

Appendix M – Groundwater Report



407 TRANSITWAY – WEST OF BRANT STREET TO WEST OF HURONTARIO STREET
MINISTRY OF TRANSPORTATION - CENTRAL REGION

July 6, 2020

Project No. 1663821

Ms. Sowel Kang

LGL Limited
PO Box 280
22 Fisher Street
King City, ON L7B 1G3

**SECONDARY SOURCE GROUNDWATER INVESTIGATION AND IMPACT ASSESSMENT 407 TRANSITWAY
FROM WEST OF BRANT STREET TO WEST OF HURONTARIO STREET**

Dear Ms. Kang,

Golder Associates Ltd. (“Golder”) was retained by LGL Limited (“LGL”) on behalf of Parsons Corporation (“Parsons”) and the Ministry of Transportation (“MTO”) to carry out a secondary source groundwater investigation and impact assessment for an approximately 43 km section of the proposed 407 Transitway from west of Brant Street in the City of Brampton to West of Hurontario Street in the City of Mississauga. The secondary source groundwater investigation and impact assessment consisted of a review of existing background hydrogeological information, a visual “windshield reconnaissance” to document existing hydrogeological conditions and an assessment of the potential impact on groundwater resources of the proposed 407 Transitway.

A hydrogeological analysis will be conducted and provided to MECP for review during Detail Design where there may be construction dewatering under flowing artesian conditions, or where there are nearby wells, and where deep excavations, or tunnelling are required. Mitigation strategy, including contingency plan will be developed for cases where potential impacts are predicted.

In vulnerable areas that may not be identifiable through high-level studies, additional detailed studies may be conducted, such as door-to-door well surveys to identify shallow dug wells which may not have been included in the MECP Water Well Records (WWR). Where there is potential for well interference, it will be confirmed that there is a suitable alternative water supply available.

Background

The MTO is undertaking the Planning Phase, the Environmental Assessment (EA) and the Preliminary Design for the 407 Transitway from west of Brant Street to west of Winston Churchill Boulevard.

The study will follow the Transit Project Assessment Process (TPAP) prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act*. The 407 Transitway will be a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. This section of the transitway facility will consist of 43 km of runningway and a number of stations. The station layouts will include vehicular and pedestrian access(es), park and ride and pick-up/drop off (PPUDO)

facilities, bus lay bay facilities, on street integration with local transit, shelters, buildings and other amenities. The transitway and the stations will initially be designed to support a two-lane busway service with provisions for future conversion to a two-track light-rail transit technology.

This 43 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The 43 km section of the 407 Transitway extends from west of Brant Street to west of Hurontario Street in the City of Burlington, Town of Oakville, Town of Milton, Town of Halton Hills, City of Brampton and the City of Mississauga. The study area includes an approximately 1,000 m wide corridor centred on the existing 407 ETR as shown on Figures 1 and 2 (i.e., the "study area").

Information Review

The purpose of the information review has been to identify hydrogeological conditions and resources in the study area which could impact the construction of the 407 Transitway route/station locations, and to identify existing groundwater resources that could be impacted by the 407 Transitway construction. This information was used to assist in identifying a preferred route alignment and station locations for the Transitway within the study area. For the purposes of this letter-report, hydrogeological features such as shallow geology, significant groundwater recharge and discharge areas, municipal wellhead protection areas, groundwater dependent commercial enterprises, existing water wells and areas of shallow water table were considered.

The hydrogeological information reviewed as part of this summary of existing conditions has included:

- Information contained in water well records for the study area available from the Ontario Ministry of the Environment, Conservation and Parks ("MECP");
- Quaternary geological mapping for the study area available from the Ontario Geological Survey;
- Topographic mapping from the National Topographic Survey Toporama web site 1:50,000;
- Aerial photographs;
- Wellhead protection area mapping and municipal water supply information available on-line from the Regional Municipality of Halton; and,
- A windshield visual study area reconnaissance from public roadways on November 16 and 17, 2017 and on July 9, 2018.

Geology

The study area is associated with the existing 407 ETR right-of-way, which passes through primarily rural and agricultural areas lying north of the urbanized areas of the City of Burlington, Town of Oakville and west of the City of Mississauga. The westernmost 4 km and of the study area between Dundas Street and Brant Street and the easternmost portion of the study area east of the Credit River lies within an area of residential development.

Overall, the study area is relatively flat lying and rises from an elevation of approximately 125 m above sea level (“masl”) at the west project limit to an elevation of 210 masl at the east project limit. Much of the elevation change occurs in the west 4 km of the study area from Brant Street to Dundas Street where the elevation rises 35 m from 125 masl to 160 masl. East of the main branch of Sixteen Mile Creek to the east project limit the elevation rises from 185 masl to 210 masl.

The study area is crossed by a number of streams and their tributaries: East Sixteen Mile Creek, Joshua’s Creek, Fourteen Mile Creek, Sixteen Mile Creek, Bronte Creek, Sheldon Creek, Shoreacres Creek, Tuck Creek, Roseland Creek, Hager Creek, Rambo Creek, Mullett Creek, Levi’s Creek, Credit River and Fletcher’s Creek. These streams range from first order intermittent tributaries to the main channel of the Credit River.

A wetland area is shown on the topographic map approximately 400 m west of Winston Churchill Boulevard, in the area now occupied by a stormwater management pond. Wetland areas and ponds are also present within the study area between E Baseline Road and Highway 401. In addition, in this area, a tributary of East Sixteen Mile Creek parallels the existing Highway 407ETR, primarily east of the travelled portion of the highway.

Deeply incised stream valleys associated with Sixteen Mile Creek (approximately 45 m deep) and Bronte Creek (approximately 25 m deep) cross the relatively flat lying study area. A broad valley and flood plain associated with the Credit River (approximately 15 m deep) crosses the study area east of Mississauga Road. These stream valleys have downcut through the overlying quaternary sediments into the underlying bedrock.

Surface geology mapping as presented on recent Ontario Geological Survey/Geological Survey of Canada electronic compilation were reviewed by Golder (See Figure 3, attached). Based on the Quaternary geology mapping, the study area is generally underlain by an extensive plain of relatively fine grained glacial till deposits. Bedrock underlying the overburden deposits consists of shale bedrock with limestone interbeds of the Queenston Formation. The deep valleys of Sixteen Mile Creek, Bronte Creek and the Credit River have downcut through the till plain into the underlying bedrock. At the bottom of the Sixteen Mile Creek and the Credit River valleys, recent stream deposits of sand are mapped. In the east portion of the study area around Britannia Road and between Derry Road and Lower Baseline Road, an area of post-glacial lake deposits of silt and clay and sand are mapped. Other localized post-glacial lake deposits of clay and silt and sand are mapped between Derry Road and the east project limits.

Based on the well record cross-sections as shown on Figures 5A through to 5D, the local geology in the study area generally consists of up to 20 m of glacial till or clay overburden over shale bedrock. In some wells, bedrock was encountered at less than 10 m below ground surface, particularly in the west and central portions of the study area west of the Highway 403 and 407 ETR interchange. Zones of sand within the overburden were reported beneath the fine-grained till and clay sediments in some of the records. The top of the bedrock was reported at elevations up to 195 masl in the east portion of the study area and dipping to an elevation of approximately 144 masl near the west project limits.

Based on the surficial geology of the study area, widespread, significant areas of groundwater recharge are not expected. Localized areas of increased groundwater recharge associated with post-glacial lake deposits of sand in the east portion of the study area may be present.

Groundwater discharge is expected to be limited to the lower elevation stream valley areas in the study area. Given the local fine-grained geology, the field observations of the stream crossings and the relative elevations of the streams, only the deep valleys associated with Bronte Creek, Sixteen Mile Creek and the Credit River are

expected to be significant groundwater discharge areas, although it is likely that minor groundwater discharge is occurring in the other stream channels as well.

Groundwater Resources

Based on a review and plot of the MECP well records and field observations, water wells are in use throughout the study area; however, it is likely given the expansion of the urban area of the City of Burlington around the study area between Dundas Street and Brant Street that municipal water supplies are available in that area. Likewise, east of the Credit River in Mississauga and in the vicinity of Mississauga Road and Winston Churchill Boulevard, it is likely that municipal water supplies are present.

Based on a review of the well records, there are a total of 482 well records within the study area. Summary tables of well records are presented in Appendix A following the text of this report. The locations of the wells and corresponding hydrogeological cross-sections, based on the information provided in the well records, are shown on the attached Figure 4 and Figures 5A through 5D. A summary of the well record information is presented in the following table:

Well Record Information	Number of Wells	Comments
Total Recorded Wells	482	It is common for shallow dug wells, well points to be not recorded
Drilling Method		
Bored/Dug/Driven	177	
Cable Tool, Rotary Drilling	235	
Not Specified	63	
Use – where indicated		
Public Supply	14	Typically schools, churches, public facilities
Municipal Supply	2	Two wells at same location, plotted within Highway 401 right of way on edge of study area. Drilled in 1962.
Domestic Supply	265	
Commercial	16	
Agricultural (Irrigation, Stock)	23	
Monitoring Wells	41	
Unspecified	92	
Data		
Depth < 10 m	81	
Depth >10 m <30 m	284	

Well Record Information	Number of Wells	Comments
Depth >30 m	49	
Bedrock Aquifer	222	
Overburden Aquifer	185	
Static water Level < 3 m bgs	83	
Flowing wells	8	
High Volume Well >100 L/min test rate	4	

Of the 482 well records, 349 records are for water supply production wells, with 265 of those wells having been drilled for domestic supplies and the remainder for a combination of agricultural, commercial and public supply (schools, churches etc.). The remaining records were for test holes and observation wells or a use was not specified. Of the recorded wells, 177 were drilled by boring, digging or drive-point. Wells installed by this method are typically relatively shallow but only 81 of the wells were less than 10 m in depth. 284 of the wells were installed between 10 m and 30 m in depth and 49 wells were installed deeper than 30 m. Across the study area, a majority of the wells were drilled into bedrock (shale) aquifers, with a lesser number of wells being installed in the overburden.

The wells in general are relatively low volume producing wells which is not unexpected given the relatively fine-grained overburden and shale bedrock – only four wells had tested pumping rates above 100 L/min. Shallow static water levels were measured in 83 of the wells, all of them located in the study area east of approximately Tremaine Road at the Oakville/Burlington border and west of the Credit River.

A total of eight flowing wells were documented in the well records, six of which are located in the study area in the vicinity of the Highway 401 and 407 ETR interchange and south to Derry Road. Geologic mapping for this area shows glacial till at ground surface, but the well record cross-sections indicate the presence of water bearing sand layers beneath the till veneer at depths less than 3 m, which may be under flowing artesian conditions. The other two flowing wells are located directly east of the Credit River and along Trafalgar Road respectively. The presence of these flowing artesian water bearing zones may present challenges for the construction of the Transitway and infrastructure.

In general, the wells most susceptible to impact from the construction of the Transitway will be shallow wells (less than 10 m deep). As noted above, 81 of the recorded wells are shallow. Shallow wells are present throughout the Study Area.

During Detail Design, it will be confirmed properties along Trafalgar Road, west of the 407 ETR, and near Winston Churchill Boulevard and Mississauga Road have access to municipal water supplies prior to construction.

The presence of shallow stream valleys, wetlands and ponds in the vicinity of the study area suggest the possible presence of a high water table within the upland till plain portion of the study area. High water table should also be anticipated in the stream valleys which cross the study area.

As part of our assessment, we have considered the MECP's Interpretive Bulletin on Source Water Protection dated August 30, 2013. Based on on-line mapping available from the Regional Municipality of Halton: *Halton*

Region Water Distribution and Storage Facilities and Map 1D Municipal Wellhead Protection Zones, Region Official Plan (dated December 16, 2009) and approved November 28, 2014, there are no municipal wells or wellhead protection zones in the Region of Halton portion of the study area. There are a total of 25 municipal wells in Halton Region, located north of the study area, in the communities of Georgetown, Acton and Milton. Based on on-line source water protection mapping from CTC (Credit Valley, Toronto and Region and Central Lake Ontario Conservation Authorities), the Region of Peel does not have any wellhead protection areas within the study area. Municipal wells in the Region of Peel are located to the north and west in Georgetown, Caledon and Orangeville. Therefore, the project is not located in or near any well head protection areas or intake protection zones and does not pose a significant drinking water threat to municipal wells.

Summary

Based on our review of the above information, the following hydrogeologic conditions are noted:

- Wells are in use for a variety of purposes within the study area, but no large volume producing wells or municipal wells are thought to be present. Many of the wells are relatively shallow and construction activities have the potential to impact shallow groundwater supply wells. The potential for impact should be further assessed in subsequent phases of the project;
- The local geology generally consists of relatively fine grained glacial till and clay underlain by shale bedrock. Sand layers are present in places between the fine-grained surface deposits and the shale bedrock;
- A relatively shallow water table (i.e. less than 3m below ground surface) may be present throughout the study area and especially in the area of the Highway 401/407 ETR interchange and south to the Highway 403/ 407 ETR interchange, as well as the deeper valleys associated with Bronte Creek, Sixteen Mile Creek and the Credit River. Excavation and construction below the water table in saturated soils may present challenges, including the need for de-watering, especially in areas of sand deposits which are thought to be locally present within the study area;
- A total of eight flowing wells were documented in the well records, six of which are located in the study area in the vicinity of the Highway 401 and 407 ETR interchange and south to Derry Road. The presence of these flowing artesian water bearing zones may present challenges for the construction of the Transitway and infrastructure.
- Given the relatively fine-grained nature of the soils mapped and logged in the information reviewed, the study area is not generally an area of significant groundwater recharge. Some localized areas of higher groundwater recharge may be associated with the mapped sand areas; and,
- Areas of groundwater discharge are expected in stream channels and valley bottoms.

Groundwater Impact Assessment

The runningway and stations are shown on three figures provided by LGL and included in Appendix A of this report. The 407 Transitway lies adjacent to 407 ETR throughout the project limits with a deviation along a railway and utility corridor between Winston Churchill Boulevard and Derry Road. Stations and a maintenance yard are proposed along the runningway at Dundas Street, Appleby Line, Regional Road 25, Trafalgar Road, Britannia Road, Derry Road, Winston Churchill Boulevard and Mississauga Road.

The groundwater impact assessment is based on similar transportation construction projects with consideration of the potential works to be undertaken. Construction activities associated with the development of the 407 Transitway are expected to consist of construction of the Transitway road bed and pavement, drainage

infrastructure, bridges and culverts for road and stream crossings, station vehicular and pedestrian access (es), park and ride and passenger pick-up/drop off (PPUDO) facilities, bus lay-by facilities, on street integration with local transit, shelters, buildings and other amenities.

Most physical interaction with groundwater is expected to be as a result of deep excavations below the water table. Most excavation activities for the project are expected to be relatively shallow; however, deeper excavations may be necessary for bridge, buried utility and sewer construction. Prior to construction, the potential impact of the proposed construction works should be reassessed, with further investigation and monitoring carried out as necessary.

Physical Alteration of Existing Groundwater Regime

Based on potential construction works and the hydrogeologic conditions, potential alterations to the groundwater regime include:

- Construction excavation below the water table. Given the relatively fine-grained soil which predominates through the study area it is expected that construction excavation below the water would result in localized lowering of the water table which should be temporary and recover once the excavations are backfilled. Consideration should be given to installation of trench plugs in permanent buried services where warranted by the proposed construction design and local groundwater resources to prevent permanent lowering of the water table;
- Profile lowering and drainage improvements which have the potential to permanently de-water or lower the local water table;
- Bridge construction may cause temporary impact to local groundwater discharge to water courses; however, this impact is expected to be temporary once water table conditions equilibrate around the new structures;
- Impacts associated with any positive dewatering implemented during construction. There is a strong possibility of positive dewatering being needed for bridge crossings for the deeper stream valleys and may be required elsewhere for culvert and buried utility construction, although this is considered less likely given the relatively fine grained soil in the study area. The measured impacts and effective radius of influence from any dewatering will be dependent on specific local hydrogeologic conditions and should be reviewed by a qualified hydrogeologist and additional investigation completed as necessary prior to construction. The impacts associated with the construction dewatering activities are expected to be temporary. It should be noted that any pumping of water for road construction above 50,000 litres per day requires either registration on the Environmental Activity and Sector Registry ("EASR" - under certain criteria) or a Permit to Take Water from the MOECC.

Given the generally fine-grained soil expected to underlie much of the study area, the impact of any physical alteration of the groundwater flow system is not expected to be widespread, however, this should be re-assessed prior to construction based on additional site specific hydrogeologic data.

Impact on Groundwater Recharge and Discharge

A reduction in groundwater recharge to the subsurface will occur as a result of the expansion or construction of impermeable pavement surfaces. It is expected that new impermeable surfaces associated with the Transitway runningway and the station locations will reduce the overall recharge within the study area.

Based on the review of local surface geology maps, most of the flat lying upland areas of the proposed Transitway study area are underlain by relatively fine grained post-glacial lake sediments and glacial deposits of clayey silt till. As such, most of the study area would not be considered to represent an area of significant groundwater recharge. Exceptions to this are the areas of relatively sandy soil in the Sixteen Mile Creek Valley, Credit River Valley and small area between Derry Road and Britannia Road.

Based on the relatively large regional areas from which the local watersheds and aquifers derive recharge and the relatively low rate of groundwater recharge currently expected in most of the study area, the effect of the potential reduction in overall groundwater recharge is not expected to be significant. It is unlikely that the potential reduction in recharge would produce a measurable effect on groundwater recharge and discharge functions, including baseflow in streams.

Recharge lost to impermeable surfaces can in part be mitigated by direction of runoff to natural ground surfaces, by the construction of permeable pavements or by other low-impact development infiltration (LIDs) techniques where suitable. As noted above there are likely limited areas that are suitable for the implementation of LIDs given the relatively fine grained soil and high water table throughout the study area. Actual opportunities for LID construction should be assessed through subsequent project design phases once actual subsurface hydrogeological data is available.

Discharge functions within the study area may be reduced as a result of the proposed construction. Profile lowering activities could reduce the existing hydraulic gradients to an extent where a reduction in groundwater discharge is possible. Given the relatively small area of the construction activities compared to overall drainage basin areas, a localized decrease in discharge is not expected to be measurable. Further, given the relatively flat-lying study area, it is not anticipated that significant profile lowering will be required.

Discharge functions at the bridge construction locations may be impacted temporarily during construction activities; however, this impact is expected to be negligible post-construction once water table conditions equilibrate around the new structures.

Water Well Interference

Concerns regarding water well supply interference will be for only those wells that remain in active use. Based on a review and plot of the MECP well records and field observations, water wells are in use throughout the study area; however, it is likely given the expansion of the urban area of the City of Burlington between Dundas Street and Brant Street that municipal water supplies are available in that area. Likewise, east of the Credit River in Mississauga and in the vicinity of Mississauga Road and Winston Churchill Boulevard, it is likely that municipal water supplies are present. Elsewhere, the 407 Transitway is located adjacent to the limit of municipal water servicing and water wells will likely be in use generally to the north and west of the runningway and station locations. Field observations indicate the potential for private water wells in the vicinity of the proposed stations at Dundas Street, Regional Road 25, Trafalgar Road, Britannia Road and Derry Road.

As noted above, the study area is not located in the vicinity of any municipal wells or wellhead protection areas.

Water wells may be susceptible to quality and/or supply interference during construction as a result of active aquifer dewatering, passive dewatering from groundwater seepage into excavations, sediment mobilization in the wells from construction equipment vibration and chemical impacts related to fueling and de-icing salt application. Chemical impacts are discussed further below.

In general, shallow wells (< 10 m deep) are the most susceptible to physical impacts including sediment mobilization. Given the relatively fine-grained soils in the area, the small proportion of shallow wells and the anticipated relatively shallow excavations for the construction of the 407 Transitway, we do not anticipate widespread well interference issues. Any physical impacts of the type outlined above should be temporary and abate once the groundwater table has recovered post construction. Nevertheless, we recommend that the potential for water well interference be further assessed by a qualified hydrogeology specialist through subsequent project design phases and that additional investigation and monitoring be carried out as necessary.

Potential for Groundwater Contamination

The development of the Transitway has the potential to impact groundwater quality with corresponding risk to water well users and ecological receptors.

Groundwater is susceptible to impact by de-icing salt application. Because of the mobility of road salt constituents, mitigation of road salt impacts is difficult. However, where practical, road salt application within the right-of-way should be at the minimum levels allowed within the context of MTO's standard road salt application procedures. Given that the project consists of the construction of a new runningway and station areas, a new area of salt application will result from the construction of the project. Consideration to establishing baseline water quality in nearby shallow water wells should be assessed.

Mobile vehicle re-fuelling during construction presents a risk of impact to groundwater as a result of accidental releases of fuel. This risk can be minimized or managed by allowing re-fuelling only in designated areas, preferably situated on a paved, impermeable surface and by having an emergency response plan in place to clean up all releases of fuel.

Impact of High Water Table

Areas of high water table (i.e., less than 3 metres below ground surface) may affect construction progress and technique. Based on topography, geology and field observations there is the potential for a high water table to be present within the study area. Based on the review of local surface geology maps, most of the flat lying upland areas of the proposed 407 Transitway study area are underlain by relatively fine grained post-glacial lake sediments and glacial deposits of clayey silt till. Exceptions to this are the areas of relatively sandy soil in the Sixteen Mile Creek Valley, Credit River Valley and small area between Derry and Britannia Road.

In areas of relatively fine grained soils such as till or clay, the presence of the high water table should not represent a significant constraint for construction. For areas of relatively coarse silt and sand such as those thought to exist in the Sixteen Mile Creek Valley, Credit River Valley and the area between Derry and Britannia Road the presence of a high water table could impact on construction techniques and progress. Excavation and construction below the water table in saturated sandy and/or silty soils may present challenges, including the need for de-watering and the increased potential for water well interference.

While not strictly a high water table issue, a total of eight flowing wells were documented in the well records, six of which are located in the study area in the vicinity of the Highway 401 and 407 ETR interchange and south to Derry Road. Geologic mapping for this area shows glacial till at ground surface, but the well record cross-sections indicate the presence of water bearing sand layers beneath the till veneer at depths less than 3 m, which may be under flowing artesian conditions. It is possible that the overlying glacial till confining layer has allowed for artesian pressure to develop in the underlying sand aquifer. The presence of these flowing artesian water bearing zones may present challenges for the construction of the Transitway and infrastructure. Excavations

into the underlying sand or even within the overlying confining layer may result in difficult to manage groundwater flow. This issue should be considered further based on final designs and site specific subsurface investigations.

The other two flowing wells are located directly east of the Credit River and along Trafalgar Road respectively. The plot of water well locations suggest that the Trafalgar Road flowing well maybe be within the footprint of the proposed station location. No stratigraphic information for this well was recorded on the well record and it is not possible to speculate on the potential impact on construction. This issue should be investigated further at subsequent design phases.

It should be noted that any pumping of water for road construction above 50,000 litres per day requires either registration on the Environmental Activity and Sector Registry (“EASR” - under certain criteria) or a Permit to Take Water from the MOECC. It is recommended that the Transitway selected design and future subsurface investigation data be reviewed prior to construction to further assess the impact of the suspected areas of high water table.

Summary

Based on the review of available published information, our windshield reconnaissance, and the expected construction activities, there is potential for impact to groundwater resources as a result of:

- Construction de-watering;
- Installation of structures and buried utilities below the water table;
- Road profile lowering in areas of high water table;
- Increased use of road salt over a larger area associated with the new Transitway alignment; and,
- Fuel releases during construction.

It is recommended that the potential impacts be reassessed along with more detailed site specific hydrogeological data prior to construction of the project and appropriate mitigation measures incorporated into the design. Based on the findings of the re-assessment, EASR registration or Permit(s) to Take Water for construction should be applied for as necessary.

Closure

This groundwater assessment presents a generalized interpretation of hydrogeological conditions and has been based on available background information in addition to a limited windshield reconnaissance as outlined above. Hydrogeological conditions within the study area will vary locally and are subject to confirmation with actual site specific investigations including (but not limited to) boreholes, monitoring wells, test pits, groundwater hydraulic testing, chemical analysis, etc. The potential impact of the proposed construction works on groundwater should be re-assessed and further investigation and monitoring carried out as necessary prior to construction.

We trust that this secondary source groundwater investigation meets your requirements. Should you have any questions please contact the undersigned.

Yours truly,

Golder Associates Ltd.



Christi Groves, B.Sc. (Hons)
Senior Environmental Scientist



Shawn Lytle, P.Geo.
Senior Hydrogeologist, Principal

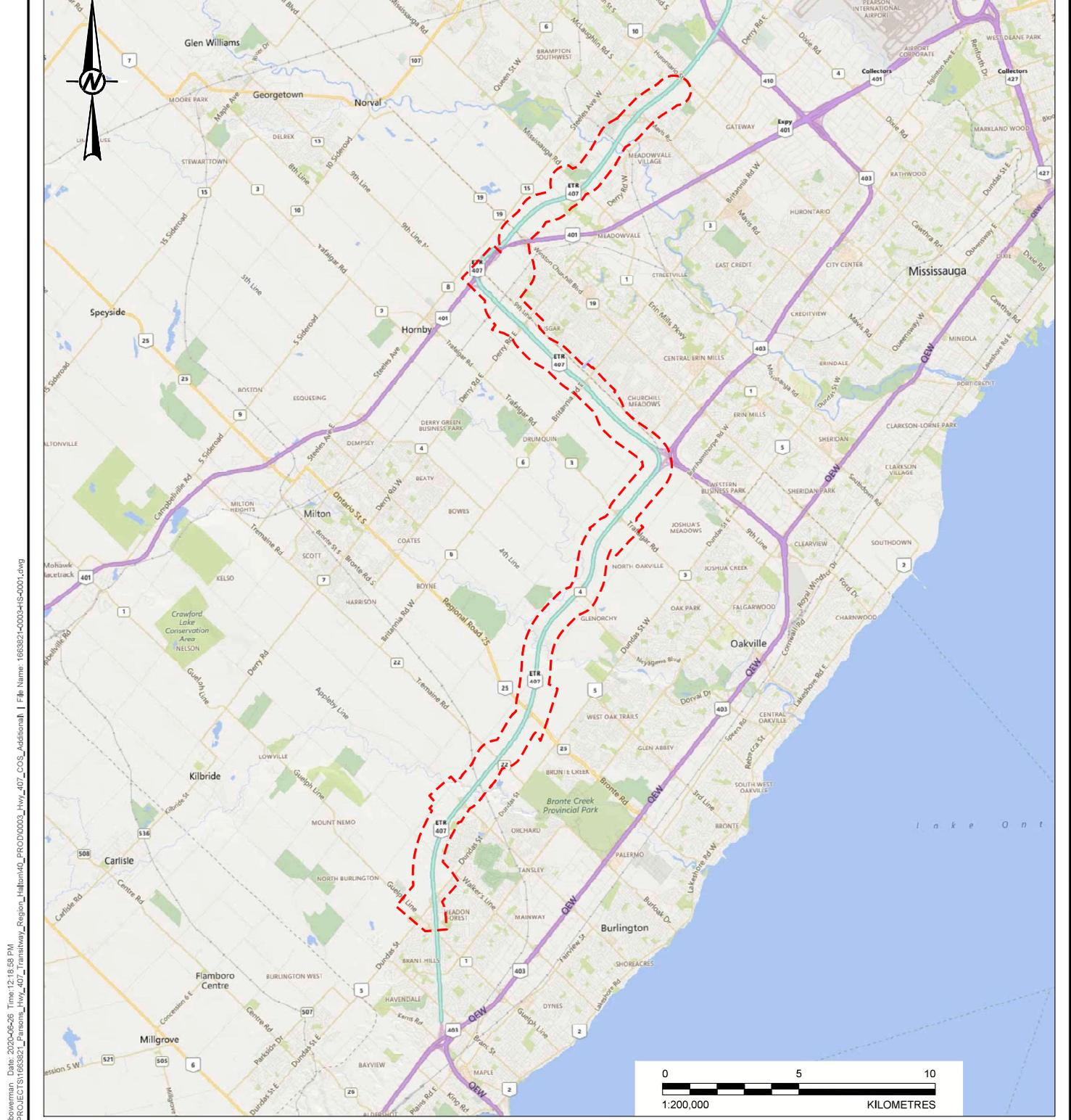
SDL/CLG/cdr

Attachments: Figures 1 through 6D
Appendix A – Well Records

[https://golderassociates.sharepoint.com/sites/11588g/shared documents/reports/draft reports/1663821 rep 2020'07'06 ssgi 407 transit 4 impact assessment_final rev1.docx](https://golderassociates.sharepoint.com/sites/11588g/shared%20documents/reports/draft%20reports/1663821%20rep%202020%2007%2006%20ssgi%20407%20transit%204%20impact%20assessment_final%20rev1.docx)

FIGURES

Figures 1 through 6D



Last Edited By: showman Date: 2020-06-26 Time: 11:37:54 AM | Printed By: Showman Date: 2020-06-26 Time: 12:18:58 PM
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LEGEND

--- STUDY AREA BOUNDARY

REFERENCE(S)

BASE IMAGERY - © 2017 GOOGLE EARTH
 PRODUCED BY GOLDER ASSOCIATES LTD UNDER LICENSE FROM ONTARIO MINISTRY OF NATURAL RESOURCES © QUEENS PRINTER 2017
 PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 17N

CLIENT
LGL LIMITED ENVIRONMENTAL RESEARCH ASSOCIATES

PROJECT
407 TRANSITWAY, WEST OF BRANT STREET, CITY OF BURLINGTON, REGION OF HALTON TO WEST OF HURONTARIO STREET, CITY OF BRAMPTON

CONSULTANT
 YYYY-MM-DD 2020-06-26

TITLE
REGIONAL LOCATION MAP



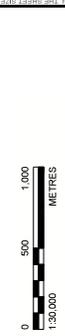
DESIGNED
 PREPARED STB
 REVIEWED CLG
 APPROVED SL

PROJECT NO. 1663821 CONTROL 0003 REV. A FIGURE 1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS/A 26 mm



NOTES:
REFER TO REQUIRE 2 FOR COMPLETE LEGEND AND REFERENCES



CLIENT
LGL LIMITED ENVIRONMENTAL RESEARCH ASSOCIATES

PROJECT
407 TRANSITWAY, WEST OF BRANT STREET, CITY OF
BURLINGTON, REGION OF HALTON TO WEST OF
HURONTARIO STREET, CITY OF BRAMPTON
TITLE
AREA LOCATION MAP

CONSULTANT
YTTY-AMADDO 2020-06-28
DESIGNED
PREPARED
REVIEWED
APPROVED

GOLDER
PROJECT NO. 1663821 CONTROL 0003 REV. A
FIGURE 3

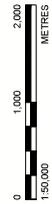
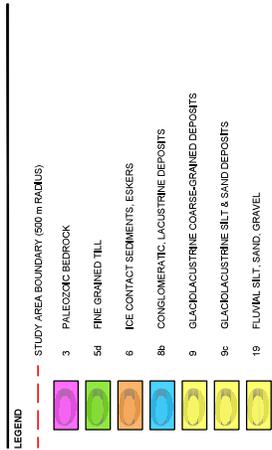
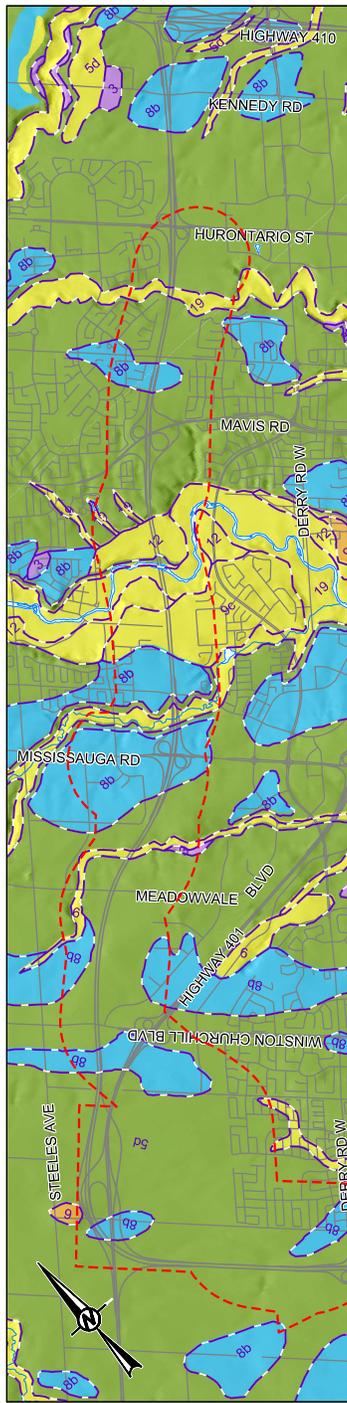
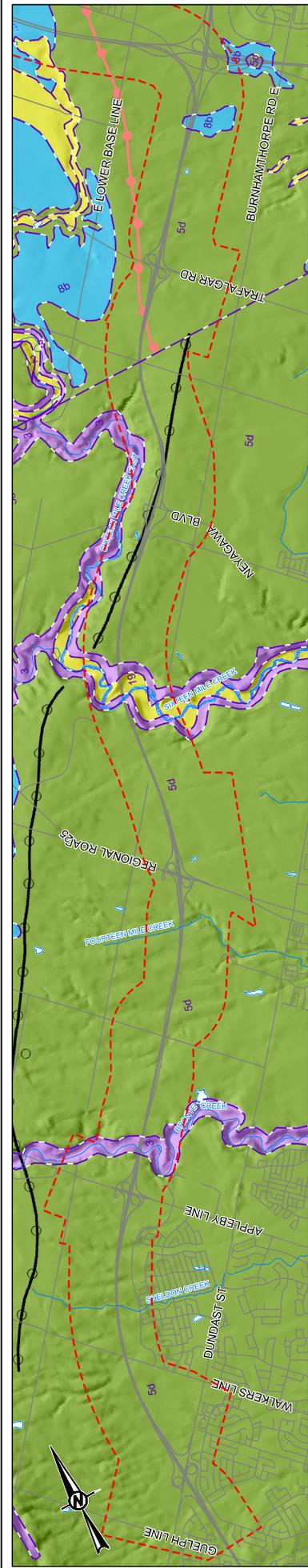
LOCATION NUMBER	LOCATION DESCRIPTION	LOCATION DESCRIPTION	LOCATION DESCRIPTION
35	INDUSTRIAL HYDRO ONE TRANSFORMER STATION - 1600 TO 1610 EAST LOWER BASE LINE	FORMER INFRASTRUCTURE - 7800 TENTH LINE WEST	COMMERCIAL / INDUSTRIAL (MULTI-TENANT) - 60 HEREFORD ST
37	INDUSTRIAL HYDRO ONE TRANSFORMER STATION - 4775 NINTH LINE	COMMERCIAL (HARVEST BIBLE CHURCH)	COMMERCIAL / INDUSTRIAL - 125 EDGEWARE RD
38	INDUSTRIAL / INDUSTRIAL - 3885 PATMUNDURNE	COMMERCIAL INDUSTRIAL (DRYCLEANER AND AUTO SERVICES) - 1555 ARBUTHNOT ROAD	COMMERCIAL / INDUSTRIAL - 1785 DON'TS CHOICE CIRCLE
39	COMMERCIAL / INDUSTRIAL - 3885 PATMUNDURNE	COMMERCIAL INDUSTRIAL (DRYCLEANER AND AUTO SERVICES) - 1555 ARBUTHNOT ROAD	COMMERCIAL / INDUSTRIAL - 1785 DON'TS CHOICE CIRCLE
40	CHURCHILL MEADOWS ANIMAL HOSPITAL	COMMERCIAL / INDUSTRIAL (DRYCLEANER AND AUTO SERVICES) - 1555 ARBUTHNOT ROAD	STREETNALL GLEN GOLF COURSE - 1296 HALSTONE ROAD
41	COMMERCIAL PLAZA (INCLUDING DRYCLEANER) - 3965 BRANT CENTRE BOULEVARD	COMMERCIAL INDUSTRIAL (VEHICLE STORAGE) - 1622 - 1622 - 1622 STEELES AVE AND 786 TENTH LINE	COMMERCIAL / INDUSTRIAL - 7298 W CREDIT AVENUE
42	COMMERCIAL INDUSTRIAL (VEHICLE STORAGE) - 3476 NINTH LINE	COMMERCIAL (VEHICLE STORAGE) - 7698 AND 7895 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL / PHARMACEUTICAL - 7383 MISSISSAUGA RD
43	COMMERCIAL (SEVEN LEVEL) GAS STATION - 3955 THOMAS STREET	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (PHARMACEUTICAL) - 7383 MISSISSAUGA RD
44	COMMERCIAL INDUSTRIAL (VEHICLE AND BENT STORAGE) - 3578 NINTH LINE	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (PHARMACEUTICAL) - 7383 MISSISSAUGA RD
45	COMMERCIAL INDUSTRIAL (VEHICLE STORAGE) - 3228 MISSISSAUGA RD	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (PHARMACEUTICAL) - 7383 MISSISSAUGA RD
46	COMMERCIAL PLAZA	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (PHARMACEUTICAL) - 7383 MISSISSAUGA RD
47	COMMERCIAL / INDUSTRIAL (INDUSTRIAL) - 4432 NINTH LINE	MEADOWLARKS APARTS - 2800 MEADOWVALE BLVD AND 7751 WILSON CHURCHILL BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
48	COMMERCIAL / INDUSTRIAL (INDUSTRIAL) - 4432 NINTH LINE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
49	COMMERCIAL / INDUSTRIAL (INDUSTRIAL) - 4432 NINTH LINE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
50	COMMERCIAL / INDUSTRIAL (INDUSTRIAL) - 4432 NINTH LINE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
51	COMMERCIAL / INDUSTRIAL (INDUSTRIAL) - 4432 NINTH LINE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
52	COMMERCIAL / INDUSTRIAL (INDUSTRIAL) - 4432 NINTH LINE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
53	HYDRO TOWER CORRIDOR (RAILWAY) - RAIL LINE - 250 WEST OF DERRY RD AND HWY 407 INTERCHANGE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
54	HYDRO TOWER CORRIDOR (RAILWAY) - RAIL LINE - 250 WEST OF DERRY RD AND HWY 407 INTERCHANGE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
55	HYDRO TOWER CORRIDOR (RAILWAY) - RAIL LINE - 250 WEST OF DERRY RD AND HWY 407 INTERCHANGE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
56	HYDRO TOWER CORRIDOR (RAILWAY) - RAIL LINE - 250 WEST OF DERRY RD AND HWY 407 INTERCHANGE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
57	HYDRO TOWER CORRIDOR (RAILWAY) - RAIL LINE - 250 WEST OF DERRY RD AND HWY 407 INTERCHANGE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
58	GARY WIMBORER (PUBLIC BUREAU OFFICE)	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
59	GOLF DRIVING RANGE - 7765 NINTH LINE	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
60	COMMERCIAL / INDUSTRIAL	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
61	COMMERCIAL / INDUSTRIAL	COMMERCIAL INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
62	FORMER INFRASTRUCTURE - 7800 TENTH LINE WEST	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
63	COMMERCIAL (HARVEST BIBLE CHURCH)	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
64	COMMERCIAL INDUSTRIAL (DRYCLEANER AND AUTO SERVICES) - 1555 ARBUTHNOT ROAD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
65	COMMERCIAL INDUSTRIAL (DRYCLEANER AND AUTO SERVICES) - 1555 ARBUTHNOT ROAD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
66	COMMERCIAL INDUSTRIAL (DRYCLEANER AND AUTO SERVICES) - 1555 ARBUTHNOT ROAD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
67	COMMERCIAL INDUSTRIAL (VEHICLE STORAGE) - 1622 - 1622 - 1622 STEELES AVE AND 786 TENTH LINE	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
68	COMMERCIAL (VEHICLE STORAGE) - 7698 AND 7895 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
69	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
70	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
71	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
72	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
73	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
74	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
75	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
76	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
77	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
78	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
79	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
80	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
81	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
82	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
83	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
84	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
85	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
86	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD
87	COMMERCIAL (SAFE SELF STORAGE) - 7954 WINSTON CHURCHILL BOULEVARD	COMMERCIAL / INDUSTRIAL (COLD STORAGE) - 2680 MEADOWVALE BLVD	RESIDENTIAL - 7494 CREDITVIEW ROAD

LEGEND

YTTY-AMADDO 2020-06-28
DESIGNED
PREPARED
REVIEWED
APPROVED



PROJECT NO. 1663821 CONTROL 0003 REV. A
FIGURE 3



REFERENCE(S)
 BASE DATA -- CGS 2006, © QUEEN'S PRINTER 2017
 NATURAL RESOURCES CANADA, 2017
 NATURAL RESOURCES CANADA, 2017
 PROJECTION, TRANSVERSE MERCATOR, DATUM, NAD 83, COORDINATE SYSTEM UTM ZONE 17N

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 LGL LIMITED ENVIRONMENTAL RESEARCH ASSOCIATES

DESIGNED	STB
PREPARED	CLG
REVIEWED	SL
APPROVED	



CONSULTANT
 YYY-AAA-DD 2020-06-26

PROJECT
 407 TRANSITWAY, WEST OF BRANT STREET, CITY OF
 BURLINGTON, REGION OF HALTON TO WEST OF
 HURONTARIO STREET, CITY OF BRAMPTON

TITLE
 QUATERNARY GEOLOGY

PROJECT NO.
 1663821

CONTROL
 0003

REV.
 A

FIGURE
 4

THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN. THE SHEET SIZE HAS BEEN MODIFIED FROM A4 TO A3

PLAN LEGEND

- Shallow Dug or Bored <10 m
- Deep Bored Well >10 m
- Drilled Overburden Well
- Test or Observation Well
- Drilled Bedrock Well
- Municipal / Public Supply

SOIL PATTERN LEGEND AND GENERIC SHADING

Unknown	Unoxidized Clay	Blue, Grey White, or Undefined
Peat/loam	Oxidized Clay	Brown, Red, Yellow
Sands & Gravels	Silt	Silt
Granular Till	Sand	Gravel
Silt	Stones, Pebbles	Silt Clayey
Clay	Boulder	Clay
Till	Till	Till
Limestones	Shale	Limestones
Shales	Limestone	Shales
Undifferentiated	Crystalline Rock	Undifferentiated

SECTION WELL SYMBOLS

- MOE Recorded Private Well
- Recorded Static Water Level
- Water Producing Zone
- Screen
- Flowing Well

NOTES:
 Ministry of Environment Water Well Information System, Queen's Printer.
 Location and elevations of field verified wells are subject to revision.
 Boundaries between soil strata have been determined only at well and test well locations. Between the wells and test wells, boundaries are not proven but are assumed from geological evidence.



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PROJECT
 407 TRANSITWAY, WEST OF BRANT STREET, CITY OF
 BURLINGTON, REGION OF HALTON TO WEST OF
 HURONTARIO STREET, CITY OF BRAMPTON

TITLE
 CROSS SECTION MECP WATER WELLS

CONSULTANT
 YYY-AM-00 2020-06-28

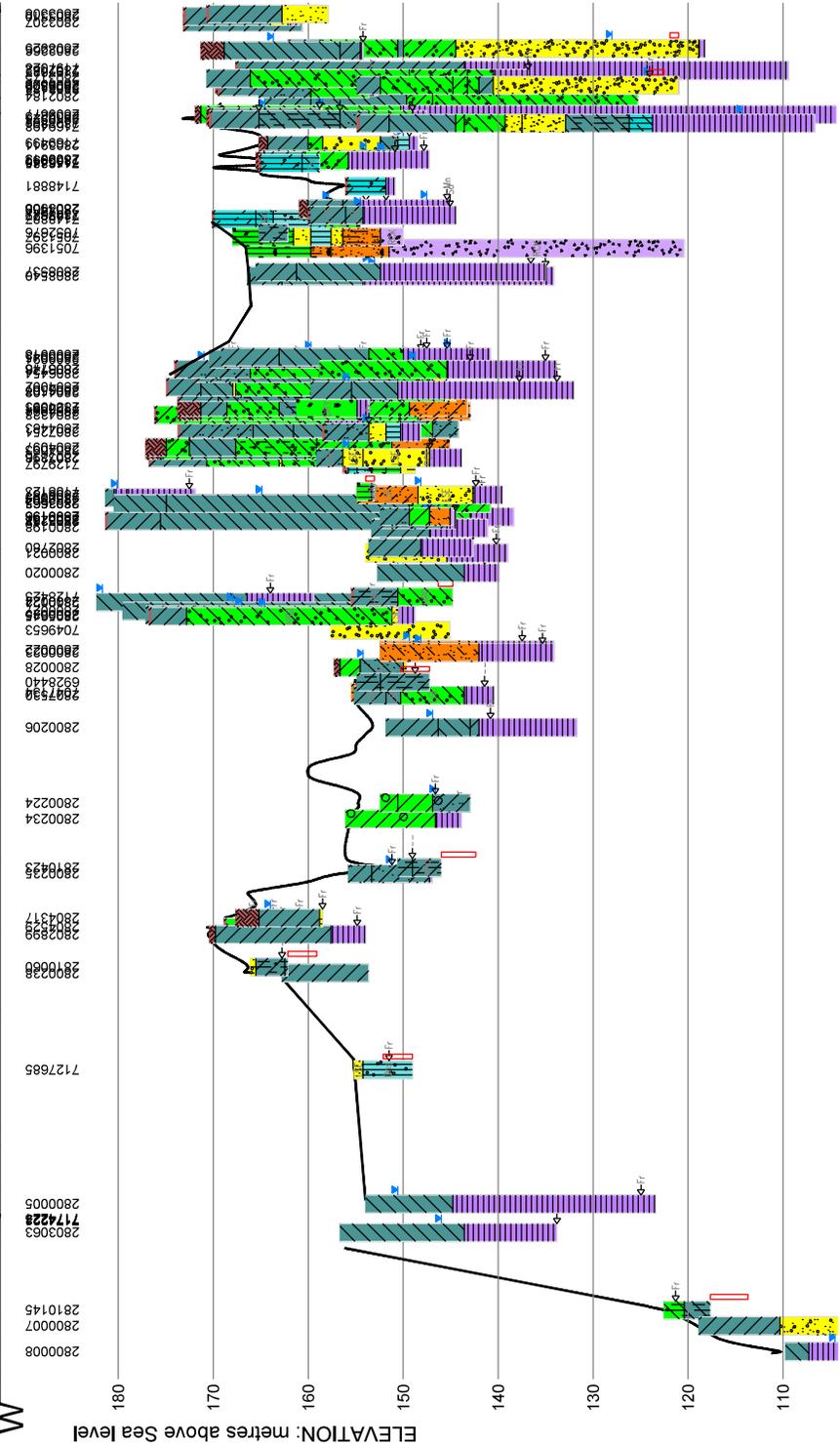
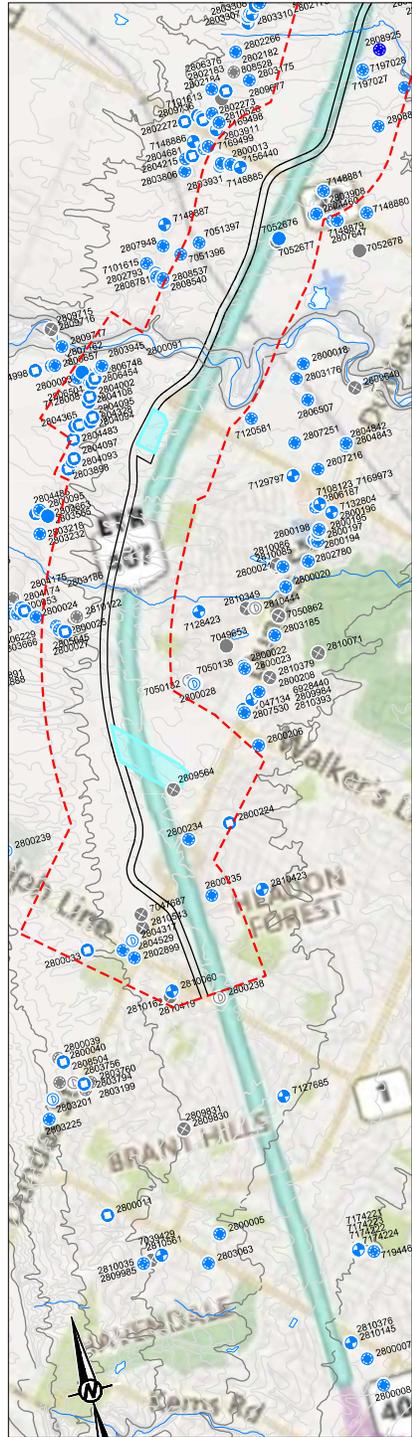
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PROJECT NO.
 1663821

CONTROL
 0003

REV.
 A

FIGURE
 6A



PLAN LEGEND

- Shallow Dug or Bored <10 m
- Deep Bored Well >10 m
- Drilled Overburden Well
- Test or Observation Well
- Drilled Bedrock Well
- Municipal / Public Supply

SOIL PATTERN LEGEND AND GENERIC SHADING

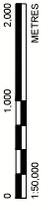
Unknown	Unoxidized Clay	Blue, Grey White, or Undefined
Peat/loam	Oxidized Clay	Brown, Red, Yellow
Sands & Gravels	Silt	Silt
Granular Till	Sand	Gravel
Silt	Stones, Pebbles	Boulder
Silt Clayey	Clay	Till
Clay	Limestones	Shales
Till	Shales	Undifferentiated
Limestones	Crystalline Rock	
Shales		
Undifferentiated		

SECTION WELL SYMBOLS

- MOE Recorded Private Well
- Recorded Static Water Level
- Water Producing Zone
- Screen
- Flowing Well

NOTES:

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 BURLINGTON, REGION OF HALTON TO WEST OF
 HURONTARIO STREET, CITY OF BRAMPTON

TITLE
 CROSS SECTION MECWP WATER WELLS

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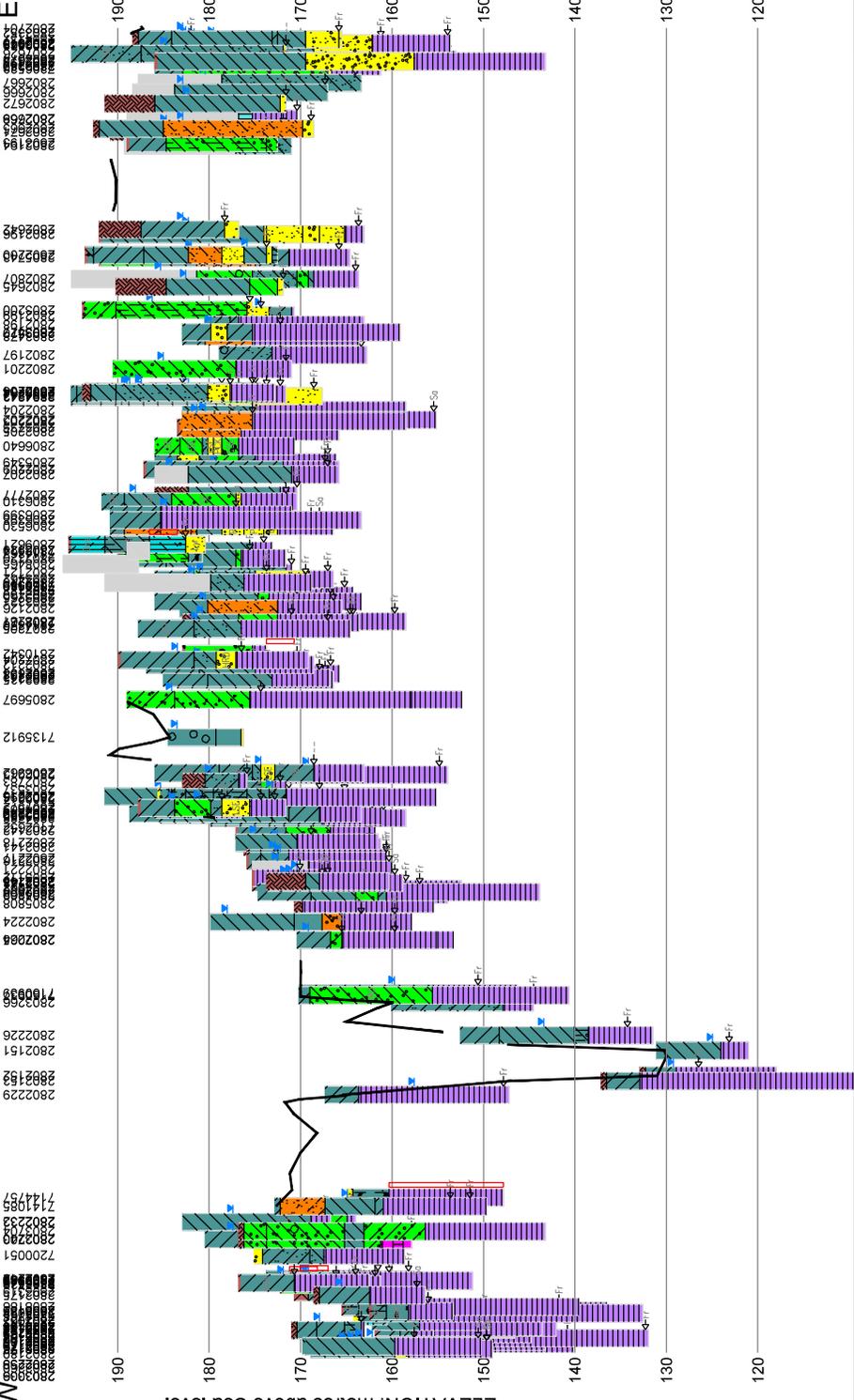
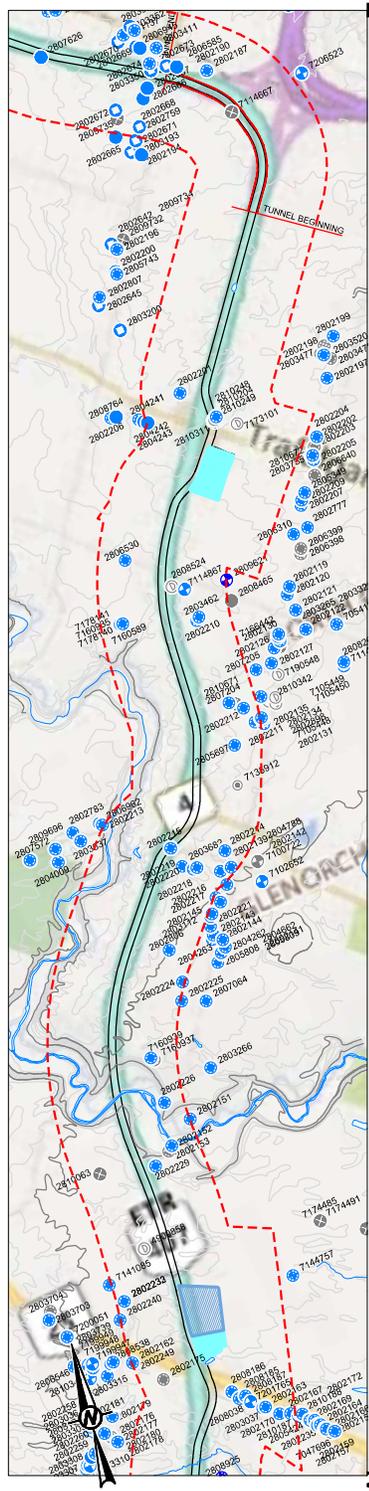


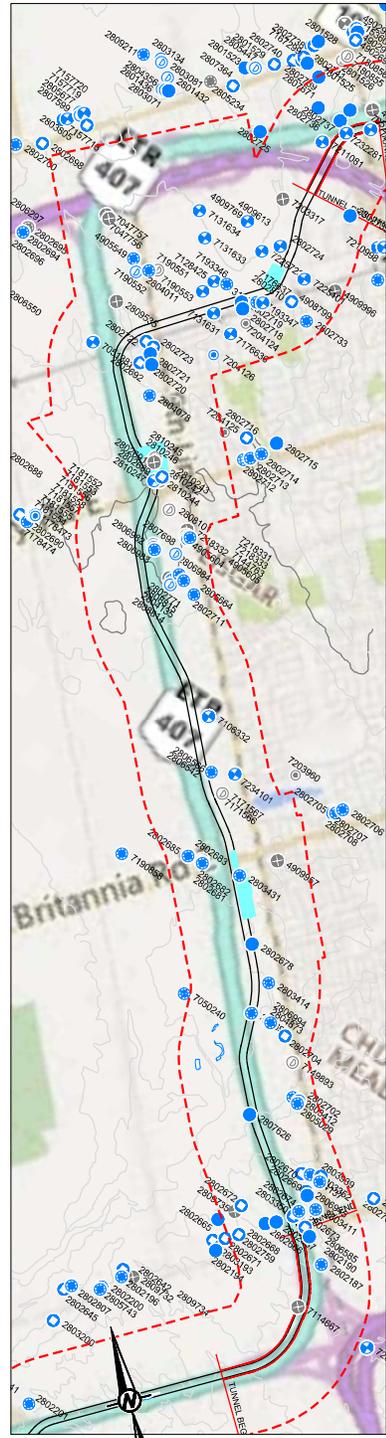
PROJECT NO.
 1663821

CONTROL
 0003

REV.
 A

FIGURE
 6B





PLAN LEGEND

- Shallow Dug or Bored <10 m
- Sandpoint
- Deep Bored Well >10 m
- Drilled Overburden Well
- Test or Observation Well
- Drilled Bedrock Well
- Municipal / Public Supply

SOIL PATTERN LEGEND AND GENERIC SHADING

Unknown	Unoxidized Clay
Peat/loam	Blue, Grey White, or Undefined
Sands & Gravels	Oxidized Clay
Granular Till	Brown, Red, Yellow
Silt	Silt
Silt Clayey	Sand
Clay	Gravel
Till	Stones, Pebbles
Limestones	Boulder
Shales	Till
Undifferentiated	Shale
	Limestone
	Crystalline Rock

SECTION WELL SYMBOLS

- MOE Recorded Private Well
- Recorded Static Water Level
- Water Producing Zone
- Screen
- Flowing Well

NOTES:

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 Location and elevations of field verified wells are subject to revision.
 Boundaries between soil strata have been determined only at well and test well locations. Between the wells and test wells, boundaries are not proven but are assumed from geological evidence.



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PROJECT
407 TRANSITWAY, WEST OF BRANT STREET, CITY OF BURLINGTON, REGION OF HALTON TO WEST OF HURONTARIO STREET, CITY OF BRAMPTON

TITLE
CROSS SECTION MECP WATER WELLS

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GOLDER

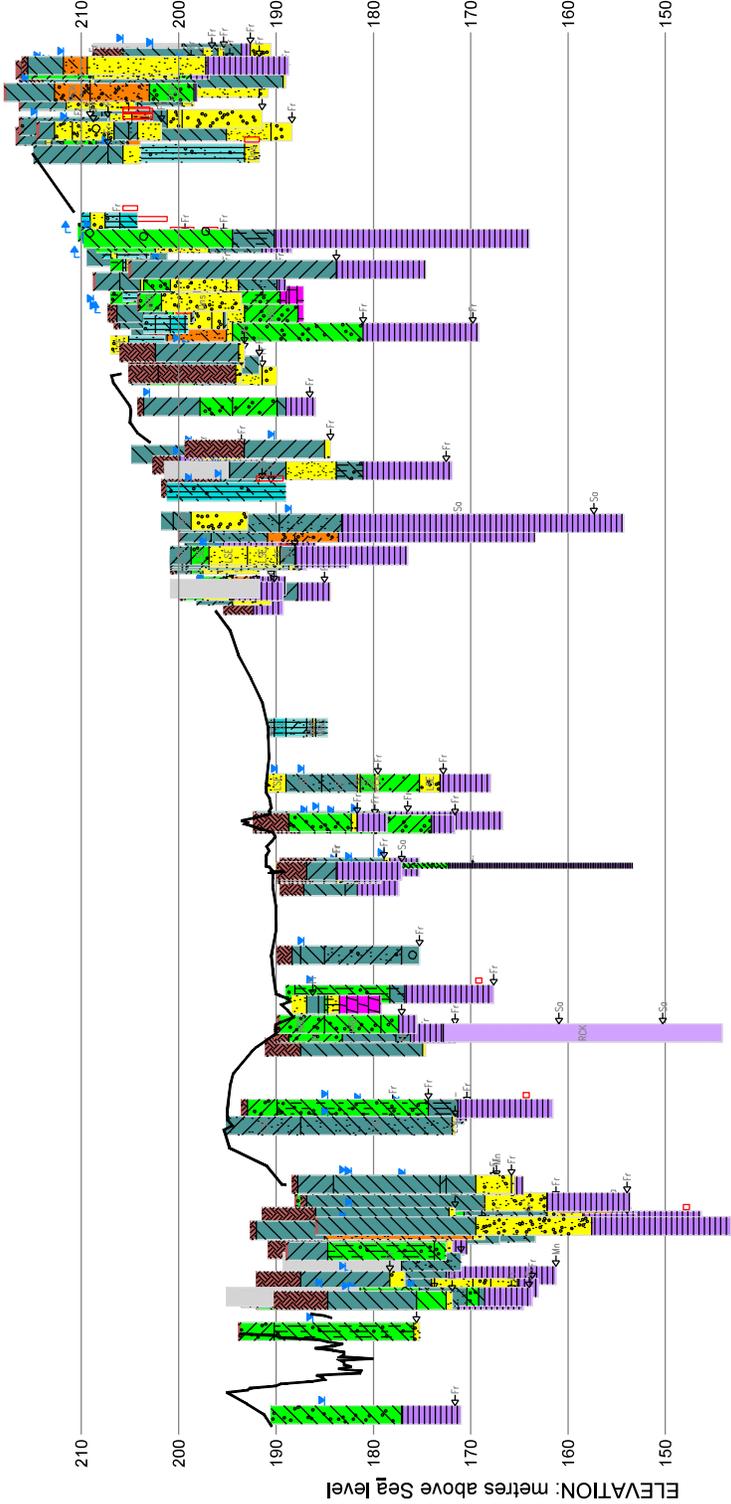
DESIGNED
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 REVIEWED
 APPROVED

PROJECT NO.
1663821

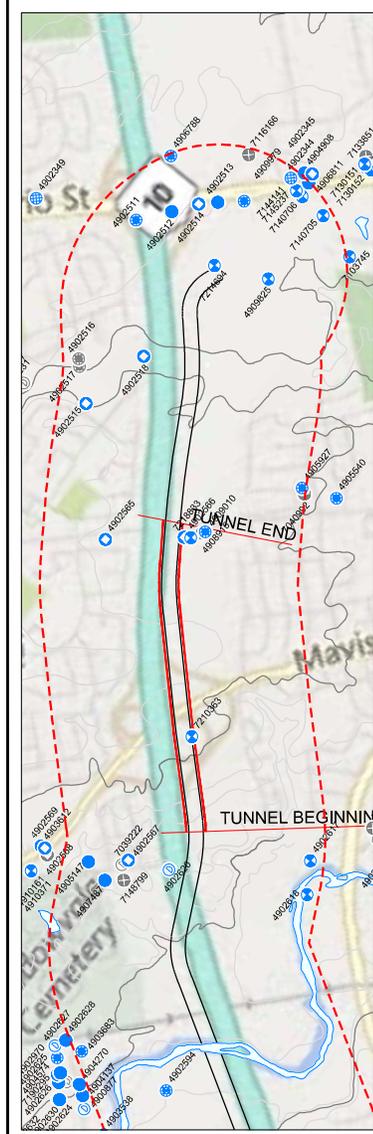
CONTROL
0003

REV.
A

FIGURE
6C



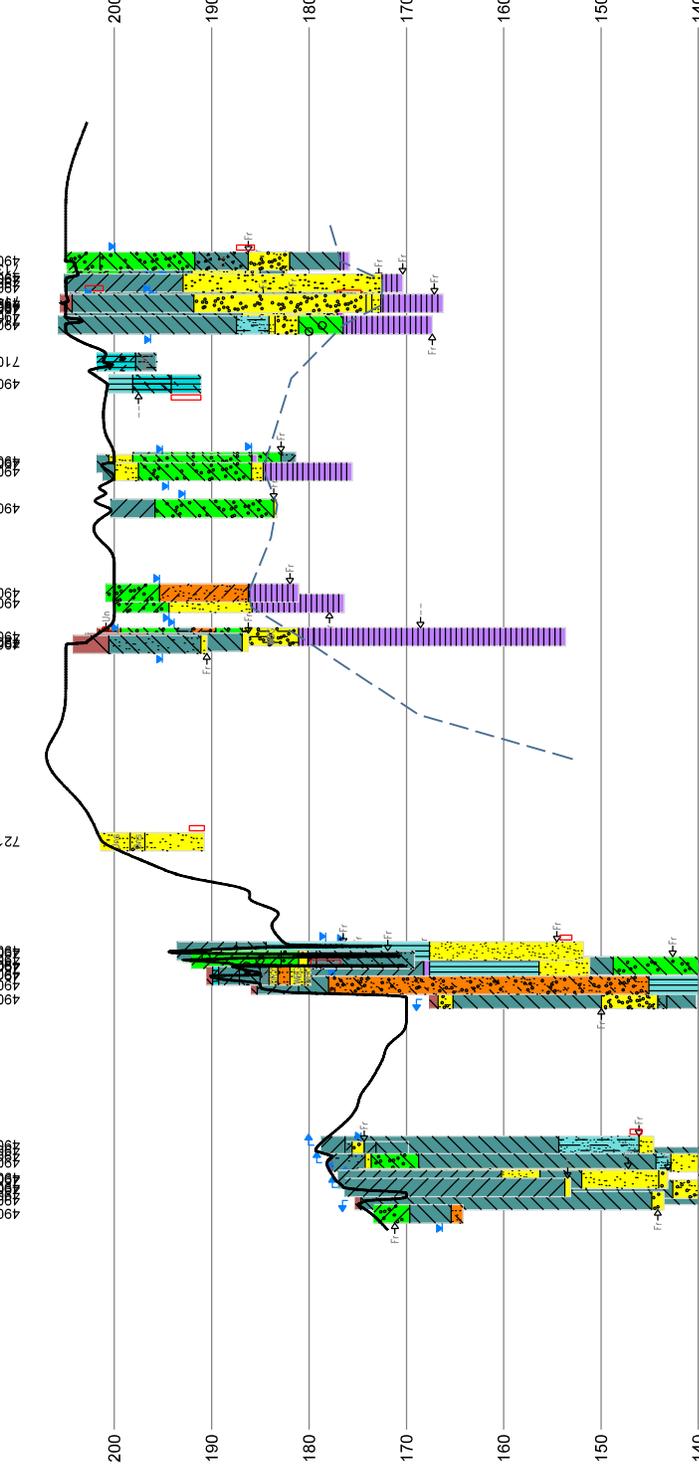
ELEVATION: metres above Sea level



- PLAN LEGEND**
- Shallow Dug or Bored <10 m
 - Deep Bored Well >10 m
 - Drilled Overburden Well
 - Test or Observation Well
 - Drilled Bedrock Well
 - Municipal / Public Supply

- SOIL PATTERN LEGEND AND GENERIC SHADING**
- Unknown
 - Peat/loam
 - Sands & Gravels
 - Granular Till
 - Silt
 - Silt Clayey
 - Clay
 - Till
 - Limestones
 - Shales
 - Undifferentiated

SW NE



- SECTION WELL SYMBOLS**
- MOE Recorded Private Well
 - Recorded Static Water Level
 - Water Producing Zone
 - Screen
 - Flowing Well

NOTES:
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 HURONTARIO STREET, CITY OF BRAMPTON

TITLE
 CROSS SECTION MECP WATER WELLS

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 YYY-AM-00 2020-06-28
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 PREPARED STB
 REVIEWED CLG
 APPROVED SL
 CONTROL 0003
 REV. A

PROJECT NO.
 1663821

FIGURE
 6D

APPENDIX A

Well Records

LABEL CON LOT	DATE mm-m-yr	EASTING NORTHING	ELEV masl	WTR FND mbgl Qu	ICR TOP LEN mbgl m	SWL mbgl	RATE L/min	TIME min	PL DRILLER mbgl METHOD	TYPE STAT	WELL NAME DESCRIPTION OF MATERIALS
2800005	Nov-51	594164 4801068	153.9	29.0 Fr		3.4			4002 CT	WS ST	MOE# 2800005 0.0 CLAY 9.1 SHLE 30.5
2800013	1 Jun-64	596380 4809590	164.9	17.1 Fr		11.0	5	60	1308 CT	WS DO	MOE# 2800013 0.0 BRWN CLAY 2.7 RED CLAY BLDL 12.2 RED SHLE 17.7
2800025	1 Nov-63	594132 4806206	177.1	27.1 Fr		10.1	5	45	5417 CT	WS DO	MOE# 2800025 0.0 BRWN CLAY 5.2 BLUE CLAY 12.2 BLUE CLAY GRVL 23.8 RED SHLE CLAY 24.4 RED SHLE 28.3
2800027	1 Nov-65	594116 4806244	179.5	26.2 Fr		11.6	5	180	4602 CT	WS DO	MOE# 2800027 0.0 GREY CLAY 25.0 GREY CLAY GRVL 26.2 RED SHLE 28.0
2800028	1 Dec-66	595092 4805500	157.3	7.3 Fr		3.0	9		1308 BR	WS DO	MOE# 2800028 0.0 TPSL 0.6 BRWN CLAY BLDL 2.7 CLAY MSND 7.3 CSND 7.6
2800224	1 Jul-63	595088 4804320	152.4	5.8 Fr		5.8			1308 CT	WS DO	MOE# 2800224 0.0 BRWN CLAY BLDL 1.8 RED CLAY BLDL 5.5 RED CLAY MSND BLDL 9.4
2800234	1 Apr-63	594730 4804274	156.1	11.9 Fr		7.0	9	60	1308 CT	WS DO	MOE# 2800234 0.0 RED CLAY BLDL 9.4 RED SHLE 12.2
2800235	1 Jun-62	594798 4803780	155.8	4.6 Fr		4.6	5	60	1308 BR	WS ST	MOE# 2800235 0.0 BRWN CLAY MSND 2.4 RED CLAY MSND 8.5 SHLE 8.8
2800238	1 Jul-65	594648 4802950	160.9			NR			2519 BR	AS -	MOE# 2800238 0.0 RED CLAY 9.1
2802899	1 Dec-68	594054 4803442	170.4	15.5 Fr		5.5			3637 BR	WS DO	MOE# 2802899 0.0 TPSL 0.6 BRWN CLAY 12.8 RED SHLE 16.5
2803063	Dec-63	594014 4800858	156.7	22.9 Fr		10.7	5	180	4001 CT	WS DO	MOE# 2803063 0.0 BLUE CLAY 13.1 RED SHLE 22.9
2803175	1 Aug-69	596774 4810193	170.7	33.8 Fr		NR			5417 CT	UN NU	MOE# 2803175 0.0 BRWN CLAY 4.6 GREY CLAY GRVL 21.3 BRWN CLAY GRVL 27.4 GREY CLAY GRVL 30.2 RED SHLE 33.8
2803908	1 Sep-72	597034 4808992	160.9	15.5 Mn		13.4	9	120	1815 CT	WS DO	MOE# 2803908 0.0 TPSL 0.9 BRWN CLAY 4.6 RED CLAY 6.4 RED SHLE 15.8
2803931	1 Sep-72	596454 4809562	165.5	14.6 Fr		13.4	5	105	1815 CT	WS DO	MOE# 2803931 0.0 TPSL 0.9 BRWN CLAY 5.2 BRWN CLAY STNS 9.8 RED SHLE 14.6
2804093	1 Mar-73	594582 4807522	177.1	25.6 Fr		NR			3030 BR	WS DO	MOE# 2804093 0.0 BRWN TPSL 1.8 BRWN CLAY STNS 4.9 BLUE CLAY 16.8 BRWN CLAY STNS 25.9 BRWN SAND STNS CLAY 30.5
2804094	1 Mar-73	594808 4807802	173.7	26.5 Fr		5.5			3030 BR	WS DO	MOE# 2804094 0.0 BRWN TPSL 2.4 BRWN CLAY STNS 5.5 GREY CLAY STNS 12.5 BLUE CLAY SILT STNS 21.3 BRWN CLAY STNS 25.3 BRWN SAND CLAY STNS 30.8

LABEL CON LOT	DATE mm-yy	EASTING NORTHING	ELEV masl	WTR FND mbgl Qu	ICR TOP LEN mbgl m	SWL mbgl	RATE L/min	TIME min	PL DRILLER mbgl METHOD	TYPE STAT	WELL NAME DESCRIPTION OF MATERIALS
7047687	Jan-07	594197 4803773	165.8			NR			1660	AB	MOE# 7047687
7050132	1 Aug-07	595057 4805537	154.8			NR			3349	AB	MOE# 7050132
7050138	1 Aug-07	595105 4805506	154.8			NR			3349	AB	MOE# 7050138
7051396	Jul-07	595871 4808948	166.4			NR			1129	OW	MOE# 7051396 TAG#A055514
									OTH	MO	0.0 BRWN SILT TILL 6.7 BRWN SAND SILT TILL 8.8 GREY SAND TILL 14.9 ROCK SHLE 46.0
7051397	1 Jun-07	596041 4809003	167.9			NR			1129	OW	MOE# 7051397 TAG#A055515
									OTH	MO	0.0 BRWN SILT TILL 4.3 BRWN SILT TILL SAND 6.4 BRWN SAND 8.2 BRWN SILT 10.4 GREY SAND FSND 11.6 BRWN SAND SILT FSND 15.5 ROCK SHLE SHLE 18.0
7052676	1 Oct-07	596684 4808873	165.2			NR			7219	AB	MOE# 7052676 TAG#A060741
									-	-	0.0 BRWN CLAY SAND FILL 3.0
7052677	1 Oct-07	596661 4808852	166.4			NR			7219	AB	MOE# 7052677 TAG#A060744
									-	NU	0.0
7120581	1 NR	596094 4807496	161.2		7.3 -0.6	NR			6607	AB	MOE# 7120581 TAG#A067350
	5								BR	MO	0.0 BRWN TILL DRY 6.4 BRWN SHLE DRY 7.6
7148881	Nov-09	597136 4809160	156.1			NR			7423	OW	MOE# 7148881 TAG#A081576
									-	MO	0.0 TPSL 0.3 BRWN SILT CLYY GRVL 4.3 RED SHLE WTHD WSTE 5.2
7148885	Nov-09	596524 4809519	165.2			NR			7423	OW	MOE# 7148885 TAG#A085858
									-	MO	0.0 TPSL 0.3 BRWN SILT CLYY GRVL 4.6 GREY SILT CLYY FCRD 6.4
7156440	Jun-10	596362 4809569	NR		1.8 -0.6	NR			6607	OW	MOE# 7156440 TAG#A094898
									-	NU	0.0 BRWN SILT TPSL FILL 0.3 BRWN SILT CLAY SAND 0.9 RED SHLE SHLE 2.1
7197027	Dec-12	597693 4810012	NR		7.6 -1.5	NR			7472	OW	MOE# 7197027 TAG#A144234
									BR	MO	0.0 BRWN SAND SILT LOOS 3.0 SAND SILT TILL 7.6 GREY SHLE WTHD HARD 9.1

QUALITY: Fr Fresh, Mn Mineral, Sa Salty, Su Sulphur, -- Unrecorded

TYPE: WS Water Supply, AQ Abandoned Quality, AS Abandoned Supply, AB Abandonment Record, TH Test Hole or Observation

USE: CO Commercial, DO Domestic, MU Municipal, PU Public, ST Stock

NOT USED: NU Not Used, IR Irrigation, AL Alteration, MO Monitoring, - Not Recorded

METHOD: CT Cable Tool, JT Jetting, RC Rotary Conventional, RA Rotary Air, BR Boring

Easting and Northings UTM NAD 83 Zone 17, Translated from Recorded UTM NAD, subject to Field Verified Location or Improved Location Accuracy.
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LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP	LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yy	NORTHING	masl	mbgl	Qu	m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2802120	1	Jan-65	601430	188.7	13.1	Fr		6.4	5	120	17.1	4602	WS	MOE# 2802120 0.0 YLLW CLAY 4.0 GREY CLAY 11.6 GREY CLAY GRVL 12.2 RED SHLE 17.1
15			4816524									CT	DO	
2802126	1	Nov-56	601146	183.2	16.8	Fr		2.7		30	15.2	1642	WS	MOE# 2802126 0.0 CLAY 3.0 MSND CLAY 10.7 RED SHLE 17.7
16			4816171									CT	DO	
2802127	1	Jun-57	601074	182.9	18.6	Fr		2.1	18	120	15.2	4838	WS	MOE# 2802127 0.0 TPSL 1.2 CLAY 6.1 CLAY GRVL 10.4 RED SHLE 19.2
16			4816067		18.3	Fr						CT	DO	
					11.9	Fr								
2802130	1	Sep-61	601229	183.5	18.3	Fr		3.7	9	45	16.2	5417	WS	MOE# 2802130 0.0 BRWN CLAY 4.3 GREY CLAY 10.1 GREY CLAY GRVL 11.9 RED SHLE 19.2
16			4816259									CT	DO	
2802131	1	Nov-65	600810	184.4	14.9	Fr		4.3	9	60	15.8	4602	WS	MOE# 2802131 0.0 YLLW CLAY 5.2 GREY CLAY 8.2 RED SHLE 15.8
17			4815679		10.7	Fr						CT	DO	
2802134	1	Jun-60	600810	184.4	17.7	Fr		2.1	9	60	15.5	5417	WS	MOE# 2802134 0.0 BRWN TPSL 0.3 BRWN CLAY 4.3 GREY CLAY 5.8 GREY CLAY GRVL STNS 7.6 GREY CLAY 8.8 RED SHLE 18.6
17			4815696									CT	DO	
2802135	1	Mar-67	600806	183.5	16.2	Fr		4.0	5	120	17.1	1612	WS	MOE# 2802135 0.0 TPSL 0.3 BRWN CLAY 9.4 RED SHLE 17.1
17			4815641									CT	DO	
2802139	1	May-59	600065	179.5	14.0	Fr		2.4	5	60	15.2	4602	WS	MOE# 2802139 0.0 CLAY 9.8 RED SHLE 15.2
20			4814686									CT	DO	
2802141	1	Aug-66	599864	176.2	13.7	Fr		3.7	14	60	5.2	1612	WS	MOE# 2802141 0.0 BLCK TPSL 0.3 BRWN CLAY 9.4 RED SHLE 14.9
21			4814463									CT	DO	
2802142	1	Sep-67	599972	177.1	14.3	Fr		4.6	18	120	9.4	1612	WS	MOE# 2802142 0.0 TPSL 0.3 BRWN CLAY 5.5 BLUE CLAY STNS 10.4 RED SHLE 15.2
21			4814572									CT	DO	
2802143	1	Jul-64	599688	173.7	14.0	Sa		2.1	5			4602	AQ	MOE# 2802143 0.0 BRWN CLAY 1.5 RED CLAY 3.7 BLUE CLAY 6.1 RED SHLE 14.9
22			4814198		6.1	Sa						CT	NU	
2802144	1	Jul-64	599673	173.7	6.7	Fr		2.7	5	60	12.8	4602	WS	MOE# 2802144 0.0 BRWN TPSL 1.5 RED CLAY 4.6 GREY CLAY 5.8 RED SHLE 12.8
22			4814213									CT	DO	
2802145	1	Jul-64	599665	173.7				NR				4602	AS	MOE# 2802145 0.0 BRWN TPSL CLAY 4.3 GREY CLAY 5.8 RED SHLE 13.4
22			4814223									CT	-	
2802151	1	Oct-58	598885	131.1	7.9	Fr		6.1	5	120	10.1	4602	WS	MOE# 2802151 0.0 CLAY 7.0 RED SHLE 10.1
25			4812952									CT	DO	
2802152	1	Oct-65	598655	132.9	6.4	Fr		3.7	5	60	14.9	4602	WS	MOE# 2802152 0.0 TPSL CLAY 0.6 YLLW CLAY 4.0 RED SHLE 14.9
26			4812816									CT	DO	
2802153	1	Oct-65	598613	137.2				NR				4602	AS	MOE# 2802153 0.0 TPSL CLAY 0.6 YLLW CLAY 4.3 RED SHLE 27.7
26			4812786									CT	-	
2802162	1	Nov-55	597608	172.5	14.3	Fr		3.0	14	10	13.7	1642	WS	MOE# 2802162 0.0 CLAY 5.2 RED SHLE 14.9
30			4811334									CT	DO	

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP	LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yy	NORTHING	masl	mbgl	Qu	m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2802163	1	Nov-56	598421	161.5	11.6	Fr		3.7		60	11.3	1642	WS	MOE# 2802163
30			4810547									CT	DO	0.0 CLAY 4.6 RED SHLE 12.2
2802167	1	Nov-61	598608	161.5	14.6	Fr		4.0	5	120	14.6	4001	WS	MOE# 2802167
30			4810407									CT	DO	0.0 GREY CLAY 6.1 RED SHLE 15.2
2802169	1	Dec-63	598725	158.5	12.2	Fr		6.1	5	120	13.7	4001	WS	MOE# 2802169
30			4810289									CT	DO	0.0 BLUE CLAY 4.3 RED SHLE 13.7
2802170	1	Jan-66	598525	161.8	6.4	Fr		3.7	5	30	5.8	1308	WS	MOE# 2802170
30			4810444									BR	DO	0.0 TPSL 0.3 BRWN CLAY 2.7 RED CLAY 4.3 RED SHLE 6.4
2802172	1	Nov-67	598730	158.5	9.8	Fr		3.0	9	180	12.2	4001	WS	MOE# 2802172
30			4810289									CT	DO	0.0 BRWN CLAY 1.5 RED CLAY 6.1 RED SHLE 13.7
2802175	1	Apr-67	597780	168.6	11.3	Sa		3.0	5	60	12.2	4001	AQ	MOE# 2802175
31			4811102									CT	NU	0.0 TPSL 0.6 RED CLAY 6.1 RED SHLE 12.2
2802176	1	Jan-56	597184	168.9	19.2	Sa		4.6		15	18.9	1642	AQ	MOE# 2802176
32			4810863									CT	NU	0.0 CLAY 9.1 MSND GRVL 10.7 RED SHLE 19.8
2802177	1	Feb-56	597192	168.9	19.2	Sa		3.7	5		18.9	1642	AQ	MOE# 2802177
32			4810853									CT	NU	0.0 CLAY 8.2 MSND STNS 10.7 RED SHLE 19.8
2802178	1	Mar-56	597132	169.5	18.9	Sa		6.1		15	18.6	1642	AQ	MOE# 2802178
32			4810910									CT	NU	0.0 CLAY 9.8 RED SHLE 19.2
2802179	1	Apr-56	597154	169.8	12.2	Fr		7.6		60	11.6	1642	WS	MOE# 2802179
32			4810905									CT	DO	0.0 CLAY 8.5 RED SHLE 16.5
2802180	1	Sep-66	597222	168.6	10.4	Fr		6.7		30	11.6	1308	WS	MOE# 2802180
32			4810796									BR	ST	0.0 TPSL 0.6 BRWN HPAN 6.7 RED SHLE 12.2
2802181	1	May-67	597270	171.0	7.6	Fr		3.0		30	7.3	1308	WS	MOE# 2802181
32			4811004									BR	DO	0.0 TPSL 0.6 BRWN CLAY 2.7 RED CLAY 5.8 HPAN 7.6 SHLE 7.9
2802187	2	Aug-58	602652	183.5	22.3	Mn		11.9	5	60	16.2	1718	WS	MOE# 2802187
5			4820709									CT	DO	0.0 TPSL 0.3 YLLW CLAY 3.0 STNS 4.3 BLUE CLAY 11.0 RED SHLE 22.3
2802190	2	Jul-53	602441	185.6	12.2	Fr		1.8	18		12.2	1429	WS	MOE# 2802190
6			4820840									CT	DO	0.0 CLAY 3.7 QSND 10.4 GRVL 12.2
2802194	2	Sep-53	601873	189.3	18.3	Fr		9.4	45	120	9.4	1642	WS	MOE# 2802194
7			4820307									CT	DO	0.0 PRDG 12.2 CLAY MSND GRVL 18.3
2802196	2	Oct-66	601361	192.0	28.3	Fr		9.8	9	60	27.4	1612	WS	MOE# 2802196
9			4819688									CT	DO	0.0 TPSL 0.3 CLAY 18.0 STNS 18.3 GREY MSND 22.3 GRVL 24.1 GREY MSND 26.8 RED SHLE 29.0
2802197	2	Nov-63	602479	178.9	15.5	Sa		5.5	5	60	15.8	1308	WS	MOE# 2802197
10			4817999									BR	ST	0.0 RED CLAY MSND BLDR 5.8 RED SHLE 16.2
2802198	2	Feb-64	602569	180.4				NR				1308	AS	MOE# 2802198
10			4818250									BR	-	0.0 BRWN CLAY MSND 2.7 RED CLAY 3.7 RED SHLE 17.4
2802199	2	Feb-64	602671	178.3	4.0	Fr		4.0	9	60	6.7	1308	WS	MOE# 2802199
10			4818291									BR	ST	0.0 BRWN CLAY MSND 1.8 BRWN MSND 4.9 RED CLAY 7.3 SHLE 7.6

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl	Qu	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2802200	2	Dec-67	601275	193.5	19.8	Fr	17.7	9	60	20.7	1308	WS	MOE# 2802200 0.0 TPSL 0.3 HPAN 0.9 BRWN CLAY 6.4 BLUE CLAY 11.3 MSND CLAY 14.9 FSND 17.4 CLAY 19.8 MSND 20.4 HPAN 21.0
	10		4819526								BR	ST	
2802201	2	Mar-53	601332	190.5	18.9	Fr	5.5	9			1642	WS	MOE# 2802201 0.0 CLAY GRVL 13.4 RED SHLE 19.5
	12		4818397								CT	DO	
2802202	2	May-55	602144	182.9	27.4	Sa	2.4	5			1642	AQ	MOE# 2802202 0.0 MSND CLAY 7.6 RED SHLE 27.7
	12		4817529								CT	NU	
2802203	2	May-55	602134	182.9	7.6	Fr	1.5	5		7.3	1642	AS	MOE# 2802203 0.0 MSND CLAY 7.6 RED SHLE 24.4
	12		4817519								CT	-	
2802204	2	May-55	602198	182.9	7.6	Fr	1.5	5		7.3	1642	WS	MOE# 2802204 0.0 CLAY MSND 7.6 RED SHLE 24.4
	12		4817597								CT	PU	
2802205	2	Aug-62	602094	182.9	7.9	Mn	1.8	5	120	17.1	4602	WS	MOE# 2802205 0.0 MSND CLAY 6.4 RED SHLE 17.1
	12		4817438								CT	PU	
2802206	2	Jul-53	600773	193.5	18.3	Fr	6.1	9		18.6	1642	WS	MOE# 2802206 0.0 BLUE CLAY 18.3 GRVL 18.6
	13		4818441								CT	DO	
2802207	2	Nov-56	601842	185.9	18.9	Fr	1.8	5	15	18.3	1642	WS	MOE# 2802207 0.0 PRDG 3.7 BLUE CLAY 14.9 RED SHLE 20.1
	13		4817140								CT	ST	
2802209	2	Feb-67	601865	187.1	19.8	Fr	7.9	5	120	21.3	1612	WS	MOE# 2802209 0.0 TPSL 0.3 BRWN CLAY 15.2 RED SHLE 21.3
	13		4817178								CT	DO	
2802210	2	Sep-59	600666	191.4	21.9	Fr	9.8	5	120	22.6	2904	WS	MOE# 2802210 0.0 PRDG 11.6 GREY CLAY MSND 15.2 RED SHLE
	16		4816643								CT	ST	22.6
2802211	2	Oct-60	600748	185.0	17.1	Fr	5.5	23	30	15.2	5417	WS	MOE# 2802211 0.0 BRWN CLAY 4.9 GREY CLAY 11.9 RED SHLE
	17		4815685								CT	DO	18.3
2802212	2	Sep-62	600710	186.8	16.5	Fr	5.8	9	45	15.2	5417	WS	MOE# 2802212 0.0 BRWN CLAY 5.8 GREY CLAY 11.9 RED SHLE
	17		4815829								CT	DO	18.3
2802213	2	Oct-55	599252	182.9	28.0	Fr	13.7				1642	WS	MOE# 2802213 0.0 CLAY 9.8 RED SHLE 29.0
	20		4815448								CT	DO	
2802214	2	Oct-56	600076	181.4	16.2	Fr	4.6				1642	WS	MOE# 2802214 0.0 CLAY 10.4 SHLE 16.8
	20		4814831								CT	DO	
2802215	2	Sep-61	599681	191.4	20.1	Fr	6.1	5	180	30.8	4602	WS	MOE# 2802215 0.0 GREY CLAY 17.1 RED CLAY 19.8 RED SHLE
	20		4815037								CT	DO	30.8
2802216	2	Oct-58	599740	175.9	15.2	Fr	3.7	18	120	7.3	1718	WS	MOE# 2802216 0.0 TPSL 0.3 YLLW CLAY 1.5 BLUE CLAY 3.4
	21		4814389								CT	DO	RED CLAY 4.6 SHLE 15.2
2802217	2	Oct-58	599760	175.9	15.2	Fr	3.0	36	120	7.3	1718	WS	MOE# 2802217 0.0 TPSL 0.3 YLLW CLAY 1.5 BLUE CLAY 3.4
	21		4814404								CT	DO	RED CLAY 4.6 SHLE 15.2
2802218	2	Jun-61	599846	177.1	8.2	Fr	2.1	9	60	15.5	4602	WS	MOE# 2802218 0.0 GREY CLAY 6.7 RED SHLE 15.5
	21		4814513								CT	DO	
2802219	2	Mar-66	599703	188.7	21.3	Fr	4.9	5	180	25.3	4602	WS	MOE# 2802219 0.0 YLLW CLAY 4.9 GREY CLAY 15.5 BLUE CLAY
	21		4814863								CT	DO	17.4 RED CLAY 20.7 RED SHLE 25.3
2802220	2	Sep-66	599809	185.3	18.6	Fr	4.3	5	60	22.6	4602	WS	MOE# 2802220

LABEL CON LOT	DATE mm-yy	EASTING NORTHING	ELEV masl	WTR FND mbgl Qu	ICR TOP LEN mbgl m	SWL mbgl	RATE L/min	TIME min	PL DRILLER mbgl METHOD	TYPE STAT	WELL NAME DESCRIPTION OF MATERIALS
21		4814802							CT	DO	0.0 YLLW CLAY 4.6 GREY CLAY 13.7 RED SHLE 22.6
2802221	2 Oct-56	599706 4814318	175.3	14.9 Fr		2.7			1642 CT	WS DO	MOE# 2802221 0.0 PRDG 6.1 RED SHLE 15.2
2802224	2 Jun-65	599304 4814000	179.8	20.1 Fr 16.5 Fr		1.8	18	180	4838 CT	WS DO	MOE# 2802224 0.0 CLAY 9.1 BLDR 12.2 GRVL CLAY 14.3 RED SHLE 21.9
2802225	2 Apr-66	599231 4813860	170.4	10.7 Fr 4.9 Fr		1.2	18	60	4602 CT	WS DO	MOE# 2802225 0.0 BRWN CLAY 3.7 RED CLAY GRVL 4.9 RED SHLE 15.2
2802226	2 Nov-58	598750 4813163	137.2	18.3 Fr		9.1	5	120	4602 CT	WS DO	MOE# 2802226 0.0 BRWN CLAY 4.3 GREY CLAY 12.5 GREY HPAN 14.0 BLUE SHLE 21.0
2802229	2 Aug-62	598464 4812721	167.3	19.5 Fr		9.8		60	4602 CT	WS DO	MOE# 2802229 0.0 BRWN CLAY 3.7 RED SHLE 20.1
2802232	2 Mar-59	597760 4811821	182.9	15.5 Fr		5.5	9	60	1642 CT	WS ST	MOE# 2802232 0.0 BLUE CLAY 14.0 RED SHLE 16.2
2802233	2 Aug-63	597760 4811821	173.4	9.1 Fr		3.4	14	90	4602 CT	WS DO	MOE# 2802233 0.0 YLLW CLAY 4.3 BLUE CLAY 5.8 BRWN CLAY GRVL 8.5 RED SHLE 9.4
2802235	1 Jul-54	598765 4810273	159.7	10.1 Fr		2.1	14	60	1642 CT	WS DO	MOE# 2802235 0.0 CLAY 4.3 RED SHLE 10.7
2802240	2 Aug-63	597664 4811697	180.4	9.1 Fr		3.0	27	90	4602 CT	WS DO	MOE# 2802240 0.0 BRWN CLAY 5.2 BLUE CLAY 6.1 BRWN CLAY GRVL 7.3 RED SHLE 9.4
2802249	2 Jun-58	597466 4811407	173.7	12.2 Fr		4.6	27	12.2	4002 CT	WS DO	MOE# 2802249 0.0 CLAY 6.1 RED SHLE 12.2
2802258	2 Apr-60	596996 4810801	168.6			NIR			4602 CT	AS -	MOE# 2802258 0.0 PRDR 15.5 RED SHLE 23.5
2802259	2 Apr-60	597016 4810788	167.6	25.0 Fr 24.4 Fr		20.1	23	60	4602 CT	WS DO	MOE# 2802259 0.0 BRWN CLAY 5.5 GREY CLAY 10.7 CLAY FSND 13.7 GRVL CLAY 25.0 RED CLAY 25.3 RED SHLE 25.9
2802260	2 Oct-55	596974 4810775	168.6	25.0 Fr		20.4	14	120	1642 CT	WS DO	MOE# 2802260 0.0 BLUE CLAY 19.8 MSND GRVL 25.0
2802642	8 Apr-63	601337 4819745	192.0	13.7 Fr		9.1	9		1307 BR	WS DO	MOE# 2802642 0.0 BRWN TPSL CLAY 4.6 RED CLAY 13.7 CSND GRVL 15.2
2802645	8 Aug-67	601030 4819333	190.2	18.3 Fr		7.6	18		1307 BR	WS DO	MOE# 2802645 0.0 BRWN TPSL CLAY 5.5 GREY CLAY 14.6 GREY CLAY BLDR 17.7 MSND 18.3
2802665	9 Sep-54	601742 4820529	192.6	23.8 Fr		9.8	14	60	1642 CT	WS DO	MOE# 2802665 0.0 TPSL 0.6 GREY CLAY 7.6 MSND CLAY 22.9 GRVL 24.1
2802666	9 Sep-56	602081 4820721	188.4	21.0 Fr		5.5			1642 CT	WS DO	MOE# 2802666 0.0 PRDG 4.6 CLAY 21.3
2802667	9 Nov-56	602148 4820784	187.8	23.8 Fr		7.3			1642 CT	WS DO	MOE# 2802667 0.0 PRDG 9.1 CLAY MSND 24.4

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP	LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yy	NORTHING	masl	mbgl	Qu	m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2802668	9	Jul-58	601950	189.0	18.6	Fr		4.6	27	720	11.6	1718	WS	MOE# 2802668
	1		4820526									CT	DO	0.0 PRDG 12.2 SILT 13.7 RED SHLE 18.6
2802669	9	Jan-64	602232	187.5	26.2	Fr		5.8	9	60	24.4	1612	WS	MOE# 2802669
	1		4821108									CT	DO	0.0 TPSL 0.6 CLAY BLDR 16.8 CLAY MSND 25.3 GRVL 26.2
2802670	9	May-65	602207	187.5	33.5	Fr		4.9	5	150	33.8	1612	WS	MOE# 2802670
	1		4821138									CT	DO	0.0 TPSL 0.6 BLUE CLAY 18.9 MSND GRVL 25.3 RED SHLE 33.8
2802671	9	Mar-66	601880	190.8	18.9	Fr		6.1	227			1307	WS	MOE# 2802671
	1		4820433									BR	DO	0.0 BRWN TPSL CLAY 5.5 GREY CLAY 18.3 GREY CSND 18.9
2802672	9	Dec-66	601835	191.4	19.8	Fr		9.1	9			1307	WS	MOE# 2802672
	1		4820730									BR	DO	0.0 BRWN TPSL CLAY 5.5 GREY CLAY 19.2 MSND 19.8
2802673	9	Jul-67	602267	185.9				NR				1612	AS	MOE# 2802673
	1		4820936									CT	-	0.0 TPSL 0.3 BLUE CLAY 16.5 GRVL MSND 28.3 RED SHLE 42.7
2802674	9	Jul-67	602250	185.9	32.0	Fr		7.6		2880	32.9	1612	WS	MOE# 2802674
	1		4820961									CT	DO	0.0 TPSL 0.3 BRWN CLAY 20.7 GRVL FSND 27.4 RED SHLE 32.9
2802701	10	Sep-67	602253	186.2	30.5	Fr		6.4	9	120	33.8	4602	WS	MOE# 2802701
	1		4821259		24.4	Fr						CT	DO	0.0 PRDG 9.8 GREY CLAY 13.4 GREY CLAY GRVL 20.7 RED CLAY 22.3 RED SHLE 33.8
2802702	10	Nov-64	601732	193.5	23.2	Fr		12.2				1307	WS	MOE# 2802702
	2		4821709									BR	DO	0.0 BRWN TPSL CLAY 5.5 GREY CLAY 15.2 RED CLAY 20.7 RED SHLE 23.2
2802759	9	Jul-68	601955	189.0	15.2	Fr		7.6	5	60	13.7	1308	WS	MOE# 2802759
	1		4820523									BR	DO	0.0 BRWN CLAY 7.6 BLUE CLAY 15.2 CLAY MSND 18.3
2802783	2	Oct-68	599005	182.9	7.0	Fr		3.0				1307	WS	MOE# 2802783
	21		4815493									BR	DO	0.0 BRWN TPSL 2.4 RED CLAY MSND 6.1 RED SHLE 7.0
2802806	2	Apr-68	599315	174.7	17.7	Fr		6.1	5	180	30.8	4602	WS	MOE# 2802806
	22		4814283									CT	DO	0.0 BRWN CLAY 5.8 GREY CLAY 10.7 GREY CLAY GRVL 13.1 RED CLAY 14.0 RED SHLE 30.8
2802807	8	Aug-68	601065	195.1	31.1	Fr		9.8	5	180	31.4	4602	WS	MOE# 2802807
	1		4819393									CT	DO	0.0 PRDG 13.7 GREY CLAY BLDR GRVL 19.8 GREY CLAY FSND 24.7 GREY CLAY GRVL 25.9 BLUE CLAY 26.5 RED SHLE 31.4
2802898	1	Nov-68	600805	184.4	9.1	Fr		1.2				3637	WS	MOE# 2802898
	17		4815693		5.2	Fr						BR	DO	0.0 TPSL 0.6 BRWN CLAY 7.9 RED SHLE 10.1
2803036	2	May-69	596914	171.6				NR				2309	AS	MOE# 2803036
	33		4810723									CT	-	0.0 RED CLAY 11.6 RED SHLE 33.5
2803037	1	May-69	598445	162.2	12.2	Fr		2.7	23	60	10.7	2309	WS	MOE# 2803037
	30		4810543									CT	DO	0.0 RED CLAY 4.9 GRVL SILT 5.5 RED SHLE 12.2

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yy	NORTHING	masl	mbgl	Qu	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2803112	1	Jun-69	599695	175.3	5.2	Fr	4.9			7.6	2519	WS	MOE# 2803112 0.0 TPSL 0.3 BRWN SHLE 4.9 RED SHLE 7.3 GREY SHLE 7.6
2803174	2	Sep-69	596894	173.1			NR			2309	AS	MOE# 2803174 0.0 PRDG 14.0 RED SHLE 48.2	
2803193	9	Jul-69	601805	189.0	15.2	Fr	6.1		60	15.2	3637	WS	MOE# 2803193 0.0 BLCK TPSL 0.3 BRWN CLAY 4.3 BLUE CLAY SILT STNS 15.2 GREY CLAY GRVL MSND 16.5
2803200	2	Sep-69	601105	193.9	18.3	Fr	7.6		90	16.8	3637	WS	MOE# 2803200 0.0 FILL 0.3 BRWN CLAY STNS 3.7 BLUE CLAY SILT STNS 18.0 BRWN MSND GRVL 18.6
2803265	1	Nov-69	601215	183.5	15.8	Fr	7.6	5	60	15.2	1307	WS	MOE# 2803265 0.0 BRWN CLAY 3.4 RED CLAY 11.6 RED SHLE 15.8
2803266	1	Sep-69	599215	157.0	15.5	Fr	6.1	9	60	15.2	1307	WS	MOE# 2803266 0.0 BRWN CLAY MSND 12.2 RED SHLE 15.5
2803308	2	Jul-69	596934	170.7			NR			3637	TH	MOE# 2803308 0.0 BRWN TPSL 0.3 BRWN CLAY 7.9 BRWN MSND 12.8	
2803309	2	May-69	596914	171.6	11.9	Fr	11.9			3637	WS	MOE# 2803309 0.0 BRWN TPSL 0.3 BRWN CLAY STNS 7.0 BRWN MSND 12.2 RED SHLE 14.6	
2803310	2	May-69	596894	173.1			NR			3637	TH	MOE# 2803310 0.0 BRWN TPSL 0.3 BRWN CLAY 9.1 BRWN MSND 11.0 RED SHLE 12.2	
2803315	2	Feb-70	597374	170.7	7.6	Fr	3.0	45	30	7.9	3637	WS	MOE# 2803315 0.0 BRWN FILL CLAY 1.5 BRWN CLAY 3.7 RED HPAN STNS 4.3 RED SHLE 7.9
2803321	1	Feb-70	601215	185.9	19.2	Fr	6.4	5	180	21.6	4602	WS	MOE# 2803321 0.0 BRWN CLAY 5.2 GREY CLAY 11.3 RED CLAY GRVL 12.5 RED SHLE 22.6
2803350	9	Apr-70	602235	185.9	19.2	Fr	4.6	27	60	17.4	1307	WS	MOE# 2803350 0.0 BRWN CLAY 3.0 GREY CLAY STNS 18.9 GRVL BLDR 19.2
2803352	10	Apr-70	602155	187.8	20.4	Mh	5.5			21.9	4602	WS	MOE# 2803352 0.0 CLAY 5.8 GREY CLAY 16.8 GREY CLAY GRVL 20.4 RED CLAY 22.3 RED SHLE 23.2
2803411	10	Mar-70	602355	185.9	37.8	-0.6	9.8	36	17	38.1	3903	OW	MOE# 2803411 0.0 BRWN TPSL 0.6 BRWN CLAY STNS 22.3 BRWN CLAY MSND GRVL 22.6 BRWN CLAY STNS 24.4 BRWN MSND CLAY GRVL 30.5 RED SHLE 39.6
2803412	10	Mar-70	601675	193.5	19.2	Fr	8.8	50	13	28.7	3903	OW	MOE# 2803412 0.0 BRWN TPSL 0.6 BRWN CLAY STNS 3.7 GREY CLAY STNS SILT 19.2 GREY CLAY SILT 22.3 RED SHLE 32.0

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl	Qu	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2803462	2	Jul-70	600695	185.9	18.9	Fr	5.2	5	300	22.9	4813	AS	MOE# 2803462 0.0 BRWN CLAY TPSL 0.3 BRWN CLAY 4.3 GREY CLAY GRVL 4.9 BLUE CLAY MSND 9.1 BRWN CLAY 10.4 GREY CLAY 11.0 BRWN MSND 16.8 RED SHLE 19.5
	16		4816663		12.2	Fr					BR	ST	
2803477	2	Nov-70	602515	182.9	10.7	Fr	3.0	5	300	22.9	4813	AS	MOE# 2803477 0.0 BRWN CLAY 3.0 GRVL 4.9 RED CLAY 7.6 RED SHLE 23.8
	10		4818203								CT	NU	
2803478	2	Nov-70	602575	182.9	10.4	Fr	3.0	5	300	19.2	4813	AS	MOE# 2803478 0.0 BRWN CLAY 2.4 RED MSND CLAY 7.6 RED SHLE 19.2
	10		4818133								CT	NU	
2803520	2	Dec-70	602535	182.9	9.8	Fr	3.0	5			3637	WS	MOE# 2803520 0.0 BRWN CLAY STNS 0.9 BRWN MSND 3.0 GREY GRVL 3.4 GREY CLAY MSND 5.2 BRWN CLAY 6.4 RED SHLE 11.6
	10		4818183		3.4	Fr					BR	ST	
2803537	2	Aug-70	599035	182.9	10.7	Fr	6.1				3637	WS	MOE# 2803537 0.0 BRWN TPSL 0.3 BRWN CLAY 5.2 GREY CLAY 7.0 BRWN CLAY SILT 8.5 RED CLAY STNS 9.8 RED SHLE 11.3
	21		4815403								BR	DO	
2803682	2	Dec-71	599775	179.8	17.7	Fr	5.2	14	120	16.8	4005	WS	MOE# 2803682 0.0 BRWN CLAY 3.4 RED CLAY 12.2 RED SHLE GRVL 18.6
	21		4814803								CT	ST	
2803703	2	Feb-72	597134	176.8	18.9	Fr	4.6	9	480	15.2	1315	WS	MOE# 2803703 0.0 TPSL 0.6 CLAY STNS 3.0 CLAY STNS BLDL 11.6 BLUE CLAY 13.7 RED CLAY STNS 15.5 LMSN SHLE 18.9
	30		4811943								CT	CO	
2803735	2	Apr-71	602103	183.5	8.5	Fr	2.1		240	9.1	3637	WS	MOE# 2803735 0.0 BRWN TPSL 0.3 BRWN MSND CLAY 2.1 BRWN CLAY 6.1 RED SHLE 9.1
	12		4817473		6.1	Fr					BR	DO	
2803739	2	May-71	597294	172.2	10.4	Fr	3.0		9.1		3637	WS	MOE# 2803739 0.0 BRWN TPSL 0.3 BRWN CLAY STNS 4.3 RED SHLE 11.0
	31		4811433		6.1	Fr					BR	PU	
2803939	10	Sep-72	602235	187.5	19.8	Fr	10.7		60	18.9	1307	WS	MOE# 2803939 0.0 BRWN OBDN SAND 4.6 GREY CLAY 16.8 GREY CLAY SAND 19.2 SAND 19.8
	1		4821303								BR	DO	
2804137	9	Aug-72	602090	188.4	22.6	Fr	5.5	9	120	21.9	3637	WS	MOE# 2804137 0.0 BRWN TPSL 0.6 BRWN CLAY 4.3 GREY CLAY 15.2 RED CLAY 15.8 GREY CLAY 18.9 BRWN SAND STNS 22.6 BLCK SAND 22.9
	1		4821230								BR	DO	
2804241	2	Jul-73	600932	195.1	22.9	Fr	6.1	9	150	21.9	1570	WS	MOE# 2804241 0.0 RED CLAY 0.6 BRWN CLAY 5.5 BLUE CLAY 15.2 GRVL 16.5 BLUE CLAY STNS 18.6 BRWN CLAY STNS 19.8 RED SHLE 23.5
	13		4818343		21.3	Fr					CT	DO	
2804242	2	Jul-73	600964	195.1	26.5	Fr	7.6	45	210	16.2	1570	WS	MOE# 2804242 0.0 BRWN CLAY 5.5 BLUE CLAY 16.8 SAND 27.4
	13		4818307								CT	DO	
2804243	2	Jul-73	600988	195.1	18.3	Fr	6.1	91	190	9.1	1570	WS	MOE# 2804243 0.0 BRWN CLAY 4.9 BLUE CLAY 14.0 BLUE CLAY STNS 18.3 SAND 20.4
	13		4818288								CT	DO	

LABEL CON LOT	DATE	EASTING	NORTHING	ELEV	WTR FND	ICR TOP	LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
	mm-yy			masl	mbgl	Qu	m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2804262	1 Jun-73	599693	4814078	170.7	7.6 Fr			4.3	27	60	10.4	1660	WS	MOE# 2804262 0.0 PRDG 7.6 RED SHLE 15.2
22												CT	DO	
2804263	1 May-73	599751	4814174	175.3	14.3 Fr			3.7	36	60	9.8	1660	WS	MOE# 2804263 0.0 BLCK TPSL 0.3 BRWN CLAY 6.4 RED SHLE 15.2
22												CT	DO	
2804662	1 Sep-74	599745	4814111	173.7	15.2 Fr			7.3	5	60	21.3	1660	WS	MOE# 2804662 0.0 BRWN CLAY 6.1 RED SHLE 21.3
22												CT	DO	
2804788	2 Aug-75	599971	4814693	179.8	18.9 Fr			8.5	5	120	21.3	4005	WS	MOE# 2804788 0.0 BRWN CLAY 7.0 RED CLAY 13.4 RED SHLE 21.3
21												CT	DO	
2805029	10 Aug-76	601735	4821683	193.2	15.2 Fr			15.8	5	60	21.9	1307	WS	MOE# 2805029 0.0 BRWN TPSL 5.5 GREY CLAY STNS 15.2 SAND 15.8 RED CLAY 22.6 RED SHLE 22.6
2												BR	DO	
2805349	2 Jan-79	601915	4817223	185.9	18.9 Fr			2.4	5	60	13.1	4005	WS	MOE# 2805349 0.0 BRWN CLAY SNDY LOOS 2.4 BRWN SAND BLDR GRVL 4.9 GREY CLAY LOOS 6.7 BRWN CLAY BLDR SNDY 9.1 BRWN CLAY SNDY LOOS 11.0 RED SHLE HARD 19.8
13												CT	DO	
2805424	1 Jul-78	598695	4810363	160.0	17.4 Fr			7.3	32	60	14.0	3349	WS	MOE# 2805424 0.0 BLCK TPSL 0.3 BRWN CLAY 1.8 RED SHLE 18.0
30												CT	DO	
2805697	2 Apr-81	600515	4815583	189.0	14.6 Fr			4.9	9	60	36.3	3108	WS	MOE# 2805697 0.0 BRWN CLAY GVLY 5.2 BLUE CLAY GVLY 13.4 RED SHLE 31.1 BLUE SHLE 36.6
18												RC	DO	
2805743	7 Mar-80	601275	4819503	192.0	26.2 Fr			10.1	32	60	27.4	3349	WS	MOE# 2805743 0.0 BLCK TPSL 0.3 GREY CLAY STNS 6.4 BLUE CLAY 10.7 BRWN MSND CLAY 17.1 RED CLAY SOFT 20.7 RED SHLE HARD 27.4
10												CT	DO	
2805808	1 Dec-81	599635	4814023	170.7	9.1 Fr			NR	9	120	15.2	2803	WS	MOE# 2805808 0.0 TPSL 0.9 RED SHLE 15.2
22												CT	DO	
2805809	1 Dec-81	599695	4814083	170.7	10.7 Fr			1.8	9	120	16.8	2803	WS	MOE# 2805809 0.0 TPSL 0.9 BRWN CLAY 2.4 RED SHLE 16.8
22												CT	DO	
2806310	2 Jul-85	601687	4816952	191.7	20.1 Fr			3.7	5	60	21.0	4005	WS	MOE# 2806310 0.0 BRWN CLAY SNDY LOOS 2.4 GREY CLAY LOOS 7.6 GREY CLAY GRVL LOOS 14.6 GREY SAND LOOS 15.2 RED SHLE HARD 21.3
14												CT	DO	
2806399	1 Sep-85	601692	4816820	190.8	13.7 Sa			6.1	5	19.8	19.8	4207	AS	MOE# 2806399 0.0 BRWN CLAY 5.5 RED SHLE 19.8
14												RA	NU	
2806530	2 Oct-86	600342	4817341	190.8	22.9 Sa			NR	5	120	24.1	4006	WS	MOE# 2806530 0.0 BRWN CLAY LOOS 1.5 BRWN SAND CLAY 5.5 GREY SAND CLAY LOOS 8.8 GREY SAND CLAY BLDR 9.4 GREY CLAY LOOS 12.2 GREY SAND FGVL PCKD 14.6 GREY SAND PCKD 16.8 GREY SAND CGVL LOOS 18.3 RED SHLE HARD 24.4
15												CT	DO	
2806585	2 Feb-87	602367	4820884	286.8	19.8 Fr			5.2				3030	WS	MOE# 2806585 0.0 BRWN TPSL 0.3 BRWN SAND CLAY 5.2 BLUE CLAY SILT LYRD 12.2 GREY SILT STNS HARD 18.3 BLUE CLAY SILT LYRD 19.8 GREY SAND 19.8
6												BR	DO	

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP	LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl	Qu	m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2806640	1	Apr-87	602049	185.9				NR			4005	AS	MOE# 2806640	0.0 BRWN CLAY FGVL LOOS 2.7 GREY CLAY FGVL
	12		4817318								CT	DO		LOOS 5.2 RED CLAY SNDY FGVL 5.8 BRWN SAND FGVL LOOS 6.4 GREY SAND PCKD 7.3 GREY CLAY CGVL LOOS 9.1 RED SHLE HARD 15.2
2806945	1	Jun-88	602207	188.1	6.1 Fr			8.5	14	60	14.9	4868	WS	MOE# 2806945
	1		4821130								BR	DO		0.0 BRWN TPSL SOFT 0.3 BRWN CLAY STNS HARD 4.3 GREY CLAY STNS HARD 13.7 RED CLAY STNS HARD 15.2 GREY CLAY SAND STNS 16.8
2806962	2	Jun-88	599236	185.9	17.4 -			11.6	14	180	21.3	4005	WS	MOE# 2806962
	20		4815470								CT	DO		0.0 BRWN CLAY LOOS 7.0 BRWN CLAY SNDY LOOS 10.7 GREY CLAY SNDY FGVL 11.6 GREY GRVL SAND LOOS 13.1 RED CLAY LOOS 17.4 RED SHLE HARD 22.9
2807064	1	Oct-88	599413	167.9	5.2 Fr			4.3	5	120	13.1	5417	WS	MOE# 2807064
	23		4813776								CT	DO		0.0 BRWN CLAY 3.0 RED SHLE 3.7 RED SHLE 14.6
2807204	2	Sep-88	600619	189.9	13.4 Fr			6.4	18	60	19.2	1660	WS	MOE# 2807204
	17		4815919								CT	DO		0.0 BLCK TPSL 0.3 BRWN CLAY 8.2 GREY CLAY SAND 10.7 GRVL HARD 12.8 RED SHLE SOFT 14.6 RED SHLE HARD 20.7
2807205	2	Jun-88	600936	187.8	20.7 Fr			6.4	36	60	19.8	1660	WS	MOE# 2807205
	16		4816072								RC	DO		0.0 BRWN CLAY SOFT 6.1 GREY CLAY SAND MSND 11.3 RED SHLE HARD 23.2
2807626	9	Jul-90	601464	195.1	23.5 -			10.4	9	120	22.9	4005	WS	MOE# 2807626
	2		4821384								CT	PU		0.0 BRWN CLAY SAND LOOS 7.6 GREY CLAY SAND LOOS 23.2 BRWN GRVL SAND LOOS 23.5
2808038	1	Jul-91	598278	163.4	21.6 Fr			4.3	45	120	22.3	1660	WS	MOE# 2808038
	30		4810697								CT	PU		0.0 BRWN CLAY SOFT 4.9 RED CLAY SOFT 6.4 RED SHLE HARD 30.8
2808185	1	Jun-93	598333	162.5	6.4 Fr			4.0	5	480	18.3	1737	WS	MOE# 2808185
	30		4810695								RC	PU		0.0 BLCK FILL SOFT 0.3 BRWN CLAY SILT SOFT 1.8 TILL HARD 4.3 RED SHLE SOFT 25.9
2808186	1	Jun-93	598246	165.5	6.4 Fr			NR	5			1737	-	MOE# 2808186
	30		4810773									RC	-	0.0 BLCK TPSL SOFT 0.3 BRWN CLAY SILT SOFT 1.8 BRWN TILL HARD 4.9 RED SHLE SOFT 25.9
2808187	1	Jun-93	598329	162.5	6.4 -			NR				1737	AQ	MOE# 2808187
	30		4810692									RC	NU	0.0 TPSL 0.3 BRWN CLAY SILT SOFT 1.8 BRWN TILL HARD 4.3 RED SHLE SOFT 9.1
2808465	2	Jan-96	600993	196.0				NR				1737	AS	MOE# 2808465
	15		4816672									-	NU	0.0 PRDG 8.2
2808524	2	May-96	600599	189.0				NR				1663	AB	MOE# 2808524
	15		4816984									DG	NU	0.0 PRDG 2.4
2808538	2	Apr-96	597441	172.5	12.2 Fr			3.4	14	60	20.4	1660	WS	MOE# 2808538
	31		4811402									CT	DO	0.0 BLCK TPSL 0.6 BRWN CLAY 6.4 RED SHLE 21.3

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yy	NORTHING	masl	mbgl	Qu	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2808764	2	Sep-97	600730	193.9	16.2	Fr	5.2	23	60	19.5	1660	WS	MOE# 2808764
13			4818452								CT	DO	0.0 BLCK TPSL 0.9 GREY CLAY 3.7 GREY CLAY SAND 13.7 GREY SAND GRVL 16.2 RED SHLE 21.0
2808925	1	Nov-98	597874	162.2			34.1				1663	OW	MOE# 2808925
32			4810170								RC	NU	0.0 BRWN TPSL 0.3 BRWN CLAY 3.7 BLUE CLAY GRVL 11.6 BLCK BLDR 12.2 RED CLAY GRVL 17.7 GREY GRVL SAND 43.3 RED SHLE 43.9
2809621		Dec-01	601029	195.4	12.8	Fr	NR				1129	OW	MOE# 2809621
			4816843								OTH	NU	0.0 BLCK TPSL 0.3 BRWN SILT CLAY DNSE 4.0 GREY CLAY SILT DNSE 8.8 GREY SILT CLAY STNS 12.8 GREY FSND LYRD 14.9
2809732	2	Apr-03	601431	191.7			NR				6974	AQ	MOE# 2809732
19			4819740								-	DO	0.0
2809734	2	Apr-03	601439	191.7			NR				6974	AQ	MOE# 2809734
19			4819739								-	DO	0.0
2809735	9	Apr-03	601818	191.7			NR				6974	AQ	MOE# 2809735
1			4820662								-	DO	0.0
2810063	2	Sep-04	598020	171.6	7.0	Un	NR				6607	AB	MOE# 2810063
27			4812855								BR	-	0.0
2810187		Mar-05	598660	160.3			NR				4005	-	MOE# 2810187 TAG#A022022
			4810361								-	-	0.0 PRDR 13.7
2810188	1	Mar-05	598681	160.3			7.0		60	9.1	4005	WS	MOE# 2810188 TAG#A022021
30			4810374								CT	DO	0.0 BRWN CLAY 3.7 BRWN CLAY GRVL 4.3 RED CLAY 7.9 RED SHLE 16.8
2810204	2	Mar-05	601519	186.5	11.6	Un	4.3	18	60	5.5	3030	WS	MOE# 2810204 TAG#A023150
11			4818094								BR	DO	0.0 BRWN TPSL 0.3 BRWN CLAY 3.7 GREY SILT STNS HARD 7.9 GREY SILT SAND LYRD 11.6 RED SHLE 12.2
2810248	2	Apr-05	601497	187.8			NR				4868	AB	MOE# 2810248
12			4818080								BR	DO	0.0
2810249	2	Apr-05	601486	188.1			NR				4868	AB	MOE# 2810249
11			4818075								BR	ST	0.0
2810311	2	Jun-05	601492	187.8			NR				4868	AS	MOE# 2810311
11			4818065								-	DO	0.0
2810342		Aug-05	600880	182.9			NR				6809	TH	MOE# 2810342 TAG#A023191
			4815855								OTH	-	0.0 BLCK TPSL 0.3 BRWN TILL 7.6 RED SHLE 9.1
2810347		Jun-05	597238	175.0			NR				7215	OW	MOE# 2810347 TAG#A025569
			4811362								OTH	-	0.0
2810671		Sep-06	600666	188.4			NR				3349	AB	MOE# 2810671
17			4815888								-	-	0.0
2810672	2	Oct-06	602094	181.4			NR				3349	AB	MOE# 2810672
12			4817483								-	-	0.0
4909858	1	Jun-05	598091	171.0			NR				4868	AQ	MOE# 4909858
28			4812145								BR	DO	0.0
7047696	1	Jul-07	598845	158.2			NR				1660	AB	MOE# 7047696
30			4810126								-	-	0.0

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP	LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl	Qu	mbgl	m	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
7100722		Nov-07	600282 4814637	175.0	NR		NR				7241	-	MO	MOE# 7100722 TAG#A013306
7102652		Feb-08	600245 4814472	172.5	NR		NR				7241	OTH	TH	MOE# 7102652 TAG#A056727 0.0 BLCK TPSL 0.9 GREY SILT CLAY DRY 3.0 RED SILT CLAY DNSE 4.6
7105448	1	May-08	600923 4815793	182.0	0.6		0.6				7219	DG	AQ	MOE# 7105448 TAG#A071864
7105449	1	May-08	600967 4815752	181.4	0.6		0.6				7219	DG	NU	MOE# 7105449 TAG#A071865
7105450	1	May-08	600985 4815798	179.8	NR		NR				7219	DG	AB	MOE# 7105450 TAG#A071845
7114667	9	Oct-08	602693 4820312	184.7	NR		NR				4868	CT	AB	MOE# 7114667
7114867	9	Sep-08	600684 4816918	189.9	NR		NR				6809	OTH	TH	MOE# 7114867 TAG#A073763 0.0 BRWN TPSL 0.3 GREY CLAY SILT TILL 7.6 RED CLAY SAND TILL 9.1
7135912	2	Nov-09	600397 4815275	182.9	0.9		0.9				7140	DG	AB	MOE# 7135912
7141085	5	Nov-09	597705 4811995	172.8	21.3	Fr	7.9	60	32	60	20.7	7268	WS	MOE# 7141085 TAG#A093215 0.0 BRWN CLAY 0.6 BRWN SAND CLAY 5.5 GREY CLAY 11.0 RED CLAY 11.9 RED SHLE 23.2
7160589	2	Jun-10	600104 4816877	NR	24.1	Un	4.0	60	18	60	24.4	7268	WS	MOE# 7160589 TAG#A093224 0.0 BRWN CLAY 7.0 BRWN CLAY SAND GRVL 9.1 RED CLAY 9.8 RED SHLE HARD 25.9
7160935		Oct-10	600083 4816884	NR	21.0	Fr	5.2	60	14	60	9.8	1737	WS	MOE# 7160935 TAG#A095263 0.0 BRWN CLAY HARD 2.1 BRWN CLAY STNS HARD 7.6 RED SHLE MGRD 70.1 BLUE SHLE MGRD 91.4
7160937		Oct-10	598822 4813516	NR			NR				1737	-	AS	MOE# 7160937 0.0 BRWN CLAY 1.2 GREY CLAY STNS HARD 14.6 RED SHLE MGRD 29.6
7160939	2	Oct-10	598804 4813543	NR	19.5	Fr	10.4	60	5	60	16.5	1737	WS	MOE# 7160939 TAG#A095267 0.0 BRWN CLAY HARD 7.9 GREY CLAY HARD 14.6 RED SHLE MGRD 23.8
7166442	1	May-11	601193 4816163	NR			NR				1663	OTH	AS	MOE# 7166442
7173101	2	Nov-11	601652 4817972	NR			FLW				7407	DG	AB	MOE# 7173101
7178140		Jun-11	600083 4816884	NR	21.0	Fr	5.2	60	14	60	9.1	1737	WS	MOE# 7178140 TAG#A095263 0.0 BRWN CLAY HARD 2.1 RED CLAY STNS HARD 7.6 RED SHLE 70.1 BLUE SHLE 91.4
7178141		Jun-11	600083 4816884	NR			NR				1737	-	AB	MOE# 7178141
7190548	1	Jul-12	601085 4815958	NR			1.2				7219	-	AB	MOE# 7190548 TAG#A127179
7199947	16	Mar-13	597305 4811464	NR	1.2	-3.0	NR				7241	-	AB	MOE# 7199947
													TH	0.0

LABEL LOT	CON DATE	EASTING NORTHING	ELEV masl	WTR FND mbgl Qu	ICR TOP LEN mbgl m	SWL mbgl	RATE L/min	TIME min	PL DRILLER mbgl METHOD	TYPE STAT	WELL NAME DESCRIPTION OF MATERIALS
7199948	Mar-13	597271 4811473	NR	NR	1.2 -3.0	NR			7241 DP	TH TH	MOE# 7199948 TAG#A140020 0.0 BRWN FILL SAND GRVL 1.5 BRWN SILT CLAY 4.3
7199949	Mar-13	597305 4811464	NR	NR	1.2 -3.0	NR			7241 DP	TH TH	MOE# 7199949 TAG#A139988 0.0 BRWN FILL 1.5 BRWN SILT CLAY 4.3
7200051 30	Oct-12	597210 4811754	NR	15.2 Ff	4.9				7268 CT	WS -	MOE# 7200051 TAG#A007933 0.0 GRVL 0.9 BRWN CLAY SNDY 6.1 GREY CLAY SNDY 7.6 RED SHLE 16.5
7201765	Jan-13	598352 4810633	NR	NR	1.8 -1.5	NR			7324 RC	OW MO	MOE# 7201765 TAG#A132795 0.0 BRWN SAND GRVL FILL 0.3 BRWN SAND SILT SAND 0.6 BRWN SILT SILT 1.5 BRWN SILT CLAY SILT 2.1 BRWN CLAY SILT SILT 3.7
7206523	Jul-13	603350 4820360	NR	NR	2.1 -1.5	NR			7241 DP	- -	MOE# 7206523 TAG#A150670 0.0 BRWN FILL LOOS 0.9 BRWN SILT SAND LOOS 3.4 BRWN SAND SILT DNSE 3.7

QUALITY:

Fr Fresh
Mn Mineral
Sa Salty
Su Sulphur
-- Unrecorded

TYPE:

WS Water Supply
AQ Abandoned Quality
AS Abandoned Supply
AB Abandonment Record
TH Test Hole or Observation

USE:

CO Comercial
DO Domestic
MU Municipal
PU Public
ST Stock

METHOD :

CT Cable Tool
JT Jetting
RC Rotary Conventional
RA Rotary Air
BR Boring

Eastings and Northings UTM NAD 83 Zone 17, Translated from Recorded UTM NAD, subject to Field Verified Location or Improved Location Accuracy.
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LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP	LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yy	NORTHING	masl	mbgl	Qu	m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2801432	10	Jun-60	596045	216.7	5.8	Fr		3.0		480		1325	WS	MOE# 2801432
	1		4828006									BR	DO	0.0 BRWN CLAY BDR 3.7 BLUE CLAY BDR 6.1
2801436	10	Oct-62	596088	216.1	4.6	Fr		3.0	9	1440	4.6	3711	WS	MOE# 2801436
	1		4827911									BR	DO	0.0 CLAY 4.6 GRVL 5.5
2801523	11	Jul-58	596522	213.7	24.7	Fr		4.6	9	360	18.3	1718	WS	MOE# 2801523
	1		4828435									CT	DO	0.0 TPSSL 0.3 YLLW CLAY 9.1 BLUE CLAY 24.4 GRVL 24.7
2801525	11	Sep-64	596869	208.8	12.2	Fr		6.1	5			1307	WS	MOE# 2801525
	1		4828890									BR	DO	0.0 BRWN TPSSL CLAY 3.0 GREY CLAY 11.3 GREY MSND 12.2
2801526	11	Jul-64	596884	208.8	13.4	Fr		6.1	5			1307	WS	MOE# 2801526
	1		4828908									BR	DO	0.0 BRWN TPSSL CLAY 3.7 GREY CLAY 12.8 MSND 13.4
2801528	11	Sep-65	596894	208.8	16.2	Fr		3.0	45	150	3.0	4101	WS	MOE# 2801528
	1		4828956									CT	DO	0.0 PRDG 9.1 BLUE CLAY 15.2 BLUE SHLE 16.2 GRVL 18.3
2801529	11	Dec-66	596580	213.1	32.9	Fr		26.5		120	32.6	1613	WS	MOE# 2801529
	1		4828485									CT	DO	0.0 TPSSL BDR 9.8 CLAY MSND 21.6 LMSN SHLE 34.1
2802187	2	Aug-58	602652	183.5	22.3	Mh		11.9	5	60	16.2	1718	WS	MOE# 2802187
	5		4820709									CT	DO	0.0 TPSSL 0.3 YLLW CLAY 3.0 STNS 4.3 BLUE CLAY 11.0 RED SHLE 22.3
2802188	2	Mar-66	602695	182.9	12.2	Fr		6.7	5			1307	WS	MOE# 2802188
	4		4821399									BR	DO	0.0 BRWN TPSSL CLAY 5.5 GREY CLAY 11.3 GRVL MSND 12.2
2802190	2	Jul-53	602441	185.6	12.2	Fr		1.8	18		12.2	1429	WS	MOE# 2802190
	6		4820840									CT	DO	0.0 CLAY 3.7 QSNL 10.4 GRVL 12.2
2802194	2	Sep-53	601873	189.3	18.3	Fr		9.4	45	120	9.4	1642	WS	MOE# 2802194
	7		4820307									CT	DO	0.0 PRDG 12.2 CLAY MSND GRVL 18.3
2802196	2	Oct-66	601361	192.0	28.3	Fr		9.8	9	60	27.4	1612	WS	MOE# 2802196
	9		4819688									CT	DO	0.0 TPSSL 0.3 CLAY 18.0 STNS 18.3 GREY MSND 22.3 GRVL 24.1 GREY MSND 26.8 RED SHLE 29.0
2802200	2	Dec-67	601275	193.5	19.8	Fr		17.7	9	60	20.7	1308	WS	MOE# 2802200
	10		4819526									BR	ST	0.0 TPSSL 0.3 HPAN 0.9 BRWN CLAY 6.4 BLUE CLAY 11.3 MSND CLAY 14.9 FSND 17.4 CLAY 19.8 MSND 20.4 HPAN 21.0
2802201	2	Mar-53	601332	190.5	18.9	Fr		5.5	9			1642	WS	MOE# 2802201
	12		4818397									CT	DO	0.0 CLAY GRVL 13.4 RED SHLE 19.5
2802642	8	Apr-63	601337	192.0	13.7	Fr		9.1	9			1307	WS	MOE# 2802642
	1		4819745									BR	DO	0.0 BRWN TPSSL CLAY 4.6 RED CLAY 13.7 CSND GRVL 15.2
2802645	8	Aug-67	601030	190.2	18.3	Fr		7.6	18			1307	WS	MOE# 2802645
	1		4819333									BR	DO	0.0 BRWN TPSSL CLAY 5.5 GREY CLAY 14.6 GREY CLAY BDR 17.7 MSND 18.3
2802665	9	Sep-54	601742	192.6	23.8	Fr		9.8	14	60	15.2	1642	WS	MOE# 2802665
	1		4820529									CT	DO	0.0 TPSSL 0.6 GREY CLAY 7.6 MSND CLAY 22.9 GRVL 24.1

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl	Qu	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2802666	9	Sep-56	602081	188.4	21.0	Fr	5.5			1642	WS	DO	MOE# 2802666 0.0 PRDG 4.6 CLAY 21.3
	1		4820721							CT	DO		
2802667	9	Nov-56	602148	187.8	23.8	Fr	7.3			1642	WS	DO	MOE# 2802667 0.0 PRDG 9.1 CLAY MSND 24.4
	1		4820784							CT	DO		
2802668	9	Jul-58	601950	189.0	18.6	Fr	4.6	27	720	1718	WS	DO	MOE# 2802668 0.0 PRDG 12.2 SILT 13.7 RED SHLE 18.6
	1		4820526							CT	DO		
2802669	9	Jan-64	602232	187.5	26.2	Fr	5.8	9	60	1612	WS	DO	MOE# 2802669 0.0 TPSL 0.6 CLAY BLDR 16.8 CLAY MSND 25.3 GRVL 26.2
	1		4821108							CT	DO		
2802670	9	May-65	602207	187.5	33.5	Fr	4.9	5	150	1612	WS	DO	MOE# 2802670 0.0 TPSL 0.6 BLUE CLAY 18.9 MSND GRVL 25.3 RED SHLE 33.8
	1		4821138							CT	DO		
2802671	9	Mar-66	601880	190.8	18.9	Fr	6.1	227		1307	WS	DO	MOE# 2802671 0.0 BRWN TPSL CLAY 5.5 GREY CLAY 18.3 GREY CSND 18.9
	1		4820433							BR	DO		
2802672	9	Dec-66	601835	191.4	19.8	Fr	9.1	9		1307	WS	DO	MOE# 2802672 0.0 BRWN TPSL CLAY 5.5 GREY CLAY 19.2 MSND 19.8
	1		4820730							BR	DO		
2802673	9	Jul-67	602267	185.9			NR			1612	AS	AS	MOE# 2802673 0.0 TPSL 0.3 BLUE CLAY 16.5 GRVL MSND 28.3 RED SHLE 42.7
	1		4820936							CT	-		
2802674	9	Jul-67	602250	185.9	32.0	Fr	7.6		2880	1612	WS	DO	MOE# 2802674 0.0 TPSL 0.3 BRWN CLAY 20.7 GRVL FSND 27.4 RED SHLE 32.9
	1		4820961							CT	DO		
2802678	9	Sep-55	600681	189.9	14.6	Fr	2.7	9	240	1429	WS	DO	MOE# 2802678 0.0 TPSL 1.5 GREY CLAY 2.4 BLUE CLAY 4.9 RED CLAY MSND STNS 12.8 BLUE BLDR 14.6
	4		4822548							CT	DO		
2802681	9	Jun-61	599954	189.9	6.1	Fr	6.1	5		1307	WS	DO	MOE# 2802681 0.0 BRWN TPSL CLAY 3.7 RED CLAY 6.1 CSND 6.7 RED CLAY 8.2 RED SHLE 10.7
	5		4822863							BR	DO		
2802682	9	Aug-63	599967	189.9	6.1	Fr	6.1		1440	1307	WS	DO	MOE# 2802682 0.0 BRWN TPSL CLAY 3.4 RED CLAY 6.1 GRVL MSND 7.6 RED SHLE 10.7
	5		4822861							BR	DO		
2802683	9	Aug-63	599949	189.9	12.8	Sa	7.6	5		1307	AQ	AQ	MOE# 2802683 0.0 BRWN TPSL CLAY 3.0 RED CLAY 6.1 RED SHLE 12.8
	5		4822883							BR	NU	NU	
2802685	9	Apr-61	599836	189.6	10.7	Fr	10.7	5		1307	WS	DO	MOE# 2802685 0.0 BRWN TPSL CLAY 3.7 BLUE CLAY 10.7 MSND 11.3 RED SHLE 14.3
	6		4822843							BR	DO		
2802688	9	Apr-61	596679	203.6	12.2	Fr	10.7	9		1307	WS	DO	MOE# 2802688 0.0 BRWN TPSL CLAY 4.0 GREY CLAY STNS 11.6 CSND 12.2
	11		4824698							BR	DO		
2802689	9	Aug-61	597883	201.8	10.4	Fr	6.1	9		1307	WS	DO	MOE# 2802689 0.0 BRWN TPSL 6.1 RED CLAY 10.1 GRVL 10.4
	11		4825281							BR	DO		
2802690	9	Dec-63	597099	200.3	12.2	Fr	NR	9		1307	WS	DO	MOE# 2802690 0.0 BRWN TPSL CLAY 3.7 GREY CLAY 11.6 MSND 12.2
	11		4824361							BR	DO		

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP	LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME	
LOT		mm-yr	NORTHING	masl	mbgl	Qu	m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS	
2802691	9	May-66	597846	201.2	10.7	Fr	9.1 -2.7	2.4			3002	OW	MOE# 2802691	0.0 GREY SILT CLAY STNS 12.2	
	11		4825218								RC	NU			
2802692	9	Jan-66	597198	205.1	11.6	Fr		6.1	9		1307	WS	MOE# 2802692	0.0 BRWN TPSL CLAY 3.0 RED TPSL MSND 11.0	
	12		4825950								BR	DO		CSND GRVL 11.6	
2802694	9	Feb-66	595795	208.5	13.1	Fr	11.0 -1.5	FLW	36	240	12.2	2406	WS	MOE# 2802694	0.0 CLAY GRVL STNS 6.1 FSND GRVL 11.6 CLAY
	14		4826283		9.1	Fr	7.6 -2.4				CT	PU		FSND 17.1 RED SHLE 20.1	
2802695	9	Jan-66	595806	209.7				0.6	18		2406	AQ	MOE# 2802695	0.0 CLAY BLDR 15.2 CLAY SILT 19.5 RED SHLE	
	14		4826338								CT	NU		45.7	
2802696	9	Mar-66	595694	208.5	8.8	Fr	7.3 -1.5	FLW	27		2406	WS	MOE# 2802696	0.0 CLAY BLDR 8.8 GRVL FSND 11.0	
	14		4826142								CT	PU			
2802698	9	Mar-65	595509	214.9	7.6	Fr		7.6	23	1440	9.1	3413	WS	MOE# 2802698	0.0 BRWN CLAY 7.6 BLUE CLAY 9.1 MSND 11.0
	15		4826974								BR	DO			
2802700	9	Feb-66	595334	214.9	19.8	Fr		4.3	9	480	24.4	2613	WS	MOE# 2802700	0.0 YLLW CLAY 4.9 BLUE CLAY STNS SILT 19.8
	15		4826840								CT	DO		RED SHLE 26.8	
2802701	10	Sep-67	602253	186.2	30.5	Fr		6.4	9	120	33.8	4602	WS	MOE# 2802701	0.0 PRDG 9.8 GREY CLAY 13.4 GREY CLAY GRVL
	1		4821259		24.4	Fr					CT	DO		20.7 RED CLAY 22.3 RED SHLE 33.8	
2802702	10	Nov-64	601732	193.5	23.2	Fr		12.2			1307	WS	MOE# 2802702	0.0 BRWN TPSL CLAY 5.5 GREY CLAY 15.2 RED	
	2		4821709								BR	DO		CLAY 20.7 RED SHLE 23.2	
2802704	10	Aug-64	601334	191.1	16.5	Fr		7.6	9		1307	WS	MOE# 2802704	0.0 BRWN TPSL 3.7 GREY CLAY 16.2 GRVL 16.5	
	3		4822081								BR	DO			
2802705	10	Mar-57	600612	192.3	12.5	Fr		8.2	5		1307	WS	MOE# 2802705	0.0 BRWN TPSL CLAY 4.6 GREY CLAY STNS 12.2	
	6		4823810								BR	DO		GREY MSND 12.5 GREY CLAY STNS 12.8	
2802706	10	Aug-59	600662	192.3	15.8	Fr		6.7	5	240	25.6	1718	WS	MOE# 2802706	0.0 TPSL 0.3 YLLW CLAY 4.9 RED CLAY 14.0
	6		4823880								CT	DO		RED SHLE 25.6	
2802707	10	Nov-59	600630	192.3	20.7	Fr		5.5	9	120	20.7	2906	WS	MOE# 2802707	0.0 BRWN CLAY STNS 18.3 RED SHLE 20.7
	6		4823825								CT	DO			
2802708	10	May-60	600600	192.3	10.7	Fr		10.7		1440		1307	WS	MOE# 2802708	0.0 BRWN TPSL CLAY 3.7 GREY CLAY STNS 10.1
	6		4823820								BR	DO		CSND 10.7 RED SHLE 13.7	
2802711	10	Jul-64	598649	195.4	6.1	Fr		3.0	45		1307	WS	MOE# 2802711	0.0 BRWN TPSL CLAY 3.0 RED SHLE 6.1	
	9		4824637								BR	DO			
2802712	10	Apr-60	598350	201.5	29.0	Fr		5.5	5	720	12.2	1612	WS	MOE# 2802712	0.0 PRDG 6.7 BRWN CLAY 12.5 FSND 17.7 HPAN
	10		4825780								CT	DO		20.4 RED SHLE 29.6	
2802713	10	Nov-60	598390	198.7	7.3	Fr		3.7	9		1307	WS	MOE# 2802713	0.0 BRWN TPSL CLAY 3.7 RED SHLE 7.3	
	10		4825823								BR	DO			
2802716	10	May-62	598269	199.3	14.9	Fr		9.1	5		1307	WS	MOE# 2802716	0.0 BRWN TPSL CLAY 6.1 RED CLAY 14.3 CSND	
	11		4825942								BR	DO		14.9	

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yy	NORTHING	masl	mbgl	Qu	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2802719	10	Jun-65	597598 4826835	207.0	6.4 Fr	4.6 -1.8	-1.8				3108 CT	WS PU	MOE# 2802719 0.0 TPSL 0.6 BLUE CLAY 3.4 RED CLAY 5.8 BLUE CLAY GRVL 6.4 BLUE CSND 7.6 RED CSND 8.2 RED CLAY 8.5
2802720	10	Jul-62	597285 4825991	204.8	13.4 Fr		3.4	18	120	10.1	3415 CT	WS DO	MOE# 2802720 0.0 BRWN CLAY 1.8 BRWN CLAY STNS 6.7 BRWN CLAY MSND 10.7 BRWN FSND 13.4 GRVL 14.9
2802721	10	Jul-53	597225 4826058	205.1	13.4 Fr		4.6	68			1642 CT	WS ST	MOE# 2802721 0.0 CLAY 13.4
2802722	10	Sep-63	597139 4826123	206.0	12.8 Fr		6.1	5			1307 BR	WS DO	MOE# 2802722 0.0 BRWN TPSL CLAY 3.7 RED CLAY 12.2 CSND 12.8
2802723	10	May-67	597214 4826118	205.1	11.9 Fr		6.1	9			1307 BR	WS DO	MOE# 2802723 0.0 BRWN TPSL CLAY 3.7 GREY CLAY 11.0 RED CLAY 11.6 MSND 11.9
2802724	10	Sep-55	597598 4827395	209.4	8.2 Fr		FLW	150			1642 CT	TH NU	MOE# 2802724 0.0 CLAY 8.2
2802725	10	Aug-63	596924 4828072	214.0	6.7 Fr		4.6	55	240	5.2	1309 CT	WS DO	MOE# 2802725 0.0 BLCK TPSL 0.3 BRWN CLAY 2.1 CLAY MSND GRVL 6.7 CSND GRVL CLAY 10.1
2802735	11	Apr-50	597926 4827928	210.0	23.2 Fr		6.1	23	30	18.3	1429 CT	WS DO	MOE# 2802735 0.0 TPSL 0.3 RED CLAY 3.0 BLUE CLAY 6.1 GRVL 6.4 GRVL CLAY MSND 22.9 GRVL 23.5
2802736	11	Sep-60	597204 4828507	208.8	17.4 Fr		4.0	36	240	7.6	4101 CT	WS ST	MOE# 2802736 0.0 BRWN CLAY 0.9 BLUE CLAY 7.6 GRVL MSND 9.1 GRVL 17.4
2802737	11	Dec-54	597414 4828523	208.8	20.4 Fr		4.3	45	150	16.8	1429 CT	WS DO	MOE# 2802737 0.0 TPSL CLAY 0.3 CLAY 13.7 FSND 18.3 GRVL 20.4
2802738	11	Aug-55	596870 4828752	208.8	10.4 Fr		2.4				3512 CT	WS DO	MOE# 2802738 0.0 YLLW CLAY 2.4 BLUE CLAY 6.4 MSND GRVL 12.8
2802739	11	Jul-62	596813 4828711	208.8	13.4 Fr		9.1	5			1307 BR	WS DO	MOE# 2802739 0.0 BRWN TPSL CLAY 3.7 GREY CLAY 13.1 GRVL 13.4
2802740	11	Sep-64	596704 4828595	210.0	12.2 Fr		6.1	5			1307 BR	WS DO	MOE# 2802740 0.0 BRWN TPSL CLAY 3.7 RED CLAY 11.6 MSND 12.2
2802741	11	Jul-66	596870 4828782	208.8	14.0 Fr		6.1	9			1307 BR	WS DO	MOE# 2802741 0.0 BRWN TPSL CLAY 3.0 RED CLAY 13.4 MSND 14.0
2802759	9	Jul-68	601955 4820523	189.0	15.2 Fr		7.6	5	60	13.7	1308 BR	WS DO	MOE# 2802759 0.0 BRWN CLAY 7.6 BLUE CLAY 15.2 CLAY MSND 18.3
2802771	9	Sep-68	598445 4824593	198.1	7.6 Fr		NR				1307 BR	WS DO	MOE# 2802771 0.0 BRWN CLAY MSND 3.7 CSND 7.6

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yy	NORTHING	masl	mbgl	Qu	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2802807	8	Aug-68	601065	195.1	31.1	Fr	9.8	5	180	31.4	4602	WS	MOE# 2802807 0.0 PRDG 13.7 GREY CLAY BLDR GRVL 19.8 GREY CLAY FSND 24.7 GREY CLAY GRVL 25.9 BLUE CLAY 26.5 RED SHLE 31.4
	1		4819393								CT	DO	
2802810	10	Apr-68	597934	207.3	11.3	Fr	FLW				1308	WS	MOE# 2802810 0.0 TPSL 0.6 BRWN CLAY 2.1 BRWN HPAN 5.8 BLUE CLAY 8.5 CLAY BLDR 11.3 MSND 11.6
	12		4827073								BR	DO	
2803071	10	May-69	596063	216.4	4.9	Fr	0.9				3637	WS	MOE# 2803071 0.0 TPSL 0.3 BRWN CLAY 4.9 MSND GRVL 9.1
	1		4827901								BR	DO	
2803081	10	Dec-69	595933	216.4	7.6	Fr	3.0				1307	WS	MOE# 2803081 0.0 BRWN TPSL 2.4 RED CLAY MSND 7.3 GRVL 7.6
	1		4828081								CT	DO	
2803134	10	Jul-69	595913	216.7	18.0	Fr	2.4	23	120	13.7	3108	WS	MOE# 2803134 0.0 FILL 0.6 BRWN CLAY STNS 7.9 MSND GRVL 16.8 RED CLAY STNS 18.0 RED SHLE 19.8
	1		4828101								CT	DO	
2803193	9	Jul-69	601805	189.0	15.2	Fr	6.1		60	15.2	3637	WS	MOE# 2803193 0.0 BLCK TPSL 0.3 BRWN CLAY 4.3 BLUE CLAY SILT STNS 15.2 GREY CLAY GRVL MSND 16.5
	1		4820363								BR	DO	
2803200	2	Sep-69	601105	193.9	18.3	Fr	7.6		90	16.8	3637	WS	MOE# 2803200 0.0 FILL 0.3 BRWN CLAY STNS 3.7 BLUE CLAY SILT STNS 18.0 BRWN MSND GRVL 18.6
	11		4819073								BR	DO	
2803350	9	Apr-70	602235	185.9	19.2	Fr	4.6	27	60	17.4	1307	WS	MOE# 2803350 0.0 BRWN CLAY 3.0 GREY CLAY STNS 18.9 GRVL BLDR 19.2
	1		4820903								BR	DO	
2803352	10	Apr-70	602155	187.8	20.4	Mh	5.5			21.9	4602	WS	MOE# 2803352 0.0 CLAY 5.8 GREY CLAY 16.8 GREY CLAY GRVL 20.4 RED CLAY 22.3 RED SHLE 23.2
	1		4821263								CT	DO	
2803411	10	Mar-70	602355	185.9	30.5	Sa	9.8	36	17	38.1	3903	OW	MOE# 2803411 0.0 BRWN TPSL 0.6 BRWN CLAY STNS 22.3 BRWN CLAY MSND GRVL 22.6 BRWN CLAY STNS 24.4 BRWN MSND CLAY GRVL 30.5 RED SHLE 39.6
	1		4821053		22.3	Fr					CT	NU	
2803412	10	Mar-70	601675	193.5	19.2	Fr	8.8	50	13	28.7	3903	OW	MOE# 2803412 0.0 BRWN TPSL 0.6 BRWN CLAY STNS 3.7 GREY CLAY STNS SILT 19.2 GREY CLAY SILT 22.3 RED SHLE 32.0
	2		4821703								CT	NU	
2803414	9	Mar-70	600975	189.0	21.3	Fr	2.7				3903	OW	MOE# 2803414 0.0 BRWN CLAY STNS 0.9 BLUE CLAY SILT STNS 10.7 BLUE CLAY SILT 12.2 RED SHLE 21.3
	4		4822363								CT	NU	
2803431	9	Sep-70	600275	189.6	12.2	Fr	6.1	9	60	11.3	1307	WS	MOE# 2803431 0.0 BRWN TPSL MSND 2.4 GREY CLAY 6.7 RED CLAY 7.9 RED SHLE 12.2
	5		4822953								BR	DO	
2803805	10	May-71	595538	214.6	12.8	Fr	3.0			12.8	3637	WS	MOE# 2803805 0.0 BRWN TPSL 0.3 BRWN CLAY 1.8 BRWN MSND STNS 3.7 GREY MSND STNS BLDR 7.9 GREY CLAY 9.4 BRWN CLAY MSND 10.4 BRWN MSND 12.8
	1		4827231		5.8	Fr					BR	DO	
2803939	10	Sep-72	602235	187.5	19.8	Fr	10.7		60	18.9	1307	WS	MOE# 2803939 0.0 BRWN OBDN SAND 4.6 GREY CLAY 16.8 GREY CLAY SAND 19.2 SAND 19.8
	1		4821303								BR	DO	

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl	Qu	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2804011	10	Aug-72	596824	208.8	19.2	Fr	4.9	18	19.8	3637	WS	WS	MOE# 2804011 0.0 BRWN TPSL 0.3 BRWN CLAY 2.7 GREY CLAY 4.9 GREY GRVL 5.2 GREY CLAY STNS 7.9 BRWN SAND STNS 13.7 GREY SAND 14.9 GREY CLAY SAND 18.9 RED SHLE 19.8
	13		4826613		13.7	Fr				BR	IN	IN	
2804078	9	Feb-73	597415	204.2	17.7	Fr	1.2	5	17.1	1815	WS	WS	MOE# 2804078 0.0 TPSL 0.6 BRWN CLAY 6.4 BLUE CLAY STNS 9.8 BRWN CLAY STNS 14.3 BLUE CLAY 15.2 RED SHLE 18.3
	12		4825773							CT	DO	DO	
2804135	9	Aug-72	598515	197.5	12.5	Fr	3.4		13.1	3637	WS	WS	MOE# 2804135 0.0 BRWN TPSL 0.3 BRWN CLAY PCKD 9.8 RED SHLE 13.1
	9		4824683							BR	DO	DO	
2804137	9	Aug-72	602090	188.4	22.6	Fr	5.5	9	21.9	3637	WS	WS	MOE# 2804137 0.0 BRWN TPSL 0.6 BRWN CLAY 4.3 GREY CLAY 15.2 RED CLAY 15.8 GREY CLAY 18.9 BRWN SAND STNS 22.6 BLCK SAND 22.9
	1		4821230							BR	DO	DO	
2804241	2	Jul-73	600932	195.1	22.9	Fr	6.1	9	21.9	1570	WS	WS	MOE# 2804241 0.0 RED CLAY 0.6 BRWN CLAY 5.5 BLUE CLAY 15.2 GRVL 16.5 BLUE CLAY STNS 18.6 BRWN CLAY STNS 19.8 RED SHLE 23.5
	13		4818343		21.3	Fr				CT	DO	DO	
2804356	10	Aug-73	596115	216.4	11.6	Fr	1.8	45	60	3349	WS	WS	MOE# 2804356 0.0 BLCK TPSL STNS 0.3 BRWN CLAY 3.7 BLUE CLAY STNS 9.1 BRWN CSND 11.3 BLCK GRVL 11.9
	1		4827921							CT	DO	DO	
2804873	9	Jun-76	601175	190.2	18.6	Fr	10.7	5	60	1307	WS	WS	MOE# 2804873 0.0 BRWN TPSL 3.0 GREY CLAY 14.9 RED SHLE 18.6
	3		4822103							BR	DO	DO	
2805029	10	Aug-76	601735	193.2	15.2	Fr	15.8	5	60	1307	WS	WS	MOE# 2805029 0.0 BRWN TPSL 5.5 GREY CLAY STNS 15.2 SAND 15.8 RED CLAY 22.6 RED SHLE 22.6
	2		4821683							BR	DO	DO	
2805234	11	Jun-78	596353	217.9			2.4	5		2801	AS	AS	MOE# 2805234 0.0 TPSL 0.3 CLAY 5.2 GRVL CLAY PCKD 8.8 SAND GRVL CLAY 14.9 CLAY GRVL PCKD 19.5 RED SHLE 19.8
	1		4828181							RC	-	-	
2805447	11	Aug-79	596593	213.4	7.6	Fr	2.1	45	60	3637	WS	WS	MOE# 2805447 0.0 BRWN TPSL 0.3 BRWN CLAY SAND STNS 3.7 SAND STNS 4.9 GREY STNS BLDR GRVL 7.6
	1		4828481		4.9	Fr				BR	DO	DO	
2805664	9	Nov-80	598455	198.1	7.6	Fr	3.0	64	60	3637	WS	WS	MOE# 2805664 0.0 BRWN TPSL 0.3 BRWN CLAY STNS HARD 3.0 BRWN MSND 3.7 RED SAND CLAY STNS 5.5 RED SHLE HARD 9.1
	9		4824703		3.7	Fr				BR	DO	DO	
2805677	10	Dec-80	595633	216.4	9.1	Fr	1.8	64		3637	WS	WS	MOE# 2805677 0.0 BRWN TPSL 0.3 BRWN CLAY SAND STNS 9.1 STNS 9.1
	1		4827341		7.3	Fr				BR	IN	IN	
2805743	7	Mar-80	601275	192.0	26.2	Fr	10.1	32	60	3349	WS	WS	MOE# 2805743 0.0 BLCK TPSL 0.3 GREY CLAY STNS 6.4 BLUE CLAY 10.7 BRWN MSND CLAY 17.1 RED CLAY SOFT 20.7 RED SHLE HARD 27.4
	10		4819503						27.4	CT	DO	DO	

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP	LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl	Qu	m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
2806297	9	Apr-85	595490	214.9	18.9	Fr		4.6	36	60	15.2	4005	WS	MOE# 2806297 0.0 BRWN CLAY SNDY LOOS 4.3 BRWN CLAY SNDY GRVL 11.0 BRWN GRVL SNDY BLDL 12.2 BRWN SAND FGVL LOOS 17.7 GREY CLAY LOOS 18.6 BRWN SAND GRVL LOOS 18.9
	15		4826421									CT	ST	
2806542	9	Nov-86	599600	190.8	11.3	Fr		3.7	18	120	10.7	4005	WS	MOE# 2806542 0.0 BRWN SAND LOOS 1.8 GREY CLAY SNDY LOOS 5.5 GREY CLAY SNDY LOOS 9.1 BRWN GRVL LOOS 9.4 GREY CLAY FGVL LOOS 11.0 BRWN GRVL PCKD 11.3
	7		4823519									CT	ST	
2806550	9	May-86	595910	207.9	10.7	Fr		6.1		60	10.7	3637	WS	MOE# 2806550 0.0 BRWN TPSL 0.3 BRWN CLAY STNS PCKD 4.0 GREY CLAY HARD PCKD 7.6 RED CLAY SAND PCKD 10.1 RED SAND STNS LOOS 10.7
	14		4825786									BR	DO	
2806566	9	Feb-87	599600	190.8	18.0	Fr		0.9	5	60	22.6	4005	WS	MOE# 2806566 0.0 RED CLAY FGVL LOOS 15.5 RED GRVL LOOS 17.7 RED SHLE HARD 22.9
	7		4823519									CT	DO	
2806585	2	Feb-87	602367	286.8	19.8	Fr		5.2				3030	WS	MOE# 2806585 0.0 BRWN TPSL 0.3 BRWN SAND CLAY 5.2 BLUE CLAY SILT LYRD 12.2 GREY SILT STNS HARD 18.3 BLUE CLAY SILT LYRD 19.8 GREY SAND 19.8
	6		4820884									BR	DO	
2806944	9	Jun-88	601001	189.9	12.8	Fr		5.2	9	60	14.3	4868	WS	MOE# 2806944 0.0 BRWN TPSL SOFT 0.3 BRWN CLAY STNS HARD 4.9 GREY CLAY STNS HARD 10.7 GREY CLAY STNS BLDR 12.5 RED SHLE CLAY LMSN 14.3
	3		4822078									BR	DO	
2806945	1	Jun-88	602207	188.1	6.1	Fr		8.5	14	60	14.9	4868	WS	MOE# 2806945 0.0 BRWN TPSL SOFT 0.3 BRWN CLAY STNS HARD 4.3 GREY CLAY STNS HARD 13.7 RED CLAY STNS HARD 15.2 GREY CLAY SAND STNS 16.8
	1		4821130									BR	DO	
2806982	9	Jun-88	598155	200.9	12.5	-		3.7	9	60	17.7	4005	WS	MOE# 2806982 0.0 BRWN CLAY SNDY LOOS 1.8 BRWN CLAY SNDY LOOS 4.0 BRWN SAND LOOS 7.3 GREY FSND LOOS 8.8 BRWN GRVL FSND LOOS 11.6 RED CLAY SNDY LOOS 12.2 BRWN CSND FGVL LOOS 13.1 RED SHLE HARD 18.3
	10		4824767									CT	CO	
2806983	9	Aug-88	598172	200.9	12.2	-		5.2	41	60	12.2	4005	WS	MOE# 2806983 0.0 BRWN CLAY SNDY LOOS 3.0 BRWN SAND LOOS 4.0 BRWN CLAY SNDY LOOS 7.3 BRWN CLAY SAND LOOS 11.3 RED CLAY SAND LOOS 12.2 BRWN FGVL LOOS 12.8 GREY CLAY SAND LOOS 13.4 RED SHLE HARD 14.0
	10		4824755									CT	CO	
2806984	9	Aug-88	598140	200.9	12.8	-		3.7	5	60	24.1	4005	AS	MOE# 2806984 0.0 BRWN CLAY SNDY LOOS 2.1 BRWN CLAY GRVL LOOS 4.0 BRWN SAND LOOS 7.9 GREY FSND LOOS 11.0 BRWN SAND GRVL LOOS 11.3 RED CLAY SAND LOOS 12.8 RED SHLE HARD 24.4
	10		4824785									CT	CO	

LABEL CON LOT	DATE	EASTING NORTHING	ELEV masl	WTR FND m	WTR FND Qu	ICR TOP LEN m	SWL m	RATE L/min	TIME min	PL DRILLER	TYPE	WELL NAME
	mm-yr			mbgl	Qu	mbgl	mbgl	L/min	min	METHOD	STAT	DESCRIPTION OF MATERIALS
2806994	9 Sep-88	601159	189.9	39.6	Sa	4.3	91	90	1130	WS	MOE# 2806994	0.0 BRWN TPSL 1.2 RED CLAY GRVL PCKD 6.7
3		4822101		29.0	Sa				CT	DO		GREY CLAY 12.2 RED CLAY CSND HARD 13.7 RED SHLE HARD 17.1 RED ROCK 45.7
2807364	10 Aug-89	596526	214.9	15.2	Fr	6.1	18	60	4868	WS	MOE# 2807364	0.0 BRWN TPSL 0.3 BRWN CLAY SAND HARD 7.0
15		4828256							BR	DO		GREY CLAY BLDR HARD 10.7 GREY CLAY SILT HARD 15.2 GREY SAND LOOS 16.5
2807599	9 May-90	595724	216.7	6.4	Fr	0.9	23	60	4868	WS	MOE# 2807599	0.0 BRWN TPSL FSND 0.3 BRWN CLAY FSND 3.0
15		4827305							BR	IN		BRWN SAND LOOS 3.7 GREY CLAY SILT FSND 4.9
2807626	9 Jul-90	601464	195.1	23.5	-	10.4	9	120	4005	WS	MOE# 2807626	GREY CLAY STNS HARD 8.2 GREY CLAY FSND 11.3
2		4821384							CT	PU		0.0 BRWN CLAY SAND LOOS 7.6 GREY CLAY SAND LOOS 23.2 BRWN GRVL SAND LOOS 23.5
2807671	11 Mar-89	597063	209.1	17.7	Fr	3.4	36	120	3349	WS	MOE# 2807671	0.0 BRWN TPSL 0.3 GREY CLAY STNS 7.3 BRWN
15		4828717							CT	CO		MSND 17.4 GREY GRVL 18.3
2807698	9 Nov-90	598335	200.9	4.9	Fr	3.7	45	60	4868	WS	MOE# 2807698	0.0 BRWN TPSL FSND 0.6 BRWN CLAY HARD 2.1
10		4824826							BR	CO		GREY CLAY STNY HARD 3.4 BRWN SAND 4.9 BRWN SAND SOFT 9.1
2808101	9 Dec-92	598084	201.8			NR			4868	AB	MOE# 2808101	0.0 CLAY 1.2 CLAY CMTD 3.0 STNS 8.8
10		4825093							BR	DO		
2808814	9 Mar-98	598403	200.9			NR			4868	AS	MOE# 2808814	0.0 UNKN 9.1
9		4824634							BR	DO		
2808815	9 Mar-98	598432	199.9	9.8	Fr	2.4	23	120	4868	WS	MOE# 2808815	0.0 BRWN TPSL SOFT 0.6 BRWN CLAY STNS HARD
9		4824632		7.9	Fr				BR	DO		2.4 BRWN SAND 5.2 BRWN GRVL LOOS 5.5 RED
				5.2	Fr							SHLE LMSN HARD 10.7
				5.2	Fr							
2809535	9 Jul-01	596751	205.1			NR			1737	AQ	MOE# 2809535	0.0
13		4826254							-	-		
2809732	2 Apr-03	601431	191.7			NR			6974	AQ	MOE# 2809732	0.0
19		4819740							-	DO		
2809734	2 Apr-03	601439	191.7			NR			6974	AQ	MOE# 2809734	0.0
19		4819739							-	DO		
2809735	9 Apr-03	601818	191.7			NR			6974	AQ	MOE# 2809735	0.0
1		4820662							-	DO		
2810204	2 Mar-05	601519	186.5	11.6	Un	4.3	18	60	3030	WS	MOE# 2810204 TAG#A023150	0.0 BRWN TPSL 0.3 BRWN CLAY 3.7 GREY SILT
11		4818094		7.9	Un				BR	DO		STNS HARD 7.9 GREY SILT SAND LYRD 11.6 RED
				3.7	Un							SHLE 12.2
				3.7	Un							
2810242	9 Apr-05	597737	200.6			NR			4868	AB	MOE# 2810242	0.0
11		4825330							BR	DO		
2810243	9 Apr-05	597885	200.6			NR			4868	AB	MOE# 2810243	0.0
11		4825242							CT	DO		
2810244	9 Apr-05	597875	200.9			NR			4868	AB	MOE# 2810244	0.0
11		4825241							CT	PU		

LABEL CON LOT	DATE mm-yy	EASTING NORTHING	ELEV masl	WTR FND mbgl Qu	ICR TOP LEN mbgl m	SWL mbgl	RATE L/min	TIME min	PL DRILLER METHOD	TYPE STAT	WELL NAME DESCRIPTION OF MATERIALS
2810245	9 Apr-05	597746 4825379	201.2			NR			4868 BR	AB ST	MOE# 2810245 0.0
2810246	9 Apr-05	597760 4825344	201.2			NR			4868 -	AB -	MOE# 2810246 0.0
2810247	9 Apr-05	597885 4825242	200.6			NR			4868 DG	AQ PU	MOE# 2810247 0.0
2810248	2 Apr-05	601497 4818080	187.8			NR			4868 BR	AB DO	MOE# 2810248 0.0
2810249	2 Apr-05	601486 4818075	188.1			NR			4868 BR	AB ST	MOE# 2810249 0.0
2810311	2 Jun-05	601492 4818065	187.8			NR			4868 -	AS DO	MOE# 2810311 0.0
4902064	6 Aug-58	597178 4829524	207.9	15.5 Fr		3.7	45	120	1718 CT	WS CO	MOE# 4902064 0.0 TPSL 0.3 YLLW CLAY 7.6 MSND 13.7 GRVL 15.5
4902691	6 Jan-62	598660 4828354	205.7	13.7 Fr		6.1	5		1307 BR	WS MU	MOE# 4902691 0.0 BRWN CLAY 3.0 RED CLAY 10.7 RED SHLE 13.7
4902692	6 Jan-62	598385 4828247	207.3	11.6 Fr		4.6	5		1307 BR	WS MU	MOE# 4902692 0.0 BRWN CLAY 3.0 RED CLAY 11.6 FSND 12.2
4902694	6 Oct-61	597139 4829139	207.3	9.8 Fr		3.7	45		1307 BR	WS DO	MOE# 4902694 0.0 BRWN TPSL CLAY 3.7 RED CLAY 9.8 CSND GRVL 10.4
4902695	6 Mar-62	598148 4829679	201.2	23.8 Fr		10.7	45	180	4101 CT	WS DO	MOE# 4902695 0.0 BRWN CLAY 10.7 BLUE CLAY STNS 15.2 HPAN 23.8 BLUE GRVL 24.4
4902696	6 Nov-62	598110 4829757	201.2	24.4 Fr		10.4	18	120	1612 CT	WS DO	MOE# 4902696 0.0 PRDR 24.4 MSND GRVL 26.8
4902908	6 Aug-68	597414 4829573	205.1			NR			2801 RC	TH -	MOE# 4902908 0.0 TPSL 0.3 CLAY GRVL 15.2 SHLE 16.5
4902909	6 Aug-68	597089 4829223	207.3			NR			2801 RC	TH -	MOE# 4902909 0.0 TPSL 0.3 CLAY GRVL 5.5 FSND GRVL CLAY 10.4 GRVL CLAY 11.0 FSND SILT GRVL 14.0 RED CLAY SHLE GRVL 16.2 SHLE 16.5
4902910	6 Aug-68	597086 4829183	207.9	11.6 Fr	14.3 -3.4	2.4	205	1440	2801 RC	TH NU	MOE# 4902910 0.0 TPSL 0.3 CLAY 3.7 MSND GRVL CLAY 5.8 MSND GRVL CLAY 11.6 CSND GRVL 15.5 FSND CSND GRVL 18.6 CLAY SHLE 19.2
4903872	6 Jul-72	598034 4829703	201.2	20.4 Fr		6.1		60	1307 BR	WS DO	MOE# 4903872 0.0 BRWN OBDN 3.0 GREY CLAY 19.5 GREY SAND BLDR 20.4
4905270	6 Oct-76	597114 4829203	207.3		12.2 -2.4	6.1	5	150	2801 RC	WS DO	MOE# 4905270 0.0 BRWN CLAY STNY 3.4 GREY CLAY 4.0 RED CLAY GRVL SNDY 10.1 SAND GRVL PCKD 11.0 SAND GRVL LOOS 17.4
4905549	10 Jul-79	596664 4826623	205.1	21.3 Fr		3.0	23	120	1458 CT	WS DO	MOE# 4905549 0.0 TPSL 0.3 BRWN CLAY 21.3 RED SHLE 30.5

LABEL	CON	DATE	EASTING	ELEV	WTR FND	ICR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl	Qu	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
4905604	10	Jul-79	598355	199.0	4.9 Fr		1.8	5	60	12.2	3317	WS	MOE# 4905604 0.0 CLAY 3.4 RED SHLE 13.1
	10		4825003								RC	DO	
4905605	10	Jul-79	598345	199.3	6.4 Fr		2.7	32	60	5.8	3317	WS	MOE# 4905605 0.0 CLAY 3.7 RED SHLE 9.4
	10		4824983								RC	DO	
4909613	10	Aug-04	597259	210.3	4.0 Fr	6.1 -3.0	FLW				7230	TH	MOE# 4909613 TAG#A015020 0.0 BRWN CLAY TILL DNSE 4.0 GREY SAND GRVL 6.1
	13		4827409								-	NU	
4909769		May-05	597259	210.3	3.0 Un		NR				7230	AB	MOE# 4909769 TAG#A015020 0.0
			4827409								BR	NU	
4909848	6	Jun-05	597575	205.7			1.2				7219	AB	MOE# 4909848 TAG#A027037 0.0
	15		4828754								-	NU	
4909849	6	Jun-05	597582	206.0			1.5				7219	AB	MOE# 4909849 TAG#A027055 0.0
	15		4828746								-	NU	
4909957	3	Oct-05	600461	189.3			0.9				7219	AB	MOE# 4909957 TAG#A035974 0.0
	1		4823229								-	NU	
7047756	9	Jan-07	596312	210.6			NR				1660	AB	MOE# 7047756 0.0
	14		4826777								-	-	
7047757	9	Jan-07	596276	211.5			NR				1660	AB	MOE# 7047757 0.0
	14		4826790								-	-	
7050240		Aug-07	600455	188.4	2.1 Fr		NR				6607	OW	MOE# 7050240 TAG#A065564 0.0 BRWN SAND 1.5 GREY 2.7 GREY SAND SILT 3.4 GREY SILT TILL 3.7 BRWN SAND SILT 4.9 GREY DLMT 9.1
			4821895								DM	-	
7051381		Aug-07	596782	216.1	12.8 Fr		NR				6607	OW	MOE# 7051381 TAG#A046428 0.0 BRWN SILT SAND TPSL 0.0 BRWN CLAY SILT LOOS 3.0 GREY CLAY SILT LOOS 5.2 GREY CLAY SILT DNSE 7.0 GREY SILT CLAY DNSE 10.4 BRWN SILT SAND DNSE 13.7 GREY SILT CLAY DNSE 14.6 GREY FSND SILT DNSE 19.8
			4825868								OTH	MO	
7051382		Jul-07	597430	214.3			NR				6607	AB	MOE# 7051382 TAG#A051076 0.0 BRWN SILT SAND TPSL 0.6 BRWN SILT SAND FILL 6.7 GREY SILT SAND TILL 15.5
			4828640								BR	Oth	
7106332		May-08	599320	190.8			NR				6988	TH	MOE# 7106332 TAG#A064008 0.0 BRWN SILT SAND WBRG 0.6 BRWN SILT CLAY LOOS 1.8 BRWN SILT SAND CLAY 4.0 GREY SILT GRVL DNSE 4.6 GREY SAND SILT WBRG 4.9 GREY SILT SAND WBRG 6.1
			4823881								OTH	TH	
7114667	9	Oct-08	602693	184.7			NR				4868	AB	MOE# 7114667 0.0
	9		4820312								CT	DO	
7128425		Jun-07	597285	204.2	3.7 -	9.1 -1.5	NR				7247	OW	MOE# 7128425 TAG#A062626 0.0 BRWN TPSL LOOS 0.3 BRWN CLAY GRVL HARD 2.4 BRWN SAND GRVL DNSE 10.7
			4826726								-	NU	
7131631		Jun-09	597462	203.6		3.4 -1.5	NR				7238	TH	MOE# 7131631 TAG#A083385 0.0 BRWN SILT GRVL SAND 1.2 SILT SAND CLAY 2.7 GREY SILT CLAY 4.3 BRWN SILT SAND 4.6
			4826630								OTH	TH	
7131632		Jun-09	597316	205.7		3.7 -1.5	NR				7238	TH	MOE# 7131632 TAG#A083384 0.0 BRWN SILT SAND GRVL 2.7 GREY SILT CLAY SAND 5.2
			4826847								OTH	TH	

LABEL CON LOT	DATE mm-yy	EASTING NORTHING	ELEV masl	WTR FND mbgl Qu	ICR TOP LEN mbgl m	SWL mbgl	RATE L/min	TIME min	PL DRILLER mbgl METHOD	TYPE STAT	WELL NAME DESCRIPTION OF MATERIALS
7131633	Jun-09	597050 4827096	207.9		3.4 -1.5	NR			7238 OTH	TH	MOE# 7131633 TAG#A083383 0.0 BRWN SILT CLAY 0.9 SAND GRVL 1.5 GREY SILT SAND CLAY 4.6 GREY SILT SAND 4.9
7131634	Jun-09	596884 4827256	210.0		4.3 -1.5	NR			7238 OTH	TH	MOE# 7131634 TAG#A083382 0.0 BRWN SILT CLAY 0.9 SAND GRVL 2.4 RED SILT SAND GRVL 4.0 GREY SILT CLAY 5.8
7144763	Mar-10	598338 4824993	197.8			NR			6032 BR	OW	MOE# 7144763 TAG#A083982 0.0 BRWN SILT SAND SILT 4.6
7149893 3	Apr-10	601509 4821938	192.3			3.0			7219 -	AB NU	MOE# 7149893 TAG#A097064 0.0
7153607	Aug-10	596989 4829200	205.4	2.1 Un	3.0 -3.0	NR			6875 -	AB MO	MOE# 7153607 0.0
7157718	Dec-10	595562 4827257	NR		1.2 -3.0	NR			7241 OTH	OW	MOE# 7157718 TAG#A111559 0.0 BRWN SAND 2.1 GREY SAND SILT TILL 4.3
7157719	Dec-10	595614 4827360	NR		1.2 -2.7	NR			7241 OTH	OW	MOE# 7157719 TAG#A111560 0.0 BRWN SAND 2.1 GREY SAND SILT TILL 4.0
7157720	Dec-10	595648 4827373	NR		1.2 -3.0	NR			7241 OTH	OW	MOE# 7157720 TAG#A108779 0.0 BRWN SAND 2.1 GREY SAND SILT TILL 4.3
7167299 11 15	Mar-11	596922 4828758	NR	53.0 Un	52.1 -3.0	14.9	9	60 32.0	2663 RC	WS DO	MOE# 7167299 TAG#A095555 0.0 BRWN CLAY HARD 31.1 GREY CLAY STNS 50.0 GREY GRVL SAND 54.9
7171566	Sep-11	599775 4823427	NR			NR			3349 -	AB	MOE# 7171566 0.0
7171567	Sep-11	599771 4823425	NR			NR			3349 -	AB	MOE# 7171567 0.0
7176636	Dec-11	597674 4826570	NR		4.0 -1.5	NR			6607 -	TH MO	MOE# 7176636 TAG#A126130 0.0 BRWN SAND GRVL LOOS 1.8 BRWN SILT SAND 5.5
7176637 10 12	Dec-11	597745 4826930	NR		4.0 -1.5	NR			6607 -	TH MO	MOE# 7176637 TAG#A126129 0.0 BRWN SAND GRVL 0.9 BRWN SILT SAND DNSE 3.7 BRWN SAND SLTY LOOS 4.6 BRWN SILT CLAY SOFT 5.5
7178473 9 11	Dec-11	597173 4824438	NR	42.7 Sa		11.6			7268 CT	WS IR	MOE# 7178473 TAG#A093219 0.0 BLCK TPSL 0.3 BRWN CLAY 2.7 GREY CLAY SNDY 10.4 RED CLAY SNDY 16.8 RED SHLE 45.7
7178474 9 11	Dec-11	597182 4824347	NR	28.7 Sa		6.4			7268 CT	WS DO	MOE# 7178474 TAG#A093218 0.0 BLCK TPSL 0.3 BRWN CLAY 3.4 GREY CLAY SNDY 9.1 RED GRVL CLAY SNDY 16.5 RED SHLE 36.6
7180855 6 15	Nov-11	597146 4828940	NR			1.8			3349 -	AB	MOE# 7180855 0.0
7180856 6 15	Nov-11	597159 4828992	NR			0.6			3349 -	AB	MOE# 7180856 0.0
7181552	May-12	597185 4824425	NR		1.5 -3.0	NR			7366 DV	OW MO	MOE# 7181552 TAG#A127611 0.0 BRWN TPSL LOOS 0.3 BRWN SILT CLAY DNSE 4.0 GREY SILT CLAY DNSE 4.6

LABEL CON LOT	DATE	EASTING NORTHING	ELEV masl	WTR FND mbgl Qu	ICR TOP LEN mbgl m	SWL mbgl	RATE L/min	TIME min	PL DRILLER mbgl METHOD	TYPE STAT	WELL NAME
7181553	May-12	597194 4824431	NR	NR	1.5 -1.5	NR			7366 DV	OW MO	MOE# 7181553 TAG#A127621 0.0 BRWN TPSL LOOS 0.0 BRWN SILT CLAY DNSE 0.9
7181554	May-12	597209 4824424	NR	NR	1.5 -1.5	NR			7366 DM	OW MO	MOE# 7181554 TAG#A127602 0.0 BRWN TPSL LOOS 0.3 BRWN SILT CLAY DNSE 3.0
7181555	May-12	597204 4824431	NR	NR	1.5 -1.5	NR			7366 DV	OW MO	MOE# 7181555 TAG#A127603 0.0 BRWN TPSL LOOS 0.3 BRWN SILT CLAY DNSE 3.0
7181556	May-12	597194 4824447	NR	NR	1.5 -3.0	NR			7366 DV	OW MO	MOE# 7181556 TAG#A127604 0.0 BRWN TPSL LOOS 0.0 BRWN SILT CLAY DNSE 1.2
7181557	May-12	597198 4824433	NR	NR	1.5 -1.5	NR			7366 DV	OW MO	MOE# 7181557 TAG#A127605 0.0 BRWN TPSL LOOS 0.0 BRWN SILT CLAY DNSE 0.9
7181558	Apr-12	597195 4824420	NR	NR	1.5 -3.0	NR			7366 DM	OW MO	MOE# 7181558 TAG#A127640 0.0 BRWN TPSL LOOS 0.3 BRWN SILT CLAY DNSE 4.6
7190551	Jul-12	596877 4826679	NR	NR	1.5	1.5			7219 -	AB NU	MOE# 7190551 TAG#A127177 0.0
7190552	Jul-12	596744 4826545	NR	NR	1.5 -3.0	NR			7219 -	AB -	MOE# 7190552 TAG#A127180 0.0
7190553	Jul-12	596883 4826660	NR	NR	0.6	0.6			7219 -	AB NU	MOE# 7190553 TAG#A127178 0.0
7190858	Aug-12	599378 4822548	NR	66.1 -		27.1	5	60	3903 RC	WS DO	MOE# 7190858 TAG#A136812 0.0 BRWN SAND STNS LYRD 11.0 GREY CLAY STNS PKD 57.9 GREY SHLE SAND LOOS 65.8 RED SHLE SOFT LYRD 120.1
7193346	Oct-12	597414 4826889	NR	NR		NR			5459 RC	OTH Oth	MOE# 7193346 TAG#A124674 0.0 BRWN CLAY STNS SILT 6.1 BRWN MSND FSND LOOS 11.6 BRWN CLAY STNS SILT 17.4 GREY LMSN SILT STNS 18.3 GREY LMSN HARD 19.8
7198899	Mar-13	598835 4828454	NR	NR	5.2 -4.6	NR			7241 RC	OW MO	MOE# 7198899 TAG#A119399 0.0
7203317	Jul-12	597393 4827724	NR	NR		NR			7201 -	AB -	MOE# 7203317 0.0
7203960	May-13	600182 4823893	NR	NR	3.4 -1.5	NR			6607 JT	AB -	MOE# 7203960 0.0
7204125	May-13	598096 4825876	NR	NR	2.4 -1.5	NR			6607 JT	AB -	MOE# 7204125 0.0
7204126	May-13	597657 4826348	NR	NR	3.7 -1.5	NR			6607 JT	AB -	MOE# 7204126 TAG#A126130 0.0
7206523	Jul-13	603350 4820360	NR	NR	2.1 -1.5	NR			7241 DP	- -	MOE# 7206523 TAG#A150670 0.0 BRWN FILL LOOS 0.9 BRWN SILT SAND LOOS 3.4 BRWN SAND SILT DNSE 3.7
7210997	Sep-13	598301 4827873	NR	NR	1.5 -0.9	NR			7472 BR	OW MO	MOE# 7210997 TAG#A153525 0.0 GREY GRVL 0.3 GREY SILT CLAY 1.2 GREY CLAY SILT 2.1

LABEL CON LOT	DATE	EASTING NORTHING	ELEV masl	WTR FND m	ICR TOP LEN m	SWL m	RATE L/min	TIME min	PL DRILLER	TYPE	WELL NAME
LOT	mm-yr			Qu	mbgl	mbgl			mbgl	STAT	DESCRIPTION OF MATERIALS
7210998	Sep-13	598261 4827843	NR	NR	4.6 -3.0	NR	NR		7472	OW	MOE# 7210998 TAG#A153524 0.0 GREY GRVL 0.6 GREY SILT CLAY 3.7 GREY CLAY SILT 7.6
7211081	Oct-13	597392 4828296	NR	NR	13.7 -1.5	NR	NR		7501	-	MOE# 7211081 TAG#A149145 0.0 BRWN SILT SAND GRVL 1.5 BRWN SILT SAND GRVL 13.7 GREY SAND SILT DNSE 15.2
7218331	May-13	598315 4824995	NR	NR		NR	NR		7268	AB	MOE# 7218331 0.0
7218332	May-13	598301 4825039	NR	NR		NR	NR		7268	AS	MOE# 7218332 0.0
7218333	May-13	598322 4824998	NR	NR		NR	NR		7268	AB	MOE# 7218333 0.0
7218832	Mar-14	597661 4828605	NR	9.1 Un	5.2 -3.0	NR	NR		6607	OW	MOE# 7218832 TAG#A157282 0.0 BRWN SILT CLAY DNSE 4.3 GREY CLAY GRVL 10.4 GREY SAND CLAY HARD 15.2
7225723	Jun-14	597496 4827274	NR	1.5 Un	1.5 -0.9	NR	NR		6607	TH	MOE# 7225723 TAG#A157285 0.0 BRWN CLAY TILL SLTY 1.2 BRWN SILT SNDY 1.5 BRWN SAND WBRG 2.4
7230463	Jun-14	598261 4827843	NR	1.5 Un		NR	NR		7472	AB	MOE# 7230463 0.0
7230464	Jun-14	598301 4827873	NR	7.6 Un		NR	NR		7472	AB	MOE# 7230464 0.0
7232281	Apr-14	597513 4828468	NR	10.4 Un	10.7 -1.5	NR	NR		7501	TH	MOE# 7232281 TAG#A149196 0.0
7234101	Apr-14	599768 4823615	NR	2.1 Un	3.4 -1.5	NR	NR		6988	TH	MOE# 7234101 TAG#A138559 0.0

QUALITY: Fr Fresh, Mn Mineral, Sa Salty, Su Sulphur, -- Unrecorded

TYPE: WS Water Supply, AQ Abandoned Quality, AS Abandoned Supply, AB Abandonment Record, TH Test Hole or Observation

USE: CO Commercial, DO Domestic, MU Municipal, PU Public, ST Stock

NU Not Used, IR Irrigation, AL Alteration, MO Monitoring, - Not Recorded

METHOD: CT Cable Tool, JT Jetting, RC Rotary Conventional, RA Rotary Air, BR Boring

Eastings and Northings UTM NAD 83 Zone 17, Translated from Recorded UTM NAD, subject to Field Verified Location or Improved Location Accuracy.
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LABEL	CON	DATE	EASTING	ELEV	WTR FND	SCR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl Qu	mbgl m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
4902344	1	May-62	603963	205.1	34.7 Fr		8.8	5	90	34.7	1612	WS	MOE# 4902344
	11		4833813								CT	DO	0.0 BRWN CLAY 12.2 CSND 32.6 BLUE SHLE 34.7
4902345	1	Jul-65	604033	202.1	19.8 Fr		6.1	9			1307	WS	MOE# 4902345
	11		4833756								BR	CO	0.0 BRWN TPSL 1.5 RED CLAY 7.6 GREY CLAY 16.8 FSND 17.1 GREY CLAY 19.5 GREY CSND 19.8
4902511	1	May-53	603422	205.7	38.4 Fr		9.4	14	300	38.1	2904	WS	MOE# 4902511
	12		4834189								CT	DO	0.0 BLUE CLAY 18.3 QSND 21.6 BRWN FSND 22.3 CSND GRVL 24.7 GREY CLAY BLDL 29.3 BRWN SHLE 30.2 BLUE SHLE 38.4
4902512	1	Aug-56	603543	205.1	23.2 Fr		5.2	5	30	18.3	1612	WS	MOE# 4902512
	12		4834099								CT	DO	0.0 TPSL 0.3 BLUE CLAY 18.3 BRWN MSND 22.6 GRVL 23.2
4902513	1	Jul-58	603694	204.8	23.2 Fr		2.4	14	180	12.8	1612	WS	MOE# 4902513
	12		4833979								CT	DO	0.0 TPSL 0.6 MSND STNS 22.6 GRVL 23.2
4902514	1	May-64	603638	204.8	20.1 Fr		9.1	27			1307	WS	MOE# 4902514
	12		4834034								BR	DO	0.0 BRWN TPSL CLAY 3.7 GREY CLAY 19.5 CSND 20.1
4902515	1	Mar-65	602712	198.1	16.8 Fr		7.6	23			3903	WS	MOE# 4902515
	13		4833862								BR	DO	0.0 BRWN CLAY 4.6 BLUE CLAY STNS 16.8 MSND GRVL 17.1
4902516	1	Feb-65	602834	201.8			6.7				3414	AS	MOE# 4902516
	13		4834003								CT	NU	0.0 CLAY 1.2 YLLW MSND 3.7 CLAY GRVL 15.8 RED SHLE 16.5
4902517	1	Feb-65	602811	201.2			6.7				3414	AS	MOE# 4902517
	13		4833980								CT	NU	0.0 CLAY 1.2 YLLW MSND 3.7 CLAY GRVL 15.2 MSND 16.5 RED SHLE 19.5 BLUE SHLE 25.6
4902518	1	Dec-65	603013	198.1	15.2 Fr		12.2	23			3903	WS	MOE# 4902518
	13		4833805								BR	DO	0.0 BRWN CLAY 3.0 BLUE CLAY STNS 12.2 BLUE CLAY SHLE 15.2 RED CLAY MSND 16.8
4902565	2	May-61	602335	204.2	13.7 Fr		9.1	5			1307	WS	MOE# 4902565
	13		4833441								BR	DO	0.0 BRWN TPSL CLAY 3.7 GREY CLAY MSND 13.1 MSND 13.7
4902566	2	Apr-62	602550	202.7	16.5 Fr		3.0	27			1307	WS	MOE# 4902566
	13		4833199								BR	DO	0.0 BRWN TPSL CLAY 6.1 GREY CLAY 15.8 BRWN CSND 16.5
4902567	2	Dec-65	601385	185.9	11.0 Fr		7.9	5	30	12.2	1308	WS	MOE# 4902567
	13		4832521								BR	DO	0.0 TPSL 0.6 BRWN CLAY 5.5 GRVL 6.1 BLUE CLAY 13.7
4902568	2	Sep-63	601188	192.0	20.1 Fr		NR				1308	AS	MOE# 4902568
	14		4832791								BR	NU	0.0 BRWN CLAY BLDL 9.1 BRWN CLAY GRVL BLDL 11.0 BRWN GRVL 11.9 BRWN CLAY MSND 12.8 BLUE CLAY MSND 22.9

LABEL	CON	DATE	EASTING	ELEV	WTR FND	SCR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mm-yr	NORTHING	masl	mbgl Qu	mbgl m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
4902617	3	Oct-50	601864	167.0	24.4 Fr		NR			4620	TH	MOE# 4902617	0.0 TPSL SILT CLAY 1.5 SILT CLAY 3.0 CLAY
	12		4831947							CT	NU		7.0 GRVL MSND CLAY 9.1 CLAY 18.3 CLAY GRVL 38.1
4902618	3	Nov-50	601749	167.6	17.7 Fr		FLW			4620	TH	MOE# 4902618	0.0 TPSL MSND 0.9 GRVL MSND 2.4 BLUE CLAY
	12		4831868							CT	NU		17.7 GRVL CSND 23.5 CLAY MSND STNS 24.4 CLAY 27.4
4902620	3	May-61	601463	183.8	8.5 Fr		4.6	18		1307	WS	MOE# 4902620	0.0 BRWN TPSL CLAY 3.7 GREY CLAY 7.9 GRVL
	13		4832368							BR	DO		8.5
4904908	1	Sep-75	604015	204.8	19.5 Fr		7.9	45	60	3349	WS	MOE# 4904908	0.0 BRWN CLAY STNS SOFT 5.5 GREY CLAY SAND
	11		4833783							CT	CO		12.8 GREY SAND 18.3 BLCK GRVL CSND 19.5
4905147	2	May-77	601275	186.5	18.3 Fr	31.7 -0.9	3.4	32	240	2341	WS	MOE# 4905147	0.0 TPSL 0.3 BRWN CLAY GRVL 5.5 BRWN CLAY
	14		4832643							CT	DO		18.3 BLUE SHLE 18.9 SILT 30.2 BRWN SAND 35.4
4905540	1	Jun-78	603075	198.7	21.9 Fr		5.5	45	60	3349	WS	MOE# 4905540	0.0 BRWN CLAY STNS 5.5 BRWN SAND 14.0 RED
	12		4832823							CT	DO		SHLE 23.5
4905927	1	Jul-81	603017	200.9	18.9 Fr		5.5	32	120	3344	WS	MOE# 4905927	0.0 BRWN CLAY STNS 5.5 BRWN SAND CLAY 14.6
	12		4832958							CT	PU		RED SHLE 19.8
4906788	1	May-87	603716	205.7	18.6 Fr	17.4 -1.8	4.9	14		1663	WS	MOE# 4906788	0.0 BRWN CLAY GRVL 3.4 BLUE CLAY GRVL 13.1
	12		4834249							RC	IR		BLUE CLAY FCRD SHLE 18.6 GREY GRVL SAND 22.9
													BLUE CLAY 28.0 GREY SHLE HARD 29.0
4906811	1	Sep-87	603995	204.5	31.7 Fr		9.8	32	60	3349	WS	MOE# 4906811	0.0 GREY SHLE 0.6 GREY CLAY SAND 29.3 GREY
	11		4833744							CT	DO		SAND GRVL 31.1 GREY GRVL 31.7
4907487	3	Jun-90	601260	185.9	78.3 Fr	74.1 -1.2	8.5	45	5999	27.4	WS	MOE# 4907487	0.0 BLCK TPSL 0.6 BRWN CLAY 4.9 BLUE CLAY
	14		4832542							CT	DO		7.9 BLUE MSND STNS CLAY 40.8 GREY SILT 75.6
													GREY GRVL 79.6
4908915	2	Jan-02	602623	201.8	33.2 -		7.9	5	90	2576	WS	MOE# 4908915	0.0 TPSL 0.3 BRWN SAND SLTY CLAY 2.4 GREY
	12		4833147							RA	DO		CLAY GRVL 8.2 BRWN CLAY SILT 9.8 BRWN GRVL
													CLAY SILT 12.2 GREY CLAY GRVL 14.9 GREY GRVL
													SILT WBRG 20.7 GREY SHLE 22.3 RED SHLE 26.8
													BLUE SHLE 48.2
4909010	2	Apr-02	602611	201.8			NR			3136	AB	MOE# 4909010	
			4833153							-	-		0.0

LABEL	CON	DATE	EASTING	ELEV	WTR FND	SCR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT	mm-yr	mm-yr	NORTHING	masl	mbgl Qu	mbgl m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS
4909825	1	Jun-05	603586	199.0	3.0 Un	9.4 -3.0	NR				6607	OW	MOE# 4909825 TAG#A027643
	12		4833617								-	NU	0.0 SILT TPSL 6.4 SILT CLAY 2.4 SILT CLAY 9.4
4909979		Nov-05	603767	203.9		26.8 -2.4	NR				7075	-	MOE# 4909979 TAG#A033359
			4833899								RC	-	0.0 TPSL 0.3 BRWN CLAY 5.2 GREY CLAY SILT 8.8 GREY CLAY TILL 12.2 GREY SHLE 12.5 GREY CLAY TILL 19.2 BLCK GRVL SAND 26.8 GREY LIMSN 27.4
7039222		Jan-07	601354	185.6			1.2				7219	AB	MOE# 7039222 TAG#A053233
			4832530								-	NU	0.0
7040992	1	Feb-07	603004	200.6			3.7				7219	AB	MOE# 7040992 TAG#A053236
	12		4832935								-	NU	0.0
7116166		Nov-08	603925	204.8			NR				4102	AB	MOE# 7116166
			4834007								-	-	0.0
7130151		Sep-09	604202	202.7		1.5 -4.6	NR				7241	TH	MOE# 7130151 TAG#A081731
			4833617								DP	TH	0.0 BRWN SAND 1.8 RED SAND SILT 3.7 BRWN SAND SILT 4.6 GREY CLAY SILT 6.1
7130152		Sep-09	604196	202.7		1.5 -4.6	NR				7241	TH	MOE# 7130152 TAG#A085389
			4833602								DP	TH	0.0 BRWN SAND 1.8 RED SAND SILT 3.7 BRWN SAND SILT 4.6 GREY CLAY SILT 6.1
7140705		Feb-10	603930	202.4		0.9 -1.5	NR				7241	OW	MOE# 7140705 TAG#A096757
			4833612								RC	TH	0.0 BRWN TPSL LOOS 0.3 BRWN TILL GRVL DNSE 1.5 GREY CLAY SILT DNSE 2.4
7140706		Feb-10	603935	203.6		0.6 -1.8	NR				7241	OW	MOE# 7140706 TAG#A096756
			4833728								RC	TH	0.0 BRWN TPSL LOOS 0.3 BRWN TILL GRVL DNSE 1.5 GREY CLAY SILT DNSE 2.4
7144141		Apr-10	603938	203.9			NR				7241	TH	MOE# 7144141 TAG#A096756
			4833762								DP	TH	0.0
7145237		Apr-10	603938	203.9			NR				7241	TH	MOE# 7145237
			4833762								DP	TH	0.0
7148799	3	Apr-10	601310	184.4			NR				2662	AB	MOE# 7148799 TAG#A041183
	13		4832483								-	-	0.0
7210363		Aug-13	601942	203.9		9.1 -1.5	NR				7501	AB	MOE# 7210363 TAG#A149156
			4832648								RC	MO	0.0 BRWN SAND DNSE 3.0 BRWN SAND GRVL DNSE 4.6 BRWN SAND 10.7
7214694		Nov-13	603486	202.7		4.6 -3.0	NR				7383	OW	MOE# 7214694 TAG#A151279
			4833822								BR	MO	0.0
7218833		Mar-14	602566	203.0	2.1 Un	1.8 -0.9	NR				6607	TH	MOE# 7218833 TAG#A146749
			4833177								BR	MO	0.0 BRWN CLAY SILT LOOS 0.6 BRWN CLAY SILT LOOS 0.9 GREY CLAY SILT 1.8 GREY CLAY SAND DNSE 3.0 GREY CLAY SILT HARD 3.0 GREY SAND SILT HARD 4.6

LABEL	CON	DATE	EASTING	ELEV	WTR FND	SCR TOP LEN	SWL	RATE	TIME	PL	DRILLER	TYPE	WELL NAME
LOT		mmm-yr	NORTHING	masl	mbgl Qu	mbgl m	mbgl	L/min	min	mbgl	METHOD	STAT	DESCRIPTION OF MATERIALS

QUALITY:	TYPE:	USE:	METHOD :
Fr Fresh	WS Water Supply	NU Not Used	CT Cable Tool
Mn Mineral	AQ Abandoned Quality	IR Irrigation	JT Jetting
Sa Salty	AS Abandoned Supply	AL Alteration	RC Rotary Conventional
Su Sulphur	AB Abandonment Record	MO Monitoring	RA Rotary Air
-- Unrecorded	TH Test Hole or Observation	- Not Recorded	BR Boring

Eastings and Northings UTM NAD 83 Zone 17, Translated from Recorded UTM NAD, subject to Field Verified Location or Improved Location Accuracy.
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