EXP Services Inc.
15701 Robin's Hill Road
London, ON N5V 0A5
Telephone: (519) 963-3000
Facsimile: (519) 963-1152

Project: KCH-25002312-A0

April 22, 2025

Ms. Nicole Ooms
Sifton Prperties Limited
1295 Riverbend Road, Suite 300
London, Ontario
N6K 0G2

Aggregate Resources Assessment
10242 Glendon Drive, Komoka, ON

Dear Ms. Ooms:

Further to your request, EXP is providing the following comments regarding the "Aggregate Resources" designation from a geotechnical standpoint. It is understood that a Draft Plan of Subdivision for the above mentioned property is currently being prepared.

Based on a review of EXP's geotechnical report dated February 14, 2025, the overburden soils were found to vary inconsistently in composition between silts and sand/silt mixtures punctuated with silt lenses and layering, with clayey silt till observed in one of the boreholes. A total of 11 boreholes were advanced as part of the geotechnical investigation. Drawing 1, attached, identifies the locations of the boreholes. Two interpreted cross sections were developed from the information collected at the borehole locations. The cross sections are attached as Drawings 2 and 3. The borehole logs are appended to this letter.

Each borehole was surfaced with topsoil underlain variably by sand, silty sand, sandy silt, sand and silt, silt and clayey silt till. The sand that was encountered in some of the boreholes was noted inconsistently interbedded within the lenses, seams and layers of silt and sandy silt. Most of the materials excavated can be considered appropriate for re-use as road subgrade and trench backfill within the proposed subdivision, only.

The cross sections demonstrate the limited total quantity of potentially available aggregate resource and inconsistency in stratigraphy. The soil composition along the line of the cross-sections was used to graphically depict the site's underlying materials. Of important note is the layers of the fine to medium sand materials indicated in some of the boreholes projected onto the cross-section, in most cases do not have a similar counterpart in neighbouring boreholes along the cross-section, which suggests the intermittent, inconsistent and therefore limited nature of potentially extractable, isolated deposits.

The most difficult obstacle to overcome in creating a viable aggregate resource at this location would be the intimately inter-layered nature of the sand deposits with the silty materials which would become mixed during extraction, rendering the potentially usable sands of little value as an aggregate resource.

Based on the frequency and inconsistency of the sand deposits, punctuated and separated by numerous silt and sandy silt lenses, seams and layers, aggregate extraction would likely require significant sorting and processing to render usable quantities of commercially viable aggregate due to the inconsistent, intimate layering of sands and silts. It is our opinion that there is insufficient quantity of aggregate resource of commercial grade quality at this site to consider this site commercially viable as an aggregate resource.

In addition to the physical scarcity of commercially viable aggregate, the economic feasibility of operating a commercial aggregate extraction operation with limited available quantities, likely requiring substantial processing operations, in close proximity to the pre-existing residential and commercial land use south, east and west of the site, would have to be taken into consideration. The capital investment required to implement measures to abate noise and dust to within provincially acceptable tolerances would have to be factored into production costs, further limiting the feasibility of creating a commercially viable aggregate extraction operation.

We trust this satisfies your present requirements. If you have any questions or require anything further, please feel free to contact our office.

Yours truly,

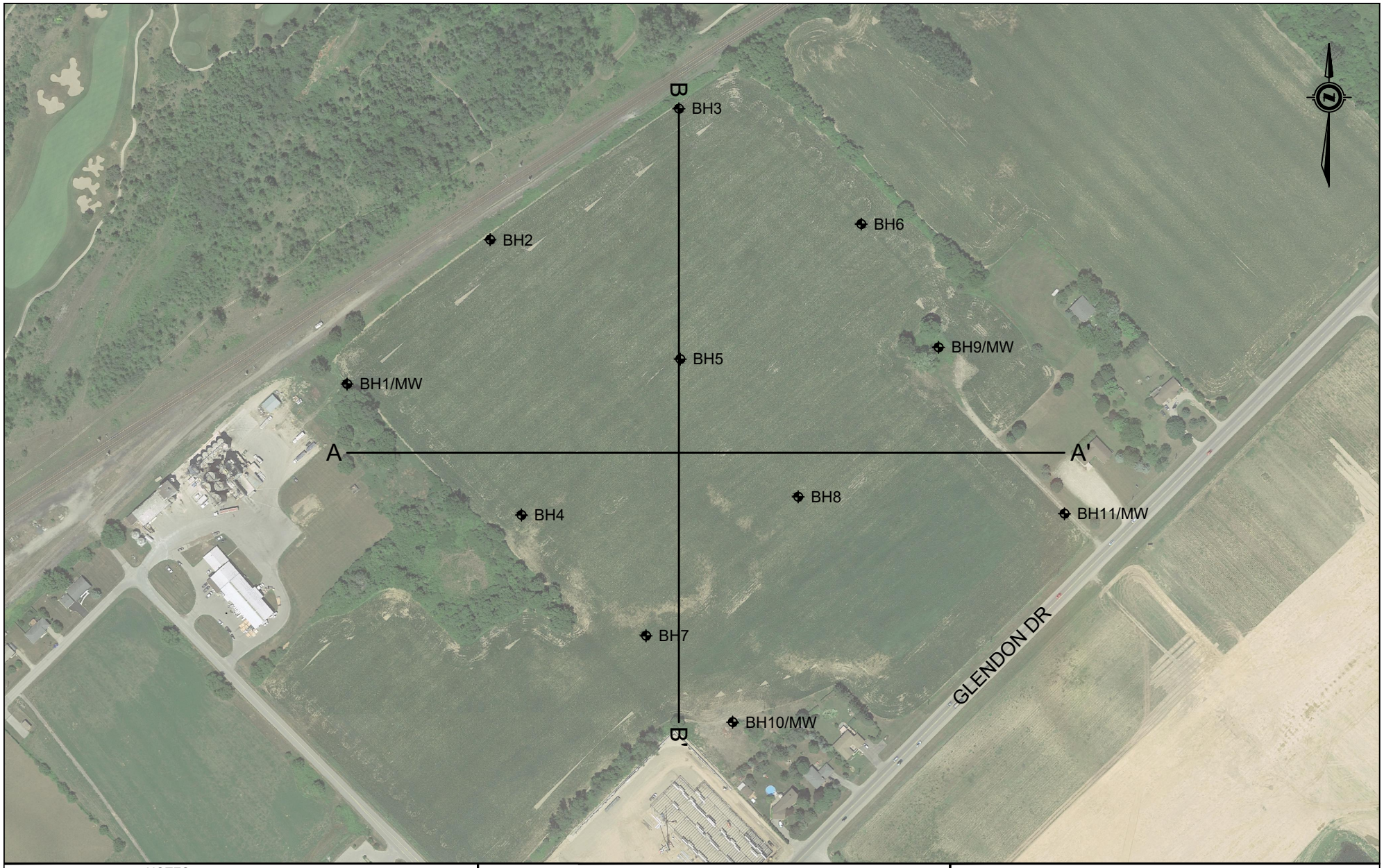
EXP Services Inc.

Eric M. Buchanan, P. Eng.
Geotechnical Services

Ralph D. Billings, P.Eng
Geotechnical Services

Attachments: Drawing 1 – Borehole and Cross Section Location Plan
Drawing 2 – Cross Section A-A'
Drawing 3 – Cross Section B-B'
Borehole Logs

Distribution: Ms. Nicole Ooms nicole.ooms@sifton .com



-NOTES-

1. The site plan was reproduced from Google Earth Pro and should be read in conjunction with EXP Letter Report KCH-25002312-A0 dated April 22, 2025.

-LEGEND-

BH1/MW Approximate Borehole Location

A ——— A' Cross Section Location

Aggregate Resources Assessment

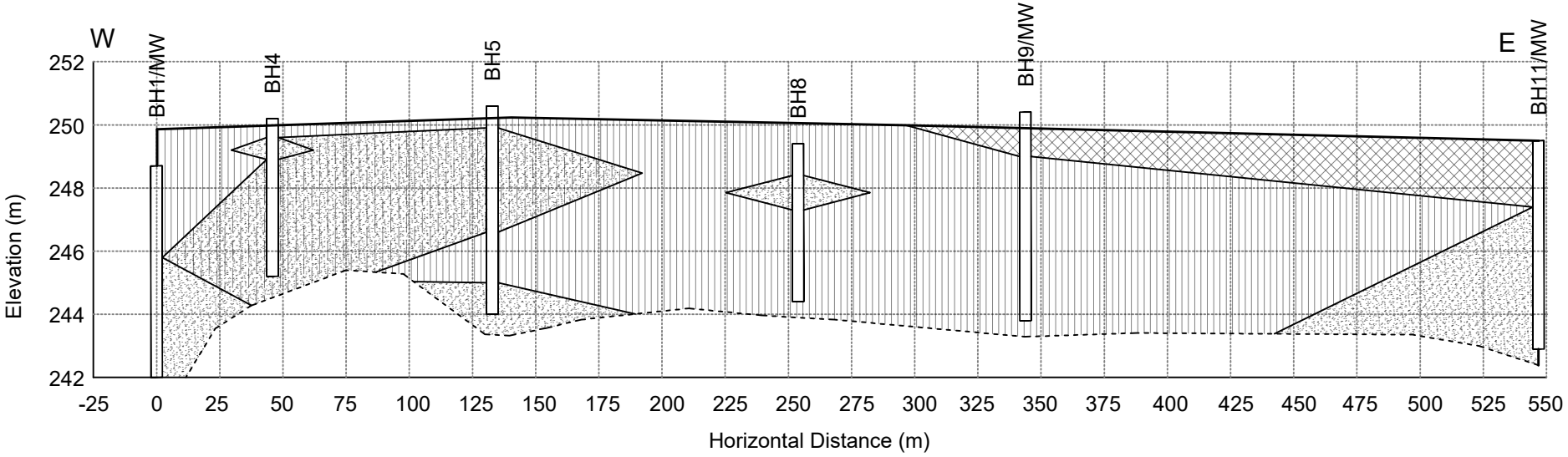
10242 Glendon Drive, Komoka, Ontario

CLIENT	Sifton Properties Ltd.
TITLE	Borehole and Cross Section Location Plan
Prepared By: E.B.	Reviewed By: R.B.

EXP Services Inc.
15701 Robin's Hill Road, London, ON, N5V 0A5

DATE	APPROXIMATE SCALE	PROJECT NO.	DWG.
APRIL 2025	1:4,000	KCH-25002312-A0	1

Cross Section A-A'



-NOTES-

1. The cross section should be read in conjunction with EXP Letter Report KCH-25002312-A0 dated April 22, 2025.

-LEGEND-

Fill
Sand
Silty Sand
Sandy Silt/Sand and Silt

Aggregate Resources Assessment

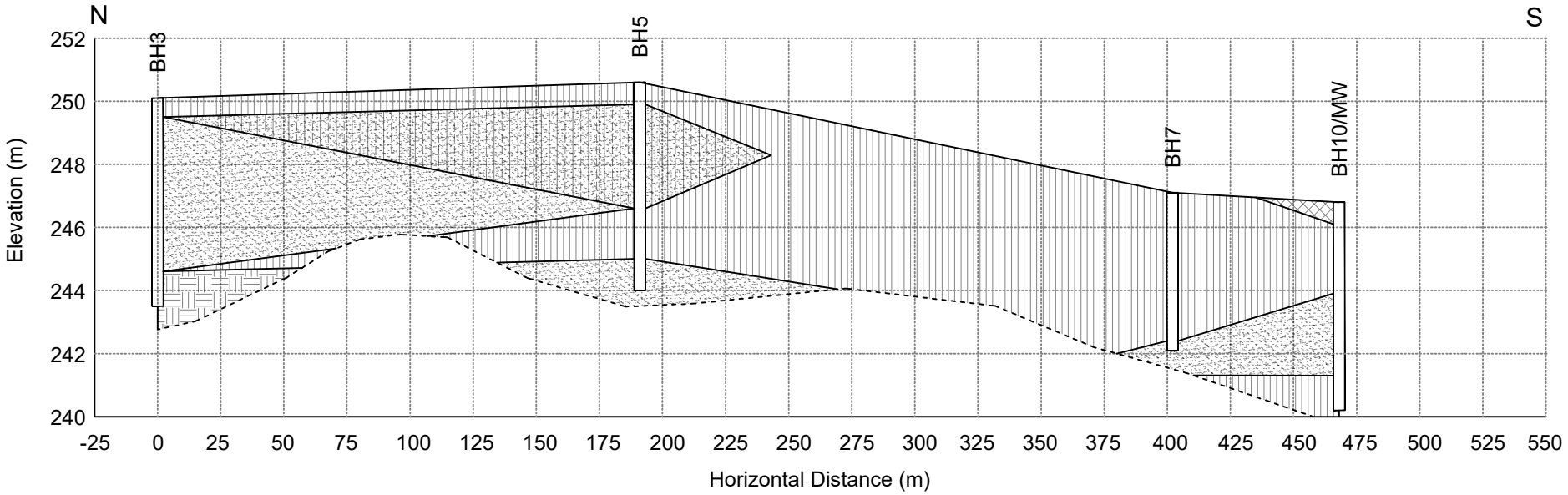
10242 Glendon Drive, Komoka, Ontario

CLIENT	Sifton Properties Ltd.
TITLE	Cross Section A-A'
Prepared By: E.B.	Reviewed By: R.B.

EXP Services Inc.
15701 Robin's Hill Road, London, ON, N5V 0A5

DATE	APPROXIMATE SCALE	PROJECT NO.	DWG.
APRIL 2025	H - 1:2500; V - 1:200	KCH-25002312-A0	2

Cross Section B-B'



-NOTES-

1. The cross section should be read in conjunction with EXP Letter Report KCH-25002312-A0 dated April 22, 2025.

-LEGEND-

- Fill
- Sand
- Clayey Silt Till
- Silty Sand
- Sandy Silt/Sand and Silt

Aggregate Resources Assessment

10242 Glendon Drive, Komoka, Ontario

CLIENT	Sifton Properties Ltd.
TITLE	Cross Section B-B'
Prepared By: E.B.	Reviewed By: R.B.

EXP Services Inc.
15701 Robin's Hill Road, London, ON, N5V 0A5

DATE	APPROXIMATE SCALE	PROJECT NO.	DWG.
APRIL 2025	H - 1:2500; V - 1:200	KCH-25002312-A0	3

BOREHOLE LOG

BH1/MW
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**

PROJECT **Proposed Development** DATUM **Geodetic**

LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 19, 2023** Water Level **Jan 31/25**

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N VALUE (blows)	MOISTURE CONTENT (%)
0	248.7						
	248.4	**TOPSOIL** - 290 mm					
		SANDY SILT - brown, trace clay, trace gravel, trace organics and rootlets, very loose to loose, very moist					
1			SS	S1	450	2	20
			SS	S2	450	4	19
2		- no organics or rootlets below 2.1 m bgs					
			SS	S3	450	6	18
	245.8						
3		**SAND** - brown, fine to medium grained, trace silt, trace gravel, loose to compact, moist					
			SS	S4	600	11	9
4							
			SS	S5	600	27	7
5		- becoming very moist near 5.6 m bgs					
6							
			SS	S6	600	20	12
	242.0	- becoming gravelly and wet near 6.6 m bgs					
7		**End of borehole at 6.7 m bgs.**					

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
Penetrometer Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L
SPT N Value Dynamic Cone
10 20 30 40

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) No significant methane gas concentration was detected upon completion.
4) Water Level Readings:
August 2, 2023 - 5.73 m bgs, Elevation 242.94 m
August 15, 2023 - 5.59 m bgs, Elevation 243.08 m
January 31, 2025 - 6.07 m bgs, Elevation 242.60 m

SAMPLE LEGEND
AS Auger Sample SS Split Spoon ST Shelby Tube
Rock Core (eg. BQ, NQ, etc.) VN Vane Sample

OTHER TESTS
G Specific Gravity C Consolidation
H Hydrometer CD Consolidated Drained Triaxial
S Sieve Analysis CU Consolidated Undrained Triaxial
γ Unit Weight UU Unconsolidated Undrained Triaxial
P Field Permeability UC Unconfined Compression
K Lab Permeability DS Direct Shear

WATER LEVELS
Apparent Measured Artesian (see Notes)

BOREHOLE LOG

BH2
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**

PROJECT **Proposed Development** DATUM **Geodetic**

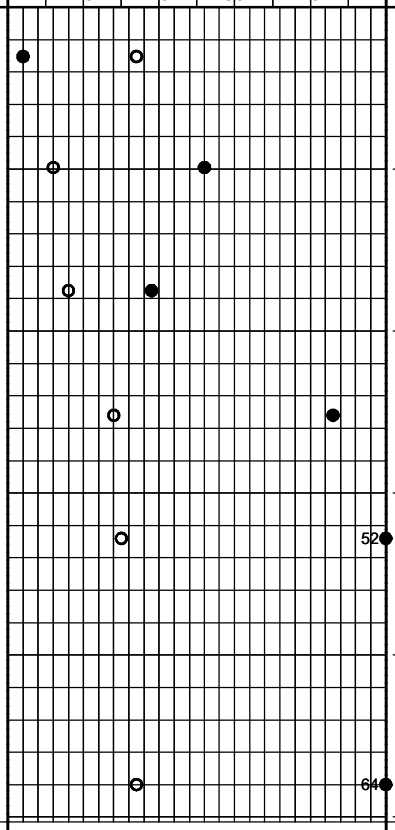
LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 17, 2023** Water Level

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N VALUE (blows)	MOISTURE CONTENT (%)
0	250.9	**TOPSOIL** - 330 mm							
	250.6	**SILTY SAND** - brown, fine grained, compact, moist			SS	S1	525	2	17
1		- occasional cobbles encountered near 0.9 m bgs			SS	S2	250	26	6
					SS	S3	450	19	8
2	248.8								
		SAND AND SILT - brown, dense to very dense, moist			SS	S4	450	43	14
3		- becoming very moist near 2.9 m bgs			SS	S5	450	52	15
4									
					SS	S6	450	64	17
5	245.9								
		End of borehole at 5.0 m bgs.							
6									
7									

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
Penetrometer Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L

SPT N Value × Dynamic Cone
10 20 30 40



NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) Borehole open to 3.7 m bgs and dry upon completion of drilling.
4) No significant methane gas concentration was detected upon completion.

SAMPLE LEGEND
AS Auger Sample SS Split Spoon ST Shelby Tube
Rock Core (eg. BQ, NQ, etc.) VN Vane Sample

OTHER TESTS
G Specific Gravity C Consolidation
H Hydrometer CD Consolidated Drained Triaxial
S Sieve Analysis CU Consolidated Undrained Triaxial
γ Unit Weight UU Unconsolidated Undrained Triaxial
P Field Permeability UC Unconfined Compression
K Lab Permeability DS Direct Shear

WATER LEVELS
Apparent Measured Artesian (see Notes)

BOREHOLE LOG

BH3
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**

PROJECT **Proposed Development** DATUM **Geodetic**

LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 17, 2023** Water Level

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N VALUE (blows)	MOISTURE CONTENT (%)
0	250.1	**TOPSOIL** - 410 mm							
	249.7				SS	S1	600	3	17
	249.5	**SANDY SILT** - brown, trace clay, trace gravel, very loose, moist							
1		**SAND** - brown, fine grained, some to trace silt, trace gravel, compact, moist			SS	S2	450	11	5
		- becoming fine to medium grained near 1.4 m bgs							
		- occasional cobbles encountered near 1.7 m bgs			SS	S3	450	22	6
2									
					SS	S4	450	19	6
3		- becoming very moist near 2.9 m bgs							
					SS	S5	350	14	9
		- 200 mm thick sandy silt layer encountered near 3.4 m bgs		▽					
4		- becoming gravelly and wet near 4.0 m bgs							
					SS	S6	400	22	15
5		- sandy silt layer encountered near 4.9 m bgs							
	244.6								
		CLAYEY SILT TILL - grey, some sand, trace gravel, very stiff, moist							
6									
	243.6				SS	S7	450	30	15
		End of borehole at 6.6 m bgs.							
7									

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
Penetrometer Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L
SPT N Value × Dynamic Cone
10 20 30 40

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) Borehole open to 4.0 m bgs and water measured near 3.7 m bgs upon completion of driling.
4) No significant methane gas concentration was detected upon completion.

SAMPLE LEGEND
AS Auger Sample SS Split Spoon ST Shelby Tube
Rock Core (eg. BQ, NQ, etc.) VN Vane Sample

OTHER TESTS
G Specific Gravity C Consolidation
H Hydrometer CD Consolidated Drained Triaxial
S Sieve Analysis CU Consolidated Undrained Triaxial
γ Unit Weight UU Unconsolidated Undrained Triaxial
P Field Permeability UC Unconfined Compression
K Lab Permeability DS Direct Shear

WATER LEVELS
▽ Apparent ▼ Measured ▲ Artesian (see Notes)

BOREHOLE LOG

BH4
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**

PROJECT **Proposed Development** DATUM **Geodetic**

LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 17, 2023** Water Level

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N VALUE (blows)	MOISTURE CONTENT (%)
0	250.2	**TOPSOIL** - 410 mm							
	249.8				SS	S1	600	2	16
	249.6	**SANDY SILT** - brown, trace clay, trace gravel, very loose, moist							
1		**SAND** - brown, fine grained, trace silt, trace organics, compact, moist			SS	S2	400	13	4
	248.9								
		SILTY SAND - brown, fine grained, compact to very dense, moist			SS	S3	450	15	8
2									
					SS	S4	450	26	7
3									
					SS	S5	450	56	8
4		- becoming very moist near 4.0 m bgs							
					SS	S6	450	44	17
5	245.2								
		End of borehole at 5.0 m bgs.							
6									
7									

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
Penetrometer Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L

SPT N Value × Dynamic Cone
10 20 30 40

56

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) Borehole open to 3.7 m bgs and dry upon completion of driling.
4) No significant methane gas concentration was detected upon completion.

SAMPLE LEGEND
AS Auger Sample SS Split Spoon ST Shelby Tube
Rock Core (eg. BQ, NQ, etc.) VN Vane Sample

OTHER TESTS
G Specific Gravity C Consolidation
H Hydrometer CD Consolidated Drained Triaxial
S Sieve Analysis CU Consolidated Undrained Triaxial
γ Unit Weight UU Unconsolidated Undrained Triaxial
P Field Permeability UC Unconfined Compression
K Lab Permeability DS Direct Shear

WATER LEVELS
Apparent Measured Artesian (see Notes)

BOREHOLE LOG

BH5
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**
PROJECT **Proposed Development** DATUM **Geodetic**
LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 17, 2023** Water Level

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N VALUE (blows)	MOISTURE CONTENT (%)
0	250.6	**TOPSOIL** - 410 mm							
	250.2				SS	S1	600	4	13
	249.9	**SANDY SILT** - brown, weathered, trace clay, trace gravel, loose, very moist							
1		**SILTY SAND** - brown, fine grained, compact to dense, moist			SS	S2	400	27	12
					SS	S3	450	26	7
2									
					SS	S4	450	28	5
		- trace silt near 2.5 m bgs							
3					SS	S5	450	40	14
	246.6								
4		**SAND AND SILT** - brown, compact, very moist							
					SS	S6	450	27	20
5									
	245.0								
		SAND - brown, fine to medium grained, trace silt, trace gravel, dense, wet							
6					SS	S7	450	42	20
	244.1								
		End of borehole at 6.6 m bgs.							
7									

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
Penetrometer Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L

SPT N Value × Dynamic Cone
10 20 30 40

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) Borehole open to 5.2 m bgs and dry upon completion of driling.
4) No significant methane gas concentration was detected upon completion.

SAMPLE LEGEND
AS Auger Sample SS Split Spoon ST Shelby Tube
Rock Core (eg. BQ, NQ, etc.) VN Vane Sample

OTHER TESTS
G Specific Gravity C Consolidation
H Hydrometer CD Consolidated Drained Triaxial
S Sieve Analysis CU Consolidated Undrained Triaxial
γ Unit Weight UU Unconsolidated Undrained Triaxial
P Field Permeability UC Unconfined Compression
K Lab Permeability DS Direct Shear

WATER LEVELS
Apparent Measured Artesian (see Notes)

BOREHOLE LOG

BH6
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**

PROJECT **Proposed Development** DATUM **Geodetic**

LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 17, 2023** Water Level

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N VALUE (blows)	MOISTURE CONTENT (%)
0	250.8	**TOPSOIL** - 390 mm							
	250.4				SS	S1	600	2	25
		SANDY SILT - brown, weathered, trace clay, trace gravel, trace organics, very loose, very moist							
1					SS	S2	225	0	17
		- becominging dilatant below 1.4 m bgs							
	248.9				SS	S3	325	1	24
2		**SILTY SAND** - brown, fine grained, loose to compact, moist							
					SS	S4	450	20	9
3		- trace silt near 3.0 m bgs			SS	S5	450	23	8
4									
					SS	S6	450	21	19
5									
	245.2								
		SAND - brown, fine to medium grained, some silt, dense, wet							
6					SS	S7	450	31	20
	244.2								
		End of borehole at 6.6 m bgs.							
7									

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
▲ Penetrometer ■ Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L
● SPT N Value × Dynamic Cone
10 20 30 40

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) Borehole open to 5.5 m bgs and dry upon completion of driling.
4) No significant methane gas concentration was detected upon completion.

SAMPLE LEGEND
☒ AS Auger Sample ▨ SS Split Spoon ■ ST Shelby Tube
▥ Rock Core (eg. BQ, NQ, etc.) ▥ VN Vane Sample

OTHER TESTS

G Specific Gravity	C Consolidation
H Hydrometer	CD Consolidated Drained Triaxial
S Sieve Analysis	CU Consolidated Undrained Triaxial
γ Unit Weight	UU Unconsolidated Undrained Triaxial
P Field Permeability	UC Unconfined Compression
K Lab Permeability	DS Direct Shear

WATER LEVELS
▽ Apparent ▼ Measured ▲ Artesian (see Notes)

BOREHOLE LOG

BH7
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**

PROJECT **Proposed Development** DATUM **Geodetic**

LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 19, 2023** Water Level

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N VALUE (blows)	MOISTURE CONTENT (%)
0	247.1								
	246.8	**TOPSOIL** - 280 mm							
		SANDY SILT - brown, weathered, trace clay, trace gravel, very loose to compact, moist			SS	S1	550	3	15
1					SS	S2	75	5	19
		- becoming dilatant and very moist near 1.4 m bgs			SS	S3	400	18	19
2									
					SS	S4	450	17	20
3									
					SS	S5	450	14	26
4				▽					
	242.4								
	242.1	**SAND** - brown, fine to medium grained, trace silt, trace gravel, compact, wet			SS	S6	400	16	20
5		**End of borehole at 5.0 m bgs.**							
6									
7									

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
▲ Penetrometer ■ Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L
● SPT N Value × Dynamic Cone
10 20 30 40

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) Borehole open to 4.3 m bgs and water measured near 4.1 m bgs upon completion of driling.
4) No significant methane gas concentration was detected upon completion.

SAMPLE LEGEND
☒ AS Auger Sample ▨ SS Split Spoon ■ ST Shelby Tube
▥ Rock Core (eg. BQ, NQ, etc.) ▥ VN Vane Sample

OTHER TESTS

G Specific Gravity	C Consolidation
H Hydrometer	CD Consolidated Drained Triaxial
S Sieve Analysis	CU Consolidated Undrained Triaxial
γ Unit Weight	UU Unconsolidated Undrained Triaxial
P Field Permeability	UC Unconfined Compression
K Lab Permeability	DS Direct Shear

WATER LEVELS
▽ Apparent ▼ Measured ▲ Artesian (see Notes)

BOREHOLE LOG

BH8
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**
PROJECT **Proposed Development** DATUM **Geodetic**
LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 19, 2023** Water Level

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N VALUE (blows)	MOISTURE CONTENT (%)
0	249.4	**TOPSOIL** - 530 mm			SS	S1	600	5	20
	248.9	**SANDY SILT** - brown, weathered, trace clay, trace gravel, loose, moist							
1	248.4	**SAND** - brown, fine to medium grained, trace silt, trace gravel, compact, moist			SS	S2	450	13	15
					SS	S3	450	13	7
2	247.3	**SANDY SILT** - brown, trace clay, compact to dense, very moist to wet			SS	S4	450	36	17
3					SS	S5	450	29	21
4									
5	244.4				SS	S6	450	36	17
		End of borehole at 5.0 m bgs.							
6									
7									

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
Penetrometer Torvane
100 200 kPa
Atterberg Limits and Moisture
W_P W W_L
SPT N Value Dynamic Cone
10 20 30 40

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) Borehole open to 4.3 m bgs and dry upon completion of driling.
4) No significant methane gas concentration was detected upon completion.

SAMPLE LEGEND
AS Auger Sample SS Split Spoon ST Shelby Tube
Rock Core (eg. BQ, NQ, etc.) VN Vane Sample

OTHER TESTS
G Specific Gravity C Consolidation
H Hydrometer CD Consolidated Drained Triaxial
S Sieve Analysis CU Consolidated Undrained Triaxial
γ Unit Weight UU Unconsolidated Undrained Triaxial
P Field Permeability UC Unconfined Compression
K Lab Permeability DS Direct Shear

WATER LEVELS
Apparent Measured Artesian (see Notes)

BOREHOLE LOG

BH9/MW
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**

PROJECT **Proposed Development** DATUM **Geodetic**

LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 13, 2023** Water Level **Jan 31/25**

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	TYPE	NUMBER	RECOVERY (mm)	N VALUE (blows)	MOISTURE CONTENT (%)
	250.4						
0	250.3	**TOPSOIL** - 75 mm					
		FILL - sand and gravel, brown, trace silt, loose, moist	SS	S1	225	7	
1	249.0						
		SANDY SILT - brown, trace clay, loose to compact, moist	SS	S2	450	5	10
2			SS	S3	450	10	20
3		- becoming very moist to wet near 2.9 m bgs	SS	S4	450	26	21
4							
			SS	S5	450	29	18
5		- becoming dense near 5.6 m bgs					
6							
	243.8		SS	S6	450	36	17
7		**End of borehole at 6.6 m bgs.**					

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
Penetrometer Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L
SPT N Value Dynamic Cone
10 20 30 40

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) No significant methane gas concentration was detected upon completion.
4) Water Level Readings:
August 2, 2023 - 4.37 m bgs, Elevation 245.98 m
August 15, 2023 - 4.61 m bgs, Elevation 245.74 m
January 31, 2025 - 4.70 m bgs, Elevation 245.65 m

SAMPLE LEGEND
AS Auger Sample SS Split Spoon ST Shelby Tube
Rock Core (eg. BQ, NQ, etc.) VN Vane Sample

OTHER TESTS

G Specific Gravity	C Consolidation
H Hydrometer	CD Consolidated Drained Triaxial
S Sieve Analysis	CU Consolidated Undrained Triaxial
γ Unit Weight	UU Unconsolidated Undrained Triaxial
P Field Permeability	UC Unconfined Compression
K Lab Permeability	DS Direct Shear

WATER LEVELS
Apparent Measured Artesian (see Notes)

BOREHOLE LOG

BH10/MW
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**
PROJECT **Proposed Development** DATUM **Geodetic**
LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 19, 2023** Water Level **Jan 31/25**

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N VALUE (blows)	MOISTURE CONTENT (%)
0	246.8	**FILL** - sand and gravel, brown, trace silt, loose, moist	SS	S1	500	7	4
	246.1						
1		**SANDY SILT** - brown, trace clay, dense to very dense, moist to very moist	SS	S2	450	33	18
		- moist sand layer encountered near 1.6 m bgs	SS	S3	450	44	14
2			SS	S4	450	55	14
	243.9						
3		**SAND** - brown, fine to medium grained, trace silt, trace gravel, very dense, very moist - silt layering encountered near 3.0 m bgs - becoming wet near 3.2 m bgs	SS	S5	450	61	16
4							
5			SS	S6	250	50*	14
	241.3						
6		**SILT** - grey, trace to some clay, some sand, very dense, moist	SS	S7	250	50*	14
	240.3						
7		**End of borehole at 6.6 m bgs.**					

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
Penetrometer Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L
SPT N Value × Dynamic Cone
10 20 30 40

55
61

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) No significant methane gas concentration was detected upon completion.
4) * denotes N=50 blows per less than 150 mm split spoon sampler penetration.
5) Water Level Readings:
August 2, 2023 - 3.38 m bgs, Elevation 243.45 m
August 15, 2023 - 3.61 m bgs, Elevation 243.22 m
January 31, 2025 - 3.79 m bgs, Elevation 243.04 m

SAMPLE LEGEND
AS Auger Sample SS Split Spoon ST Shelby Tube
Rock Core (eg. BQ, NQ, etc.) VN Vane Sample

OTHER TESTS
G Specific Gravity C Consolidation
H Hydrometer CD Consolidated Drained Triaxial
S Sieve Analysis CU Consolidated Undrained Triaxial
γ Unit Weight UU Unconsolidated Undrained Triaxial
P Field Permeability UC Unconfined Compression
K Lab Permeability DS Direct Shear

WATER LEVELS
Apparent Measured Artesian (see Notes)

BOREHOLE LOG

BH11/MW
Sheet 1 of 1

CLIENT **Sifton Properties Ltd.** PROJECT NO. **KCH-25002312-A0**

PROJECT **Proposed Development** DATUM **Geodetic**

LOCATION **10242 Glendon Drive, Komoka, ON** DATES: Boring **July 13, 2023** Water Level **Jan 31/25**

DEPTH (m bgs)	ELEVATION (~m)	STRATA DESCRIPTION	TYPE	NUMBER	RECOVERY (mm)	N VALUE (blows)	MOISTURE CONTENT (%)
0	249.5	**FILL** - sand and gravel, brown, trace silt, compact, moist	SS	S1	280	16	3
1			SS	S2	400	28	3
2	247.4	**SAND** - brown, fine to medium grained, trace silt, trace gravel, compact to very dense, moist to very moist - occasional sandy silt lenses throughout	SS	S3	425	15	11
3			SS	S4	450	83	16
4		- becoming wet near 4.0 m bgs					
5			SS	S5	450	50*	17
6	242.9		SS	S6	290	50*	12
7		**End of borehole at 6.6 m bgs.**					

SHEAR STRENGTH
S Field Vane Test (#=Sensitivity)
Penetrometer Torvane
100 200 kPa

Atterberg Limits and Moisture
W_P W W_L
SPT N Value Dynamic Cone
10 20 30 40

NOTES

1) Borehole Log interpretation requires assistance by EXP before use by others and must be read in conjunction with EXP Report KCH-25002312-A0.
2) bgs denotes below ground surface.
3) No significant methane gas concentration was detected upon completion.
4) * denotes N=50 blows per less than 150 mm split spoon sampler penetration.
5) Water Level Readings:
August 2, 2023 - 3.24 m bgs, Elevation 246.25 m
August 15, 2023 - 3.34 m bgs, Elevation 246.15 m
January 31, 2025 - 3.62 m bgs, Elevation 245.87 m

SAMPLE LEGEND
AS Auger Sample SS Split Spoon ST Shelby Tube
Rock Core (eg. BQ, NQ, etc.) VN Vane Sample

OTHER TESTS
G Specific Gravity C Consolidation
H Hydrometer CD Consolidated Drained Triaxial
S Sieve Analysis CU Consolidated Undrained Triaxial
γ Unit Weight UU Unconsolidated Undrained Triaxial
P Field Permeability UC Unconfined Compression
K Lab Permeability DS Direct Shear

WATER LEVELS
Apparent Measured Artesian (see Notes)