

Mark Bales

From: Jennifer Lawrence <jennifer@jlplanning.ca>
Sent: October 10, 2019 7:56 AM
To: Mark Bales
Subject: Fwd: 2107 Old Lakeshore Road Burlington
Attachments: Cover Letter CH Sept 23 19.pdf; Old Lakeshore plan and BH1 andBH101.pdf

Hi Mark,
Please see email below from CH. Property is not regulated.
Jennifer

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From: Emma DeFields <edefields@hrca.on.ca>
Sent: Thursday, October 10, 2019 7:22:39 AM
To: Jennifer Lawrence <jennifer@jlplanning.ca>
Cc: Minaji, Rosalind <Rosalind.Minaji@burlington.ca>; Charles Priddle <cpriddle@hrca.on.ca>
Subject: FW: 2107 Old Lakeshore Road Burlington

Hi Jennifer,

Thank you for submitting the borehole information, including the following prepared by Terraprobe:

- *Figure 6: Borehole, Monitoring Well and Cross Section Locations*, dated June 2019
- *Log of Borehole 1 [sheets 1 and 2 of 2], Project No. 1-16-0680-01*, date started November 26, 2016
- *Log of Borehole 101 [sheet 1 of 1], Project No. 7-19-0023-42*, date started March 26, 2019

Based on our review of the material provided, we can confirm that the subject property at 2107 Old Lakeshore Road is not considered to be regulated by Conservation Halton. Therefore, Conservation Halton permits are not required for works on site, and we will not need to review the forthcoming zoning application. I have copied Rosalind Minaji from the City for her information as it relates to submission requirements.

If you have any further questions, please feel free to contact me.

Regards,
Emma

Emma DeFields, MES
Environmental Planner

Conservation Halton
2596 Britannia Road West, Burlington, ON L7P 0G3
905.336.1158 ext. 2335 | Fax 905.336.6684 | edefields@hrca.on.ca
conservationhalton.ca

From: Jennifer Lawrence <jennifer@jlplanning.ca>
Sent: October 7, 2019 10:30 AM
To: Emma DeFields <edefields@hrca.on.ca>

Cc: Charles Priddle <cpriddle@hrca.on.ca>
Subject: 2107 Old Lakeshore Road Burlington

Hi Emma,

While you were away on vacation I submitted the attached borehole information to Charles for internal circulation. I'm wondering if you could provide me with an estimated timeline for comments from CH?

Thanks,

Jennifer

Jennifer Lawrence, MCIP, RPP
President
Jennifer Lawrence and Associates Inc.
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Dundas, ON L9H 6M6
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September 23, 2019

Mr. Charles Priddle
Conservation Halton
2596 Britannia Road West
Burlington, ON
L7P 0G3

Dear Mr. Priddle:

**Re: 2107 Old Lakeshore Road
City of Burlington
Borehole Information**



Further to email and phone correspondence with Emma DeFields, please find enclosed borehole information for two boreholes (BH1 and BH101) in the vicinity of Conservation Halton's Approximate Regulation Limit (ARL) on the above noted property. As outlined in my email of September 23, 2019, there is a large tree in the southwestern corner of the subject property that prohibits the installation a borehole within Conservation Halton's ARL in that corner. We trust that the enclosed information for BH1 and BH101, within close proximity to Conservation Halton's ARL will be sufficient to provide Conservation Halton with the information necessary to confirm whether the erosion hazard is likely to extend onto 2107 Old Lakeshore Road.

Please let me know if you require any further information.

Yours truly,

Jennifer Lawrence, MCIP, RPP
President

encl.

cc: Mr. Mark Bales, Carriage Gate Homes

Reference:
 Title: Topographic Survey - Part of Lots 10 & 12, Block "C" and all of Lot 11, Block "C" Complan
 2015-03-17, 2015-03-17, 2015-03-17, 2015-03-17
 Prepared By: A.T. McLaughlin
 2015-03-17, 2015-03-17, 2015-03-17, 2015-03-17
 Date: November 17, 2016



Note:

Legend:

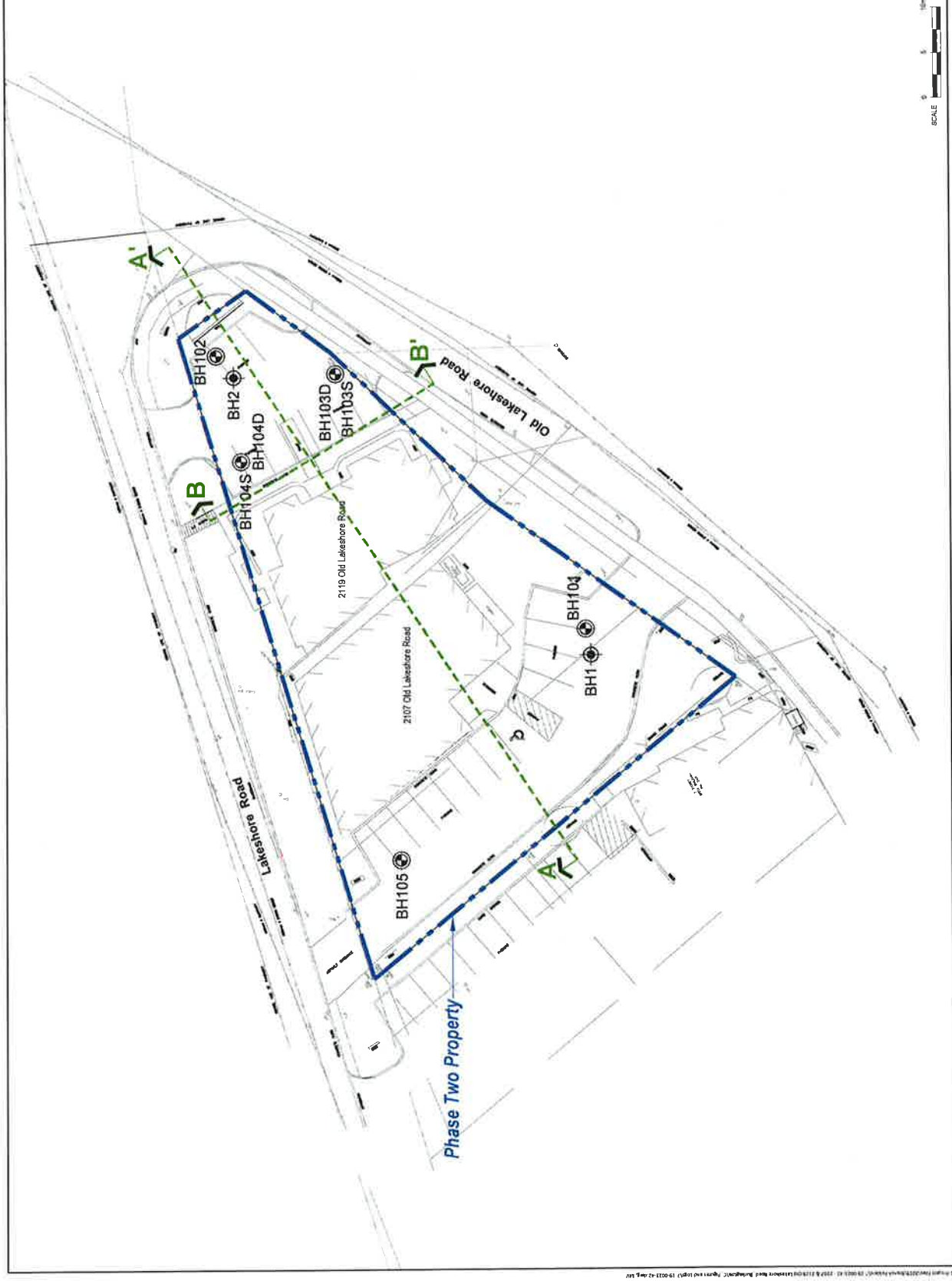
- Phase Two Property Boundary
- Borehole / Monitoring Well by Terraprobe, 2019
- Borehole / Monitoring Well by Terraprobe, 2016
- Approximate Cross Section Location

Project Title:
 Phase Two Environmental Site Assessment

Site Location:
 2107 & 2119 Old Lakeshore Road,
 Burlington, Ontario

Figure Title:
 BOREHOLE MONITORING WELL AND
 CROSS SECTION LOCATIONS

Designed By:	AB	File No.:	7-19-0023-42
Drawn By:	MV	Scale:	As Shown
Reviewed By:	MB	Figure No.:	6
Date:	June 2019		



Project No. : 1-16-0680-01 Client : Carriage Gate Homes Originated by : TG
 Date started : November 25, 2016 Project : SW of Old Lakeshore & Lakeshore Rd Compiled by : NN
 Sheet No. : 1 of 2 Location : Burlington, Ontario Checked by : JC

Position : E: 597988, N: 4797784 (UTM 17T)		Elevation Datum : Geodetic (NAD83)		Core Diameter : HQ, OD=96mm, ID=64mm								
Rig type : Truck-mounted		Drilling Method : Solid stem augers, HQ rock coring										
Depth Scale (m)	SOIL PROFILE		SAMPLES		Elevation Scale (m)	Penetration Test Values (Blows / 0.3m)	Moisture / Plasticity			Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
	Elev Depth (m)	Description	Graphic Log	Number			Type	SPT 'N' Value	Plastic Limit			
0	81.5	GROUND SURFACE										
0.2	81.3	50mm ASPHALTIC CONCRETE										
		150mm AGGREGATE										
1		CLAYEY SILT, trace to some sand, trace to some gravel, very stiff to hard, mottled greyish brown (GLACIAL TILL) ...at 0.8 m, reddish brown		1	SS	20						
				2	SS	88						
				3	SS	63						
2				4	SS	50 / 125mm						
	79.2	INFERRED BEDROCK , shale, red, weathered										
	2.3											
3	78.9	QUEENSTON FORMATION (See rock core log for details)		1	RUN							
	2.6											
4				2	RUN							
5												
6				3	RUN							
7												
8				4	RUN							
9												
10				5	RUN							
				6	RUN							

file: 1-16-0680-01 bh logs.pdf

(continued next page)

Project No. : 1-16-0680-01 Client : Carriage Gate Homes Originated by : TG
 Date started : November 25, 2016 Project : SW of Old Lakeshore & Lakeshore Rd Compiled by : NN
 Sheet No. : 2 of 2 Location : Burlington, Ontario Checked by : JC

Position : E: 597988, N: 4797784 (UTM 17T)		Elevation Datum : Geodetic (NAD83)		Core Diameter : HQ, OD=96mm, ID=64mm					
Rig type : Truck-mounted		Drilling Method : Solid stem augers, HQ rock coring							
Depth Scale (m)	SOIL PROFILE		SAMPLES		Penetration Test Values (Blows / 0.3m)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
	Elev Depth (m)	Description	Graphic Log	Number					
	(continued)								
	QUEENSTON FORMATION (See rock core log for details) (continued)		6	RUN	71				
11			7	RUN	70				
12			8	RUN	69				
13			9	RUN	68				
14			10	RUN	67				
15					66				
16					65				
64.6									
16.9									

END OF BOREHOLE

Borehole was dry and open upon completion of drilling.
 50 mm dia. monitoring well installed.

WATER LEVEL READINGS

Date	Water Depth (m)	Elevation (m)
Dec 8, 2016	4.3	77.2
Mar 15, 2019	6.0	75.5
Apr 6, 2019	6.0	75.5
Apr 16, 2019	6.0	75.5

Project No. : 7-19-0023-42

Client : Old Lakeshore Burlington Inc.

Originated by : KG

Date started : March 26, 2019

Project : 2107 & 2119 Old Lakeshore Road

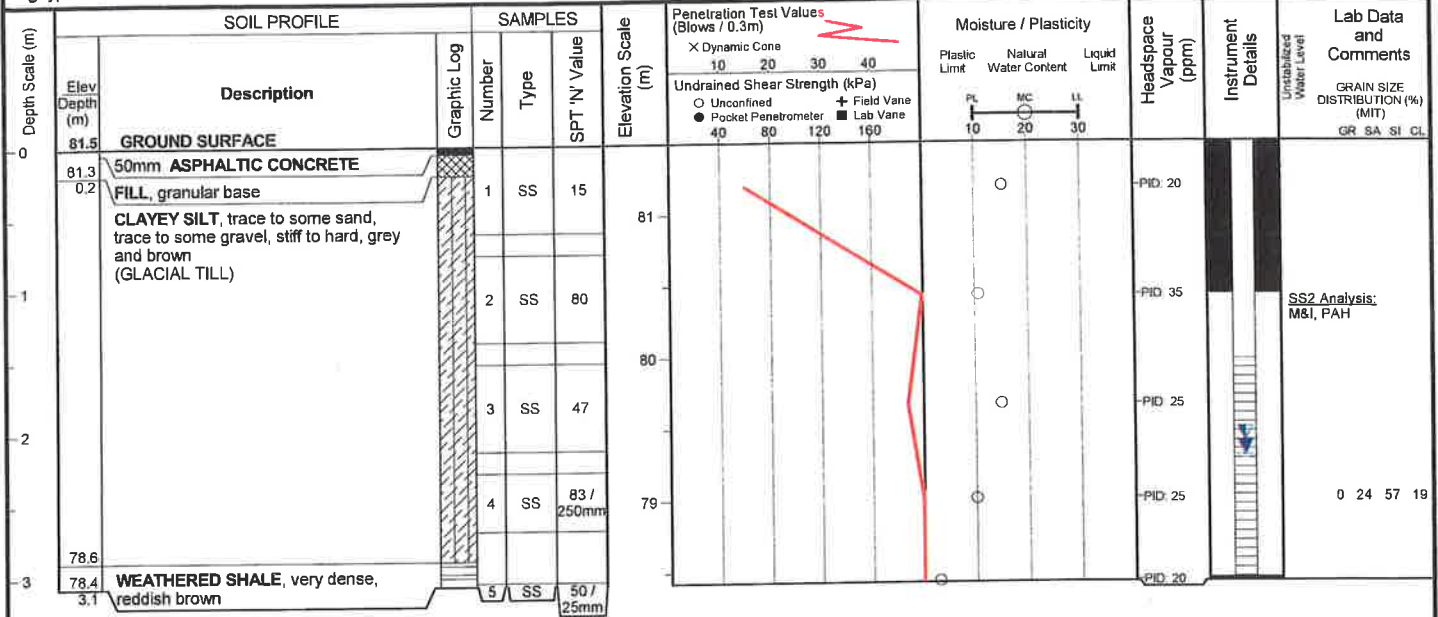
Compiled by : AB

Sheet No. : 1 of 1

Location : Burlington, Ontario

Checked by : BW

 Position : E: 597993, N: 4797787 (UTM 17T)
 Rig type : Truck-mounted

 Elevation Datum : Geodetic
 Drilling Method : Solid stem augers

END OF BOREHOLE

Borehole was dry and open upon completion of drilling.

50 mm dia. monitoring well installed.