#### Appendix 2 Borehole logs



ı	Project I	No.	P0013610.201									D	RAWIN	G No.	B	H1	_
ı	Project:		Geotechnical and Environmen	ntal Inve	est	igatio	n - Y	onge	Stree	et		_	She	et No.	_1_	of _1	_
ı	Location	ո:	Yonge Street, About 52 m No	rth of R	ich	nmon	d Str	eet Ea	ast, N	orthbo	ound (	Curb	Lane,	1.3 m	ı We	st of	<u>Eas</u> t
			Curb		_	Split Spo	oon Sam	ole	×	]							
I	Date Dri	illed:	1/10/2020		_	Auger S SPT (N)				]	Natural M		Content	<u></u>	<b>×</b>		
ı	Drill Typ	e:	Hang Auger		_	Dynamic	Cone Te	est	_		Undraine	ed Triaxia at Failur			0 15 <del> </del> 5		
I	Datum:		Assumed		_		trength b	y	-0		Shear St	rength by	y		10		
_	I				_	Vane Te		enetration	Test NI Va	ماراه	Terretror	neter res			SI		
,	G M BO L		SOIL DESCRIPTION	ELEV. m	DEPTH	Shear	40 Strength	80 1	20 1	160 kPa	_ Nat Atterb	ural Moisi erg Limit	ture Conte s (% Dry V	nt % /eight)	SAMPLES	Natural Unit Weight kN/m	Percent of Fines, %
		ASPI	HALT CONCRETE (110 mm)		0			100	JU 2				Ĭ				
		(225		_0.1													
			Crushed Granular: brown, moist  Sand: gravelly sand, some silt, trace	0.5							4.5 X				AS1		
		clay,	brown, moist								1 1 1 1						
11/27/20		Gr: 2	9.4%, Sa: 54.5%, Si: 12.6%, Cl: 3.5%  Terminated at 0.9 m	0.9							7.4 ×				AS2		
CLASSIFICATION LOG P0013610.201_BOREHOLE LOGS - RV1.GPJ LOG A GWGL02.GDT 11/27/20		on O crew	Terminated at 0.9 m hole advanced using hand augering ctober 1, 2020 by Englobe drilling rater was encountered upon oletion.														I corned Rv. S. Ganash

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

F	Project	No.	P0013610.201								_		_ [	ORA	WIN	G No.		ВН	2	_
F	Project:		ntal Inve	est	igatio	on -	Yc	nge S	Stree	t		_		She	et No.	_1	<u>1</u> o	f <u>1</u>	_	
I	_ocatio	n:	Yonge Street, About 27 m No	rth of Q	ue	en S	tree	et E	East, N	North	boun	d Cur	b La	ne	, 0.9	m W	/es	st of	Eas	st
			Curb		_	Split Spo	oon Sa	ample	Э	$\boxtimes$										
[	Date Dr	illed:	1/10/2020			Auger S SPT (N)						Natural Atterbe			ntent			<b>X</b> ⊕		
[	Orill Typ	oe:	Hang Auger			Dynamic	c Cone		t .		•	Undrain	ed Triax	xial at		1	15	 5⊕5		
[	Datum:		Assumed		_	Shelby 1 Shear S	trengtl	h by		_		% Strain	Strength	by				10		
						Vane Te		. D	-44: T-	<b>♣</b> S		Penetro	meter i	est			Iel			
(	S Y M B O		SOIL DESCRIPTION	ELEV.	DEPTH		40	8 gth		0 1	60 kPa	Na Atter	tural Mo berg Lin	nits (%	Dry V	Veight)	SAMPLES	ගო≘⊶⊕ Zc	Natural Unit Weight kN/m	Percent of Fines, %
	L	ASP	HALT CONCRETE (130 mm)	-	0		50	10	00 15	0 2	200		20	40	6	80	S			
			TLAND CEMENT CONCRETE mm)	0.1													-			
		FILL,	, Crushed Granular: brown, moist	0.3								8.8 X						AS1		
		FILL	, Gravelly Sand: brown, moist	0.7																
11/27/20			Tarminated at 0.0 m	0.9														AS2		
LOG A GWGL02.GDT 11/27/20		on O crew	Terminated at 0.9 m  shole advanced using hand augering lectober 1, 2020 by Englobe drilling states was encountered upon																	bed By: S Ganech
			pletion.																	Shart
CLASSIFICATION LOG P0013810.201_BOREHOLE LOGS - RV1.GPJ																				ril O 'O Bonnol

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

Р	roject N	lo.	P0013610.201									_			_ [	)RA\	NIN	G No.		BH	3	_
Р	roject:		Geotechnical and Environmen	ital Inve	est	iga	atio	n - Y	'or	ige :	Stre	et			_	;	Shee	et No.	_1	_ of	_1	_
L	ocation:		Yonge Street, About 60 m No	rth of Q	ue	en	St	reet	Ea	ast, :	Sout	hbou	unc	d Cur	b La	ne,	3.0	3 m E	ast	of \	Wes	st
			Curb		_	Split	t Spo	on Sam	ple		٥	₃										
D	ate Drill	led:	5/10/2020		_	_		ample Value						Natural N Atterberg			ent	<b>L</b>		X ⊝		
D	rill Type	e:	Hang Auger		_	Dyn	amic	Cone T	est		`	_		Undraine % Strain	ed Triax	ial at			15			
D	atum:		Assumed		_	She		rength b	у				;	Shear St Penetror	rength	by				10		
						Van	e Tes	ndard P	eneti	ration T	est N V	_		- eneuoi	neter i				Isl	. 1		
G W L	SYMBOL		SOIL DESCRIPTION	ELEV. m	DEPTH	Sh	4 near S	10 Strength	80	1:		160 kF 200	Pa	Nat Atterb	ural Moi erg Lim	sture ( its (%	Conter Dry W	eight)	AMPLES	Sαξο−e Zo	latural l Unit Veight kN/m	Percent of Fines, %
		ASPI	HALT CONCRETE (95 mm)		0																	
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(185	*	_0.1															-			
		FILL,	Crushed Granular: brown, moist	0.6										13 <b>X</b>	.8					AS1		
11/27/20		clay,	Sand: some silt, some gravel, trace brown, moist 8.0%, Sa: 59.0%, Si: 16.9%, Cl: 6.1%	0.9										12. X	2					AS2		
CLASSIFICATION LOG P0013610.201_BOREHOLE LOGS - RV1.GPJ LOG A GWGL02.GDT 11/27/20		on Oo crew. No w	Terminated at 0.9 m hole advanced using hand augering ctober 5, 2020 by Englobe drilling atter was encountered upon oletion.																			I named Ru: D. lin Checked Ru: S. Ganesh

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

Project No.	P0013610.201								DF	RAWIN	G No.	E	3H4	
Project:	Geotechnical and Environme	ntal Inve	stigatio	n - Yor	nge S	treet				She	et No.	_1	of _	1_
Location:	Yonge Street, About 32 m Sc	outh of S	huter St	reet, S	South	boun	d Cu	rb Lane	e, 3 ı	m Ea	st of '	Wes	t Cur	b
Date Drilled: 11/3/2020  Drill Type: Hang Auger  Datum: Assumed			Auger Sa - SPT (N) \	/alue Cone Test ibe ength by	-	■ • •		Natural Mo Atterberg L Undrained % Strain at Shear Stre Penetrome	imits Triaxial Failure ngth by	at	F	0 15 <del>1</del> 10	) <del>)</del> 5	
G W B O	SOIL DESCRIPTION	ELEV.	D E P 4		ration Te			Natura Atterber	al Moistu g Limits	ıre Conte	nt % /eight)	SAMPLES	Natura Unit Weigh	Percer of Fines,
ASPI	HALT CONCRETE (120 mm) TLAND CEMENT CONCRETE	0.1	0 5	0 100	150	200	0	20	4	0 6	0	S	3	
(165		0.3												
	<b>,</b>							**************************************				- AS	61	
												-		
								7.1 X				- AS	52	
		1.1	1											
Band	Terminated at 1.1 m													
on M crew.														
	ater was encountered upon eletion.													
										::::				$\perp$

to e
•

F	Project I	No.	P0013610.201										D	RAWIN	IG No.		ВН	5	_
F	Project:		Geotechnical and Environme	ntal Inve	est	igati	on	ı - Yo	nge	Stree	et		_	She	et No.	_1	of	<u> 1</u>	_
L	ocation	1:	Yonge Street, About 30 m No	orth of S	hu	ter S	Str	eet, S	South	nbou	nd Cu	rb Lan	ne, 1.	5 m E	ast of	f W	est/	Cui	rb
[	Date Drilled: 1/10/2020  Drill Type: Hang Auger  Datum: Assumed			- - -	Auger SPT (N Dynam Shelby	Sam I) Va nic C Tub Stre	alue Cone Tes				Natural M Atterberg Undraine % Strain Shear St Penetron	Limits ed Triaxia at Failur rength b	al at e y	F	15	<b>X</b>			
O V	S Y M B O		SOIL DESCRIPTION	ELEV.	D E P T H		40	8 rength		20	160 kPa	Natu Atterb	ural Mois erg Limit	ture Conte s (% Dry V	ent % Veight)	SAMPLES	ე∞ <u>Ε</u> Ω υ Ζο	Natural Unit Weight kN/m	Percent of Fines, %
		ASPI	HALT CONCRETE (115 mm)	_	0		50	1(	00 1	50	200	2	0	40	50	S			
	A A A A A A A A A A A A A A A A A A A	POR (195	TLAND CEMENT CONCRETE mm)	0.1															
		FILL,	Crushed Granular: brown, moist									6.2 X					AS1		
11/27/20		FILL, mois		0.7								8.8 X	- 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2				AS2		
CLASSIFICATION LOG P0013610.201_BOREHOLE LOGS - RV1.GPJ LOG A GWGL02.GDT 11/27/20		on Ocrew.	Terminated at 0.9 m hole advanced using hand augering ctober 1, 2020 by Englobe drilling . rater was encountered upon oletion.																I named By D. lin

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

Project No.	P0013610.201		•				•	~· =		_ 	RAWII	NG No.		BH	16
Project:	Geotechnical and Environme	ntal Inve	est	igatio	n - Yo	onge	Stre	eet		_	She	eet No.	_	<u>1</u> o	of <u>1</u>
Location:	Yonge Street, About 56 m No	orth of S	hu	ter St	reet,	North	bou	ınd Cuı	b Lan	e, 3.	0 m V	Vest o	of E	East	Curb
Date Drilled Drill Type: Datum:	d: 5/10/2020 Hang Auger Assumed		_	Auger Sa SPT (N) Dynamic Shelby T	Value Cone Tes			<ul><li>□</li><li>□</li><li>□</li><li>□</li></ul>	Natural M Atterberg Undraine % Strain Shear St	g Limits ed Triaxi at Failu	al at re	ŀ	1	<b>X</b> -○  5 ⊕5  10	
Batain.	7 localitou			Vane Tes			4	s	Penetron					•	
SY MBOL	SOIL DESCRIPTION	ELEV.	DEPTH	Shear S	Strength	0 1	Test N 20 50	Value  160  kPa 200	Natu Atterb		sture Cont ts (% Dry 40	ent % Weight) 60	SAMPLES	oπEo⊷e Zo	Natural Dercent of Weight kN/m3 %
A	SPHALT CONCRETE (95 mm)		0				1 : :	200			1	1::::	3		
(2	ORTLAND CEMENT CONCRETE (35 mm)  LL, Crushed Granular: brown, moist	0.1													
1/27/20		0.9							4.7 X					AS1	
or cr	Terminated at 0.9 m  prehole advanced using hand augering an October 5, 2020 by Englobe drilling ew.  premark was encountered upon empletion.														
CLASSIFICATION LOG PO013610,201_BOREHOLE LOGS - RV1.GPJ															

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

# LOG OF BOREHOLE No. <u>BH7</u>

Pro	ject No.	P0013610.201												DR	AWIN	G No.	_	BH	7	
Pro	ject:	Geotechnical and Environmen	ital Inve	est	igati	on	- Y	onge	St	ree	t		_		She	et No.	_	<u>1</u> o	f <u>1</u>	_
Loc	ation:	Yonge Street, About 90 m Sou	uth of D	ur	ndas	S	quai	e, N	orth	hbo	und (	Curb I	Lane	э, 1	.8 m	ı Wes	st c	of Ea	ast	
		Curb			Split Sp	ooor	n Samp	le												
Dat	e Drilled:	5/10/2020		-	Auger S	Sam	ple	-				Natural			ontent	_		X		
Dril	l Type:	Hang Auger		_	SPT (N Dynam	,		st	_	_		Atterbei Undrain	-		at	F		$\Theta \circ \Theta$		
	tum:	Assumed		-	Shelby Shear S							% Strain					15	5⊕5 10		
Dai	um.	resumed		-	Vane T		rigur by			<b>♣</b> S		Penetro						•		
G W L	S Y M B O L	SOIL DESCRIPTION	ELEV.	DEPTH	Shea	40		netration 30	n Test 120		ue 60 kPa	_ Na Atter	tural M berg Li	oistur mits (	e Conte % Dry W	nt % /eight)	SAMPLES	OπEα—e Zα	Natural Unit Weight kN/m	Percent of Fines, %
	I	PHALT CONCRETE (125 mm)	_	0		50	1	00	150	20	00		20	40	6	50	Š	0		
<i>y</i>		RTLAND CEMENT CONCRETE 15 mm)	_0.1																	
	FIL	L, Crushed Granular: brown, moist	_0.3									9.1 X						AS1		
27/20	FIL	L, Gravelly Sand: brown, moist	0.7									11. X	1					AS2		
11 11	$\sim$	Terminated at 0.9 m	0.5			$\exists$														
IG A GWGL02.GD	on No	rehole advanced using hand augering October 5, 2020 Englobe drilling crew. water was encountered upon npletion.																		
OREHOLE LOGS - RV1.GPJ LC																				
CLASSIFICATION LOG P0013810.201_BOREHOLE LOGS - RV1.GPJ LOG A GWGL02.GDT 11/27/20																				

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

on Mar crew.	ole advanced using hand augering och 10, 2020 by Englobe drilling er was encountered upon etion.								
	Terminated at 1.2 m	1.2				10.2 X		AS	2
<b>—</b>			1			10.2			
						10.2 X		AS	1
FILL, C	Gravelly Sand: brown, moist	0.3							
PORTL (210 m	AND CEMENT CONCRETE m)	0.1							
	ALT CONCRETE (105 mm)	m	Shear Strength  50 100	150	kPa 200	20	40 60	ES N	KN/m
S Y M B O L	SOIL DESCRIPTION	ELEV.	Standard Pene E P 40 80 T Shear Strength	tration Test N 1	160	Natural Moi	isture Content % nits (% Dry Weight)	SAMP-LES	Natural Per Unit Weight kN/m
um: <u>/</u>	Assumed		Shelby Tube Shear Strength by Vane Test	•	s	% Strain at Failu Shear Strength Penetrometer To	by	10	
_	Hang Auger		- SPT (N) Value  Dynamic Cone Test		•	Atterberg Limits Undrained Triax	ial at	0 15 <b>(</b>	
_	Curb 10/3/2020		_ Split Spoon Sample Auger Sample			Natural Moisture	e Content	×	
ation: <u>\</u>	Yonge Street, About 11 m S	outh of D	undas Square	, Northb	ound C	Curb Lane	, 1.2 m We	st of l	<u>East</u>

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

P	roject	No.	P0013610.201								_		D	RAWIN	IG No.		BH	9	_
Р	roject:		Geotechnical and Environmen	tal Inve	est	igati	on	1 - Y	onge :	Stree	t		_	She	et No.	_1	_ of	_1	_
L	ocatio	n:	Yonge Street, About 24 m Sou	uth of D	)ur	ndas	S	treet	Wes	t, So	uthbo	und C	urb L	₋ane,	1.2 m	Ea	st o	f W	<u>est</u>
			Curb		_	Split Sp	oor	n Sampl	e	$\boxtimes$									
С	ate Dr	rilled:	9/3/2020			Auger S						Natural N Atterberg		Content	<u> </u>		<b>X</b> E		
С	rill Typ	pe:	Hang Auger			Dynam	ic C	one Te	st			Undraine	d Triaxia				 0 ⊕5		
С	atum:		Assumed		_		Stre	ngth by		- 0		% Strain Shear St	rength b	у			10		
	1 - 1			1	_	Vane T			netration T	est NI Va	lua	Penetror	neter re	51		ISI			
G W L			SOIL DESCRIPTION	ELEV.	DEPTH	Shear	40			20 1	60 kPa	Natu Atterb		ture Conte s (% Dry V		AMPLES	Sago-e No	latural F Unit Veight (N/m	Percent of Fines, %
	L	ASPI	HALT CONCRETE (90 mm)		0	:::	50	<u> </u>	00 1	50 2	200	2	0	40	60	S			
	P 4 1	POR	TLAND CEMENT CONCRETE	0.1															
	2 d d	(215																	
	444										10000		1111111	10100	0.010				
		FILL	, Sand: some gravel, brown, moist	0.3							<b>.</b>			1					
		, ,,,,	, ound, some graver, brown, moist																
												10.2 X					AS1		
		_	-	1		1 1 1	:	<u>: : : :</u>					::::						
											1	1000	-1	1	1::::::				
												1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
127/20												X 11.4				1	AS2		
DT 11																			ş
LOG A GWGL02.GDT 11/27/20			Terminated at 1.0 m	1.0	1		1	<u> </u>				1 1 1 1 1		1::::			+		
GWG		Bore	hole advanced using hand augering																V.
-06 A		on M	arch 9, 2020 by Englobe drilling crew.																Dayon
		No w	rater was encountered upon oletion.																5
-RV1		COM	3000																
-068																			
OLE																			
ORE																			
201_B																			i
13610.																			odged Bv: P. Jin
P00.																			9000
NLOG																			
SATIO																			
CLASSIFICATION LOG P0013810.201_BOREHOLE LOGS - RV1.GPJ																			
CLA																			

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

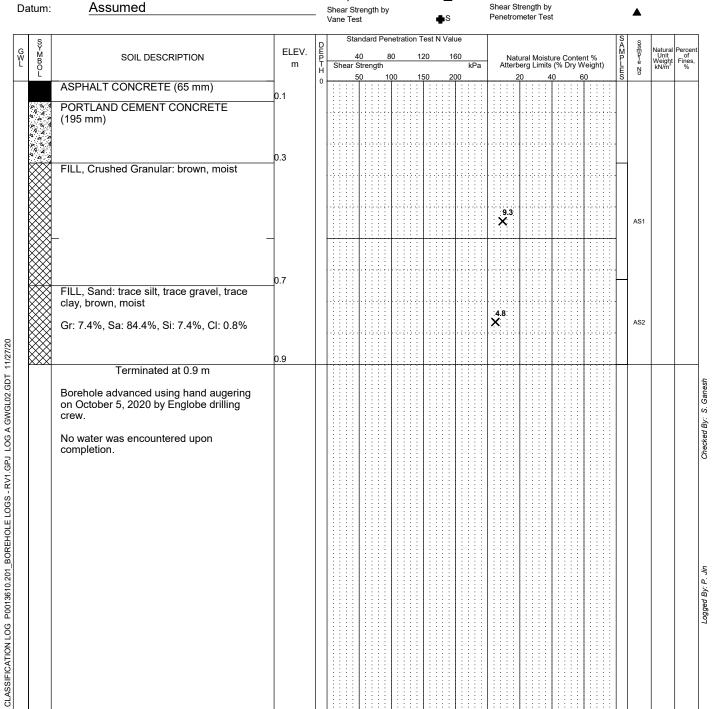
F	Project	No.	P0013610.201									D	RAWIN	IG No.		BH10	)
F	Project:		Geotechnical and Environment	ntal Inve	est	igatio	n - Y	onge	Stree	et		_	She	et No.	_1	_ of _	1_
L	_ocatio	n:	Yonge Street, About 20 m No	rth of D	un	das S	Stree	t East	, Sou	thbou	ınd Cı	ırb La	ane, 3	.0 m l	Eas	t of V	Vest_
			Curb		_	Split Spo	on Sam	ole	$\boxtimes$	]							
[	Date Dr	rilled:	5/10/2020			Auger Sa SPT (N)				]	Natural M Atterberg		Content	<u> </u>		<b>X</b> E)	
[	Orill Typ	oe:	Hang Auger		_	Dynamic	Cone Te	est		•	Undraine % Strain	ed Triaxia		•		0	
	Datum:		Assumed		_	Shelby T Shear St	rength b	y		l	Shear St Penetror	trength by	y		1	0	
_						Vane Te		enetration	Test N Va	lue	Tenello	neter res			Isl	.	
V	SY M B O L		SOIL DESCRIPTION	ELEV. m	DEPTH	Shear	40 Strength	80	120 1	160 kPa	Nati Atterb	erg Limit	ture Conte s (% Dry V	ent % Veight) 50		Natu P Un Veig No KN/r	ral Percent it of pht Fines, "%
		ASP	HALT CONCRETE (70 mm)	0.1	0			100	130 2	1 : : : :	: : : :		1	1			
		POR (150	TLAND CEMENT CONCRETE mm)														
		FILL,	Crushed Granular: brown, moist	0.2										-5 (-1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5			
											10.9 <b>X</b>					AS1	
				0.6													
7/20		FILL	Gravelly Sand: brown, moist													AS2	
11/2			Terminated at 0.9 m	0.9					+	1	1::::		<del>                                     </del>				
: LOGS - RV1.GPJ LOG A GWGL02.GDT		on O crew No w	hole advanced using hand augering ctober 5, 2020 by Englobe drilling . vater was encountered upon oletion.														donest O a Donest
CLASSIFICATION LOG P0013810.201_BOREHOLE LOGS - RV1.GPJ LOG A GWGL02.GDT 11/27/20																	loaned By D lin

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

Project No. <u>P0013610.201</u>								DF	RAWIN	G No.	E	3H11				
Geotechnical and Environment	ntal Inve	stigatio	n - Yor	ige S	treet			_	She	et No.	_1	_ of′	1_			
Yonge Street, About 18 m So	uth of E	dward S	Street,	North	bour	nd Cu	urb La	ne, 1	.3 m	West	of E	ast C	urb			
9/3/2020 Hang Auger Assumed		Auger Sa SPT (N) Dynamic Shelby To Shear St	mple Value Cone Test ube rength by	_	□ • • • • • •		Atterberg Undraine % Strain a	Limits d Triaxia at Failure rength by	l at	F	15 🖯	F East Cu  X  O 15 ⊕5 10  A				
SOIL DESCRIPTION	ELEV.	Sta	ndard Penet	ration Tes		0	_ Natu Atterbe	ıral Moist	ure Conte	nt % /eight)	S A M P L	Natural Unit Weight	Percent of Fines,			
RTALND CEMENT CONCRETE ) mm)	0.1	0	0 100	150	20	U	4.4 *	<u>U</u> 4	U 6			51				
	_	1					5.8									
	1.2						×				. A	S2				
March 9, 2020 by Englobe drilling crew.  water was encountered upon																
	Geotechnical and Environme Yonge Street, About 18 m So  9/3/2020 Hang Auger Assumed  SOIL DESCRIPTION  PHALT CONCRETE (60 mm)  RTALND CEMENT CONCRETE 0 mm)  The contract of t	Geotechnical and Environmental Inve Yonge Street, About 18 m South of Ed  9/3/2020 Hang Auger Assumed  SOIL DESCRIPTION PHALT CONCRETE (60 mm) Output  Transport (60 mm) Output  To mm)  0.1  Terminated at 1.2 m Schole advanced using hand augering March 9, 2020 by Englobe drilling crew.  Water was encountered upon	Geotechnical and Environmental Investigation Yonge Street, About 18 m South of Edward Street, Auger Sand Spill Spourable, Spill Spi	Geotechnical and Environmental Investigation - Yor Yonge Street, About 18 m South of Edward Street, I  9/3/2020 Hang Auger Assumed  Soll Description  British Concrete (60 mm) British Concrete (60	Geotechnical and Environmental Investigation - Yonge S Yonge Street, About 18 m South of Edward Street, North    Split Spoon Sample Auger Sample SPT (N) Value Dynamic Cone Test Shelby Tube Shear Strength by Vane Test   SOIL DESCRIPTION	Geotechnical and Environmental Investigation - Yonge Street Yonge Street, About 18 m South of Edward Street, Northbour    Spit Spoon Sample	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 18 m South of Edward Street, Northbound Ct  9/3/2020  Hang Auger  Assumed  Soll Description  Soll Description  PHALT CONCRETE (60 mm)  3., Sand: trace gravel, brown, moist  Terminated at 1.2 m  shole advanced using hand augering darch 9, 2020 by Englobe drilling crew.  water was encountered upon	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 18 m South of Edward Street, Northbound Curb La    Spit Spoon Sample	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 18 m South of Edward Street, Northbound Curb Lane, 1  9/3/2020  Hang Auger  Assumed  Solit Description  Solit Description  PHALT CONCRETE (60 mm)  Onm)  Onm)  Onm)  Transited at 1.2 m  Schole advanced using hand augering darch 9, 2020 by Englobe drilling crew.  Water was encountered upon	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 18 m South of Edward Street, Northbound Curb Lane, 1.3 m    Spill Spoon Sample	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 18 m South of Edward Street, Northbound Curb Lane, 1.3 m West    Split Spoon Sample	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 18 m South of Edward Street, Northbound Curb Lane, 1.3 m West of E  9/3/2020  Hang Auger  Assumed  Shelby Tube Shelby	Geotechnical and Environmental Investigation - Yonge Street Sheet No. 1 of Yonge Street, About 18 m South of Edward Street, Northbound Curb Lane, 1.3 m West of East C yonge Street, About 18 m South of Edward Street, Northbound Curb Lane, 1.3 m West of East C yonge Street, About 18 m South of Edward Street, Northbound Curb Lane, 1.3 m West of East C yonge Street, About 18 m South of Edward Street, Northbound Curb Lane, 1.3 m West of East C yonge Street, About 18 m South of East C yonge Street, Northbound Curb Lane, 1.3 m West of East C yonge Street, 1.3 m Wes			

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

P0013610.201 BH12 DRAWING No. Project No. Geotechnical and Environmental Investigation - Yonge Street 1 of 1 Project: Sheet No. Yonge Street, About 31 m North of Edward Street, Southbound Curb Lane, 1.8 m East of West Curb Location: Split Spoon Sample Auger Sample Natural Moisture Content 5/10/2020 Date Drilled: SPT (N) Value Atterberg Limits 0 15 0 5 Hang Auger Dynamic Cone Test Undrained Triaxial at Drill Type: % Strain at Failure Shelby Tube



Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

Project No.	P0013610.201										D	RAWIN	IG No.	E	3H13	
Project:	Geotechnical and Environment	ntal Inve	est	igatio	n - Y	ong/	e S	tree	t		_	She	et No.	_1	of _	1_
Location:	Yonge Street, About 19 m So	uth of E	lm	Stre	et, S	outh	nbou	und (	Curb	Lane,	, 2.2 ו	n Eas	st of W	/est	Curb	l
Date Drilled Drill Type: Datum:	d: 5/10/2020 Hang Auger Assumed		- - -	Split Spo Auger Sa SPT (N) Dynamic Shelby T Shear St Vane Te	ample Value Cone T ube rength b	est	_	□ • • • • • •		Atterberg Undraine % Strain Shear S	Moisture g Limits ed Triaxia at Failur trength b meter Te	al at e y	F	0 15 0 15	15	
G M B O	SOIL DESCRIPTION	ELEV.	DEPTH	4	indard P 40 Strength	80	ion Tes		ue 60 kPa	_ Nat Atterb	tural Mois perg Limit	ture Conte s (% Dry V	ent % Veight)	SAMPLES		Percent of Fines,
L	SPHALT CONCRETE (80 mm)	-	0	::::	50	100	150	2	00	:::::	20	40 (	60	Š °	'	
	ORTLAND CEMENT CONCRETE 00 mm)	0.1														
FI	ILL, Crushed Granular: brown, moist	0.4								5.8 X				AS	i1	
	ILL, Gravelly Sand: brown, moist	0.7								5.3 X				AS	52	
	Terminated at 0.9 m															
Be	orehole advanced using hand augering n October 5, 2020 Englobe drilling crew.															
N cc	o water was encountered upon ompletion.															
Be or No co																

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

# LOG OF BOREHOLE No. <u>BH14</u>

roject No.	P0013610.201					I	DRAWING No	. <u> </u>	H14
oject:	Geotechnical and Environme	ntal Inve	stigation - Yor	ige Stre	et		Sheet No	1_	of <u>1</u>
ocation:	Yonge Street, About 39 m No	orth of Elr	n Street, Nort	hbound	Curb L	ane, 3.0	m West of	East C	Curb
ate Drilled: rill Type: atum:	9/3/2020 Hang Auger Assumed	Auger				Natural Moistur Atterberg Limits Undrained Trias % Strain at Fail Shear Strength Penetrometer T	s xial at ure by	<b>X</b> 0 15 ⊕5 10	
S Y M B O L	SOIL DESCRIPTION	ELEV.	Vane Test  Standard Penet  40 80  T Shear Strength	ration Test N \	/alue 160 kPa	Natural Mo Atterberg Lin	sisture Content %	OMED- e ZO	Natural Per Unit Weight kN/m³
	PHALT CONCRETE (65 mm)	-	H 0 50 100	150	200	20	40 60	E N	NVIII
	RTLAND CEMENT CONCRETE 5 mm)	0.1							
FIII	., Crushed Granular: brown, moist	0.3							
	, ordened Grandian Brown, molec					7.8 X		AS1	
grav	., Sand: some clay, some silt, some rel, brown, moist 13.7%, Sa: 62.4%, Si: 13.1%, CI:	0.7							
<b>—</b>			1			11.6			
		1.2				×		AS2	
	Terminated at 1.2 m								
on M No v	ehole advanced using hand augering March 9, 2020 Englobe drilling crew.  water was encountered upon								
com	pletion.								
						Time	Water Level	Depth t	.0

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

# LOG OF BOREHOLE No. <u>BH15</u>

Project No.	P0013610.201							DRAV	VING No.	B	H15	
Project:	Geotechnical and Environme	ntal Inve	stigatio	n - Yon	ge St	reet			Sheet No.	_1_	of _1	<u> </u>
Location:	Yonge Street, About 1.5 m N	orth of V	Valton S	Street, N	Northb	oound C	urb Lar	ne, 1.3 ı	m West	of Ea	st Cı	urb
Date Drilled: Drill Type: Datum:	10/3/2020 Hang Auger Assumed		Auger Sa SPT (N)	Value Cone Test ube rength by	_	<ul><li>□</li><li>•</li><li>□</li><li>■</li><li>s</li></ul>	Atterberg	d Triaxial at at Failure ength by	ent  -	0 15 ⊕5 10		
S Y M B O	SOIL DESCRIPTION	ELEV.	D E P T Shear S	ndard Penetr 10 80 Strength	120	160 kPa		ral Moisture C		SAMPLES	Natural Unit Weight kN/m	Percer of Fines, %
	HALT CONCRETE (80 mm)	0.1	0 5	50 100	150	200	20	40	60	Š °		
POR (200	TLAND CEMENT CONCRETE mm)									-		
FILL	, Crushed Granular: grey, moist	0.3						3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
							13.7 X			AS1		
FILL	, Sand with Silt: trace gravel, brown, t	0.7										
<b>—</b>			1				9.6			-		
		1.2					×			AS2		
×××	Terminated at 1.2 m											
on O No w	hole advanced using hand augering ctober 3, 2020 Englobe drilling crew.  vater was encountered upon pletion.											

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

## LOG OF BOREHOLE No. <u>BH16</u>

oject N	Ю.	P0013610.201									DI	RAWIN	IG No		BH	116	
oject:		Geotechnical and Environmen	ntal Inve	est	igatic	n - Yo	nge	Stree	t		_	She	et No	_	<u>1</u> o	f <u>1</u>	_
cation	:	Yonge Street, About 19 m So	uth of G	Sei	rard	Street	East	, Nort	thbou	ınd Cu	ırb La	ane, 1	.3 m	W	est o	of Ea	ast
		Curb		_	Split Spo	on Sampl	e										
ite Dril	lled:	9/3/2020			Auger Sample SPT (N) Value				Natural N		Content		ı	<b>X</b> ⊕			
ill Type	e:	Hang Auger				Cone Te	st			Atterberg Undraine	ed Triaxia				0		
ıtum:		Assumed			Shelby T Shear St	ube rength by				% Strain Shear St	rength by	y			10		
				_	Vane Te	st		<b>♣</b> S		Penetron	neter Tes	st			_		
S Y M B O		SOIL DESCRIPTION	ELEV.	DEPTH		indard Per 40 &			lue 60	Note	ural Maio	turo Contr	ont %	S A M	070E0-e Zc	Natural Unit Weight kN/m	Perc
O L		GOIL DEGOIN HON	m	1	1 4	Strength			kPa	Atterb		ture Conte s (% Dry \ 40	Neight)	AMPLES	ė No	Weight kN/m	Fine %
		HALT CONCRETE (65 mm)	0.1	0										:			
P 4 4	POR (220	TLAND CEMENT CONCRETE mm)								1::::::							
7 4 A	(220	,															
4																	
	FILL,	Crushed Granular: grey, moist	0.3						<b>∤</b> ii.i.i	+		1		-			
										10.3							
										×					AS1		
₩-	-		_														
	FILL	, Silty Sand: some gravel, trace clay,	0.6														
		n, moist															
	Gr: 1	1.3%, Sa: 58.4%, Si: 22.0%, Cl: 8.3%							<b>.</b>			1		:			
$\bowtie$														:			
									ļ					-			
$\bowtie$	-	•		1						9.3 X				:	AS2		
			1.2											:			
		Terminated at 1.2 m															
	Bore on M	hole advanced using hand augering arch 9, 2020 Englobe drilling crew.												:			
	comp	rater was encountered upon pletion.												:			
									; ; ; ;				; ; ;	:			
														:			
														:			
				_	L	1::::	l : : : :	<u> </u>	1::::	1::::	l : : : :	1::::	1:::				_

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

# LOG OF BOREHOLE No. <u>BH17</u>

Project No.	P0013610.201										ı	DRA	WIN	G No.	_	BH	17	
Project:	Geotechnical and Environme	ntal Inve	esti	gati	on -	· Yo	nge :	Stree	ŧ		_		She	et No.	o. <u>1</u> of			_
Location:	Yonge Street, About 14 m No	et, About 14 m North of Gerrard Street East, Southbound Curb								urb L	_an	e, 3.	.8 m	Ea	st o	f W	est	
	Curb		_ ;	Split Sp	oon S	Sample	)	×	]									
Date Drilled:	9/3/2020	Auger Sample SPT (N) Value					]	Natural Atterbei		ntent	L		<b>X</b> ⊕					
Drill Type:	Hang Auger		_ 1	Dynam	ic Con		t		•	Undrain	ed Tria	xial at	t	ı	1	0 5⊕5		
Datum:	Assumed		_ ;	Shelby Shear S	Streng	th by				% Strain	Strength	by				10		
			,	√ane T		-1 D	etration T	S		Penetro	meter	est			161			
G Y M B O	SOIL DESCRIPTION	ELEV.	D E P T		40 r Stren	80			160 kPa	Na Atter	tural Mo berg Lin	oisture	e Conter	nt % /eight)	SAMPLIES	ഗരളമ-ം	Natural Unit Weight kN/m	Percen of Fines, %
L	HALT CONCRETE (70 mm)		0	:::	50	10	0 1	50 2	200		20	40		0 : : : :	S	Zo	KIN/III	70
ng POR	TLAND CEMENT CONCRETE	0.1																
* 4 (220	mm)																	
										1000								
FIII	Crushed Granular: grey, moist	0.3										.;			Н			
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Crustied Grandiar. grey, moist																	
										X <sup>11</sup>	.9					AS1		
							<u> </u>					4			4			
FILL,	Sand: trace silt, trace gravel, brown,	0.6													Н			
moist																		
										+ 5 1 1 1								
												.;. .;			Ц			
		-	1						1::::	7.9 X		#			11			
										X						AS2		
		4.0																
	Terminated at 1.2 m	1.2							1	+ : : : :		$\exists$			Н			
Borel	nole advanced using hand augering																	
on Ma	arch 9, 2020 Englobe drilling crew.																	
	ater was encountered upon letion.																	
John	1011011.																	
			_	<u> </u>								:   :		Liiii				<u> </u>

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

Pr	oject No.	P0013610.201									D	RAWIN	IG No.	B	H18	_
Pr	oject:	Geotechnical and Environmen	ntal Inve	est	igatio	n - Y	onge	Stree	t		_	She	et No.	_1_	of _1	<u> </u>
Lo	ocation:	Yonge Street, About 45 m No	rth of G	eri	rard S	Stree	t East	, Sout	thbou	nd Ri	ght T	urning	g Lane	, 2.8	3 m	
		East of West Curb		_	Split Spo	oon Sam	ole									
Da	ate Drilled:	2/10/2020		_	Auger S SPT (N)					Natural M Atterberg		Content	<b>I</b>	<b>×</b> →		
Dı	rill Type:	Hang Auger		_	Dynamic	Cone Te	est			Undraine	-		•	15 🕀 5	i	
Da	atum:	Assumed				trength b	y			Shear St Penetror	trength by	y		10		
				_	Vane Te		enetration <sup>*</sup>	<b>♣</b> S Test N Val	lie	Teneuoi	neter res			sl		
G W L	S M B O L	SOIL DESCRIPTION	ELEV. m	DEPT H	Shear	40 Strength	80 1	120 1	60 kPa	Nate Atterb	erg Limit	ture Conte s (% Dry V	ent % Veight) 60	AMPLES	Natural Unit Weight kN/m	Percent of Fines, %
	ASF	PHALT CONCRETE (65 mm)	0.1	0			T : : : :		Ī			Ĭ	<u> </u>			
	(220	RTLAND CEMENT CONCRETE 0 mm)	0.3													
	FILI	_, Crushed Granular: brown, moist								8.4 X				AS-	i	
11/27/20	FILI	_, Gravelly Sand: brown, moist	0.7							7.6 ×				AS2	2	
CLASSIFICATION LOG P0013610.201_BOREHOLE LOGS - RV1.GPJ LOG A GWGL02.GDT 11/27/20	on ( crev	Terminated at 0.9 m ehole advanced using hand augering October 2, 2020 by Englobe drilling w. water was encountered upon apletion.														I Annad Bir D lin Charled Bir C Ganach

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

## LOG OF BOREHOLE No. <u>BH19</u>

P0013610.201								DF	RAWIN	G No.		3H19				
Geotechnical and Environme	ntal Inve	stigatio	n - Yo	nge	Stree	t			She	et No.	_1	of _	1			
Yonge Street, About 90 m No	rth of Ge	errard S	Street	East,	Nort	hbou	nd Cur	b Laı	ne, 5	5.5 m	Wes	t of E	ast			
Curb		Split Spo	oon Sample	•	$\boxtimes$											
9/3/2020	3/2020								Content	F	X ⊢—⊖					
Hang Auger		Dynamic	Cone Tes	t	<u> </u>		Undrained	d Triaxial			15	)5				
Assumed		Shear S	trength by				Shear Str	ength by			10					
				etration T	-	IIE.	Tenerom				Isl					
SOIL DESCRIPTION	ELEV. m	D E P T Shear	40 80 Strength	) 1:	20 1	60 kPa	1				AMP-LE0	Natural Unit Weight kN/m	Percent of Fines, %			
PHALT CONCRETE (85 mm)		0	30 10		30 2	J	- 20	) <u>4</u>			3					
RTLAND CEMENT CONCRETE ) mm)																
., Crushed Granular: brown, moist	0.3						5.8 <b>X</b>				. As	61				
vn, moist	0.6															
	_	1					7.1 X					32				
Terminated at 1.2 m	1.2			÷				++++								
ehole advanced using hand augering March 9, 2020 Englobe drilling crew. vater was encountered upon																
	Geotechnical and Environme Yonge Street, About 90 m No Curb 9/3/2020 Hang Auger Assumed	Geotechnical and Environmental Investoring Street, About 90 m North of George Street, About 90 m North of George Curb  9/3/2020  Hang Auger  Assumed  SOIL DESCRIPTION  PHALT CONCRETE (85 mm)  RTLAND CEMENT CONCRETE  O mm)  0.1  Crushed Granular: brown, moist  0.6  To whole advanced using hand augering March 9, 2020 Englobe drilling crew.  The shole advanced using hand augering March 9, 2020 Englobe drilling crew.  To water was encountered upon	Geotechnical and Environmental Investigation Yonge Street, About 90 m North of Gerrard Street, About 9	Geotechnical and Environmental Investigation - Younge Street, About 90 m North of Gerrard Street  Curb  9/3/2020  Hang Auger Assumed  Soil Description  Soil Description  PHALT CONCRETE (85 mm)  STLAND CEMENT CONCRETE  Dimm)  STLAND CEMENT CONCRETE  Soil Spoon Sample Auger Sample SPT (N) Value Dynamic Cone Test Shelby Tube Shear Strength by Vane Test  Shear Strength of S	Geotechnical and Environmental Investigation - Yonge Street, About 90 m North of Gerrard Street East,  Curb  9/3/2020  Hang Auger  Assumed  Soll DESCRIPTION  PHALT CONCRETE (85 mm)  CTLAND CEMENT CONCRETE  In mm)  RTLAND CEMENT CONCRETE  To mm)  O.1  Crushed Granular: brown, moist  1.2  Terminated at 1.2 m  Schole advanced using hand augering March 9, 2020 Englobe drilling crew.  Vertical and Environmental Investigation - Yonge Street East,  Split Spoon Sample  Auger Sample  SPT (N) Value  Dynamic Cone Test Schelby Tube  Shear Strength by Vane Test Schelbraght by Vane Test Shear Strength  Sol 100 19  Standard Penetration T  Shear Strength  Sol 100 19  Auger Sample  SPT (N) Value  Dynamic Cone Test Schelbraght by Vane Test Shear Strength by  1.2  1.2  Terminated at 1.2 m  Schole advanced using hand augering March 9, 2020 Englobe drilling crew.  Vertical Council Spoon Sample  Auger Sample  Spt (N) Value  Dynamic Cone Test Schelbraght by Vane Test Schelbraght	Geotechnical and Environmental Investigation - Yonge Street Yonge Street, About 90 m North of Gerrard Street East, North Curb 9/3/2020 Hang Auger Assumed  Soll Description FHALT CONCRETE (85 mm)  CTLAND CEMENT CONCRETE Dimm)  Torushed Granular: brown, moist  1.2  Terminated at 1.2 m Schole advanced using hand augering March 9, 2020 Englobe drilling crew.  In the street of the s	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 90 m North of Gerrard Street East, Northboul Curb  9/3/2020  Hang Auger  Assumed  Soll DESCRIPTION  PHALT CONCRETE (85 mm)  PHALT CONCRETE (8	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 90 m North of Gerrard Street East, Northbound Cur  Curb  9/3/2020  Hang Auger Assumed  Soil Description  Soil Description  Filand Concrete (85 mm)  RILAND CEMENT CONCRETE  Imm)  1.1  1.2  Terminated at 1.2 m  Shole advanced using hand augering larch 9, 2020 Englobe drilling crew.  Valet was encountered upon	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 90 m North of Gerrard Street East, Northbound Curb Lai  Curb  9/3/2020  Hang Auger  Assumed  Solit Description  Solit Description  PHALT CONCRETE (85 mm)  ATLAND CEMENT CONCRETE  In mm)  Out  Curb  Solit Description  Street Strength by Concrete (85 mm)  Atlantary Strength by Concrete	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 90 m North of Gerrard Street East, Northbound Curb Lane, 5  Curb  9/3/2020  Auger Sample Ager Sample Ager Spring Dr. SPIN Natural Moisture Content Atterberg Limits Spring Dr. Auger Strength by Varie Test  Soil DESCRIPTION  ELLEV.  Bright Spoon Sample Ager Strength by Varie Test  Sheby Tube Shear Strength by	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 90 m North of Gerrard Street East, Northbound Curb Lane, 5.5 m  Curb  9/3/2020 Hang Auger Assumed  Soll Description  Soll Description  BLEV. m  Soll Description  Curb  9/3/2020  Hang Auger  Assumed  Soll Description  BLEV. m  Soll Description  Curb  Soll Description  BLEV. m  Soll Description  Curb  Soll Description  BLEV. m  Soll Description  Curb  Soll Description  Curb  Soll Description  Strandard Penetration Test N Value  40 80 120 160 0	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 90 m North of Gerrard Street East, Northbound Curb Lane, 5.5 m West Curb  9/3/2020  Hang Auger  Assumed  Solit Description  Solit Description  Solit Description  Solit Spon Sample Auger Sample Shear Strength by Varia Fest  Shear Strength by Varia Fest  Solit Description  BLEV. m  Solit Spon Sample Auger Sample Shear Strength by Varia Fest  Shear Strength by Varia Fest  Solit Description  Assumed  Solit Description  ELEV. m  O.1  Crushed Granular: brown, moist  O.3  Crushed Granular: brown, moist  O.4  Terminated at 1.2 m  12  Terminated at 1.2 m  12  Terminated at 1.2 m  12  Terminated at 1.2 m  13  Terminated at 1.2 m  14  Terminated at 1.2 m  15  Terminated at 1.2 m  16  Terminated at 1.2 m  17  Terminated at 1.2 m  18  Assumed  Assumed Invasion Testing Moisture Content  Assumed Invasional Assumed Invasion	Geotechnical and Environmental Investigation - Yonge Street  Yonge Street, About 90 m North of Gerrard Street East, Northbound Curb Lane, 5.5 m West of E  Curb  9/3/2020  Hang Auger  Assumed  Solit Spoon Sample  Pland Auger Sample  Shear Street East, Northbound Curb Lane, 5.5 m West of E  Curb  9/3/2020  Hang Auger  Assumed  Solit Description  Solit Description  Solit Description  ELEV m  Solit Street East, Northbound Curb Lane, 5.5 m West of E  Underweat Tracal at the Atterberg Limits Atterberg Limits (Sport Weight)  Solit Description  ELEV m  Solit Street East, Northbound Curb Lane, 5.5 m West of E  Underweat Tracal at the Atterberg Limits (Sport Weight)  Solit Description  ELEV m  Solit Description  ELEV m  String Street East, Northbound Curb Lane, 5.5 m West of E  Sample Submit Lane  Underweat Tracal at the Atterberg Limits (Sport Weight)  Solit Description  ELEV m  Solit Description  ELEV m  Solit Street East, Northbound Curb Lane, 5.5 m West of E  Sample Submit Lane  Solit Description  ELEV m  Solit Street East, Northbound Curb Lane, 5.5 m West of E  Solit Street East, Northbound Curb Lane, 5.5 m West of E  Solit Matural Moisture Content (Sport Mature Lane)  Solit Matural Moisture Content			

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

Project No.	P0013610.201									DI	RAWIN	IG No.		BH21	
Project: Geotechnical and Environmental Investigation - Yonge Street								_	She	et No.	1	_ of	1_		
Location:	Yonge Street, About 6 m Sou	ith of Ca	arlto	on St	reet,	North	ooun	d Cur	b Lane	e, 2.0	m V	est of	f Ea	ast Cu	rb
Date Drilled: 2/10/2020  Drill Type: Hang Auger  Datum: Assumed			_	Auger Sa SPT (N) Dynamic Shelby T	Value Cone Tea ube rength by		□ • • •s		Natural M Atterberg Undraine % Strain Shear Str Penetron	Limits d Triaxia at Failure	ıl at e	F	× 15 ⊕5 10		
S Y M B O L	SOIL DESCRIPTION	ELEV.	DEPTH	4	10 8 Strength		20 1	l60 kPa	Natu Atterb	erg Limits	ture Conte s (% Dry V	ent % Veight)	SAMPLES	Sam Natura P Unit E Weigh N kN/m	l Percer of t Fines
	PHALT CONCRETE (75 mm)	-	0	: : : :	50 1	00 1	50 2	200	:::::	0 4	40	60	S		
	RTLAND CEMENT CONCRETE ) mm)	0.1													
brov	., Sandy Silt: trace clay, trace gravel, vn, moist 6.9 %, Sa: 36.3%, Si: 54.6%, Cl: 2.2%														
									11.0 ×				A	AS1	
on C crev	Terminated at 0.9 m  whole advanced using hand augering Dctober 2, 2020 by Englobe drilling  water was encountered upon upletion.	0.9													

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

F	Project No	o. <u>P0013610.201</u>									D	RAWIN	IG No.		BH	22	_
F	Project:	Geotechnical and Environme	ental Inve	est	igatio	n - Y	onge	Stre	eet		_	She	et No.	_1	_ of	_1	_
L	.ocation:	Yonge Street, About 9 m So	outh of Co	olle	ege S	Street	, Sou	ıthbo	ound C	Curb La	ane, 3	8.2 m	East c	of V	Ves	t Cu	ırb_
[	Oate Drillo Orill Type Oatum:			_ _ _	Split Spot Auger St SPT (N) Dynamic Shelby T Shear St Vane Te	ample Value Cone To ube trength b	est	_		Atterbe Undrair % Strai Shear S	Moisture rg Limits ned Triaxia n at Failui Strength b ometer Te	al at re	F	15 (	<b>X</b> ⊕ 0 ⊕ 5 110 <b>A</b>		
C V I	S Y M B O	SOIL DESCRIPTION	ELEV.	DEPTH	Shear	40 Strength		120	160 kP	Na Atter	itural Mois berg Limit	ture Conte s (% Dry V	ent % Veight)	SAMPLES	Omeo-e Zo	Natural I Unit Veight kN/m	Percent of Fines, %
-		ASPHALT CONCRETE (65 mm)	0.1	0		50	100	150	200	: ::::	20	40 (	50	S			
		PORTLAND CEMENT CONCRETE (230 mm)	0.1											-			
11/27/20		FILL, Crushed Granular: brown, moist  FILL, Gravelly Sand: brown, moist	0.7							6.3 〇					AS1		
CLASSIFICATION LOG P0013610.201_BOREHOLE LOGS - RV1.GPJ LOG A GWGL02.GDT 11/27/20		Terminated at 0.9 m  Borehole advanced using hand augering on October 2, 2020 by Englobe drilling crew.  No water was encountered upon completion.															I nomed Bir P lin

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

Project No.	P0013610.201	-0.	`			_ :	•		112	_	RAWIN	G No.		BH	123	_
Project:	Geotechnical and Environmen	ntal Inv	est	tigatio	n - Yo	onge	Stree	t		_	She	et No.	_	<u>1</u> c	f <u>1</u>	<u></u>
Location:	Yonge Street, About 55 m Nor	rth of C	ar	Iton S	treet,	North	bour	nd Cu	rb Lar	ne, 5.	0 m V	Vest	of	Eas	t Cu	ırb
Date Drilled:	6/19/2019 Soild Stem Auger		_	Split Spo Auger Sa SPT (N)	Value				Atterberg Undraine	ed Triaxia	l at	F		<b>X</b> -0 5 ⊕5		
Datum:	Assumed		_	Shelby T Shear St					Shear St	at Failure trength by	/			10		
				Vane Te	st		<b>♣</b> S		Penetror	meter Tes	st					
S Y M B O L	SOIL DESCRIPTION	ELEV.	DEPTH	Shear S	10 8 Strength		20 1	60 kPa	1		ure Conte s (% Dry W	nt % /eight)	SAMPLIES	Ωαξο—e Zo	Natural Unit Weight kN/m	Percent of Fines, %
ASP POF (260 FILL com	PHALT CONCRETE (65 mm) RTLAND CEMENT CONCRETE D mm) The common control of the con		2	25	0 1	00 1	50 2	00	5.6 × 6.9 × 7.0 ×	0 4	40 €	0		AS1 SS2 SS3		Ganach
		4.0											;/\ :\/	AS6		S S S S S S S S S S S S S S S S S S S
solic June Ltd. No v	Terminated at 4.0 m  whole advanced using continuous flight at the stem augering equipment on a 19, 2019 by Malone's Soil Samples water was encountered upon pletion.  The refusal at 4.0 m due to auger ding.		4													Lorred Ry P. lin Charl

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none

**Englobe** 

P0013610.201 **BH24** DRAWING No. Project No. Geotechnical and Environmental Investigation - Yonge Street 1 of 1 Project: Sheet No. Yonge Street, About 45 m North of Alexander Street, Southbound Curb Lane, 1.0 m East of West Location: Curb Split Spoon Sample Auger Sample Natural Moisture Content X 6/27/2019 Date Drilled: SPT (N) Value Atterberg Limits 0 Soild Stem Auger Dynamic Cone Test Undrained Triaxial at Drill Type: 15 0 5 % Strain at Failure Shelby Tube Assumed Shear Strength by Datum: Shear Strength by Penetrometer Test Standard Penetration Test N Value G W L ELEV. Natural Moisture Content % Atterberg Limits (% Dry Weight) SOIL DESCRIPTION 160 Unit Weight kN/m Shear Strength m ASPHALT CONCRETE (65 mm) PORTLAND CEMENT CONCRETE (210 mm) FILL, Crushed Granular: brown, moist, very loose to compact × AS1 SS2 FILL, Silty Sand: brown, moist, compact SS3 SS4 CLASSIFICATION LOG P0013610.201\_BOREHOLE LOGS - RV1.GPJ LOG A GWGL02.GDT 11/27/20 12. X Checked By: S. Ganesh SS6 Terminated at 5.2 m Logged By: P. Jin Borehole advanced using continuous flight solid stem augering equipment on June 27, 2019 by Malone's Soil Samples No water was encountered upon completion.

Time	Water Level (m)	Depth to Cave (m)
Upon Completion	none	none