONCRETE	n/a	35 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	668647.10
Northing:	4859626.00
Elev (masl):	277.35

Latitude: 44.113904
Longitude: -79.130618

Well ID: **4605321**

TION

Lot: 032
Con: 06
Municipality:

Tag:
Audit No:
Contractor License: 5459

LOCA

Township: DURHAM UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Well Completion Date: 10-18-1972
Received Date: 01-15-1973

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 23.1648
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 25
Final Level: 60 ft
Pump Rate: 5 GPM
Recom. Rate: 5 GPM

Pipe ID: 10845210
Pump Test ID 994605321
Flowing: N
Pump Duration (hr): 5
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489075	6	inch	STEEL	n/a	72 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	668356.10
Northing:	4859531.00
Elev (masl):	273.15

Latitude: 44.114323
Longitude: -79.12873

Well ID: **4605323**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 06-25-1972
Received Date: 01-15-1973

WELL

Well Status: Abandoned-Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 7.0104
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 7
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: 4 GPM

Pipe ID: 10845212
Pump Test ID 994605323
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489077	30	inch	CONCRETE	n/a	23 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	668020.10
Northing:	4861475.00
Elev (masl):	272.52

Latitude: 44.114318
Longitude: -79.128418

Well ID: **4605324**

LOCATION

Lot:	032	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	5459
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	07-27-1972
Street:		**Received Date:**	01-15-1973
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	21.336
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Cable Tool	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10845213
Pump Set (m):	n/a	**Pump Test ID**	994605324
SWL (ft)	17	**Flowing:**	N
Final Level:	55 ft	**Pump Duration (hr):**	1
Pump Rate:	10 GPM	**Pump Duration (m):**	0
Recom. Rate:	10 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489078	6	inch	STEEL	n/a	67 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	662293.90
Northing:	4859012.00
Elev (masl):	285.10

Latitude: 44.11307
Longitude: -79.134705

Well ID: **4605347**

LOCATION

Lot:	032	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	4743
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	10-13-1972
Street:		**Received Date:**	01-23-1973
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	33.2232
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Cable Tool	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10845236
Pump Set (m):	n/a	**Pump Test ID**	994605347
SWL (ft)	25	**Flowing:**	N
Final Level:	105 ft	**Pump Duration (hr):**	6
Pump Rate:	4 GPM	**Pump Duration (m):**	0
Recom. Rate:	4 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489102	6	inch	STEEL	n/a	101 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17		
	Easting:	667980.10
	Northing:	4861613.00
	Elev (masl):	271.77

Latitude: 44.114312
Longitude: -79.128043

Well ID: 4605458

LOCATION

Lot:	032	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	1413
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	06-12-1973
Street:		**Received Date:**	06-18-1973
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	23.4696
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Rotary (Convent.)	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10845346
Pump Set (m):	n/a	**Pump Test ID**	994605458
SWL (ft)	17	**Flowing:**	N
Final Level:	24 ft	**Pump Duration (hr):**	2
Pump Rate:	6 GPM	**Pump Duration (m):**	30
Recom. Rate:	6 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489244	5	inch	STEEL	n/a	78 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17		
	Easting:	667405.10
	Northing:	4862173.00
	Elev (masl):	274.90

Latitude: 44.113976
Longitude: -79.129553

Well ID: 4605459

LOCATION

Lot:	032	**Tag:**	
Con:	06	**Audit No:**	
Municipality:	DURHAM	**Contractor License:**	1413
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	06-11-1973
Street:		**Received Date:**	06-18-1973
City:	n/a		

WELL

Well Status:	Water Supply	**Well Depth (m):**	19.812
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	Rotary (Convent.)	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	10845347
Pump Set (m):	n/a	**Pump Test ID**	994605459
SWL (ft)	18	**Flowing:**	N
Final Level:	50 ft	**Pump Duration (hr):**	2
Pump Rate:	9 GPM	**Pump Duration (m):**	30
Recom. Rate:	6 GPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489245	5	inch	STEEL	n/a	62 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17		
	Easting:	667265.10
	Northing:	4862043.00
	Elev (masl):	277.65

Latitude: 44.113449
Longitude: -79.13032

Well ID: **4605478**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 07-23-1972
Received Date: 06-22-1973

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 33.528
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: n/a
Pump Set (m): n/a
SWL (ft) 41
Final Level: 90 ft
Pump Rate: 6 GPM
Recom. Rate: 5 GPM

Pipe ID: 10845365
Pump Test ID 994605478
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489264	6	inch	STEEL	n/a	106 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17		
	Easting:	667586.10
	Northing:	4861581.00
	Elev (masl):	283.90

Latitude: 44.112749
Longitude: -79.131591

Well ID: **4605518**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 07-24-1973
Received Date: 08-15-1973

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 36.8808
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 38
Final Level: 65 ft
Pump Rate: 7 GPM
Recom. Rate: 6 GPM

Pipe ID: 10845404
Pump Test ID 994605518
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489303	5	inch	STEEL	n/a	122 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	667723.00
Northing:	4863956.00
Elev (masl):	289.43

Latitude: 44.1126
Longitude: -79.13347

Well ID: **4605554**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 09-20-1973
Received Date: 10-09-1973

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 26.2128
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 30
Final Level: 47 ft
Pump Rate: 10 GPM
Recom. Rate: 7 GPM

Pipe ID: 10845440
Pump Test ID 994605554
Flowing: N
Pump Duration (hr): 1
Pump Duration (m): 30

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489344	5	inch	STEEL	n/a	83 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	665895.00
Northing:	4865008.00
Elev (masl):	272.56

Latitude: 44.115222
Longitude: -79.128639

Well ID: **4605567**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 08-01-1973
Received Date: 10-09-1973

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 21.336
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 21
Final Level: 45 ft
Pump Rate: 8 GPM
Recom. Rate: 8 GPM

Pipe ID: 10845452
Pump Test ID 994605567
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489357	6	inch	STEEL	n/a	66 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	666456.00
Northing:	4867680.00
Elev (masl):	273.27

Latitude: 44.114324
Longitude: -79.128792

Well ID: 4605637

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 09-24-1973
Received Date: 11-22-1973

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 21.336
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 20
Final Level: 35 ft
Pump Rate: 15 GPM
Recom. Rate: 8 GPM

Pipe ID: 10845521
Pump Test ID 994605637
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489443	6	inch	STEEL	n/a	66 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	664065.00
Northing:	4868588.00
Elev (masl):	263.35

Latitude: 44.117496
Longitude: -79.124568

Well ID: 4605644

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 11-08-1973
Received Date: 12-07-1973

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 21.336
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 0
Final Level: 9 ft
Pump Rate: 30 GPM
Recom. Rate: 20 GPM

Pipe ID: 10845528
Pump Test ID 994605644
Flowing: Y
Pump Duration (hr): 3
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489450	6	inch	STEEL	n/a	46 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	663081.00
Northing:	4870290.00
Elev (masl):	284.98

Latitude: 44.112931
Longitude: -79.131711

Well ID: 4605694

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 10-22-1973
Received Date: 01-14-1974

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 33.2232
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 45
Final Level: 108 ft
Pump Rate: 8 GPM
Recom. Rate: 8 GPM

Pipe ID: 10845577
Pump Test ID 994605694
Flowing: N
Pump Duration (hr): 3
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489504	6	inch	STEEL	n/a	109 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	660764.90
Northing:	4874133.00
Elev (masl):	288.90

Latitude: 44.112384
Longitude: -79.132902

Well ID: 4605814

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 03-13-1974
Received Date: 03-27-1974

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 33.2232
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft)

Pipe ID: 10845696
Pump Test ID 994605814
Flowing: N

PUMP

Final Level: 56 ft
Pump Rate: 12 GPM
Recom. Rate: 8 GPM

Pump Duration (hr): 3
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489649	6	inch	STEEL	n/a	105 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	660754.90
Northing:	4873773.00
Elev (masl):	262.39

Latitude: 44.11764
Longitude: -79.124589

Well ID: **4605942**

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 1413
Well Completion Date: 04-25-1974
Received Date: 05-09-1974

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 10.9728
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 18
Final Level: 25 ft
Pump Rate: 4 GPM
Recom. Rate: 3 GPM

Pipe ID: 10845820
Pump Test ID 994605942
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930489789	5	inch	STEEL	n/a	36 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	655862.10
Northing:	4898924.00
Elev (masl):	266.12

Latitude: 44.119801
Longitude: -79.126232

Well ID: **4606383**

LOCATION

Lot: 034
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street:
City: n/a

Tag:
Audit No:
Contractor License: 4743
Well Completion Date: 11-18-1975
Received Date: 12-31-1975

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 15.8496
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR
Pump Set (m): n/a
SWL (ft) 1
Final Level: 10 ft
Pump Rate: 20 GPM
Recom. Rate: 20 GPM

Pipe ID: 10846244
Pump Test ID 994606383
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930490307	6	inch	STEEL	n/a	47 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	670115.10
Northing:	4877273.00
Elev (masl):	270.31

Latitude: 44.11614
Longitude: -79.129735

Well ID: 4606657

LOCATION

Lot: n/a
Con: n/a
Municipality: DURHAM
Township: UXBRIDGE TOWN
Street:
City: n/a

Tag:
Audit No:
Contractor License: 5459
Well Completion Date: 08-31-1976
Received Date: 11-25-1976

WELL

Well Status: Water Supply
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Cable Tool

Well Depth (m): 15.8496
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind: FRESH

PUMP TEST

Test Method: CLOUDY
Pump Set (m): n/a
SWL (ft) 2
Final Level: 45 ft
Pump Rate: 8 GPM
Recom. Rate: 8 GPM

Pipe ID: 10846513
Pump Test ID 994606657
Flowing: N
Pump Duration (hr): 2
Pump Duration (m): 0

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930490593	6	inch	STEEL	n/a	48 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	651710.00
Northing:	4872536.00
Elev (masl):	262.83

Latitude: 44.118105
Longitude: -79.12381

Well ID: 7042142

LOCATION

Lot: n/a
Con: n/a
Municipality: YORK
Township: NORTH YORK BOROUGH
Street: 47 RIVERWOOD PKWY
City: ETOBICOKE

Tag: A005281
Audit No: Z46565
Contractor License: 6032
Well Completion Date: 02-16-2007
Received Date: 03-29-2007

ELL

Well Status: Observation Wells
Prim. Use:

Well Depth (m): 7.62
Depth to Bedrock (m): 0

WE

Sec. Use: n/a
Boring Method: Boring

Depth to Water:
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth	
1	930897460	5	cm	PLASTIC	0	1.52	m

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

17

Easting:	635626.00
Northing:	4872085.00
Elev (masl):	259.23

Latitude: 44.118645
Longitude: -79.123793

Well ID: 7042145

LOCATION

Lot: n/a
Con: n/a
Municipality: DURHAM
Township: UXBRIDGE TOWN
Street: 225 MAIN ST NORTH
City: UXBRIDGE

Tag: A005100
Audit No: Z46589
Contractor License: 6032
Well Completion Date: 02-09-2007
Received Date: 03-29-2007

WELL

Well Status: Observation Wells
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Boring

Well Depth (m): 7.62
Depth to Bedrock (m): n/a
Depth to Water:
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth	
1	930897463	0.5	cm	PLASTIC	0	4.57	m

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

---

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	283.79

Latitude: 44.114092
Longitude: -79.131635

Well ID: 7164586

LOCATION

Lot: n/a
Con: n/a
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 26 NORTH STREET
City: Uxbridge

Tag: A091436
Audit No: Z105317
Contractor License: 7386
Well Completion Date: 06-10-2011
Received Date: 06-28-2011

WELL

Well Status: Abandoned-Other
Prim. Use: n/a
Sec. Use: n/a
Boring Method: n/a

Well Depth (m): 0
Depth to Bedrock (m): n/a
Depth to Water: m
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	1003984244	15.9	cm	STEEL	2	28.6 m

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

---

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	288.62

Latitude: 44.112526
Longitude: -79.132822

Well ID: **7182653**

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 14 YONGE ST
City: Uxbridge

Tag: A127384
Audit No: Z144313
Contractor License: 7386
Well Completion Date: 05-31-2012
Received Date: 06-18-2012

WELL

Well Status: <null>
Prim. Use: n/a
Sec. Use: n/a
Boring Method: n/a

Well Depth (m): 0
Depth to Bedrock (m): n/a
Depth to Water: m
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	1004360667	15.8	cm	STEEL	2	36.5 m

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

---

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	285.36

Latitude: 44.11336
Longitude: -79.135332

Well ID: **7186160**

TION

Lot: 032
Con: 06
Municipality:

Tag:
Audit No: Z147551
Contractor License: 1413

LOCA

Township: DURHAM UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 2 NORTH ST
City: UCBRIDGE

Well Completion Date: 07-10-2012
Received Date: 08-30-2012

WELL

Well Status: Abandoned-Other
Prim. Use: n/a
Sec. Use: n/a
Boring Method: n/a

Well Depth (m): 0
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind:

PUMP TEST

Test Method: n/a
Pump Set (m): n/a
SWL (ft) 19
Final Level: n/a ft
Pump Rate: n/a GPM
Recom. Rate: n/a GPM

Pipe ID: 1004440301
Pump Test ID 1004440302
Flowing: N
Pump Duration (hr): n/a
Pump Duration (m): n/a

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	1004440306	6	inch	STEEL	0	105 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

---

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	261.57

Latitude: 44.118304
Longitude: -79.126628

Well ID: **7213790**

LOCATION

Lot: 033
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 246 MAIN ST. NORTH
City: UXBRIDGE

Tag:
Audit No: Z154846
Contractor License: 4102
Well Completion Date: 11-14-2013
Received Date: 12-27-2013

WELL

Well Status: Abandoned-Other
Prim. Use: n/a
Sec. Use: n/a
Boring Method: n/a

Well Depth (m): 0
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
0	1005025096	n/a	inch	<null>	n/a	n/a ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

---

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	261.46

Latitude: 44.118341
Longitude: -79.126715

Well ID: **7213791**

LOCATION

Lot:	033	**Tag:**	
Con:	06	**Audit No:**	Z154845
Municipality:	DURHAM	**Contractor License:**	4102
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	11-15-2013
Street:	246 MAIN ST. NORTH	**Received Date:**	12-27-2013
City:	UXBRIDGE		

WELL

Well Status:	Abandoned-Other	**Well Depth (m):**	0
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	ft
Boring Method:	n/a	**Water Kind:**	

PUMP TEST

Test Method:		**Pipe ID:**	
Pump Set (m):		**Pump Test ID**	
SWL (ft)		**Flowing:**	
Final Level:		**Pump Duration (hr):**	
Pump Rate:		**Pump Duration (m):**	
Recom. Rate:			

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
0	1005025106	n/a	inch	<null>	n/a	n/a ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

---

n/a

Easting:	<null>
Northing:	<null>
Elev (masl):	286.83

Latitude: 44.119339
Longitude: -79.137619

Well ID: **7241714**

LOCATION

Lot:	034	**Tag:**	A173980
Con:	06	**Audit No:**	Z198458
Municipality:	DURHAM	**Contractor License:**	7108
Township:	UXBRIDGE TOWNSHIP (UXBRIDGE)	**Well Completion Date:**	04-26-2015
Street:	7555 CENTRE ROAD	**Received Date:**	05-25-2015
City:	Uxbridge		

WELL

Well Status:	Water Supply	**Well Depth (m):**	25.2
Prim. Use:	n/a	**Depth to Bedrock (m):**	n/a
Sec. Use:	n/a	**Depth to Water:**	m
Boring Method:	Rotary (Convent.)	**Water Kind:**	FRESH

PUMP TEST

Test Method:	CLEAR	**Pipe ID:**	1005629291
Pump Set (m):	20	**Pump Test ID**	1005629292
SWL (ft)	2.66	**Flowing:**	n/a
Final Level:	15.2m	**Pump Duration (hr):**	1
Pump Rate:	40 LPM	**Pump Duration (m):**	30
Recom. Rate:	40 LPM		

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	1005629302	15.4	cm	STEEL	-0.6	21.3 m
2	1005629303	12.7	cm	PLASTIC	20.7	22.2 m

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

n/a		
	Easting:	<null>
	Northing:	<null>
	Elev (masl):	258.84

Latitude: 44.119703
Longitude: -79.12466

Well ID: 7287974

LOCATION

Lot: n/a
Con: n/a
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 263 MAIN STREET
City: Uxbridge

Tag:
Audit No: Z225758
Contractor License: 5459
Well Completion Date: 05-31-2017
Received Date: 06-12-2017

WELL

Well Status: Abandoned-Other
Prim. Use: n/a
Sec. Use: n/a
Boring Method: n/a

Well Depth (m): 0
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
0	1006637979	n/a	inch	<null>	n/a	n/a ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

n/a		
	Easting:	<null>
	Northing:	<null>
	Elev (masl):	

Latitude: 44.114813
Longitude: -79.137786

Well ID: 7304139

LOCATION

Lot: n/a
Con: n/a
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 7370 CENTRE STREET
City: UXBRIDGE

Tag: A239058
Audit No: Z275278
Contractor License: 7383
Well Completion Date: 12-12-2017
Received Date: 01-24-2018

WELL

Well Status: Monitoring and Test Hole
Prim. Use: n/a
Sec. Use: Monitoring
Boring Method: Boring

Well Depth (m): 6.096
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	1007136882	2	inch	PLASTIC	0	10 ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

n/a		
	Easting:	<null>
	Northing:	<null>
	Elev (masl):	

Latitude: 44.114813
Longitude: -79.137786

Well ID: 7304140

LOCATION

Lot: n/a
Con: n/a
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 7370 CENTER STREET
City: UXBRIDGE

Tag: A239057
Audit No: Z275397
Contractor License: 7383
Well Completion Date: 12-11-2017
Received Date: 01-24-2018

WELL

Well Status: Monitoring and Test Hole
Prim. Use: n/a
Sec. Use: n/a
Boring Method: Rotary (Convent.)

Well Depth (m): 15.24
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth	
1	1007136895	2	inch	PLASTIC	0	40	ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

---

n/a		
	Easting:	<null>
	Northing:	<null>
	Elev (masl):	

Latitude: 44.11384
Longitude: -79.139916

Well ID: 7304141

LOCATION

Lot: n/a
Con: n/a
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 7370 CENTER STREET
City: Uxbridge

Tag: A239053
Audit No: Z275398
Contractor License: 7383
Well Completion Date: 12-15-2017
Received Date: 01-24-2018

WELL

Well Status: Observation Wells
Prim. Use: n/a
Sec. Use: Monitoring
Boring Method: Rotary (Convent.)

Well Depth (m): 6.096
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth	
1	1007136906	2	inch	PLASTIC	0	10	ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

n/a		
	Easting:	<null>
	Northing:	<null>
	Elev (masl):	

Latitude: 44.115896
Longitude: -79.137952

Well ID: 7304145

LOCATION

Lot: n/a
Con: n/a
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 7370 CENTRE ROAD
City: UXBRIDGE

Tag: A239056
Audit No: Z275277
Contractor License: 7383
Well Completion Date: 12-12-2017
Received Date: 01-24-2018

WELL

Well Status: Monitoring and Test Hole
Prim. Use: n/a
Sec. Use: Monitoring
Boring Method: Boring

Well Depth (m): 6.096
Depth to Bedrock (m): n/a
Depth to Water: ft
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth	
1	1007137104	2	inch	PLASTIC	0	10	ft

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

n/a		
	Easting:	<null>
	Northing:	<null>
	Elev (masl):	

Latitude: 44.114032
Longitude: -79.130213

Well ID: 7311423

LOCATION

Lot: 032
Con: 06
Municipality: DURHAM
Township: UXBRIDGE TOWNSHIP (UXBRIDGE)
Street: 33 NORTH ST
City: n/a

Tag: A228051
Audit No: Z261257
Contractor License: 7386
Well Completion Date: 03-09-2018
Received Date: 05-15-2018

WELL

Well Status: Abandoned-Other
Prim. Use: n/a
Sec. Use: n/a
Boring Method: n/a

Well Depth (m): 0
Depth to Bedrock (m): n/a
Depth to Water: m
Water Kind:

PUMP TEST

Test Method:
Pump Set (m):
SWL (ft)
Final Level:
Pump Rate:
Recom. Rate:

Pipe ID:
Pump Test ID
Flowing:
Pump Duration (hr):
Pump Duration (m):

CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth	
1	1007275777	n/a	cm	OTHER	0	2.4	m
2	1007275778	13.3	cm	STEEL	2.4	2.5	m

FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth

End of Record

Appendix B

Test Pit Logs

TEST PIT STRATIGRAPHIC RECORD

TP-1
Project No: 12641133

Client: Mason Homes (Uxbridge) Limited
Project: Hydrogeological Assessment Update
Location: 7309 Centre Road, Uxbridge, ON
Date Started: 03/12/2024
Date Completed: 03/12/2024

Excavation Co.: Behan Construction Limited
Test Pit Equipment: Excavation
Sample Method(s): GS
Logged By: Kathleen Goodman
Reviewed By: Eric Wierdsma

Easting: 649222.69 E
Northing: 4886505.38 N
Horiz. Datum: NAD83 / UTM zone 17N
Elevation: 281.40 m ASD
Vert. Datum: MAMSL
Dimension:
Total Depth: 3.05 m

Depth (Metres)	Elevation (Metres)	Strat Symbol	Stratigraphy	Remarks	Sample Location	Sample Number	Analysis	Water Content %	PID (ppm)	Water Level(s)	Backfill
0.00	281.40										
			TOPSOIL (76 mm)								
0.08	281.32		SANDY SILT, with clay, light brown, moist - Gravel: 0%; Sand: 23%; Silt: 65%; Clay: 12% at 0.30m BGS			GS1	G	14			
1.52	279.88		SILTY SAND TILL, with gravel, brown, moist - observed groundwater seepage at 2.90m BGS			GS2		18			
3.05	278.35		End of Test Pit at 3.05 m.								

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ At Time of Excavation:
▼ After Excavation:
Grain Size Analysis: G

Backfill Details		
Description	From(ft BGS)	To(ft BGS)

TEST PIT STRATIGRAPHIC RECORD

TP-2
Project No: 12641133

Client: Mason Homes (Uxbridge) Limited
Project: Hydrogeological Assessment Update
Location: 7309 Centre Road, Uxbridge, ON
Date Started: 03/12/2024
Date Completed: 03/12/2024

Excavation Co.: Behan Construction Limited
Test Pit Equipment: Excavation
Sample Method(s): GS
Logged By: Kathleen Goodman
Reviewed By: Eric Wierdsma

Easting: 649400.59 E
Northing: 4886496.89 N
Horiz. Datum: NAD83 / UTM zone 17N
Elevation: 278.48 m ASD
Vert. Datum: MAMSL
Dimension:
Total Depth: 3.96 m

Depth (Metres)	Elevation (Metres)	Strat Symbol	Stratigraphy	Remarks	Sample Location	Sample Number	Analysis	Water Content %	PID (ppm)	Water Level(s)	Backfill
0.00	278.48										
			TOPSOIL (254 mm)								
0.25	278.23		SILTY SAND, brown, moist								
0.61	277.87		SILTY SAND TILL, with gravel, brown, moist								
1.0											
2.0						GS1		6			
3.0											
3.05	275.43		SAND, with silt, brown, moist			GS2		9			
4.0											
3.96	274.52		End of Test Pit at 3.96 m. Notes: No groundwater seepage observed.								

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ At Time of Excavation:
▼ After Excavation:

Backfill Details		
Description	From(ft BGS)	To(ft BGS)

TEST PIT STRATIGRAPHIC RECORD

TP-3
Project No: 12641133

Client: Mason Homes (Uxbridge) Limited
Project: Hydrogeological Assessment Update
Location: 7309 Centre Road, Uxbridge, ON
Date Started: 03/12/2024
Date Completed: 03/12/2024

Excavation Co.: Behan Construction Limited
Test Pit Equipment: Excavation
Sample Method(s): GS
Logged By: Kathleen Goodman
Reviewed By: Eric Wierdsma

Easting: 649424.24 E
Northing: 4886637.27 N
Horiz. Datum: NAD83 / UTM zone 17N
Elevation: 276.00 m ASD
Vert. Datum: MAMSL
Dimension:
Total Depth: 3.96 m

Depth (Metres)	Elevation (Metres)	Strat Symbol	Stratigraphy	Remarks	Sample Location	Sample Number	Analysis	Water Content %	PID (ppm)	Water Level(s)	Backfill
0.00	276.00										
			TOPSOIL (203 mm)								
0.20	275.80		SILTY SAND, brown, moist								
1.52	274.48		SILTY SAND TILL, with gravel, brown, moist			GS1		6			
3.96	272.04		End of Test Pit at 3.96 m. Notes: No groundwater seepage observed.								

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Excavation:
After Excavation:

Backfill Details		
Description	From(ft BGS)	To(ft BGS)

TEST PIT STRATIGRAPHIC RECORD

TP-4
Project No: 12641133

Client: Mason Homes (Uxbridge) Limited
Project: Hydrogeological Assessment Update
Location: 7309 Centre Road, Uxbridge, ON
Date Started: 03/12/2024
Date Completed: 03/12/2024

Excavation Co.: Behan Construction Limited
Test Pit Equipment: Excavation
Sample Method(s): GS
Logged By: Kathleen Goodman
Reviewed By: Eric Wierdsma

Easting: 649622.78 E
Northing: 4886646.47 N
Horiz. Datum: NAD83 / UTM zone 17N
Elevation: 269.41 m ASD
Vert. Datum: MAMSL
Dimension:
Total Depth: 1.83 m

Depth (Metres)	Elevation (Metres)	Strat Symbol	Stratigraphy	Remarks	Sample Location	Sample Number	Analysis	Water Content %	PID (ppm)	Water Level(s)	Backfill
0.00	269.41		TOPSOIL (305 mm)								
0.30	269.11		SILTY SAND, brown, moist			GS1		22			
0.91	268.50		CLAYEY SILT TILL, with gravel, brown, moist - observed groundwater seepage at 1.22m BGS			GS2		25			
1.83	267.58		End of Test Pit at 1.83 m.								

1.0
2.0
3.0
4.0

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Excavation:
After Excavation:

Backfill Details		
Description	From(ft BGS)	To(ft BGS)

TEST PIT STRATIGRAPHIC RECORD

TP-5
Project No: 12641133

Client: Mason Homes (Uxbridge) Limited
Project: Hydrogeological Assessment Update
Location: 7309 Centre Road, Uxbridge, ON
Date Started: 03/12/2024
Date Completed: 03/12/2024

Excavation Co.: Behan Construction Limited
Test Pit Equipment: Excavation
Sample Method(s): GS
Logged By: Kathleen Goodman
Reviewed By: Eric Wierdsma

Easting: 649156.80 E
Northing: 4886423.38 N
Horiz. Datum: NAD83 / UTM zone 17N
Elevation: 285.73 m ASD
Vert. Datum: MAMSL
Dimension:
Total Depth: 2.29 m

Depth (Metres)	Elevation (Metres)	Strat Symbol	Stratigraphy	Remarks	Sample Location	Sample Number	Analysis	Water Content %	PID (ppm)	Water Level(s)	Backfill
0.00	285.73		TOPSOIL (203 mm)								
0.20	285.53		SILTY SAND, light brown, moist								
0.91	284.82		SILTY SAND TILL, with gravel, brown, moist			GS1		21			
						GS2		6			
2.29	283.44		End of Test Pit at 2.29 m. Notes: No groundwater seepage observed.								

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Excavation:
After Excavation:

Backfill Details		
Description	From(ft BGS)	To(ft BGS)

TEST PIT STRATIGRAPHIC RECORD

TP-6
Project No: 12641133

Client: Mason Homes (Uxbridge) Limited
Project: Hydrogeological Assessment Update
Location: 7309 Centre Road, Uxbridge, ON
Date Started: 03/12/2024
Date Completed: 03/12/2024

Excavation Co.: Behan Construction Limited
Test Pit Equipment: Excavation
Sample Method(s): GS
Logged By: Kathleen Goodman
Reviewed By: Eric Wierdsma

Easting: 649504.37 E **Northing:** 4886546.70 N
Horiz. Datum: NAD83 / UTM zone 17N
Elevation: 274.88 m ASD
Vert. Datum: MAMSL
Dimension:
Total Depth: 2.13 m

Depth (Metres)	Elevation (Metres)	Strat Symbol	Stratigraphy	Remarks	Sample Location	Sample Number	Analysis	Water Content %	PID (ppm)	Water Level(s)	Backfill
0.00	274.88										
			TOPSOIL (254 mm)								
0.25	274.63		SILTY SAND, brown, moist								
0.61	274.27		SILT TILL, with sand, with clay								
1.0						GS1		12			
			- Gravel: 0%; Sand: 12%; Silt: 73%; Clay: 15% at 1.90m BGS			GS2	G	15			
2.13	272.75		End of Test Pit at 2.13 m.								
			Notes: No groundwater seepage observed.								
3.0											
4.0											

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Excavation:
After Excavation:
Grain Size Analysis: G

Backfill Details		
Description	From(ft BGS)	To(ft BGS)

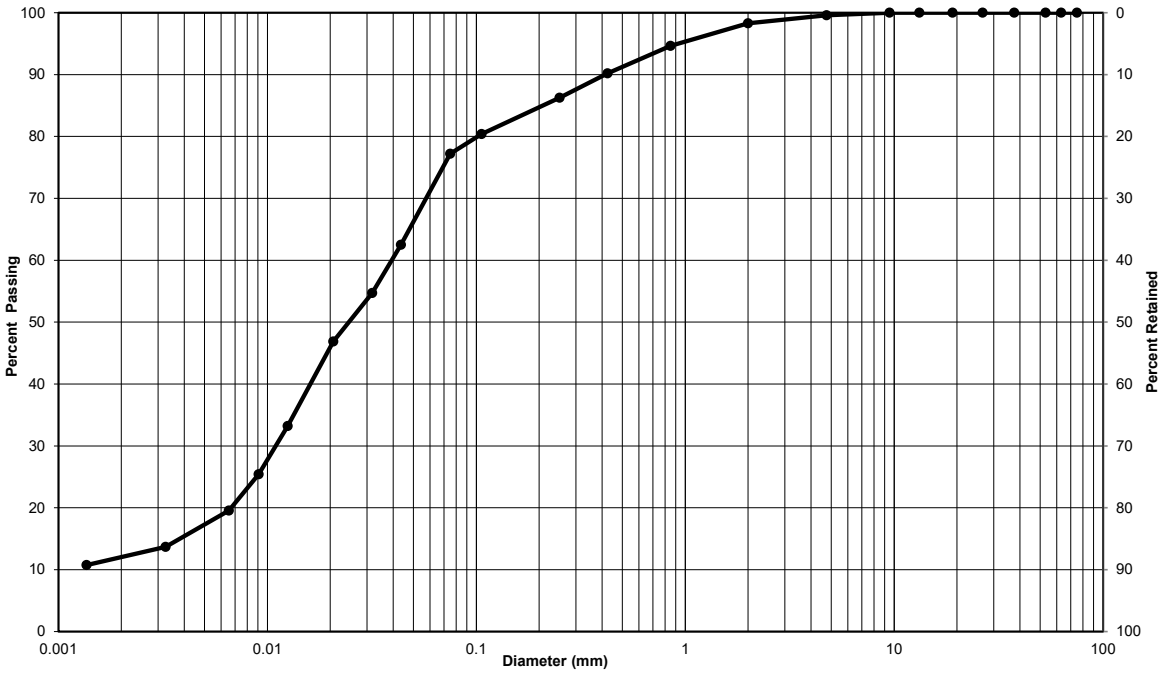
Appendix C

Physical Laboratory Testing Results

Particle-Size Analysis of Soils

MTO LS-702/ASTM D422 (Geotechnical)

Client:	Mason Homes (Uxbridge) Limited	**Lab No.:**	SS-24-100
Project/Site:	7309 Centre Road, Uxbridge, Ontario	**Project No.:**	12641133
Borehole No.:	TP-1	Sample No.:	GS-1
Depth:	0.3-0.6m	Enclosure:	C-1



Clay & Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse
Particle-Size Limits as per USCS (ASTM D-2487)					

Soil Description	Gravel (%)	Sand (%)	Clay & Silt (%)
Sandy silt, some clay	0	23	77
Silt-size particles (%) :	65		
Clay-size particles (%) (<0.002 mm):	12		

Additional laboratory reporting information available upon request.

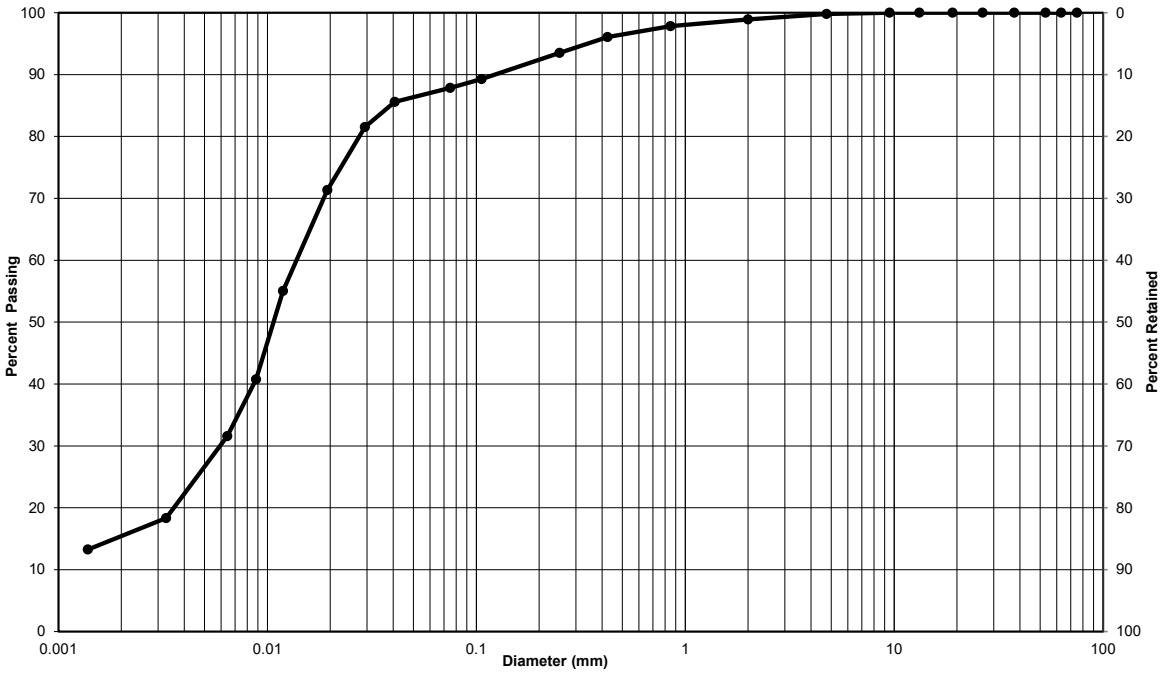
Remarks:

Performed by:	Josh Sullivan	**Date:**	December 13, 2024
Verified by:	Joe Sullivan	**Date:**	December 13, 2024
Laboratory Location:	GHD Limited - 347 Pido Road, Unit 29, Peterborough, ON		

Particle-Size Analysis of Soils

MTO LS-702/ASTM D422 (Geotechnical)

Client:	Mason Homes (Uxbridge) Limited	**Lab No.:**	SS-24-100
Project/Site:	7309 Centre Road, Uxbridge, Ontario	**Project No.:**	12641133
Borehole No.:	TP-6	Sample No.:	GS-2
Depth:	2.1-2.4m	Enclosure:	C-2



Clay & Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse
Particle-Size Limits as per USCS (ASTM D-2487)					

Soil Description	Gravel (%)	Sand (%)	Clay & Silt (%)
Silt, some clay and sand	0	12	88
Silt-size particles (%) :	73		
Clay-size particles (%) (<0.002 mm):	15		

Additional laboratory reporting information available upon request.

Remarks:

Performed by:	Josh Sullivan	**Date:**	December 13, 2024
Verified by:	Joe Sullivan	**Date:**	December 13, 2024
Laboratory Location:	GHD Limited - 347 Pido Road, Unit 29, Peterborough, ON		

Appendix D

Infiltration Testing Results

Appendix D.1: Infiltration Testing (in-situ)

Project No.: 12641133-02
Date: December 3, 2024
Equipment: ETC Pask Permeameter

Test ID.:	INF-1
Description:	TP-1
Location:	7309 Centre Road, Uxbridge, ON
Ground Elev. (m):	281.4
Depth of hole (m):	0.3
Test Elev. (m):	281.1

Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)
1.0	37.1	--
1.5	36.8	0.60
2.0	36.5	0.60
2.5	36.2	0.60
3.0	35.9	0.60
3.5	35.7	0.40
4.0	35.5	0.40
4.5	35.2	0.60
5.5	34.8	0.40
6.0	34.7	0.20
6.5	34.4	0.60
7.0	34.1	0.60
8.0	33.9	0.20
9.0	33.6	0.30
9.5	33.3	0.60
10.5	33.0	0.30
11.5	32.7	0.30

INF-2
TP-1
7309 Centre Road, Uxbridge, ON
281.4
1.5
279.9

Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)
0.0	24.1	--
0.5	24.0	0.20
1.0	23.8	0.40
2.0	23.6	0.20
3.0	23.4	0.20
5.0	23.1	0.15
5.5	23.0	0.20
6.0	22.9	0.20
6.5	22.8	0.20
7.5	22.7	0.10
8.0	22.5	0.40
9.0	22.4	0.10
9.5	22.3	0.20
10.0	22.2	0.20
10.5	22.1	0.20
11.0	22.0	0.20
11.5	21.9	0.20

INF-3
TP-2
7309 Centre Road, Uxbridge, ON
278.5
2
276.5

Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)
1.0	20.0	--
2.0	19.7	0.30
3.0	19.4	0.30
4.0	19.2	0.20
5.0	19.0	0.20
6.0	18.6	0.40
6.5	18.4	0.40
7.5	18.2	0.20
8.0	18.0	0.40
9.0	17.8	0.20
9.5	17.6	0.40
10.5	17.4	0.20
11.0	17.2	0.40
11.5	17.0	0.40
12.5	16.8	0.20
13.0	16.6	0.40
13.5	16.4	0.40
14.0	16.2	0.40

INF-4
TP-2
7309 Centre Road, Uxbridge, ON
278.5
3.1
275.4

Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)
0.0	33.4	--
0.5	33.0	0.80
1.0	32.7	0.60
1.5	32.4	0.60
2.0	32.0	0.80
2.5	31.9	0.20
3.0	31.6	0.60
3.5	31.4	0.40
4.0	31.1	0.60
4.5	30.9	0.40
5.0	30.7	0.40
5.5	30.3	0.80
6.0	30.1	0.40
6.5	29.9	0.40
7.0	29.7	0.40

Quasi Steady Flow Rate ®

(cm/min) 0.4 Over duration of the testing (cm/min) 0.20 (cm/min) 0.40 (cm/min) 0.40

Field-Saturated Hydraulic Conductivity (Kfs)

(m/sec) 2.10E-06 1.10E-06 2.10E-06 2.10E-06

Estimated Infiltration Rate = (K_{fs} / 6E-11) exp (3.7363^{-1})

(mm/hr) **56.4** **47.5** **56.4** **56.4**

Design Infiltration Rate with Safety Factor

(mm/hr) **16.1** **--** **22.6** **--**

Appendix D.2: Infiltration Testing (in-situ)

Project No.: 12641133-02
Date: December 3, 2024
Equipment: ETC Pask Permeameter

Test ID.:	INF-5	INF-6	INF-7	INF-8
Description:	TP-4	TP-4	TP-5	TP-5
Location:	7309 Centre Road, Uxbridge, ON	7309 Centre Road, Uxbridge, ON	7309 Centre Road, Uxbridge, ON	7309 Centre Road, Uxbridge, ON
Ground Elev. (m):	269.4	269.4	285.7	285.7
Depth of hole (m):	0.33	1.6	0.9	2.3
Test Elev. (m):	269.1	267.8	284.8	283.4

INF-5			INF-6			INF-7			INF-8		
Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)	Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)	Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)	Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)
1.0	40.1	--	Test could not be completed due to groundwater infiltration at 1.2 mbgs.			1	37.5	--	0.0	36.4	--
1.5	40.0	0.20				2	37.4	0.10	1.0	35.1	1.30
2.0	39.6	0.80				3	37.1	0.30	1.5	34.9	0.40
2.5	39.4	0.40				4	37.0	0.10	2.0	34.8	0.20
3.0	39.2	0.40				5	36.8	0.20	2.5	34.7	0.20
4.0	38.7	0.50				6	36.6	0.20	3.0	34.6	0.20
4.5	38.5	0.40				7	36.5	0.10	3.5	34.5	0.20
5.0	38.2	0.60				8	36.4	0.10			
6.0	38.0	0.20				9	36.3	0.10			
6.5	37.7	0.60									
7.0	37.5	0.40									
7.5	37.3	0.40									
8.0	37.1	0.40									
8.5	36.9	0.40									
9.0	36.7	0.40									

Quasi Steady Flow Rate ®

	INF-5	INF-6	INF-7	INF-8
(cm/min)	0.40	--	0.10	0.20

Field-Saturated Hydraulic Conductivity (K_{fs})

	INF-5	INF-6	INF-7	INF-8
(m/sec)	2.10E-06	--	5.30E-07	1.10E-06

Estimated Infiltration Rate = (K_{fs} / 6E-11) exp (3.7363^{-1})

	INF-5	INF-6	INF-7	INF-8
(mm/hr)	**56.4**	**--**	**39.0**	**47.5**

Design Infiltration Rate with Safety Factor

	INF-5	INF-6	INF-7	INF-8
(mm/hr)	**--**	**--**	**15.6**	**--**

Appendix D.3: Infiltration Testing (in-situ)

Project No.: 12641133-02
Date: December 3, 2024
Equipment: ETC Pask Permeameter

Test ID.:	INF-9
Description:	TP-6
Location:	7309 Centre Road, Uxbridge, ON
Ground Elev. (m):	274.9
Depth of hole (m):	1
Test Elev. (m):	273.9

Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)
0.5	22.7	--
1	22.4	0.60
3	22.3	0.05
4	22.2	0.10
5	22.0	0.20
6	21.9	0.10
7	21.7	0.20
8	21.5	0.20
9	21.4	0.10
12	21.2	0.07
13	21.1	0.10
15	20.9	0.10
17	20.7	0.10
19	20.5	0.10

INF-10
TP-6
7309 Centre Road, Uxbridge, ON
274.9
2.1
272.8

Elapsed Time (minutes)	Permeameter Reading (cm)	Rate (cm/min)
0.0	34.6	--
2.5	34.4	0.08
3.0	34.3	0.20
3.5	34.2	0.20
4.0	34.1	0.20
4.5	34	0.20

Quasi Steady Flow Rate ®

(cm/min)	(cm/min)	0.10	(cm/min)		0.20

Field-Saturated Hydraulic Conductivity (K_{fs})

(m/sec)	5.30E-07		1.10E-06

Estimated Infiltration Rate = (K_{fs} / 6E-11) exp (3.7363^{-1})

(mm/hr)	**39.0**		**47.5**

Design Infiltration Rate with Safety Factor

(mm/hr)	**15.6**		**--**

Appendix E

Updated Water Balance

Appendix E.1

Revised Water Budget (Thornthwaite Method) - Average Values 1981-2010*

Weather Station: Udora
Climate Station #: 6119055 **Elevation:** 262 masl **Distance Away:** ~16.3 km

Month	Mean Temperature (°C)	Heat Index	Unadjusted Potential ET (mm)	Daylight Correction Factor	Adjusted ET (mm)	Total Precipitation (mm)
January	-7	0	0	0.78	0	64.9
February	-6.6	0	0	0.88	0	45.9
March	-1.3	0	0	0.99	0	53.1
April	5.7	1.22	26.2	1.12	29.4	67.9
May	12.2	3.86	58.9	1.22	71.8	82.1
June	18	6.95	89.0	1.28	114.0	106.6
July	19.9	8.10	99.1	1.25	123.8	86.4
August	19.3	7.73	95.9	1.15	110.3	73.9
September	15.1	5.33	73.9	1.04	76.8	87.3
October	8.6	2.27	40.6	0.92	37.4	74.9
November	2.4	0.33	10.5	0.8	8.4	83.2
December	-4	0	0	0.76	0	60
TOTAL	6.9	35.8	494.0		571.8	886.2

TOTAL WATER SURPLUS: 314.4 mm

Notes:

*Average values of precipitation were used. Average values of temperature were also used.

Appendix E.2
Water Budget Pre-Development

Catchment Designation →	PRE-DEVELOPMENT SITE							TOTAL
	Catchment 100	Catchment 101						
General Description →	Agricultural	Agricultural	Naturalized	Forested	Existing Residential			
Detailed Description →					Lawn	Rooftops	Gravel Drive	
Area (m^2)	6200	87867	28143	2060	10715	430	335	135750
Pervious Area (m^2)	6200	87867	28143	2060	10715	0	335	135320
% Pervious	4.6%	64.7%	20.7%	1.5%	7.9%	0%	0.2%	99.7%
Impervious Area (m^2)	0	0	0	0	0	430	0	430
% Impervious	0%	0%	0%	0%	0%	0.3%	0%	0.3%
INFILTRATION FACTORS								
Topography Infiltration Factor	0.15	0.15	0.15	0.15	0.2	0	0.2	
Soil Infiltration Factor	0.2	0.2	0.2	0.2	0.2	0	0.2	
Land Cover Infiltration Factor	0.1	0.1	0.15	0.2	0.15	0	0	
MECP Infiltration Factor	0.45	0.45	0.5	0.55	0.55	0	0.4	
Actual Infiltration Factor	0.45	0.45	0.5	0.55	0.55	0.25	0.4	
Runoff Coefficient	0.55	0.55	0.5	0.45	0.45	0.75	0.6	
Runoff from Impervious Surfaces*	0	0	0	0	0	0.8	0.8	
INPUTS (PER UNIT AREA)								
Precipitation (mm/yr)	886	886	886	886	886	886	886	886
Run On (mm/yr)	0	0	0	0	0	0	0	0
Other Inputs (mm/yr)	0	0	0	0	0	0	0	0
Total Inputs (mm/yr)	886	886	886	886	886	886	886	886
OUTPUTS (PER UNIT AREA)								
Precipitation Surplus (mm/yr)	314	314	314	314	314	709	709	317
Net Surplus (mm/yr)	314	314	314	314	314	709	709	317
Evaportranspiration (mm/yr)	572	572	572	572	572	177	177	570
Infiltration (mm/yr)	141	141	157	173	173	177	284	148
Rooftop Infiltration (mm/yr)	0	0	0	0	0	177	0	1
Total Infiltration (mm/yr)	141	141	157	173	173	354	284	149
Runoff Pervious Areas	173	173	157	141	141	0	425	167
Runoff Impervious Areas	0	0	0	0	0	354	0	1
Total Runoff (mm/yr)	173	173	157	141	141	354	425	168
Total Outputs (mm/yr)	886	886	886	886	886	886	886	886
Difference (Inputs - Outputs)	0	0	0	0	0	0	0	0
INPUTS (VOLUMES)								
Precipitation (m^3/yr)	5494	77868	24940	1826	9496	381	297	120302
Run On (m^3/yr)	0	0	0	0	0	0	0	0
Other Inputs (m^3/yr)	0	0	0	0	0	0	0	0
Total Inputs (m^3/yr)	5494	77868	24940	1826	9496	381	297	120302
OUTPUTS (VOLUMES)								
Precipitation Surplus (m^3/yr)	1949	27622	8847	648	3368	305	238	42977
Net Surplus (m^3/yr)	1949	27622	8847	648	3368	305	238	42977
Evaportranspiration (m^3/yr)	3545	50245	16093	1178	6127	76	59	77325
Infiltration (m^3/yr)	877	12430	4424	356	1853	76	95	20111
Rooftop Infiltration (m^3/yr)	0	0	0	0	0	76	0	76
Total Infiltration (m^3/yr)	877	12430	4424	356	1853	152	95	20187
Runoff Pervious Areas (m^3/yr)	1072	15192	4424	291	1516	0	143	22638
Runoff Impervious Areas (m^3/yr)	0	0	0	0	0	152	0	152
Total Runoff (m^3/yr)	1072	15192	4424	291	1516	152	143	22790
Total Outputs (m^3/yr)	5494	77868	24940	1826	9496	381	297	120302
Difference (Inputs - Outputs)	0	0	0	0	0	0	0	0

Notes:
Catchment areas based upon Tatham Engineering "Pre-Development Drainage Plan" dwg. DP-1 dated October 2024
Naturalized areas are open, vacant areas that are not used for agriculture and are not forested areas
Assume 25% of rooftop runoff infiltrates the ground in this scenario.

Appendix E.3

Water Budget Post-Development - No Mitigation Strategies

	POST-DEVELOPMENT SITE																				
Post-Development Catchment Designation	**Catchment 201**														**Catchment 202**				**Catchment 203**			**TOTAL**
Pre-Development Catchment Designation	**Catchment 100**			**Catchment 101**																		
General Description →	**Res. - Single Lots 1-28**			**Res.- Single Lots 8-55, 59-82, 88-100, 105-127, 130-148**			**Med. Density - Townhouses**			**Walkways**	**Roads**	**0.3 m Reserves**	**Future Road Connection**	**SWM Pond**	**Open Space**	**Single Lots**		**Env.Protection**	**Roads**	**Walkways**	**Open Space**	
Detailed Description →	Lawns	Rooftops	Driveways	Lawns	Rooftops	Driveways	Lawns	Rooftops	Driveways	Gravel	Asphalt	Grass	Block 176 - Asphalt	Pond	Block 168	Lawns	Rooftops	Block 173	Asphalt	Gravel	Block 169	
Area (m^2)	1582	4300	318	12895	28471	8184	4455	11583	1782	170	33220	50	500	7940	6040	104	1236	8620	1910	170	2220	135750
Pervious Area (m^2)	1582	0	0	12895	0	0	4455	0	0	0	0	50	0	0	6040	104	0	8620	0	0	2220	35966
% Pervious	1.2%	0%	0%	9.5%	0%	0%	3%	0%	0%	0.0%	0%	0.0%	0%	0%	4.4%	0.1%	0%	6.3%	0%	0.0%	1.6%	26.5%
Impervious Area (m^2)	0	4300	318	0	28471	8184	0	11583	1782	170	33220	0	500	7940	0	0	1236	0	1910	170	0	99784
% Impervious	0%	3.2%	0.2%	0%	21.0%	6.0%	0%	8.5%	1.3%	0%	24.5%	0%	0.4%	5.8%	0%	0%	0.9%	0%	1.4%	0%	0%	73.5%
	INFILTRATION FACTORS						**INFILTRATION FACTORS**											**INFILTRATION FACTORS**				
Topography Infiltration Factor	0.15	0	0	0.15	0	0.15	0.15	0	0.15	0.15	0.15	0.15	0.15	0	0.15	0.15	0	0.15	0.15	0.15	0.15	
Soil Infiltration Factor	0.2	0	0	0.2	0	0	0.2	0	0	0	0	0.2	0	0	0.2	0.2	0	0.2	0	0	0.2	
Land Cover Infiltration Factor	0.15	0	0	0.15	0	0	0.15	0	0	0	0	0.15	0	0	0.175	0.15	0	0.2	0	0	0.175	
MECP Infiltration Factor	0.5	0	0	0.5	0	0.15	0.5	0	0.15	0.15	0.15	0.5	0.15	0	0.525	0.5	0	0.55	0.15	0.15	0.525	
Actual Infiltration Factor	0.5	0	0	0.5	0	0	0.5	0	0	0.15	0	0.5	0	0.05	0.525	0.5	0	0.55	0	0.15	0.525	
Runoff Coefficient	0.5	1	1	0.5	1	1	0.5	1	1	1	1	0.5	1	0.95	0.475	0.5	1	0.45	1	1	0.475	
Runoff from Impervious Surfaces*	0	0.8	0.8	0	0.8	0.8	0	0.8	0.8	0.8	0.8	0	0.8	0.8	0	0	0.8	0	0.8	0.8	0	
	INPUTS (PER UNIT AREA)						**INPUTS (PER UNIT AREA)**											**INPUTS (PER UNIT AREA)**				
Precipitation (mm/yr)	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886
Run On (mm/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Inputs (mm/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inputs (mm/yr)	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886
	OUTPUTS (PER UNIT AREA)						**OUTPUTS (PER UNIT AREA)**											**OUTPUTS (PER UNIT AREA)**				
Precipitation Surplus (mm/yr)	314	709	709	314	709	709	314	709	709	709	709	314	709	709	314	314	709	314	709	709	314	604
Net Surplus (mm/yr)	314	709	709	314	709	709	314	709	709	709	709	314	709	709	314	314	709	314	709	709	314	604
Evaportranspiration (mm/yr)	572	177	177	572	177	177	572	177	177	177	177	572	177	177	572	572	177	572	177	177	572	282
Infiltration (mm/yr)	157	0	0	157	0	0	157	0	0	106	0	157	0	35	165	157	0	173	0	106	165	45
Rooftop Infiltration (mm/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Infiltration (mm/yr)	157	0	0	157	0	0	157	0	0	106	0	157	0	35	165	157	0	173	0	106	165	45
Runoff Pervious Areas	157	0	0	157	0	0	157	0	0	603	0	157	0	0	149	157	0	141	0	603	149	42
Runoff Impervious Areas	0	709	709	0	709	709	0	709	709	0	709	0	709	674	0	0	709	0	709	0	0	517
Total Runoff (mm/yr)	157	709	709	157	709	709	157	709	709	603	709	157	709	674	149	157	709	141	709	603	149	559
Total Outputs (mm/yr)	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886
Difference (Inputs - Outputs)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INPUTS (VOLUMES)						**INPUTS (VOLUMES)**											**INPUTS (VOLUMES)**				
Precipitation (m^3/yr)	1402	3811	282	11428	25231	7252	3948	10265	1579	151	29440	44	443	7036	5353	92	1095	7639	1693	151	1967	120301
Run On (m^3/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Inputs (m^3/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inputs (m^3/yr)	1402	3811	282	11428	25231	7252	3948	10265	1579	151	29440	44	443	7036	5353	92	1095	7639	1693	151	1967	120301
	OUTPUTS (VOLUMES)						**OUTPUTS (VOLUMES)**											**OUTPUTS (VOLUMES)**				
Precipitation Surplus (m^3/yr)	497	3049	226	4054	20185	5802	1400	8212	1263	121	23552	16	354	5629	1899	33	876	2710	1354	121	698	82049
Net Surplus (m^3/yr)	497	3049	226	4054	20185	5802	1400	8212	1263	121	23552	16	354	5629	1899	33	876	2710	1354	121	698	82049
Evaportranspiration (m^3/yr)	904	762	56	7374	5046	1450	2548	2053	316	30	5888	29	89	1407	3454	59	219	4929	339	30	1269	38252
Infiltration (m^3/yr)	249	0	0	2027	0	0	700	0	0	18	0	8	0	281	997	16	0	1490	0	18	366	6171
Rooftop to Soakaway Pit Infiltration (m^3/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Infiltration (m^3/yr)	249	0	0	2027	0	0	700	0	0	18	0	8	0	281	997	16	0	1490	0	18	366	6171
Runoff Pervious Areas (m^3/yr)	249	0	0	2027	0	0	700	0	0	102	0	8	0	0	902	16	0	1219	0	102	331	5658
Runoff Impervious Areas (m^3/yr)	0	3049	226	0	20185	5802	0	8212	1263	0	23552	0	354	5348	0	0	876	0	1354	0	0	70220
Total Runoff (m^3/yr)	249	3049	226	2027	20185	5802	700	8212	1263	102	23552	8	354	5348	902	16	876	1219	1354	102	331	75878
Total Outputs (m^3/yr)	1402	3811	282	11428	25231	7252	3948	10265	1579	151	29440	44	443	7036	5353	92	1095	7639	1693	151	1967	120301
Difference (Inputs - Outputs)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

Catchment areas based upon Tatham Engineering "Post-Development Drainage Plan" dwg. DP-2 dated October 2024

*Evaporation from impervious areas was assumed to be 20% of precipitation. Asphalt has 0% infiltration capability.

Does NOT include the existing residential home (would be within catchment 202)

Low Density Single Lots: Assume rooftops cover about 60% of the lot. Driveways cover about 15% of the lot; Grass (lawns) cover about 25% of the lot.

Medium Density Townhouse Lots: Assume rooftops cover about 65% of the lot. Driveways cover about 10% of the lot; Grass (lawns) cover about 25% of the lot.

Appendix E.4

Water Budget Post-Development - With Soakaway Pit Mitigation Strategy

	POST-DEVELOPMENT SITE																				
Post-Development Catchment Designation	**Catchment 201**													**Catchment 202**				**Catchment 203**			**TOTAL**
Pre-Development Catchment Designation	**Catchment 100**			**Catchment 101**																	
General Description →	**Res. - Single Lots 1-28**			**Res.- Single Lots 8-55, 59-82, 88-100, 105-127, 130-148**			**Med. Density - Townhouses**			**Walkways**	**Roads**	**0.3 m Reserves**	**Future Road Connection**	**SWM Pond**	**Open Space**	**Single Lots**		**Env.Protection**	**Roads**	**Walkways**	**Open Space**	
Detailed Description →	Lawns	Rooftops	Driveways	Lawns	Rooftops	Driveways	Lawns	Rooftops	Driveways	Gravel	Asphalt	Grass	Block 176 - Asphalt	Pond	Block 168	Lawns	Rooftops	Block 173	Asphalt	Gravel	Block 169	
Area (m^2)	1582	4300	318	12895	28471	8184	4455	11583	1782	170	33220	50	500	7940	6040	104	1236	8620	1910	170	2220	135750
Pervious Area (m^2)	1582	0	0	12895	0	0	4455	0	0	0	0	50	0	0	6040	104	0	8620	0	0	2220	35966
% Pervious	1.2%	0%	0%	9.5%	0%	0%	3%	0%	0%	0.0%	0%	0.0%	0%	0%	4.4%	0.1%	0%	6.3%	0%	0.0%	1.6%	26.5%
Impervious Area (m^2)	0	4300	318	0	28471	8184	0	11583	1782	170	33220	0	500	7940	0	0	1236	0	1910	170	0	99784
% Impervious	0%	3.2%	0.2%	0%	21.0%	6.0%	0%	8.5%	1.3%	0%	24.5%	0%	0.4%	5.8%	0%	0%	0.9%	0%	1.4%	0%	0%	73.5%
	INFILTRATION FACTORS						**INFILTRATION FACTORS**											**INFILTRATION FACTORS**				
Topography Infiltration Factor	0.15	0	0	0.15	0	0.15	0.15	0	0.15	0.15	0.15	0.15	0.15	0	0.15	0.15	0	0.15	0.15	0.15	0.15	
Soil Infiltration Factor	0.2	0	0	0.2	0	0	0.2	0	0	0	0	0.2	0	0	0.2	0.2	0	0.2	0	0	0.2	
Land Cover Infiltration Factor	0.15	0	0	0.15	0	0	0.15	0	0	0	0	0.15	0	0	0.175	0.15	0	0.2	0	0	0.175	
MECP Infiltration Factor	0.5	0	0	0.5	0	0.15	0.5	0	0.15	0.15	0.15	0.5	0.15	0	0.525	0.5	0	0.55	0.15	0.15	0.525	
Actual Infiltration Factor	0.5	0	0	0.5	0	0	0.5	0	0	0.15	0	0.5	0	0.05	0.525	0.5	0	0.55	0	0.15	0.525	
Runoff Coefficient	0.5	1	1	0.5	1	1	0.5	1	1	1	1	0.5	1	0.95	0.475	0.5	1	0.45	1	1	0.475	
Runoff from Impervious Surfaces*	0	0.8	0.8	0	0.8	0.8	0	0.8	0.8	0.8	0.8	0	0.8	0.8	0	0	0.8	0	0.8	0.8	0	
	INPUTS (PER UNIT AREA)						**INPUTS (PER UNIT AREA)**											**INPUTS (PER UNIT AREA)**				
Precipitation (mm/yr)	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886
Run On (mm/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Inputs (mm/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inputs (mm/yr)	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886
	OUTPUTS (PER UNIT AREA)						**OUTPUTS (PER UNIT AREA)**											**OUTPUTS (PER UNIT AREA)**				
Precipitation Surplus (mm/yr)	314	709	709	314	709	709	314	709	709	709	709	314	709	709	314	314	709	314	709	709	314	604
Net Surplus (mm/yr)	314	709	709	314	709	709	314	709	709	709	709	314	709	709	314	314	709	314	709	709	314	604
Evaportranspiration (mm/yr)	572	177	177	572	177	177	572	177	177	177	177	572	177	177	572	572	177	572	177	177	572	282
Infiltration (mm/yr)	157	0	0	157	0	0	157	0	0	106	0	157	0	35	165	157	0	173	0	106	165	45
Downspout Disconnection % Runoff Reduction	-	25%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-	25%	-	-	-	-	-
Rooftop Infiltration (m^3/yr)	-	177	-	-	-	-	-	0	-	-	-	-	-	-	-	-	177	-	-	-	-	-
Soakaway Pit % Runoff Reduction	-	0%	-	-	85%	-	-	0%	-	-	-	-	-	-	-	-	0%	-	-	-	-	-
Soakaway Pit Infiltration (mm/yr)	0	0	0	0	603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	126
Total Infiltration (mm/yr)	157	177	0	157	603	0	157	0	0	106	0	157	0	35	165	157	177	173	0	106	165	179
Runoff Pervious Areas	157	0	0	157	0	0	157	0	0	603	0	157	0	0	149	157	0	141	0	603	149	42
Runoff Impervious Areas	0	532	709	0	106	709	0	709	709	0	709	0	709	674	0	0	532	0	709	0	0	384
Total Runoff (mm/yr)	157	532	709	157	106	709	157	709	709	603	709	157	709	674	149	157	532	141	709	603	149	425
Total Outputs (mm/yr)	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886
Difference (Inputs - Outputs)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INPUTS (VOLUMES)						**INPUTS (VOLUMES)**											**INPUTS (VOLUMES)**				
Precipitation (m^3/yr)	1402	3811	282	11428	25231	7252	3948	10265	1579	151	29440	44	443	7036	5353	92	1095	7639	1693	151	1967	120301
Run On (m^3/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Inputs (m^3/yr)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inputs (m^3/yr)	1402	3811	282	11428	25231	7252	3948	10265	1579	151	29440	44	443	7036	5353	92	1095	7639	1693	151	1967	120301
	OUTPUTS (VOLUMES)						**OUTPUTS (VOLUMES)**											**OUTPUTS (VOLUMES)**				
Precipitation Surplus (m^3/yr)	497	3049	226	4054	20185	5802	1400	8212	1263	121	23552	16	354	5629	1899	33	876	2710	1354	121	698	82049
Net Surplus (m^3/yr)	497	3049	226	4054	20185	5802	1400	8212	1263	121	23552	16	354	5629	1899	33	876	2710	1354	121	698	82049
Evaportranspiration (m^3/yr)	904	762	56	7374	5046	1450	2548	2053	316	30	5888	29	89	1407	3454	59	219	4929	339	30	1269	38252
Infiltration (m^3/yr)	249	0	0	2027	0	0	700	0	0	18	0	8	0	281	997	16	0	1490	0	18	366	6171
Rooftop to Downspout Disconnection Infiltration (m^3/yr)	0	762	0	0	0	0	0	0	0	0	0	0	0	0	0	0	219	0	0	0	0	981
Rooftop to Soakaway Pit Infiltration (m^3/yr)	0	0	0	0	17157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17157
Total Infiltration (m^3/yr)	249	762	0	2027	17157	0	700	0	0	18	0	8	0	281	997	16	219	1490	0	18	366	24309
Runoff Pervious Areas (m^3/yr)	249	0	0	2027	0	0	700	0	0	102	0	8	0	0	902	16	0	1219	0	102	331	5658
Runoff Impervious Areas (m^3/yr)	0	2286	226	0	3028	5802	0	8212	1263	0	23552	0	354	5348	0	0	657	0	1354	0	0	52082
Total Runoff (m^3/yr)	249	2286	226	2027	3028	5802	700	8212	1263	102	23552	8	354	5348	902	16	657	1219	1354	102	331	57740
Total Outputs (m^3/yr)	1402	3811	282	11428	25231	7252	3948	10265	1579	151	29440	44	443	7036	5353	92	1095	7639	1693	151	1967	120301
Difference (Inputs - Outputs)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

Catchment areas based upon Tatham Engineering "Post-Development Drainage Plan" dwg. DP-2 dated October 2024

*Evaporation from impervious areas was assumed to be 20% of precipitation. Asphalt has 0% infiltration capability.

Does NOT include the existing residential home (would be within catchment 202)

Low Density Single Lots: Assume rooftops cover about 60% of the lot. Driveways cover about 15% of the lot; Grass (lawns) cover about 25% of the lot.

Medium Density Townhouse Lots: Assume rooftops cover about 65% of the lot. Driveways cover about 10% of the lot; Grass (lawns) cover about 25% of the lot.

Appendix E.5
Water Budget Summary

PARAMETER	SITE														
	Pre-Development			Post-Development (no mitigation)						Post-Development (with LIDs)					
	TOTAL	*Catchment 100*	*Catchment 101*	*TOTAL*	*Difference Pre- vs. Post-*	*Catchment 100*	*Difference Pre- vs. Post-*	*Catchment 101*	*Difference Pre- vs. Post-*	*Post-Development With Mitigation*	*Difference Pre- vs. Post-*	*Catchment 100*	*Difference Pre- vs. Post-*	*Catchment 101*	*Difference Pre- vs. Post-*
INPUTS (VOLUMES)															
Precipitation (m^3/yr)	120302	5494	114807	120301	0%	5494	0%	114807	0%	120301	0%	5494	0%	114807	0%
Run On (m^3/yr)	0	0	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other Inputs (m^3/yr)	0	0	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Total Inputs (m^3/yr)	120302	5494	114807	120301	0%	5494	0%	114807	0%	120301	0%	5494	0%	114807	0%
OUTPUTS (VOLUMES)															
Precipitation Surplus (m^3/yr)	42977	1949	41028	82049	91%	3771	94%	78278	91%	82049	91%	3771	94%	78278	91%
Net Surplus (m^3/yr)	42977	1949	41028	82049	91%	3771	94%	78278	91%	82049	91%	3771	94%	78278	91%
Evapotranspiration (m^3/yr)	77325	3545	73779	38252	-51%	1723	-51%	36529	-50%	38252	-51%	1723	-51%	36529	-50%
Infiltration (m^3/yr)	20111	877	19234	6171	-69%	249	-72%	5923	-69%	6171	-69%	249	-72%	5923	-69%
Rooftop Infiltation (m3/yr)	76	0	76	--	--	--	--	--	--	--	--	--	--	--	--
%Soakaway Pit Infiltration Factor	--	--	--	--	--	--	--	--	--	85%	--	85%	--	85%	--
Rooftop to Soakaway Pit Infiltration (m^3/yr)	--	--	--	0	--	0	--	0	--	17157	--	0	--	17157	--
Total Infiltration (m^3/yr)	20187	877	19310	6171	-69%	249	-72%	5923	-69%	24309	20%	1011	15%	23299	21%
Runoff Pervious Areas (m^3/yr)	22638	1072	21566	5658	-75%	249	-77%	5409	-75%	5658	-75%	249	-77%	5409	-75%
Runoff Impervious Areas (m^3/yr)	152	0	152	70220	210%	3274	0%	66946	43820%	52082	34069%	2512	0%	49570	32421%
Total Runoff (m^3/yr)	22790	1072	21718	75878	233%	3523	229%	72355	233%	57740	153%	2761	158%	54979	153%
Total Outputs (m^3/yr)	120302	5494	114807	120301	0%	5494	0%	114807	0%	120301	0%	5494	0%	114807	0%